



REPORT

2018 Annual Groundwater Monitoring & Corrective Action Report

Georgia Power Company - Plant Scherer Cell 1 and PAC Ash Cell

Submitted to:



Georgia Power Company

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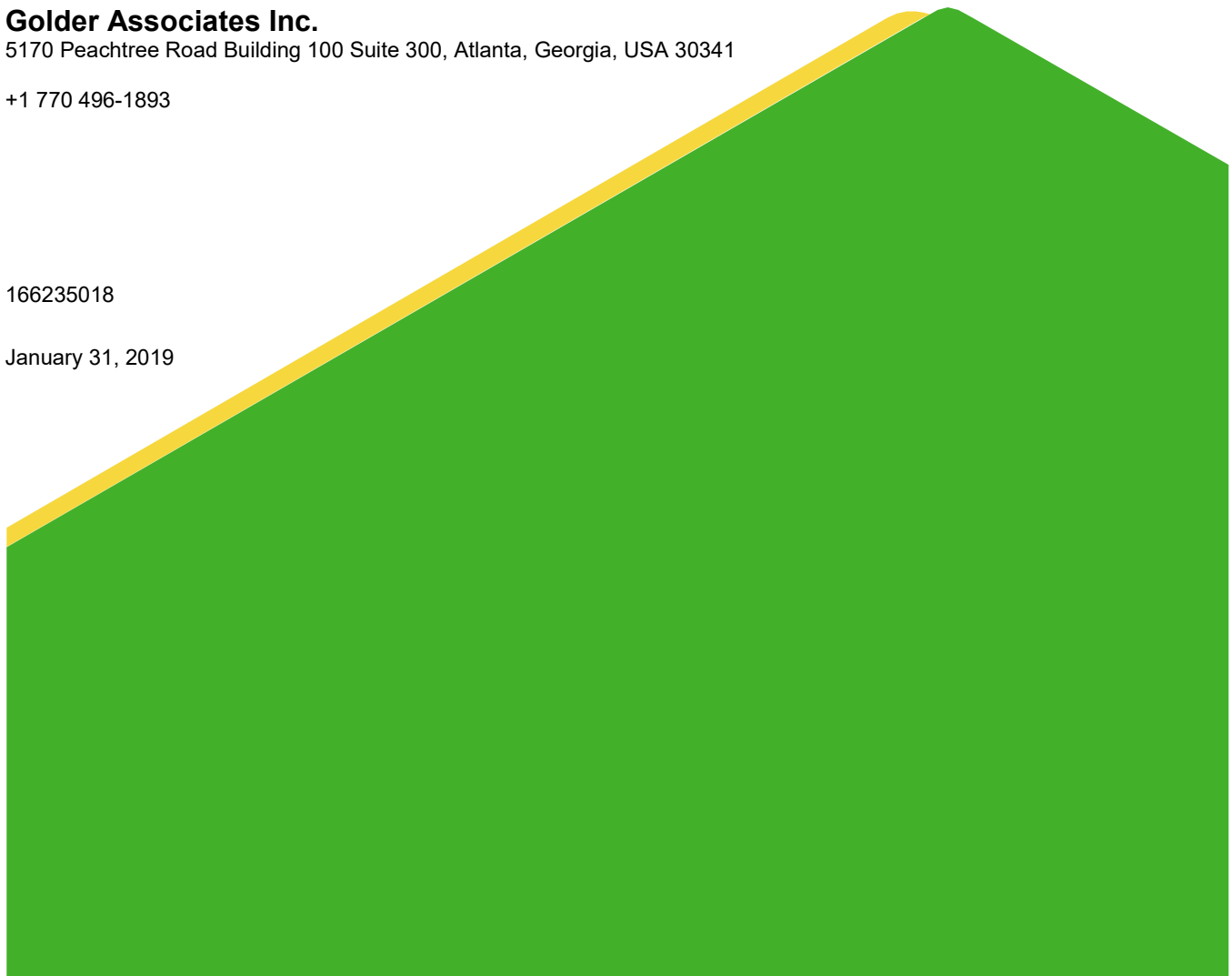
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January 31, 2019



Distribution List

Plant Scherer

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Certification

This 2018 Annual Groundwater Monitoring & Corrective Action Report, Georgia Power Company Plant Scherer Coal Combustion By-Product Private Industry Solid Waste Disposal Facility (Plant Scherer Landfill) has been prepared to comply with the United States Environmental Protection Agency (USEPA) coal combustion residual (CCR) rule (40 Code of Federal Regulations [CFR] 257 Subpart D; published in 80 FR 21302-21501, April 17, 2015) under the direction of a licensed professional engineer as well as a licensed professional geologist with Golder Associates Inc.

Golder Associates Inc.



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1/31/2019

Date

I hereby certify that this 2018 Annual Groundwater Monitoring & Corrective Action Report, Georgia Power Company Plant Scherer Coal Combustion By-Product Private Industry Solid Waste Disposal Facility (Plant Scherer Landfill) located at 10986 Georgia 87, Juliette, Georgia 31046, has been prepared to meet the requirements of 40 CFR §257.90(e).

GOLDER ASSOCIATES INC.



W. Randall Sullivan, PE
Georgia Registered Professional Engineer No. 13030

1/31/2019

Date

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[https://golderassociates.sharepoint.com/sites/24912g/project files/200 reports/annual gw monitoring & corrective action report/2018 annual gwmca report/landfill/final/2018 gwmcar cell 1pac_final_1.29.2018.docx](https://golderassociates.sharepoint.com/sites/24912g/project%20files/200%20reports/annual%20gw%20monitoring%20&%20corrective%20action%20report/2018%20annual%20gwmca%20report/landfill/final/2018%20gwmcar%20cell%201pac_final_1.29.2018.docx)

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1.0 INTRODUCTION

In accordance with the United States Environmental Protection Agency (USEPA) coal combustion residual (CCR) rule (40 Code of Federal Regulations [CFR] 257 Subpart D; published in 80 FR 21302-21501, April 17, 2015), this *2018 Annual Groundwater Monitoring and Corrective Action Report* has been prepared to document groundwater monitoring activities conducted at Georgia Power Company's (Georgia Power) Plant Scherer Coal Combustion By-Product Private Industry Solid Waste Disposal Facility (Plant Scherer Landfill) and satisfies the requirements of §257.90(e). Groundwater monitoring and reporting for Plant Scherer is performed in accordance with the requirements of §257.90 through §257.98. This report documents the activities completed through the 2018 calendar year.

1.1 Site Description and Background

Plant Scherer is located in northeast Monroe County, Georgia, and is operated by the Georgia Power. The Plant is situated approximately 5 miles south of Juliette, GA and is surrounded primarily by agricultural and residential land use. The property occupies approximately 12,000 acres and is bounded on the south by Lake Juliette. Figure 1, Site Location Map, depicts the location of Plant Scherer relative to the surrounding area.

The Plant Scherer Landfill consisting of an active Cell 1 and PAC Ash Cell and future Cells 2 and 3 is used for the disposal of coal combustion residuals (CCR). The two active cells have been utilized since 2011. The total disposal area occupies approximately 325 acres along the northern portion of the property. Figure 2, Site Plan and Monitoring Well Location Map depicts the general configuration of the landfill units and site monitoring wells.

The site is located within the Piedmont Physiographic Province of central Georgia, which is characterized by gently rolling hills and narrow valleys, with locally pronounced linear ridges. Overall, the property slopes gently south towards Lake Juliette and east toward the Ocmulgee River (Figure 1). The landfills are situated east/southeast of the ash pond which is located in a topographically high area on the property, with several relatively small, intermittent and perennial creeks and streams surrounding the pond. Several topographically isolated hilltops occur west of the pond and represent topographic high points on the site. Topographic relief across the site is greater than 200 feet, with a natural topographic high of over 570 feet above mean sea level (ft msl) occurring along the topographic ridge west of the ash pond, and a topographic low of less than 380 ft msl in the eastern portion of the site near Berry Creek.

1.2 Regional Geology and Hydrogeologic Setting

The following section and subsections include a general description of regional geologic and hydrogeologic characteristics of formations that occur beneath the site. Information presented in this section is based on published literature, discussion with local geologic experts, and experience working in this geologic terrain.

Plant Scherer is located within the Piedmont/Blue Ridge geologic province. The metamorphic and igneous rocks that underlie the area have been subjected to physical and chemical weathering which has created a landscape dissected by creeks and streams forming a dendritic drainage pattern. These rocks are deeply weathered due to the humid climate and bedrock is typically overlain by a variably thick blanket of residual soils and saprolite. The overall depth of weathering in the Piedmont/Blue Ridge is generally about 20 to 60 feet; however, the depth of weathering along discontinuities and/or very feldspathic rock units may extend to depths greater than 100 feet. Because of such variations in rock types and structure, the depth of weathering can vary significantly over short horizontal distances.

The near surface conditions were determined based upon available boring and monitoring well installation logs. Based on our review of this information, residual soils, consisting of primarily sandy silt, silty sand, sandy clay and silty clay, occur as a variably-thick blanket overlying bedrock across most of the site. The thickness of the residual soil encountered in the borings is variable, ranging from approximately 17 feet to 168 feet, with an average residual soil thickness of about 57 feet. Saprolitic soils and/or saprolitic rock vary in thickness across the site but were generally encountered at or near ground surface. Saprolitic rock is also considered to be partially weathered rock (PWR). Material overlying the top of rock surface, including residual soils, saprolite, and transitionally weathered rock, is collectively referred to as overburden or regolith.

1.3 Groundwater Monitoring Well Network

Pursuant to §257.91, a groundwater monitoring system was installed within the uppermost aquifer at Plant Scherer's Landfill. The monitoring system was installed to monitor groundwater passing the waste boundary of Cell 1 and PAC Ash Cell within the uppermost aquifer. Wells are located to serve as upgradient and downgradient wells based on groundwater flow direction as determined by the potentiometric surface elevation contour maps. The detection monitoring well network has been certified by a Professional Engineer in Georgia, with notice of that certification in the Operating Record pursuant to §257.90(f)(6).

The certified monitoring well network for Cell 1 consists of 20 monitoring wells and 12 monitoring wells for the PAC Ash Cell. Table 1, Monitoring Well Network Summary presents the pertinent construction details for the active landfill cells at Plant Scherer.

2.0 GROUNDWATER MONITORING ACTIVITIES

In accordance with 40 CFR §257.90(e), the following describes monitoring-related activities performed during the preceding year and discusses any change in status of the monitoring program. Groundwater sampling was performed in accordance with 40 CFR §257.93. Samples were collected from each well in the certified monitoring system. The location of each of these monitoring wells is shown on Figure 2, Site Plan and Well Location Map.

Table 2, Groundwater Sampling Event Summary, presents a summary of groundwater sampling events completed for Cell 1 and PAC Ash Cell. Groundwater sampling events were conducted for Cell 1 and PAC Ash Cell during March 2018 and October 2018. During each sampling event groundwater samples were collected for Appendix III constituents at each detection monitoring well.

2.1 Monitoring Well Installation and Maintenance

There was no change to the groundwater monitoring system in 2018; the network remained the same as in the 2017 (previous) reporting year. In summary, monitoring well-related activities were limited to visual inspection of well conditions prior to sampling, recording the site conditions, and performing exterior maintenance to provide safe access for sampling.

2.2 Detection Monitoring

In accordance with §257.94(b), the detection groundwater monitoring program continued in 2018. Groundwater samples were collected semi-annually from each monitoring well and analyzed for Appendix III constituents. Results of these analyses are included in laboratory analytical data reports provided in Appendix A, Analytical Laboratory Reports & Field Data Forms. In accordance with the approved Georgia EPD Solid Waste Permit No. 102-009S(LI), additional monitoring parameters were analyzed during each of the semi-annual monitoring events conducted in March and October 2018. Copies of these results have also been provided in Appendix A.

2.3 Alternate Source Demonstrations

Based on results of the 2017 Annual Groundwater and Corrective Action Monitoring Report, statistically significant increases (SSIs) of Appendix III constituents were identified above background concentrations. In accordance with §257.94(e)(2), an alternate source demonstration (ASD) was prepared and placed into the operating record on April 15, 2018. A copy of that ASD (*Alternate Source Demonstration, Georgia Power Company Plant Scherer Cell 1 and PAC Ash Cell*, prepared by Golder Associates Inc, April 15, 2018) is included as Appendix B, Alternate Source Demonstration. As discussed in the following sections of this report, additional SSIs above background concentrations were identified in 2018. An ASD that addresses the SSIs identified following the March 2018 and October 2018 has also been prepared and included in Appendix B.

3.0 SAMPLE METHODOLOGY & ANALYSIS

The following sections describe the methods used to conduct groundwater monitoring at Cell 1 and PAC Ash Cell in 2018.

3.1 Groundwater Level Measurement

Prior to each sampling event, groundwater elevations were recorded from the certified well network at Plant Scherer. Groundwater elevations are summarized in Table 3, Summary of Groundwater Elevations. Both the March and October 2018 elevation data was used to develop potentiometric surface elevation contour maps Figure 3A, Cell 1 Potentiometric Surface Map – March 19, 2018 and Figure 3B, Cell 1 Potentiometric Surface Map – October 1, 2018 as well as Figure 4A, PAC Ash Cell Potentiometric Surface Map – March 19, 2018 and Figure 4B, PAC Ash Cell Potentiometric Surface Map – October 1, 2018. The general direction of groundwater flow across the site is south/southeast. This groundwater flow pattern observed during each event in 2018 is generally consistent with historical observations.

3.2 Groundwater Gradient and Flow Velocity

Groundwater flow rates at the site were calculated based on hydraulic gradients, hydraulic conductivity from previous slug test results, and an estimated effective porosity of the screened horizon. Based on slug test data at the site, an average hydraulic conductivity value of 6.6×10^{-4} centimeter/second (1.86 feet/day) was used in the flow calculations. Additional details are provided in the Plant Scherer Proposed Coal Combustion By-Product Disposal Facility Site Acceptability Report (2007). The hydraulic gradient was calculated between well pairs as shown on Table 4A, Groundwater Flow Velocity Calculations – March 2018 and Table 4B, Groundwater Flow Velocity Calculations – October 2018. An effective porosity of 0.20 was used based on the default values for effective porosity recommended by USEPA for a silty sand-type soil (USEPA, 1996).

Horizontal flow velocity was calculated using the commonly-used derivative of Darcy's Law presented in Criteria for Performing Site Acceptability Studies for Solid Waste Landfills in Georgia – Circular 14 (EPD, 1997):

Where:

$$V = \frac{K * i}{n_e}$$

V = Groundwater flow velocity $\left(\frac{\text{feet}}{\text{day}} \right)$

K = Average Permeability of the aquifer $\left(\frac{\text{feet}}{\text{day}} \right)$

i = Horizontal hydraulic gradient $\left(\frac{\text{feet}}{\text{feet}} \right)$

n_e = Effective porosity

Using this equation, groundwater flow velocities are calculated for various areas of the site and are tabulated on Table 4. Table 4 presents the velocities calculated using groundwater elevation data from this sampling event.

As presented on Table 4A/B groundwater flow velocity at the site is approximately 0.2 feet/day across the Cell 1 and PAC Ash Cell during 2018. These calculated groundwater flow velocities across the site are consistent with historical calculations. The observed groundwater flow velocities calculated for this monitoring event are also consistent with expected velocities in the regolith-upper bedrock aquifers of Georgia Piedmont and confirm the groundwater monitoring system as properly located to monitor the uppermost aquifer for the landfills at Plant Scherer. However, these calculated velocities are best estimates based on field data and default data for soils, and therefore, these velocities should not be taken as absolute values, but rather as estimated values that may vary with future data collected at the site.

3.3 Groundwater Sampling

Groundwater samples were collected in accordance with §257.93(a). Monitoring wells were purged and sampled using low-flow sampling procedures. Non-dedicated, low-flow pneumatic bladder pumps were used to purge and sample the wells, except at well GWC-8A, where a dedicated bladder pump is installed. During the purging of each well, field measurements of temperature, specific conductance, dissolved oxygen (DO), pH, oxidation-reduction potential (ORP), and turbidity were recorded using a SmarTroll® (In-Situ® field instrument) along with a separate turbidity meter to verify stabilization. Groundwater samples were collected when the following general stabilization criteria were met:

- 0.1 standard units for pH
- 5% for specific conductance
- 0.2 milligrams per liter (mg/L) or 10% for DO > 0.5 mg/L (whichever is greater)
- Turbidity measurements less than 10 Nephelometric Turbidity Units (NTU)

Any deviation from stabilization criteria, if applicable, is identified on field sampling forms. Following well stabilization, unfiltered samples were collected directly into appropriately preserved laboratory supplied sample containers, placed in iced coolers, and submitted to the laboratory following standard chain-of-custody protocol. Field information forms generated directly from the SmarTroll as well as chain-of-custody records are included in Appendix A.

Where sample turbidity was greater than 5 NTU and all other stabilization criteria were met, samplers continued purging for up to 3 additional hours in order to reduce the turbidity to 5 NTU or less. When turbidity remained above 5 NTU but was less than 10 NTU, and all other parameters are stabilized, the well was sampled. Where turbidity remained above 10 NTU, an unfiltered sample was collected followed by a filtered sample that has passed through an in-line 0.45-micron filter attached to the discharge (sample collection) tube. The unfiltered samples were used for compliance monitoring and in the statistical analysis database. Filtered sample data are used to assess the impacts of turbidity on groundwater quality. Details regarding additional filtered samples are recorded on the field information form.

3.4 Laboratory Analyses

Groundwater samples were collected in March and October 2018 for detection monitoring and were analyzed for Appendix III monitoring parameters. Analytical methods used for groundwater monitoring parameters can be

found on the attached analytical data reports in Appendix A. Additional state required monitoring parameters are also included on laboratory reports found in Appendix A.

Laboratory analyses were performed by Test America, Inc. (TAL), and TAL of St. Louis Missouri. The TAL are accredited by National Environmental Laboratory Accreditation Program (NELAP) and maintain a NELAP certification for all parameters analyzed for this project. In addition, TAL laboratories are certified to perform analysis by the State of Georgia. Groundwater data and chain of custody records for the monitoring events are presented in Appendix A.

3.5 Quality Assurance and Quality Control

During each sampling event, quality assurance/quality control samples (QA/QC) are collected at a rate of one QA/QC sample per every 10 groundwater samples. Equipment blanks (where non-dedicated sampling equipment is used), field blanks, and duplicate samples were also collected during each sampling event. QA/QC samples data was evaluated during data validation and is included in Appendix A.

Groundwater quality data in this report was validated in accordance with USEPA guidance (USEPA, 2011). Data validation generally consisted of reviewing sample integrity, holding times, applicable analytical methods were used, laboratory method blanks, laboratory control samples, matrix spikes/matrix spike duplicate recoveries and relative percent differences, post digestion spikes, laboratory and field duplicate relative percent differences (RPDs), field and equipment blanks, and reporting limits. Where appropriate, validation qualifiers and flags are applied to the data using USEPA procedures (USEPA, 2017). Flagged data are identified in the statistical analysis reports described in the following section.

4.0 STATISTICAL ANALYSES

Statistical analysis of Appendix III groundwater monitoring data was performed pursuant to §257.93 following the PE certified statistical method for Cell 1 and PAC Ash Cell. Statistical analyses were completed for each of the March 2018 and October 2018 monitoring events independently.

4.1 Statistical Methods

The selected statistical method for Cell 1 and PAC Ash Cell was developed in accordance with 40 CFR §257.93(f) using methodology presented in Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance, March 2009, USEPA 530/R-09-007 (Unified Guidance). The Sanitas™ Groundwater statistical software was used to perform the statistical analyses. Sanitas™ is a decision-support software package, that incorporates the statistical tests required of Subtitle C and D facilities by USEPA regulations and guidance as recommended in the USEPA Unified Guidance (2009) document.

Groundwater quality data were evaluated using a combination of both intrawell and interwell prediction limits for Appendix III parameters. Using interwell methods, upgradient well data were pooled to establish a background statistical limit. Using intrawell methods utilize historical data from within a given well to establish a statistical limit for comparison of compliance data. Data from the March 2018 and October 2018 detection monitoring events are compared to the statistical limit to determine whether any concentrations exceed background levels. The selected statistical method uses an optional 1-of-2 verification resample plan. When an initial statistically significant increase (SSI) or questionable result occurs, a second sample may be collected to verify the initial result or determine if the result was an outlier. Using intrawell statistical methods, background data from a parameter at a well (e.g., pH at MW-1) is used to establish a background statistical limit for that parameter at that well. As a

result, each parameter will have a different statistical limit for each well. Data from the March 2018 and October 2018 detection monitoring events were compared to the statistical limit to determine whether any concentrations exceed background levels. The intrawell statistical method uses an optional 1-of-2 verification resample plan. When an SSI or questionable result occurs, one additional sample may be collected to verify the initial result or determine if the result was an outlier.

If the initial finding was not verified by resampling, the resampled value replaced the initial finding. When the re-sample confirms the initial finding, both values remain in the database and an SSI is declared.

The following table provides a summary of the statistical methodology used at Cell 1 and PAC Ash Cell for routine detection groundwater monitoring.

PLANT SCHERER CELL 1 STATISTICAL METHOD SUMMARY		
Monitoring Well Network	Upgradient Wells	GWA-15, GWA-16, and GWA-17
	Downgradient Wells	GWC-1, GWC-2, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-8/GWC-8A, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, and GWC-20
CCR Monitoring Parameters	Appendix III (Detection Monitoring)	Boron, Calcium, Chloride, Fluoride, pH, Sulfate, and Total Dissolved Solids (TDS)
	Appendix IV (Assessment Monitoring-if required)	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Combined Radium 226 + 228, Fluoride, Lead, Lithium, Mercury, Molybdenum, Selenium, and Thallium
Statistical Methodology	Data Screening on Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available
	Statistical Limits	A mix of interwell (GWC-5 only) and intrawell statistical limits will be applied on a constituent basis, depending on the appropriateness of the method as determined by the Analysis of Variance
	Prediction Limits	Parametric when data follow a normal or transformed normal distribution and when less than 50% non-detects, utilizing Kaplan Meier non-detect adjustment when applicable; nonparametric when data sets contain greater than 50% non-detects or when data are not normally or transformed-normally distributed.
	Confidence Intervals	Used in Assessment and Corrective Action monitoring.
	No Statistical Testing	Statistical testing is not required for parameters with 100% non-detects.
	Verification Resample Plan (Optional)	1-of-2 with minimum of 8 samples per well for interwell testing; 1-of-2 resample plan with a minimum of 10 samples per well for intrawell testing. <ul style="list-style-type: none"> Initial statistical exceedance warrants independent resampling within 90 days. If resample passes, well/parameter is not a confirmed statistically significant increase (SSI). If all resamples exceeds, well/parameter has a confirmed SSI. If no resample is collected, the original result is deemed verified.

PLANT SCHERER PAC ASH LANDFILL STATISTICAL METHOD SUMMARY		
Monitoring Well Network	Upgradient Wells	GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49
	Downgradient Wells	GWC-29, GWC-50, GWC-51, GWC-52, GWC-53
CCR Monitoring Parameters	Appendix III (Detection Monitoring)	Boron, Calcium, Chloride, Fluoride, pH, Sulfate, and TDS
	Appendix IV (Assessment Monitoring-if required)	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Combined Radium 226 + 228, Fluoride, Lead, Lithium, Mercury, Molybdenum, Selenium, and Thallium
Statistical Methodology	Data Screening on Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available
	Statistical Limits	Intrawell statistical limits will be applied for each well/constituent, depending on the appropriateness of the method as determined by the Analysis of Variance
	Prediction Limits	Parametric when data follow a normal or transformed normal distribution and when less than 50% non-detects, utilizing Kaplan Meier non-detect adjustment when applicable; nonparametric when data sets contain greater than 50% non-detects or when data are not normally or transformed-normally distributed.
	Confidence Intervals	Used in Assessment and Corrective Action monitoring.
	No Statistical Testing	Statistical testing is not required for parameters with 100% non-detects.
	Verification Resample Plan (Optional)	1-of-2 with minimum of 8 samples per well for intrawell testing. <ul style="list-style-type: none"> Initial statistical exceedance warrants independent resampling within 90 days. If resample passes, well/parameter is not a confirmed SSI. If resample exceeds, well/parameter has a confirmed SSI. If no resample is collected, the original result is deemed verified.

The following guidance is also applicable to the statistical analysis method:

- Statistical analyses are not performed on analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain less than or equal to 15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the PQL as reported by the laboratory.
- When data contain between 15-50% non-detects, a non-detect adjustment such as the Kaplan-Meier or Regression on Order Statistics (ROS) method for adjustment of the mean and standard deviation will be used prior to constructing a parametric prediction limit.

Nonparametric prediction limits are used on data containing greater than 50% non-detects.

4.2 Statistical Analysis Results

Analytical data from the March 2018 and October 2018 monitoring events for Cell 1 and PAC Ash Cell have been statistically analyzed in accordance with each CCR unit certified statistical analysis method. Verification resampling to confirm initial prediction limit exceedances was not performed; therefore, exceedances are considered verified and SSIs declared. The statistical results following both the March 2018 and the October 2018 monitoring events are included in Appendix C, Statistical Analyses.

Review of the Sanitas™ results presented in Appendix C indicates that the following verified SSIs were identified following the March 2018 event:

March 2018 Intra-Well Prediction Limit Summary	
Appendix III Parameter	Cell 1 Intra-Well Prediction Limit Statistically Significant Increase Summary
Boron	GWC-5
Calcium	GWC-4, GWC-5, GWC-7, GWC-9*
Chloride	GWC-4, GWC-5
Sulfate	GWC-5, GWC-15
Total Dissolved Solids	GWC-4, GWC-5
Appendix III Parameter	PAC Ash Cell Intra-Well Prediction Limit Statistically Significant Increase Summary
Calcium	GWC-29, GWC-52
Chloride	GWA-46*, GWC-53
Sulfate	GWA-21, GWC-52

Review of the Sanitas™ results presented in Appendix C indicates that the following verified SSIs were identified following the October 2018 event:

October 2018 Intra-Well Prediction Limit Summary	
Appendix III Parameter	Cell 1 Intra Well Prediction Limit Statistically Significant Increase Summary
Chloride	GWC-4, GWC-10, GWC-15

Appendix III Parameter	PAC Ash Cell Intra-Well Prediction Limit Statistically Significant Increase Summary
Boron	GWA-45
Calcium	GWC-29*
Chloride	GWA-21, GWA-46, GWC-53
pH	GWC-29, GWA-48*, GWA-49*, GWC-50
Sulfate	GWA-21, GWC-52, GWC-53
Total Dissolved Solids	GWC-29, GWC-50, GWC-52, GWC-53

The March and October 2018 prediction limit summary tables identify statistical exceedances based on an intra-well prediction limit analyses. We note when reviewing the statistical exceedances, that in some instances (those identified by "**"), the exceedances are identified based on a rounding error. That is to say, exceedances would not occur if the limit were rounded to the same number of significant digits as the observed result, and is the result of error in statistical evaluation (i.e., rounding error). Because the SSI was triggered in this manner, an ASD is

not warranted and have not been prepared. Additionally, time series plots show that more recent concentrations data are essentially at the prediction limit.

We also note that SSIs were identified both upgradient (GWA-series wells) and downgradient of the landfill. Those exceedances upgradient of the lined landfill cannot be the result of the landfill unit. Groundwater flow directions observed during the 2018 monitoring events that flow rates and directions are generally consistent with historical interpretations data and confirms the upgradient position of GWA-series wells. Because of this, an SSI at upgradient wells cannot be attributed to the Cell 1 and PAC Ash units but rather natural variability in groundwater chemistry or an alternate source. As a result, an ASD for the exceedances at upgradient wells are not warranted and have not been prepared presented.

SSIs identified following data obtained during the March 2018 monitoring event indicate SSIs of Appendix III constituents were identified above background concentrations and are similar to those identified following the October 2017 monitoring event. In accordance with §257.94(e)(2), an alternate source demonstration (ASD) was prepared and placed into the operating record on April 15, 2018. A copy of that ASD (Alternate Source Demonstration, Georgia Power Company Plant Scherer Cell 1 and PAC Ash Cell, prepared by Golder Associates Inc., April 15, 2018) is included as Appendix B and is applicable to those exceedances identified following the March and October sampling events. A supplemental ASD for those SSIs identified following the October 2018 sampling event that are not specifically addressed by the April 15, 2018 ASD is underway and will be placed in operating record.

5.0 MONITORING PROGRAM STATUS

Plant Scherer Cell 1 and PAC Ash Cell are in detection monitoring. Table 2 presents the status of each well within the certified monitoring network for Cell 1 and PAC Ash Cell. SSIs of Appendix III parameters have been identified. The SSIs were addressed in accordance with the requirements, and options of §257.94(e)(2) by demonstrating alternate sources for the reported SSIs.

6.0 CONCLUSIONS AND FUTURE ACTIONS

This 2018 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Company Plant Scherer Cell 1 and PAC Ash Cell has been prepared to fulfill the requirements of USEPA CCR rule 40 CFR 257 Subpart D.

Statistical evaluations of the groundwater monitoring data for Cell 1 and PAC Ash Cell identified SSIs of Appendix III groundwater monitoring parameters. In accordance with §257.94(e)(1), an alternate source demonstration has been completed for the Appendix III SSIs. Plant Scherer Cell 1 and PAC Ash Cell will remain in detection monitoring and the next scheduled sampling event is scheduled for March 2019.

7.0 REFERENCES

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Tables & Figures

TABLE 1.
WELL CONSTRUCTION DATA
Georgia Power - Plant Scherer
Juliette, GA

Well ID	Hydraulic Location	Latitude	Longitude	Top of Casing Elevation (feet msl)	Ground Surface Elevation (feet msl)	Total Depth (feet bgs)	Top of Screen Elevation (feet msl)	Bottom of Screen Elevation (feet msl)	Screen Length (feet)
GYMPSUM CELL 1									
GWA-15	Upgradient	33.07878	-83.79131	414.82	411.82	38.2	346.9	336.6	10.3
GWA-16	Upgradient	33.07806	-83.79152	444.06	440.74	58.2	332.1	321.8	10.3
GWA-17	Upgradient	33.07751	-83.79247	445.63	442.72	49.7	370.8	360.5	10.3
GWC-1	Downgradient	33.07653	-83.79300	374.75	371.54	43.3	378.6	368.3	10.3
GWC-2	Downgradient	33.07554	-83.79305	380.03	376.91	34.1	372.8	362.5	10.3
GWC-3	Downgradient	33.07466	-83.79356	410.22	407.19	48.5	377.5	367.2	10.3
GWC-4	Downgradient	33.07375	-83.79430	411.57	408.31	58.7	369.7	359.4	10.3
GWC-5	Downgradient	33.07290	-83.79499	396.50	393.18	53.5	364.6	354.3	10.3
GWC-6	Downgradient	33.07296	-83.79587	415.70	412.36	20.1	376.2	365.9	10.3
GWC-7	Downgradient	33.07393	-83.79635	418.07	414.29	58.7	369.7	359.4	10.3
GWC-8	Downgradient	33.07393	-83.79635	418.07	414.29	35.1	367.9	357.6	10.3
GWC-8A	Downgradient	33.07487	-83.79713	407.80	404.76	34.4	378.1	367.8	10.3
GWC-9	Downgradient	33.07578	-83.79786	386.01	383.02	37.7	385.3	375.0	10.3
GWC-10	Downgradient	33.07677	-83.79839	392.68	389.30	43.3	386.6	376.3	10.3
GWC-11	Downgradient	33.07764	-83.79930	402.19	399.06	27.5	386.2	375.9	10.3
GWC-12	Downgradient	33.07861633	-83.79873403	412.75	409.54	29.5	395.6	385.3	10.3
GWC-13	Downgradient	33.07927038	-83.79775975	419.58	416.54	57.8	396.5	386.2	10.3
GWC-14	Downgradient	33.07916324	-83.79656288	403.41	400.25	46.8	409.2	398.9	10.3
GWC-18	Downgradient	33.07858	-83.79554	439.64	436.36	60.4	389.6	379.3	10.3
GWC-19	Downgradient	33.07760	-83.79407	429.98	426.12	58.0	382.3	372.0	10.3
GWC-20	Downgradient	33.07844	-83.79249	426.09	422.82	72.7	363.7	353.4	10.3
PAC ASH CELL									
GWA-21	Background	33.08045	-83.79814	422.30	419.56	20.7	411.9	401.6	10.3
GWA-22	Background	33.08123	-83.79810	444.23	441.75	42.5	412.0	401.7	10.3
GWA-45	Background	33.08044	-83.80327	450.89	447.98	35.5	425.7	415.4	10.3
GWA-46	Background	33.08075	-83.80214	460.86	458.10	47.0	424.2	413.9	10.3
GWA-47	Background	33.08097	-83.80100	465.55	462.81	54.2	421.7	411.4	10.3
GWA-48	Background	33.08121	-83.79984	461.47	458.73	64.2	407.6	397.3	10.3
GWA-49	Background	33.08142	-83.79870	432.61	429.96	41.0	401.9	391.6	10.3
GWC-29	Compliance	33.07825	-83.80058	399.39	396.69	27.1	382.6	372.3	10.3
GWC-50	Compliance	33.07837	-83.79980	406.92	404.18	36.5	380.7	370.4	10.3
GWC-51	Compliance	33.07815	-83.80149	409.89	406.88	26.8	393.4	383.1	10.3
GWC-52	Compliance	33.07852	-83.80225	416.89	414.14	32.9	394.3	384.0	10.3
GWC-53	Compliance	33.07948	-83.80310	435.57	432.93	33.0	412.9	402.6	10.3

Notes:

1. feet msl = feet mean sea level
2. feet bgs = feet below ground surface

TABLE 2A.
GROUNDWATER SAMPLING EVENT SUMMAR
Y Georgia Power Company - Plant Scherer
Juliette, Georgia

Well ID	Hydraulic Location	Summary of Sampling Events		Status of Monitoring Well
		March 2018	October 2018	
Purpose of Sampling Event		Detection	Detection	
CELL 1				
GWA-15	Upgradient	D02	D03	Detection
GWA-16	Upgradient	D02	D03	Detection
GWA-17	Upgradient	D02	D03	Detection
GWC-1	Upgradient	D02	D03	Detection
GWC-2	Upgradient	D02	D03	Detection
GWC-3	Downgradient	D02	D03	Detection
GWC-4	Downgradient	D02	D03	Detection
GWC-5	Downgradient	D02	D03	Detection
GWC-6	Downgradient	D02	D03	Detection
GWC-7	Downgradient	D02	D03	Detection
GWC-8 ^[1]	Downgradient	--	--	Detection
GWC-8A	Downgradient	D02	D03	Detection
GWC-9	Downgradient	D02	D03	Detection
GWC-10	Downgradient	D02	D03	Detection
GWC-11	Downgradient	D02	D03	Detection
GWC-12	Downgradient	D02	D03	Detection
GWC-13	Downgradient	D02	D03	Detection
GWC-14	Downgradient	D02	D03	Detection
GWC-18	Downgradient	D02	D03	Detection
GWC-19	Downgradient	D02	D03	Detection
GWC-20	Downgradient	D02	D03	Detection

Notes:

BGXX = Background Event and Number

Dxx - Detection Event Number

^[1] Monitoring well GWC-8 was replaced with GWC-8A in May 2017.

TABLE 2B.
GROUNDWATER SAMPLING EVENT SUMMAR
Y Georgia Power Company - Plant Scherer
Juliette, Georgia

Well ID	Hydraulic Location	Summary of Sampling Events		Status of Monitoring Well
		March 2018	October 2018	
Purpose of Sampling Event		Detection	Detection	
PAC ASH CELL				
GWA-21	Upgradient	D02	D03	Detection
GWA-22	Upgradient	D02	D03	Detection
GWA-45	Upgradient	D02	D03	Detection
GWA-46	Upgradient	D02	D03	Detection
GWA-47	Upgradient	D02	D03	Detection
GWA-48	Upgradient	D02	D03	Detection
GWA-49	Upgradient	D02	D03	Detection
GWC-29	Downgradient	D02	D03	Detection
GWC-50	Downgradient	D02	D03	Detection
GWC-51	Downgradient	D02	D03	Detection
GWC-52	Downgradient	D02	D03	Detection
GWC-53	Downgradient	D02	D03	Detection

Notes:

BGXX = Background Event and Number

Dxx - Detection Event Number

V = Verification Event

TABLE 3.
SUMMARY OF GROUNDWATER ELEVATIONS
Georgia Power - Plant Scherer
Juliette, GA



Well ID	Top of Casing Elevation (feet/MSL)	GROUNDWATER ELEVATIONS (FEET MSL)												
		4/19/2016	5/10/2016	6/16/2017	8/8/2016	10/3/2016	11/28/2016	2/6/2017	4/4/2017	6/19/2017	10/3/2017	3/19/2018	6/4/2018	10/1/2018
CELL 1														
GWC-1	374.75	367.48	368.05	365.57	364.15	363.65	363.64	366.47	366.47	365.23	364.40	366.76	367.22	365.33
GWC-2	380.03	368.43	369.16	366.37	365.06	364.50	364.38	367.40	367.13	366.09	365.21	367.53	368.40	366.17
GWC-3	410.22	381.17	380.95	379.87	378.53	377.25	376.24	377.77	377.91	377.58	376.47	377.47	378.69	379.21
GWC-4	411.57	383.07	382.98	381.99	380.65	379.61	378.97	380.19	380.64	380.27	379.44	380.25	380.95	380.68
GWC-5	396.50	379.88	380.05	378.06	376.69	375.66	374.79	376.89	376.98	376.65	375.86	376.96	378.28	377.03
GWC-6	415.70	379.89	379.66	379.18	377.89	376.54	375.50	415.70	376.76	376.52	376.24	376.46	377.48	377.80
GWC-7	418.07	377.96	377.96	376.90	376.04	375.45	405.08	375.87	375.98	375.58	375.21	375.77	376.25	376.04
GWC-8	407.80	379.07	379.31	377.85	377.52	377.36	377.25	378.54	--	--	--	--	--	--
GWC-8A	401.47	Well Installed April 2017 to replace GWC-8							379.14	378.79	378.52	379.15	379.79	378.48
GWC-9	386.01	379.25	379.80	378.16	378.67	378.65	378.69	379.51	379.61	378.96	378.79	379.41	379.71	378.70
GWC-10	392.68	383.01	383.38	381.64	381.26	380.99	381.12	382.75	382.79	382.07	381.73	382.78	383.18	381.69
GWC-11	402.19	385.48	386.01	383.76	382.89	382.57	382.75	385.29	385.12	384.54	383.94	385.38	385.76	383.91
GWC-12	412.75	389.66	390.11	387.57	386.23	385.55	385.18	388.27	388.51	387.81	386.57	388.89	389.58	387.44
GWC-13	419.58	390.96	391.52	389.14	387.85	387.17	387.18	390.08	390.13	389.33	388.45	390.31	390.84	389.08
GWC-14	403.41	391.45	392.19	390.09	389.37	388.96	389.27	391.20	391.00	390.31	390.00	391.17	391.63	390.07
GWA-15	414.82	404.82	405.36	402.87	401.60	400.85	400.49	403.18	403.07	402.39	401.55	403.77	404.27	402.01
GWA-16	444.06	441.36	413.47	412.09	410.46	409.36	408.56	411.01	411.50	410.88	409.72	411.12	412.10	410.70
GWA-17	445.63	413.31	413.15	413.62	413.61	413.25	412.81	412.23	412.46	412.80	412.88	412.72	413.22	409.06
GWC-18	439.64	404.96	404.69	405.21	404.99	404.57	404.12	403.61	403.94	404.03	403.88	404.04	404.64	405.34
GWC-19	429.98	396.63	396.49	396.40	395.79	395.98	394.73	394.88	395.30	395.16	394.74	395.00	395.53	396.31
GWC-20	426.09	387.19	387.06	385.85	384.29	383.04	382.04	384.47	383.76	383.81	382.59	383.30	385.62	385.72

TABLE 3.
SUMMARY OF GROUNDWATER ELEVATIONS
Georgia Power - Plant Scherer
Juliette, GA



Well ID	Top of Casing Elevation (feet/MSL)	GROUNDWATER ELEVATIONS (FEET MSL)												
		4/19/2016	5/10/2016	6/16/2017	8/8/2016	10/3/2016	11/28/2016	2/6/2017	4/4/2017	6/19/2017	10/3/2017	3/19/2018	6/4/2018	10/1/2018
PAC ASH CELL														
GWA-21	422.30	401.62	419.84	417.78	416.09	415.01	414.28	417.56	417.23	416.32	415.01	416.70	418.44	415.91
GWA-22	444.23	413.71	424.21	421.31	419.02	417.65	416.78	420.17	420.00	418.83	417.19	418.73	420.92	418.17
GWA-45	450.89	439	439.86	436.32	433.83	432.49	431.26	436.65	436.79	434.80	432.95	435.98	436.94	433.05
GWA-46	460.86	431.84	431.64	431.10	457.58	428.39	427.42	428.75	429.16	428.74	427.61	428.28	428.97	427.96
GWA-47	465.55	427.95	427.74	428.44	427.85	426.87	425.95	425.53	425.65	425.34	424.72	424.17	424.47	424.97
GWA-48	461.47	426.51	426.17	426.27	425.24	424.04	423.02	422.65	423.61	423.07	422.19	421.93	422.74	422.54
GWA-49	432.61	424.89	426.17	422.33	419.98	418.65	418.06	421.84	421.31	419.82	418.12	420.06	422.24	419.10
GWC-29	399.39	394.04	394.18	393.71	393.55	393.43	393.48	394.37	393.82	393.68	393.64	394.01	394.19	393.74
GWC-50	406.92	398.85	399.05	398.15	397.69	397.34	397.2	398.14	398.10	397.79	397.42	398.12	398.57	397.64
GWC-51	409.89	401.55	401.76	401.19	400.88	400.77	400.47	401.28	401.16	400.95	400.88	401.39	401.87	401.07
GWC-52	416.89	407.99	408.04	407.88	407.75	407.61	407.49	407.82	407.78	407.72	407.69	407.85	407.94	407.73
GWC-53	435.57	426.65	426.83	425.59	424.43	423.63	422.86	425.49	425.17	424.60	423.89	425.18	425.69	423.98

Notes:

Feet MSL = feet above mean sea level

NM = Not Measured

TABLE 4A.
GROUNDWATER VELOCITY CALCULATIONS - MARCH 2018
Georgia Power - Plant Scherer
Juliette, GA

Flow Paths	Groundwater Elevation (feet msl)	Δh (feet) ²	Δl (feet) ³	Hydraulic Gradient ($\Delta h/\Delta l$)	Average Hydraulic Conductivity, K (feet per day) ⁵	Assumed Effective Porosity (n _e)	Average Linear Groundwater Velocity	
							(feet per day) ⁴	(feet per year) ⁴
Cell 1:								
GWA-17/GWC-7	412.72	36.95	2123.35	0.017	1.860	0.2	0.16	59.1
	375.77							
GWA-19/GWC-3	395.00	17.53	643	0.0273	1.86	0.2	0.25	92.5
	377.47							
PAC Ash:								
GWA-45/GWC-51	435.98	34.59	997.00	0.035	1.860	0.2	0.32	117.8
	401.39							
GWA-47/GWC-50	424.17	26.05	1016.00	0.026	1.860	0.2	0.24	87.0
	398.12							

Notes:

1. ΔH = Change in groundwater elevation.
2. ΔL = Distance along flow path.
3. $I = \Delta H / \Delta L$.
4. Velocity = $(I * K)/n_e$.
5. Hydraulic conductivity range based on historic aquifer performance tests.
6. Effective porosity based on fracture occurrence.

TABLE 4B.
GROUNDWATER VELOCITY CALCULATIONS - OCTOBER 2018
Georgia Power - Plant Scherer
Juliette, GA

Flow Paths	Groundwater Elevation (feet msl)	Δh (feet) ²	Δl (feet) ³	Hydraulic Gradient ($\Delta h/\Delta l$)	Average Hydraulic Conductivity, K (feet per day) ⁵	Assumed Effective Porosity (n _e)	Average Linear Groundwater Velocity	
							(feet per day) ⁴	(feet per year) ⁴
Cell 1:								
GWA-17/GWC-7	409.06	33.02	2123.35	0.016	1.860	0.2	0.1	52.8
	376.04							
GWC-19/GWC-3	396.31	17.10	643	0.0266	1.86	0.2	0.2	90.3
	379.21							
PAC Ash:								
GWA-45/GWC-51	433.05	31.98	997.00	0.032	1.860	0.2	0.3	108.9
	401.07							
GWA-47/GWC-50	424.97	27.33	1016.00	0.027	1.860	0.2	0.3	91.3
	397.64							

Notes:

1. ΔH = Change in groundwater elevation.
2. ΔL = Distance along flow path.
3. $I = \Delta H / \Delta L$.
4. Velocity = $(I * K)/n_e$.
5. Hydraulic conductivity range based on historic aquifer performance tests.
6. Effective porosity based on fracture occurrence.

TABLE 5A.
ANALYTICAL DATA SUMMARY CELL 1 (MARCH 2018)
GPC PLANT SCHERER
JULIETTE, GEORGIA

Analyte	Units	SCREENING/TARGET LEVELS			GROUNDWATER MONITORING WELLS																			
		GA MCL	RL	MDL	GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
APPENDIX III			Sample Date:		3/20/2018	3/20/2018	3/20/2018	3/20/2018	3/20/2018	3/21/2018	3/21/2018	3/22/2018	3/21/2018	3/22/2018	3/22/2018	3/21/2018	3/21/2018	3/21/2018	3/21/2018	3/22/2018	3/20/2018	3/20/2018	3/20/2018	3/21/2018
BORON, TOTAL	mg/L	N/R	0.05	0.021	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.48	<0.050	<0.050	0.25	0.089	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
CALCIUM, TOTAL	mg/L	N/R	0.23	0.13	4.2	12	6.6	18	18	9.3	15	130	19	15	30	19	17	13	1.3	6.8	6.6	11	12	14
CHLORIDE, TOTAL	mg/L	N/R	1.0	0.89	5.6	1.5	1.4	3.9	2	3.4	13	74	5.4	1.6	7	3.6	2.3	1.6	1.6	1.4	2.7	2.3	1.6	1.8
FLUORIDE, TOTAL	mg/L	4	0.2	0.082	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.094 J	<0.20	<0.20	<0.20	0.091 J	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
pH	S.U.	5.5-7.5	N/R	N/R	5.48	6.36	5.97	6.63	6.52	5.96	6.23	5.9	6.21	6.34	7.05	6.76	6.56	6.21	5.33	5.88	5.73	6.34	6.37	6.5
SULFATE, TOTAL	mg/L	N/R	1.0	0.7	1.20	<1.0	<1.0	0.95 J	<1.0	<1.0	4.9	400	9.5	<1.0	39	12	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL DISSOLVED SOLIDS	mg/L	N/R	5.0	3.4	20 J	110	90	110	120	98	160	1000	170	130	220	160	120	100	28 J	76	42	92	100	100
STATE PARAMETERS																								
ANTIMONY, TOTAL	mg/L	0.006	0.0025	0.001	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
ARSENIC, TOTAL	mg/L	0.01	0.0013	0.00046	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.00089 J	<0.0013	0.00046 J	<0.0013	<0.0013	0.00075 J	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.00078 J
BARIUM, TOTAL	mg/L	2.0	0.0025	0.00049	0.010	0.023	0.027	0.042	0.045	<0.018	0.045	0.048	0.056	0.035	0.019	0.021	<0.028	<0.016	<0.017	0.034	0.0091	0.033	0.019	<0.03
BERYLLIUM, TOTAL	mg/L	0.004	0.0025	0.00034	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
CADMIUM, TOTAL	mg/L	0.005	0.0025	0.00034	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
CHROMIUM, TOTAL	mg/L	0.1	0.0025	0.0011	<0.0025	0.0044	0.006	0.013	0.0099	0.0093	<0.0062	0.0086 J	0.012	0.0086 J	0.0079 J	<0.0046	0.017 J	<0.0081	<0.0025	0.028 J	<0.0025	0.014	0.0097	<0.0085
COBALT, TOTAL	mg/L	N/R	0.0025	0.0004	0.0018 J	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
COPPER, TOTAL	mg/L	N/R	0.0025	0.0021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0038	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
LEAD, TOTAL	mg/L	N/R	0.0013	0.00035	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
MERCURY, TOTAL	mg/L	0.002	0.0002	0.00007	<0.00020	<0.00020	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.0002	<0.00020
NICKEL, TOTAL	mg/L	0.1	0.0025	0.0018	<0.0025	0.04	<0.0025	<0.0025	<0.0025	0.0022 J	<0.0025	0.0019 J	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
SELENIUM, TOTAL	mg/L	0.05	0.0013	0.00024	<0.0013	<0.0013	<0.0013	<0.0013	<0.00013	<0.0013	<0.0013	0.038	<0.0013	<0.0013	0.00032 J	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
SILVER, TOTAL	mg/L	N/R	0.00025	0.00011	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
THALLIUM, TOTAL	mg/L	0.002	0.0005	8.5E-05	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
VANADIUM, TOTAL	mg/L	N/R	0.0025	0.0014	<0.0025	0.0067	0.0041	0.016	0.014	0.0097	0.0058	0.0018 J	0.0077	0.012	0.0043	0.018	0.012	0.0098	<0.0025	<0.0025	<0.0025	0.0064	0.0072	0.021
ZINC, TOTAL	mg/L	N/R	0.02	6.5E-03	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.0086 J	<0.020	<0.020	<0.020	<0.020	<0.020	0.007 J	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020

NOTES:

1. Results bolded denote a MCL exceedance.

2. ug/L - Micrograms per Liter

3. mg/L - Milligrams per Liter

4. N/R - Indicates consituent is not regulated by Hazardous Site Response Act

5. MDL - Method Detection Limit.

6. J - Result is an estimated value. The result is greater than or equal to the Method Detection Limit (MDL) and less than the Practical Quantitation Limit (PQL). Values are displayed as less that the PQL with a J.

7. "<" - Constituent was analyzed for, but was not detected above the MDL and is considered a non-detect. Values displayed as less than PQL.

8. GA MCL/SMCL - Georgia Maximum Contaminant Level/Secondary Contaminant Level - Georgia Department of Natural Resources Environmental Protection Division Chapter 391-3-4 Solid Waste management Rule.

9. USEPA - Maximum Contaminant Level/Secondary Contaminant Level - United States Environmental Protection Agency (USEPA) Table of Regulated Drinking Water Contaminants (updated June 2016). Available at <https://www.epa.gov/ground-water-and-drinking-water/table-regulated-drinking-water-contaminants>. USEPA Secondary Drinking Water Standards: Guidance for Nuisance Chemicals (updated January 2016). Available at <https://www.epa.gov/dwstandardsregulations/secondary-drinking-water-standards-guidance-nuisance-chemicals>.

TABLE 5B.
ANALYTICAL DATA SUMMARY PAC ASH CELL (March 2018)
GPC PLANT SCHERER
JULIETTE, GEORGIA

Analyte	Units	SCREENING/TARGET LEVELS					GROUNDWATER MONITORING WELLS											
		GA MCL	GA SMCL	US EPA	RL	MDL	GWA-21	GWA-22	GWA-45	GWA-46	GWA-47	GWA-48	GWA-49	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
APPENDIX III		Sample Date:					3/26/2018	3/26/2018	3/22/2018	3/23/2018	3/22/2018	3/23/2018	3/22/2018	3/26/2018	3/23/2018	3/26/2018	3/26/2018	3/26/2018
BORON, TOTAL	mg/L	N/R	N/R	N/R	0.05	0.021	ND	ND	0.66	ND	ND	ND	ND	ND	ND	ND	ND	0.91
CALCIUM, TOTAL	mg/L	N/R	N/R	N/R	0.23	0.13	9.3	8.7	39	6.6	11	13	14	11	7.5	7.0	15	19
CHLORIDE, TOTAL	mg/L	N/R	250	N/R	1	0.89	3.8	1.9	9.7	3.6	1.3	1.6	1.9	3.1	1.9	6.6	7.8	11
FLUORIDE, TOTAL	mg/L	4	2	4	0.2	0.082	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH	S.U.	5.5-7.5	N/R	N/R	N/R	N/R	5.76	6.06	6.2	5.89	6.46	6.92	7	5.91	5.98	5.98	6.77	5.78
SULFATE, TOTAL	mg/L	N/R	250	250	1	0.7	2.3	ND	150	ND	ND	1.3	ND	2.4	ND	ND	20	160
TOTAL DISSOLVED SOLIDS	mg/L	N/R	500	500	5	3.4	94	56	310	52	92	86	100	58	96	72	98	240
STATE PARAMETERS																		
ANTIMONY, TOTAL	mg/L	0.006	N/R	N/R	0.0025	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ARSENIC, TOTAL	mg/L	0.01	N/R	N/R	0.0013	0.00046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BARIUM, TOTAL	mg/L	2	N/R	N/R	0.0025	0.00049	0.026	0.022	0.049 / 0.05	0.02	0.024	0.012	0.018	0.015	0.011	0.0094	0.013	0.05
BERYLLIUM, TOTAL	mg/L	0.004	N/R	N/R	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM, TOTAL	mg/L	0.005	N/R	N/R	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHROMIUM, TOTAL	mg/L	0.1	N/R	N/R	0.0025	0.0011	ND (0.0011 J)	0.0088	ND	0.0045	0.0074	0.005	0.0051	ND (0.0013 J)	0.0042	0.0028	0.012	ND (0.0014 J)
COBALT, TOTAL	mg/L	N/R	N/R	N/R	0.0025	0.0004	ND (0.00088 J)	ND	ND (0.0015 J)	ND	ND	ND	ND	ND	ND	ND	ND	0.0069
COPPER, TOTAL	mg/L	N/R	1	1.0	1.3	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD, TOTAL	mg/L	N/R	N/R	0.015	0.0013	0.00035	ND	ND	ND	ND	ND (0.00096 J)	ND	ND	ND	ND	ND	0.0034	ND
MERCURY, TOTAL	mg/L	0.002	N/R	N/R	0.0002	0.00007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL, TOTAL	mg/L	0.1	N/R	N/R	0.0025	0.0018	ND	ND	ND	ND	ND	ND	ND	0.0037	ND	ND ('0.0021 J)	ND	0.0075
SELENIUM, TOTAL	mg/L	0.05	N/R	N/R	0.0013	0.00024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SILVER, TOTAL	mg/L	N/R	0.1	N/R	0.00025	0.00011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
THALLIUM, TOTAL	mg/L	0.002	N/R	N/R	0.0005	8.5E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VANADIUM, TOTAL	mg/L	N/R	N/R	N/R	0.0025	0.0014	ND (0.0014 J)	0.0029	ND	0.0032	0.0068	0.016	0.018	0.0037	ND ('0.0023 J)	0.004	0.0096	ND
ZINC, TOTAL	mg/L	N/R	5	N/R	0.02	6.5E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (0.016 J)

NOTES:

1. Results bolded and highlighted denote a MCL/SMCL exceedance.
2. ug/L - Micrograms per Liter
3. mg/L - Milligrams per Liter
4. N/R - Indicates consituent is not regulated by Hazardous Site Response Act
5. MDL - Method Detection Limit.
6. J - Result is an estimated value. The result is greater than or equal to the Method Detection Limit (MDL) and less than the Practical Quantitation Limit (PQL). Values are displayed as less that the PQL with a J.
7. "<" - Constituent was analyzed for, but was not detected above the MDL and is considered a non-detect. Values displayed as less than PQL.
8. GA MCL/SMCL - Georgia Maximum Contaminant Level/Secondary Contaminant Level - Georgia Department of Natural Resources Environmental Protection Division Chapter 391-3-4 Solid Waste management Rule.
9. USEPA - Maximum Contaminant Level/Secondary Contaminant Level - United States Environmental Protection Agency (USEPA) Table of Regulated Drinking Water Contaminants (updated June 2016). Available at <https://www.epa.gov/ground-water-and-drinking-water/table-regulated-drinking-water-contaminants>. USEPA Secondary Drinking Water Standards: Guidance for Nuisance Chemicals (updated January 2016). Available at <https://www.epa.gov/dwstandardsregulations/secondary-drinking-water-standards-guidance-nuisance-chemicals>.

TABLE 5C.
ANALYTICAL DATA SUMMARY CELL 1 (OCTOBER 2018
)GPC PLANT SCHERER
JULIETTE, GEORGIA



Analyte	SCREENING/TARGET LEVELS			GROUNDWATER MONITORING WELLS																			
	GA MCL	RL	MDL	GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
APPENDIX III	Sample Date:			10/2/2018	10/2/2018	10/2/2018	10/2/2018	10/2/2018	10/3/2018	10/3/2018	10/3/2018	10/3/2018	10/4/2018	10/4/2018	10/2/2018	10/2/2018	10/2/2018	10/2/2018	10/3/2018	10/2/2018	10/2/2018	10/2/2018	10/3/2018
BORON, TOTAL	N/R	0.05	0.021	ND	ND	ND	ND	ND	ND	ND	0.47	ND	ND	0.21	0.083	ND	ND	ND	ND	ND	ND	ND	ND
CALCIUM, TOTAL	N/R	0.23	0.13	4.2	11	5.8	16	16	7.5	13	88	16	13	37	16	17	12	0.86	6.4	6.5	9.6	11	13
CHLORIDE, TOTAL	N/R	1.0	0.89	6.3	1.6	1.5	3.7	2.0	3.5	13	46	5.7	1.7	6.1	3.1	2.6	1.7	1.6	1.5	3.00	2.5	1.7	2.0
FLUORIDE, TOTAL	4	0.2	0.082	ND	ND	ND	ND (0.089 J)	ND	ND	ND (0.1 J)	ND	ND	ND	ND (0.14 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH	5.5-7.5	N/R	N/R	5.49	6.38	6.03	6.57	6.51	5.97	6.25	5.74	6.22	6.36	7.26	6.65	6.35	6.21	5.16	5.95	5.68	6.38	6.41	6.48
SULFATE, TOTAL	N/R	1.0	0.7	ND	ND	ND	ND	ND	ND	2.9	270	10	ND	30	8.2	1.2	ND	ND	ND	ND	ND	ND	ND
TOTAL DISSOLVED SOLIDS	N/R	5.0	3.4	48	110	90	140	140	60	120	620	120	110	170	34	150	120	38	22	40	100	130	130
STATE PARAMETERS																							
ANTIMONY, TOTAL	0.006	0.0025	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ARSENIC, TOTAL	0.01	0.0013	0.00046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BARIUM, TOTAL	2	0.0025	0.00049	0.0099	0.023	0.027	0.043	0.044	0.016	0.042	0.036	0.051	0.031	0.012	0.023	0.029	0.016	0.016	0.03	0.0096	0.032	0.018	0.028
BERYLLIUM, TOTAL	0.004	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM, TOTAL	0.005	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHROMIUM, TOTAL	0.1	0.0025	0.0011	ND	0.0043	0.0061	0.014	0.01	0.0081	0.0039	0.003	0.0042	0.0083	ND	0.0081	0.018	0.0075	ND (0.0012 J)	0.0056	ND	0.014	0.0097	0.0091
COBALT, TOTAL	N/R	0.0025	0.0004	ND (0.0011 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (0.00048 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
COPPER, TOTAL	1.3	0.0025	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD, TOTAL	0.015	0.0013	0.00035	ND	ND	ND	ND	ND	ND (0.00037 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MERCURY, TOTAL	0.002	0.0002	0.00007	ND	ND (0.00012 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL, TOTAL	0.1	0.0025	0.0018	ND	ND	ND	ND	ND	ND (0.0018 J)	ND	ND	ND	ND	ND	ND	ND (0.0018)	ND	ND	ND	ND	ND	ND	ND
SELENIUM, TOTAL	0.05	0.0013	0.00024	ND	ND	ND	ND	ND	ND	ND	0.021	ND (0.00056 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SILVER, TOTAL	0.1	0.00025	0.00011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
THALLIUM, TOTAL	0.002	0.0005	8.5E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VANADIUM, TOTAL	N/R	0.0025	0.0014	ND	0.0069	0.004	0.017	0.015	0.0053	0.006	ND (0.0018 J)	0.0081	0.012	ND	0.021	0.012	0.010	ND	ND	ND	0.0064	0.0073	0.017
ZINC, TOTAL	5	0.02	6.5E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.022	ND	ND	ND	ND	ND	ND

NOTES:

1. Results bolded and highlighted denote a MCL/SMCL exceedance.
2. ug/L - Micrograms per Liter
3. mg/L - Milligrams per Liter
4. N/R - Indicates consitiuent is not regulated by Hazardous Site Response Act
5. MDL - Method Detection Limit.
6. J - Result is an estimated value. The result is greater than or equal to the Method Detection Limit (MDL) and less than the Practical Quantitation Limit (PQL). Values are displayed as less that the PQL with a J.
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USEPA Secondary Drinking Water Standards: Guidance for Nuisance Chemicals (updated January 2016). Available at <https://www.epa.gov/dwstandardsregulations/secondary-drinking-water-standards-guidance-nuisance-chemicals>.
10. During October 2018 sampling event. Mercury results were affected by blank detections. Cross contamination was suspected at the laboratory. Samples were re-prepped and re-ran. Reanalyses results are show.

TABLE 5D.
ANALYTICAL DATA SUMMARY PAC ASH CELL (OCTOBER 2018
)GPC PLANT SCHERER
JULIETTE, GEORGIA



Analyte	Units	SCREENING/TARGET LEVELS				GROUNDWATER MONITORING WELLS											
		GA MCL	GA SMCL	RL	MDL	GWA-21	GWA-22	GWA-45	GWA-46	GWA-47	GWA-48	GWA-49	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
APPENDIX III		Sample Date:				10/3/2018	10/3/2018	10/3/2018	10/4/2018	10/5/2018	10/3/2018	10/3/2018	10/4/2018	10/4/2018	10/4/2018	10/4/2018	10/4/2018
BORON, TOTAL	mg/L	N/R	N/R	0.05	0.021	ND	ND	0.89	ND	ND	ND	ND	ND	ND	ND	ND	0.92
CALCIUM, TOTAL	mg/L	N/R	N/R	0.23	0.13	7.8	6.1	41	5.4	11	12	14	10	6.7	6.4	14	17
CHLORIDE, TOTAL	mg/L	N/R	250	1	0.89	4.0	2.9	10.0	3.9	1.4	1.6	2.0	3.1	1.9	6.9	8.1	12.0
FLUORIDE, TOTAL	mg/L	4	2	0.2	0.082	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH	S.U.	5.5-7.5	N/R	N/R	N/R	5.78	5.83	6.03	5.86	6.47	6.81	6.93	5.83	5.85	6.67	6.67	5.56
SULFATE, TOTAL	mg/L	N/R	250	1	0.7	1.9	ND	140	ND	ND	1.2	ND	2.8	ND	ND	23	170
TOTAL DISSOLVED SOLIDS	mg/L	N/R	500	5	3.4	72	42	190	48	90	88	96	130	110	96	190	320
STATE PARAMETERS																	
ANTIMONY, TOTAL	mg/L	0.006	N/R	0.0025	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ARSENIC, TOTAL	mg/L	0.01	N/R	0.0013	0.00046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BARIUM, TOTAL	mg/L	2	N/R	0.0025	0.00049	0.022	0.022	0.042	0.019	0.026	0.012	0.018	0.018	0.012	0.0093	0.013	0.042
BERYLLIUM, TOTAL	mg/L	0.004	N/R	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM, TOTAL	mg/L	0.005	N/R	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHROMIUM, TOTAL	mg/L	0.1	N/R	0.0025	0.0011	ND (0.0014 J)	0.0086	ND	0.0047	0.0083	0.0051	0.0052	ND (0.0014 J)	0.005	0.0041	0.016	ND
COBALT, TOTAL	mg/L	N/R	N/R	0.0025	0.0004	ND (0.0014 J)	ND	ND (0.0018 J)	ND	ND	ND	ND	ND	ND	ND	ND	0.016
COPPER, TOTAL	mg/L	N/R	1	1.3	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD, TOTAL	mg/L	N/R	N/R	0.0013	0.00035	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MERCURY, TOTAL	mg/L	0.002	N/R	0.0002	0.00007	ND (0.000088 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL, TOTAL	mg/L	0.1	N/R	0.0025	0.0018	ND	ND	ND	ND	ND	ND	ND	0.0037	ND	ND (0.0024 J)	ND	0.0073
SELENIUM, TOTAL	mg/L	0.05	N/R	0.0013	0.00024	ND	ND	ND	ND	ND	ND	ND	ND (0.00032 J)	ND	ND	ND (0.0004 J)	ND
SILVER, TOTAL	mg/L	N/R	0.1	0.00025	0.00011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
THALLIUM, TOTAL	mg/L	0.002	N/R	0.0005	8.5E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VANADIUM, TOTAL	mg/L	N/R	N/R	0.0025	0.0014	ND (0.0023 J)	ND (0.0022 J)	ND	0.0034	0.0092	0.017	0.018	0.0053	0.0037	0.0066	0.013	0.0037
ZINC, TOTAL	mg/L	N/R	5	0.02	6.5E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND (0.0076 J)	ND	ND	ND (0.017 J)

NOTES:

- Results bolded and highlighted denote a MCL/SMCL exceedance.
- ug/L - Micrograms per Liter
- mg/L - Milligrams per Liter
- N/R - Indicates consitiuent is not regulated by Hazardous Site Response Act
- MDL - Method Detection Limit.
- J - Result is an estimated value. The result is greater than or equal to the Method Detection Limit (MDL) and less than the Practical Quantitation Limit (PQL). Values are displayed as less that the PQL with a J.
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- GA MCL/SMCL - Georgia Maximum Contaminant Level/Secondary Contaminant Level - Georgia Department of Natural Resources Environmental Protection Division Chapter 391-3-4 Solid Waste management Rule.
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- During October 2018 sampling event. Mercury results were affected by blank detections noted with "B". Cross contamination was suspected at the laboratory. Samples were re-prepped and re-ran. Reanalyses results are shown.

APPENDIX A

**Analytical Laboratory Reports &
Field Data Forms**

ANALYTICAL LABORATORY REPORTS & FIELD DATA FORMS

March 2018

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-151170-1

TestAmerica Sample Delivery Group: Landfill Cell #1

Client Project/Site: CCR - Plant Scherer

For:

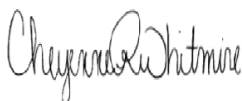
Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



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4/12/2018 4:43:08 PM

Cheyenne Whitmire, Project Manager II

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Job ID: 400-151170-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-151170-1

HPLC/IC

Method(s) 300.0: The following sample was diluted to bring the concentration of target analytes within the calibration range: GWC-5 (400-151170-25). Elevated reporting limits (RLs) are provided.

Metals

Method(s) 6020: The method blank for preparation batch 391209 and analytical batch 391487 contained Selenium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 391209 and analytical batch 391487 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6020: The matrix spike (MS) recoveries for preparation batch 392217 and analytical batch 393106 were outside control limits. Insufficient spike in the matrix spike is suspected. The associated laboratory control sample (LCS) and post digestion spike (PDS) recoveries are within acceptance limits.

Method(s) 6020: The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 392217 and analytical batch 393106 was outside the 20% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated %RPD values were obtained.

Method(s) 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 392265 and analytical batch 393106 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6020: The following sample was diluted to bring the concentration of target analytes within the calibration range: GWC-5 (400-151170-25). Elevated reporting limits (RLs) are provided.

Method(s) 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 392489 and analytical batch 392873 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-2

Lab Sample ID: 400-151170-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.045		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.014		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	18		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0099		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00059	J B	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.00012	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	120		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-1 (LF)

Lab Sample ID: 400-151170-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.00094	J B	0.0013	0.00024	mg/L	5		6020	Total Recoverable

Client Sample ID: GWC-1

Lab Sample ID: 400-151170-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.9		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	0.95	J	1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.042		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.016		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	18		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.013		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00037	J B	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.00011	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	110		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FD-1 (LF)

Lab Sample ID: 400-151170-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.6		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.1		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.011		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	4.2		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0018	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Selenium	0.00025	J B	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.000092	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	38		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWA-15

Lab Sample ID: 400-151170-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	5.6		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate	1.2		1.0	0.70	mg/L	1			300.0	Total/NA
Barium	0.010		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Calcium	4.2		0.25	0.13	mg/L	5			6020	Total Recoverable
Cobalt	0.0018	J	0.0025	0.00040	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	20		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: FB-1 (LF)

Lab Sample ID: 400-151170-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Mercury	0.00015	J	0.00020	0.000070	mg/L	1			7470A	Total/NA

Client Sample ID: GWA-16

Lab Sample ID: 400-151170-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1.5		1.0	0.89	mg/L	1			300.0	Total/NA
Nickel	0.040		0.0025	0.0018	mg/L	5			6020	Total Recoverable
Barium	0.023		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Vanadium	0.0067		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Calcium	12		0.25	0.13	mg/L	5			6020	Total Recoverable
Chromium	0.0044		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	110		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWA-17

Lab Sample ID: 400-151170-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.027		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Vanadium	0.0041		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Calcium	6.6		0.25	0.13	mg/L	5			6020	Total Recoverable
Chromium	0.0060		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Mercury	0.00014	J	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	90		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-18

Lab Sample ID: 400-151170-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2.3		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.033		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Vanadium	0.0064		0.0025	0.0014	mg/L	5			6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-18 (Continued)

Lab Sample ID: 400-151170-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Calcium	11		0.25	0.13	mg/L	5			6020	Total Recoverable
Chromium	0.014		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	92		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-19

Lab Sample ID: 400-151170-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.019		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Vanadium	0.0072		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Calcium	12		0.25	0.13	mg/L	5			6020	Total Recoverable
Chromium	0.0097		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Mercury	0.00020		0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	100		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-14

Lab Sample ID: 400-151170-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2.7		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.0091		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Calcium	6.6		0.25	0.13	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	42		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-9

Lab Sample ID: 400-151170-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	3.6		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate	12		1.0	0.70	mg/L	1			300.0	Total/NA
Barium	0.021		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Boron	0.089		0.050	0.021	mg/L	5			6020	Total Recoverable
Calcium	19		0.25	0.13	mg/L	5			6020	Total Recoverable
Selenium	0.00040	J	0.0013	0.00024	mg/L	5			6020	Total Recoverable
Copper - RA	0.0038		0.0025	0.0021	mg/L	5			6020	Total Recoverable
Vanadium - RA	0.018		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Chromium - RA	0.0046		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	160		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: EB-2 (LF)

Lab Sample ID: 400-151170-13

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: EB-2 (LF) (Continued)

Lab Sample ID: 400-151170-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0069		0.0025	0.00049	mg/L	5		6020	Total Recoverable

Client Sample ID: GWC-10

Lab Sample ID: 400-151170-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.3		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.1		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.028		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.012		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	17		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.017		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	120		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FD-2 (LF)

Lab Sample ID: 400-151170-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.016		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	1.3		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00058	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Vanadium - RA	0.0051		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Chromium - RA	0.0013	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	4.0	J	5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-11

Lab Sample ID: 400-151170-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.016		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0098		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Zinc	0.0070	J	0.020	0.0065	mg/L	5		6020	Total Recoverable
Calcium	13		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0081		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	100		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-12

Lab Sample ID: 400-151170-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-12 (Continued)

Lab Sample ID: 400-151170-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.017		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	1.3		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0014	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	28		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-3

Lab Sample ID: 400-151170-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.4		1.0	0.89	mg/L	1		300.0	Total/NA
Arsenic - RA	0.00089	J	0.0013	0.00046	mg/L	5		6020	Total Recoverable
Nickel - RA	0.0022	J	0.0025	0.0018	mg/L	5		6020	Total Recoverable
Barium - RA	0.018		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium - RA	0.0097		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium - RA	9.3		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium - RA	0.0093		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	98		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-2 (LF)

Lab Sample ID: 400-151170-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.0030		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00026	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable

Client Sample ID: GWC-20

Lab Sample ID: 400-151170-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.8		1.0	0.89	mg/L	1		300.0	Total/NA
Arsenic - RA	0.00078	J	0.0013	0.00046	mg/L	5		6020	Total Recoverable
Barium - RA	0.030		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium - RA	0.021		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium - RA	14		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium - RA	0.0085		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	100		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-6

Lab Sample ID: 400-151170-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.4		1.0	0.89	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-6 (Continued)

Lab Sample ID: 400-151170-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	9.5		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.056		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0077		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	19		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.012		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00038	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.00011	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	170		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-4

Lab Sample ID: 400-151170-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	13		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.094	J	0.20	0.082	mg/L	1		300.0	Total/NA
Sulfate	4.9		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.045		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0058		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	15		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0062		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00029	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.00012	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	160		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-13

Lab Sample ID: 400-151170-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.034		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	6.8		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.028		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Mercury	0.00012	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	76		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-7

Lab Sample ID: 400-151170-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.035		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.012		0.0025	0.0014	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-7 (Continued)

Lab Sample ID: 400-151170-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	15		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0086	F1	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Mercury	0.000099	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	130		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-5

Lab Sample ID: 400-151170-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride - DL	74		10	8.9	mg/L	10		300.0	Total/NA
Sulfate - DL	400		10	7.0	mg/L	10		300.0	Total/NA
Arsenic	0.00046	J	0.0013	0.00046	mg/L	5		6020	Total Recoverable
Nickel	0.0019	J	0.0025	0.0018	mg/L	5		6020	Total Recoverable
Barium	0.048		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0018	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable
Boron	0.48		0.050	0.021	mg/L	5		6020	Total Recoverable
Zinc	0.0086	J	0.020	0.0065	mg/L	5		6020	Total Recoverable
Chromium	0.0086		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.038		0.0013	0.00024	mg/L	5		6020	Total Recoverable
Calcium - DL	130		0.50	0.25	mg/L	10		6020	Total Recoverable
Mercury	0.000095	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	1000		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-8A

Lab Sample ID: 400-151170-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.0		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.091	J	0.20	0.082	mg/L	1		300.0	Total/NA
Sulfate	39		1.0	0.70	mg/L	1		300.0	Total/NA
Arsenic	0.00075	J	0.0013	0.00046	mg/L	5		6020	Total Recoverable
Barium	0.019		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0043		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Boron	0.25		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	30		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0079		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00032	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.000097	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	220		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-151170-1	GWC-2	Water	03/20/18 13:50	03/22/18 09:14
400-151170-2	EB-1 (LF)	Water	03/20/18 15:40	03/22/18 09:14
400-151170-3	GWC-1	Water	03/20/18 12:40	03/22/18 09:14
400-151170-4	FD-1 (LF)	Water	03/20/18 00:00	03/22/18 09:14
400-151170-5	GWA-15	Water	03/20/18 10:20	03/22/18 09:14
400-151170-6	FB-1 (LF)	Water	03/20/18 10:20	03/22/18 09:14
400-151170-7	GWA-16	Water	03/20/18 10:25	03/22/18 09:14
400-151170-8	GWA-17	Water	03/20/18 12:35	03/22/18 09:14
400-151170-9	GWC-18	Water	03/20/18 13:50	03/22/18 09:14
400-151170-10	GWC-19	Water	03/20/18 15:10	03/22/18 09:14
400-151170-11	GWC-14	Water	03/20/18 14:55	03/22/18 09:14
400-151170-12	GWC-9	Water	03/21/18 14:00	03/23/18 09:03
400-151170-13	EB-2 (LF)	Water	03/21/18 14:35	03/23/18 09:03
400-151170-14	GWC-10	Water	03/21/18 13:05	03/23/18 09:03
400-151170-15	FD-2 (LF)	Water	03/21/18 00:00	03/23/18 09:03
400-151170-16	GWC-11	Water	03/21/18 10:55	03/23/18 09:03
400-151170-17	GWC-12	Water	03/21/18 09:40	03/23/18 09:03
400-151170-18	GWC-3	Water	03/21/18 12:30	03/23/18 09:03
400-151170-19	FB-2 (LF)	Water	03/21/18 12:10	03/23/18 09:03
400-151170-20	GWC-20	Water	03/21/18 10:30	03/23/18 09:03
400-151170-21	GWC-6	Water	03/21/18 14:45	03/23/18 09:03
400-151170-22	GWC-4	Water	03/21/18 13:35	03/23/18 09:03
400-151170-23	GWC-13	Water	03/22/18 11:00	03/24/18 08:17
400-151170-24	GWC-7	Water	03/22/18 09:45	03/24/18 08:17
400-151170-25	GWC-5	Water	03/22/18 11:00	03/24/18 08:17
400-151170-26	GWC-8A	Water	03/22/18 09:55	03/24/18 08:17

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-2
Date Collected: 03/20/18 13:50
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-1
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.89	mg/L			04/03/18 05:32	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 05:32	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 05:32	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010	F1	0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 19:03	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 19:03	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 19:03	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 19:03	5
Barium	0.045		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 19:03	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 19:03	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:03	5
Vanadium	0.014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 19:03	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 19:03	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 19:03	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:03	5
Calcium	18		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 19:03	5
Chromium	0.0099		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 19:03	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 19:03	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 19:03	5
Selenium	0.00059	J B	0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 19:03	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 19:03	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00012	J	0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: EB-1 (LF)

Date Collected: 03/20/18 15:40

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-2

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/03/18 05:55	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 05:55	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 05:55	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 19:25	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 19:25	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 19:25	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 19:25	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 19:25	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 19:25	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:25	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 19:25	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 19:25	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 19:25	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:25	5
Calcium	<0.13		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 19:25	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 19:25	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 19:25	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 19:25	5
Selenium	0.00094	J B	0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 19:25	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 19:25	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 15:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-1
Date Collected: 03/20/18 12:40
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-3
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.9		1.0	0.89	mg/L			04/03/18 02:52	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 02:52	1
Sulfate	0.95	J	1.0	0.70	mg/L			04/03/18 02:52	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 19:30	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 19:30	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 19:30	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 19:30	5
Barium	0.042		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 19:30	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 19:30	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:30	5
Vanadium	0.016		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 19:30	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 19:30	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 19:30	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:30	5
Calcium	18		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 19:30	5
Chromium	0.013		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 19:30	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 19:30	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 19:30	5
Selenium	0.00037	J B	0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 19:30	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 19:30	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00011	J	0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: FD-1 (LF)

Date Collected: 03/20/18 00:00

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-4

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.6		1.0	0.89	mg/L			04/03/18 06:18	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 06:18	1
Sulfate	1.1		1.0	0.70	mg/L			04/03/18 06:18	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 19:34	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 19:34	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 19:34	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 19:34	5
Barium	0.011		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 19:34	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 19:34	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:34	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 19:34	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 19:34	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 19:34	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:34	5
Calcium	4.2		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 19:34	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 19:34	5
Cobalt	0.0018	J	0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 19:34	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 19:34	5
Selenium	0.00025	J B	0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 19:34	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 19:34	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000092	J	0.00020	0.000070	mg/L		03/31/18 15:08	04/05/18 12:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	38		5.0	3.4	mg/L			03/24/18 17:19	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWA-15

Date Collected: 03/20/18 10:20

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-5

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.6		1.0	0.89	mg/L			04/03/18 07:26	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 07:26	1
Sulfate	1.2		1.0	0.70	mg/L			04/03/18 07:26	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:02	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:02	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:02	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:02	5
Barium	0.010		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:02	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:02	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:02	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:02	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:02	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:02	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:02	5
Calcium	4.2		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:02	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:02	5
Cobalt	0.0018	J	0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:02	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:02	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:02	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:02	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	20		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: FB-1 (LF)

Date Collected: 03/20/18 10:20

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-6

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/03/18 07:49	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 07:49	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 07:49	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:06	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:06	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:06	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:06	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:06	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:06	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:06	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:06	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:06	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:06	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:06	5
Calcium	<0.13		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:06	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:06	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:06	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:06	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:06	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:06	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	J	0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWA-16

Date Collected: 03/20/18 10:25

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-7

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.89	mg/L			04/03/18 08:12	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 08:12	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 08:12	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:11	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:11	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:11	5
Nickel	0.040		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:11	5
Barium	0.023		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:11	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:11	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:11	5
Vanadium	0.0067		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:11	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:11	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:11	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:11	5
Calcium	12		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:11	5
Chromium	0.0044		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:11	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:11	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:11	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:11	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:11	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWA-17
Date Collected: 03/20/18 12:35
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-8
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.89	mg/L			04/03/18 09:24	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 09:24	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 09:24	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:15	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:15	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:15	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:15	5
Barium	0.027		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:15	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:15	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:15	5
Vanadium	0.0041		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:15	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:15	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:15	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:15	5
Calcium	6.6		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:15	5
Chromium	0.0060		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:15	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:15	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:15	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:15	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:15	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00014	J	0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	90		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-18
Date Collected: 03/20/18 13:50
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-9
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3		1.0	0.89	mg/L			04/03/18 09:49	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 09:49	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 09:49	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:19	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:19	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:19	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:19	5
Barium	0.033		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:19	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:19	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:19	5
Vanadium	0.0064		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:19	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:19	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:19	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:19	5
Calcium	11		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:19	5
Chromium	0.014		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:19	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:19	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:19	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:19	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:19	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	92		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-19
Date Collected: 03/20/18 15:10
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-10
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/03/18 10:15	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 10:15	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 10:15	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:24	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:24	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:24	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:24	5
Barium	0.019		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:24	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:24	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:24	5
Vanadium	0.0072		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:24	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:24	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:24	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:24	5
Calcium	12		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:24	5
Chromium	0.0097		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:24	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:24	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:24	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:24	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:24	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-14
Date Collected: 03/20/18 14:55
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-11
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.89	mg/L			04/03/18 06:41	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 06:41	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 06:41	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:28	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:28	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:28	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:28	5
Barium	0.0091		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:28	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:28	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:28	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:28	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:28	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:28	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:28	5
Calcium	6.6		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:28	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:28	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:28	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:28	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:28	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:28	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	42		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-9
Date Collected: 03/21/18 14:00
Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-12
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	0.89	mg/L			04/05/18 07:14	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 07:14	1
Sulfate	12		1.0	0.70	mg/L			04/05/18 07:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:26	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:26	5
Barium	0.021		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:26	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:26	5
Boron	0.089		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:26	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:26	5
Calcium	19		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:26	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:26	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:26	5
Selenium	0.00040	J	0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:26	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:26	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.0038		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 16:02	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 16:02	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 16:02	5
Vanadium	0.018		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 16:02	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 16:02	5
Chromium	0.0046		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 16:02	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 09:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	160		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: EB-2 (LF)

Date Collected: 03/21/18 14:35

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-13

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 10:40	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 10:40	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 10:40	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:31	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 00:31	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:31	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 00:31	5
Barium	0.0069		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:31	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 00:31	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:31	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 00:31	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:31	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 00:31	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:31	5
Calcium	<0.13		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:31	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 00:31	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:31	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:31	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:31	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:31	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 09:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-10

Date Collected: 03/21/18 13:05

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-14

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3		1.0	0.89	mg/L			04/04/18 21:20	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 21:20	1
Sulfate	1.1		1.0	0.70	mg/L			04/04/18 21:20	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:35	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 00:35	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:35	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 00:35	5
Barium	0.028		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:35	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 00:35	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:35	5
Vanadium	0.012		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 00:35	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:35	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 00:35	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:35	5
Calcium	17		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:35	5
Chromium	0.017		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 00:35	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:35	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:35	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:35	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:35	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 09:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: FD-2 (LF)

Date Collected: 03/21/18 00:00

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-15

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/04/18 21:43	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 21:43	1
Sulfate	<0.70		1.0	0.70	mg/L			04/04/18 21:43	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:40	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:40	5
Barium	0.016		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:40	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:40	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:40	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:40	5
Calcium	1.3		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:40	5
Cobalt	0.00058	J	0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:40	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:40	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:40	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:40	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 16:07	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 16:07	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 16:07	5
Vanadium	0.0051		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 16:07	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 16:07	5
Chromium	0.0013	J	0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 16:07	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4.0	J	5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-11
Date Collected: 03/21/18 10:55
Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-16
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/04/18 22:52	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 22:52	1
Sulfate	<0.70		1.0	0.70	mg/L			04/04/18 22:52	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:44	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 00:44	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:44	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 00:44	5
Barium	0.016		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:44	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 00:44	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:44	5
Vanadium	0.0098		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 00:44	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:44	5
Zinc	0.0070	J	0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 00:44	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:44	5
Calcium	13		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:44	5
Chromium	0.0081		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 00:44	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:44	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:44	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:44	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:44	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-12
Date Collected: 03/21/18 09:40
Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-17
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/04/18 23:14	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 23:14	1
Sulfate	<0.70		1.0	0.70	mg/L			04/04/18 23:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:49	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 00:49	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:49	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 00:49	5
Barium	0.017		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:49	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 00:49	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:49	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 00:49	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:49	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 00:49	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:49	5
Calcium	1.3		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:49	5
Chromium	0.0014	J	0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 00:49	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:49	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:49	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:49	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:49	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	28		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-3

Date Collected: 03/21/18 12:30

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-18

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.4		1.0	0.89	mg/L			04/04/18 23:37	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 23:37	1
Sulfate	<0.70		1.0	0.70	mg/L			04/04/18 23:37	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 16:11	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 16:11	5
Arsenic	0.00089	J	0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 16:11	5
Nickel	0.0022	J	0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 16:11	5
Barium	0.018		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 16:11	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 16:11	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 16:11	5
Vanadium	0.0097		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 16:11	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 16:11	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 16:11	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 16:11	5
Calcium	9.3		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 16:11	5
Chromium	0.0093		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 16:11	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 16:11	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 16:11	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 16:11	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 16:11	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 10:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	98		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: FB-2 (LF)

Date Collected: 03/21/18 12:10

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-19

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 00:00	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 00:00	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 00:00	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 01:20	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 01:20	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 01:20	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 01:20	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 01:20	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 01:20	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:20	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 01:20	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 01:20	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 01:20	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:20	5
Calcium	<0.13		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 01:20	5
Chromium	0.0030		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 01:20	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 01:20	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 01:20	5
Selenium	0.00026 J		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 01:20	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 01:20	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 10:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-20
Date Collected: 03/21/18 10:30
Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-20
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.89	mg/L			04/05/18 00:23	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 00:23	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 00:23	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 16:16	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 16:16	5
Arsenic	0.00078	J	0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 16:16	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 16:16	5
Barium	0.030		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 16:16	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 16:16	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 16:16	5
Vanadium	0.021		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 16:16	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 16:16	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 16:16	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 16:16	5
Calcium	14		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 16:16	5
Chromium	0.0085		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 16:16	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 16:16	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 16:16	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 16:16	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 16:16	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 10:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-6
Date Collected: 03/21/18 14:45
Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-21
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.4		1.0	0.89	mg/L			04/05/18 00:46	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 00:46	1
Sulfate	9.5		1.0	0.70	mg/L			04/05/18 00:46	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 01:29	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 01:29	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 01:29	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 01:29	5
Barium	0.056		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 01:29	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 01:29	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:29	5
Vanadium	0.0077		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 01:29	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 01:29	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 01:29	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:29	5
Calcium	19		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 01:29	5
Chromium	0.012		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 01:29	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 01:29	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 01:29	5
Selenium	0.00038	J	0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 01:29	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 01:29	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00011	J	0.00020	0.000070	mg/L		04/03/18 14:31	04/05/18 14:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	170		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-4
Date Collected: 03/21/18 13:35
Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-22
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.89	mg/L			04/04/18 20:35	1
Fluoride	0.094	J	0.20	0.082	mg/L			04/04/18 20:35	1
Sulfate	4.9		1.0	0.70	mg/L			04/04/18 20:35	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 01:34	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 01:34	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 01:34	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 01:34	5
Barium	0.045		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 01:34	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 01:34	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:34	5
Vanadium	0.0058		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 01:34	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 01:34	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 01:34	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:34	5
Calcium	15		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 01:34	5
Chromium	0.0062		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 01:34	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 01:34	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 01:34	5
Selenium	0.00029	J	0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 01:34	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 01:34	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00012	J	0.00020	0.000070	mg/L		04/03/18 14:31	04/05/18 14:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	160		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-13
Date Collected: 03/22/18 11:00
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151170-23
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.89	mg/L			04/05/18 01:09	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 01:09	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 01:09	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 01:38	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 01:38	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 01:38	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 01:38	5
Barium	0.034		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 01:38	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 01:38	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:38	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 01:38	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 01:38	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 01:38	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:38	5
Calcium	6.8		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 01:38	5
Chromium	0.028		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 01:38	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 01:38	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 01:38	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 01:38	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 01:38	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00012	J	0.00020	0.000070	mg/L		04/03/18 14:31	04/05/18 14:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	76		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-7
Date Collected: 03/22/18 09:45
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151170-24
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/05/18 08:23	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 08:23	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 08:23	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/01/18 12:07	04/06/18 16:08	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/01/18 12:07	04/06/18 16:08	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		04/01/18 12:07	04/06/18 16:08	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/01/18 12:07	04/06/18 16:08	5
Barium	0.035		0.0025	0.00049	mg/L		04/01/18 12:07	04/06/18 16:08	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/01/18 12:07	04/06/18 16:08	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 16:08	5
Vanadium	0.012		0.0025	0.0014	mg/L		04/01/18 12:07	04/06/18 16:08	5
Boron	<0.021		0.050	0.021	mg/L		04/01/18 12:07	04/06/18 16:08	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/01/18 12:07	04/06/18 16:08	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 16:08	5
Calcium	15		0.25	0.13	mg/L		04/01/18 12:07	04/06/18 16:08	5
Chromium	0.0086	F1	0.0025	0.0011	mg/L		04/01/18 12:07	04/06/18 16:08	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/01/18 12:07	04/06/18 16:08	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/01/18 12:07	04/06/18 16:08	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/01/18 12:07	04/06/18 16:08	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/01/18 12:07	04/06/18 16:08	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000099	J	0.00020	0.000070	mg/L		04/03/18 14:31	04/05/18 14:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	130		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-5
Date Collected: 03/22/18 11:00
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151170-25
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.082		0.20	0.082	mg/L	-		04/05/18 08:46	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74		10	8.9	mg/L	-		04/05/18 21:42	10
Sulfate	400		10	7.0	mg/L	-		04/05/18 21:42	10

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Copper	<0.0021		0.0025	0.0021	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Arsenic	0.00046	J	0.0013	0.00046	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Nickel	0.0019	J	0.0025	0.0018	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Barium	0.048		0.0025	0.00049	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Silver	<0.00011		0.0013	0.00011	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Beryllium	<0.00034		0.0025	0.00034	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Vanadium	0.0018	J	0.0025	0.0014	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Boron	0.48		0.050	0.021	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Zinc	0.0086	J	0.020	0.0065	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Cadmium	<0.00034		0.0025	0.00034	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Chromium	0.0086		0.0025	0.0011	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Cobalt	<0.00040		0.0025	0.00040	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Lead	<0.00035		0.0013	0.00035	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Selenium	0.038		0.0013	0.00024	mg/L	-	04/01/18 12:07	04/06/18 16:31	5
Thallium	<0.000085		0.00050	0.000085	mg/L	-	04/01/18 12:07	04/06/18 16:31	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	130		0.50	0.25	mg/L	-	04/01/18 12:07	04/07/18 16:21	10

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000095	J	0.00020	0.000070	mg/L	-	04/03/18 14:31	04/05/18 14:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1000		5.0	3.4	mg/L	-		03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-8A

Date Collected: 03/22/18 09:55

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151170-26

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.0		1.0	0.89	mg/L			04/05/18 09:08	1
Fluoride	0.091	J	0.20	0.082	mg/L			04/05/18 09:08	1
Sulfate	39		1.0	0.70	mg/L			04/05/18 09:08	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/01/18 12:07	04/06/18 16:35	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/01/18 12:07	04/06/18 16:35	5
Arsenic	0.00075	J	0.0013	0.00046	mg/L		04/01/18 12:07	04/06/18 16:35	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/01/18 12:07	04/06/18 16:35	5
Barium	0.019		0.0025	0.00049	mg/L		04/01/18 12:07	04/06/18 16:35	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/01/18 12:07	04/06/18 16:35	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 16:35	5
Vanadium	0.0043		0.0025	0.0014	mg/L		04/01/18 12:07	04/06/18 16:35	5
Boron	0.25		0.050	0.021	mg/L		04/01/18 12:07	04/06/18 16:35	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/01/18 12:07	04/06/18 16:35	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 16:35	5
Calcium	30		0.25	0.13	mg/L		04/01/18 12:07	04/06/18 16:35	5
Chromium	0.0079		0.0025	0.0011	mg/L		04/01/18 12:07	04/06/18 16:35	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/01/18 12:07	04/06/18 16:35	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/01/18 12:07	04/06/18 16:35	5
Selenium	0.00032	J	0.0013	0.00024	mg/L		04/01/18 12:07	04/06/18 16:35	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/01/18 12:07	04/06/18 16:35	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000097	J	0.00020	0.000070	mg/L		04/03/18 14:31	04/05/18 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	220		5.0	3.4	mg/L			03/27/18 13:11	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-2

Date Collected: 03/20/18 13:50

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 05:32	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 19:03	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 15:29	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: EB-1 (LF)

Date Collected: 03/20/18 15:40

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 05:55	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 19:25	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 15:32	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWC-1

Date Collected: 03/20/18 12:40

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 02:52	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 19:30	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 15:55	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: FD-1 (LF)

Date Collected: 03/20/18 00:00

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 06:18	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 19:34	DRE	TAL PEN
Total/NA	Prep	7470A			392233	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 12:02	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391315	03/24/18 17:19	TET	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWA-15

Date Collected: 03/20/18 10:20

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 07:26	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:02	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:00	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: FB-1 (LF)

Date Collected: 03/20/18 10:20

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 07:49	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:06	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:06	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWA-16

Date Collected: 03/20/18 10:25

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 08:12	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:11	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:09	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWA-17

Date Collected: 03/20/18 12:35

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 09:24	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:15	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:12	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-18

Date Collected: 03/20/18 13:50

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 09:49	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:19	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:16	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWC-19

Date Collected: 03/20/18 15:10

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 10:15	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:24	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:21	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWC-14

Date Collected: 03/20/18 14:55

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 06:41	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:28	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:23	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWC-9

Date Collected: 03/21/18 14:00

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 07:14	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:26	DRE	TAL PEN
Total Recoverable	Prep	3005A	RA		392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020	RA	5	393210	04/07/18 16:02	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-9

Date Collected: 03/21/18 14:00

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7470A		1	393411	04/10/18 09:30	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: EB-2 (LF)

Date Collected: 03/21/18 14:35

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 10:40	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:31	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 09:32	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-10

Date Collected: 03/21/18 13:05

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 21:20	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:35	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 09:34	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: FD-2 (LF)

Date Collected: 03/21/18 00:00

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 21:43	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:40	DRE	TAL PEN
Total Recoverable	Prep	3005A	RA		392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020	RA	5	393210	04/07/18 16:07	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:29	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-11

Date Collected: 03/21/18 10:55

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 22:52	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:44	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 09:37	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-12

Date Collected: 03/21/18 09:40

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 23:14	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:49	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 09:39	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-3

Date Collected: 03/21/18 12:30

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 23:37	JAW	TAL PEN
Total Recoverable	Prep	3005A	RA		392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020	RA	5	393210	04/07/18 16:11	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 10:34	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: FB-2 (LF)

Date Collected: 03/21/18 12:10

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/05/18 00:00	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 01:20	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 10:36	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-20

Date Collected: 03/21/18 10:30

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/05/18 00:23	JAW	TAL PEN
Total Recoverable	Prep	3005A	RA		392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020	RA	5	393210	04/07/18 16:16	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 10:37	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-6

Date Collected: 03/21/18 14:45

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/05/18 00:46	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 01:29	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:35	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-4

Date Collected: 03/21/18 13:35

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 20:35	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 01:34	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:37	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-13

Date Collected: 03/22/18 11:00

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151170-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/05/18 01:09	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 01:38	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:51	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-7

Date Collected: 03/22/18 09:45

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151170-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 08:23	JAW	TAL PEN
Total Recoverable	Prep	3005A			392265	04/01/18 12:07	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/06/18 16:08	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:52	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: GWC-5

Date Collected: 03/22/18 11:00

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151170-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 08:46	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	10	392922	04/05/18 21:42	JAW	TAL PEN
Total Recoverable	Prep	3005A			392265	04/01/18 12:07	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/06/18 16:31	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		392265	04/01/18 12:07	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	10	393210	04/07/18 16:21	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:54	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: GWC-8A

Date Collected: 03/22/18 09:55

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151170-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 09:08	JAW	TAL PEN
Total Recoverable	Prep	3005A			392265	04/01/18 12:07	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/06/18 16:35	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:56	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

HPLC/IC

Analysis Batch: 392449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total/NA	Water	300.0	
400-151170-2	EB-1 (LF)	Total/NA	Water	300.0	
400-151170-3	GWC-1	Total/NA	Water	300.0	
400-151170-4	FD-1 (LF)	Total/NA	Water	300.0	
400-151170-5	GWA-15	Total/NA	Water	300.0	
400-151170-6	FB-1 (LF)	Total/NA	Water	300.0	
400-151170-7	GWA-16	Total/NA	Water	300.0	
400-151170-8	GWA-17	Total/NA	Water	300.0	
400-151170-9	GWC-18	Total/NA	Water	300.0	
400-151170-10	GWC-19	Total/NA	Water	300.0	
400-151170-11	GWC-14	Total/NA	Water	300.0	
MB 400-392449/12	Method Blank	Total/NA	Water	300.0	
LCS 400-392449/13	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392449/14	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151170-3 MS	GWC-1	Total/NA	Water	300.0	
400-151170-3 MSD	GWC-1	Total/NA	Water	300.0	

Analysis Batch: 392675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-14	GWC-10	Total/NA	Water	300.0	
400-151170-15	FD-2 (LF)	Total/NA	Water	300.0	
400-151170-16	GWC-11	Total/NA	Water	300.0	
400-151170-17	GWC-12	Total/NA	Water	300.0	
400-151170-18	GWC-3	Total/NA	Water	300.0	
400-151170-19	FB-2 (LF)	Total/NA	Water	300.0	
400-151170-20	GWC-20	Total/NA	Water	300.0	
400-151170-21	GWC-6	Total/NA	Water	300.0	
400-151170-22	GWC-4	Total/NA	Water	300.0	
400-151170-23	GWC-13	Total/NA	Water	300.0	
MB 400-392675/6	Method Blank	Total/NA	Water	300.0	
LCS 400-392675/7	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392675/12	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151732-B-9 MS	Matrix Spike	Total/NA	Water	300.0	
400-151732-B-9 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 392771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12	GWC-9	Total/NA	Water	300.0	
400-151170-13	EB-2 (LF)	Total/NA	Water	300.0	
400-151170-24	GWC-7	Total/NA	Water	300.0	
400-151170-25	GWC-5	Total/NA	Water	300.0	
400-151170-26	GWC-8A	Total/NA	Water	300.0	
MB 400-392771/4	Method Blank	Total/NA	Water	300.0	
LCS 400-392771/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392771/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151170-12 MS	GWC-9	Total/NA	Water	300.0	
400-151170-12 MSD	GWC-9	Total/NA	Water	300.0	

Analysis Batch: 392922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-25 - DL	GWC-5	Total/NA	Water	300.0	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

HPLC/IC (Continued)

Analysis Batch: 392922 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-392922/36	Method Blank	Total/NA	Water	300.0	
LCS 400-392922/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392922/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151220-A-8 MS	Matrix Spike	Total/NA	Water	300.0	
400-151220-A-8 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 391209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total Recoverable	Water	3005A	
400-151170-2	EB-1 (LF)	Total Recoverable	Water	3005A	
400-151170-3	GWC-1	Total Recoverable	Water	3005A	
400-151170-4	FD-1 (LF)	Total Recoverable	Water	3005A	
400-151170-5	GWA-15	Total Recoverable	Water	3005A	
400-151170-6	FB-1 (LF)	Total Recoverable	Water	3005A	
400-151170-7	GWA-16	Total Recoverable	Water	3005A	
400-151170-8	GWA-17	Total Recoverable	Water	3005A	
400-151170-9	GWC-18	Total Recoverable	Water	3005A	
400-151170-10	GWC-19	Total Recoverable	Water	3005A	
400-151170-11	GWC-14	Total Recoverable	Water	3005A	
MB 400-391209/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-391209/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151170-1 MS	GWC-2	Total Recoverable	Water	3005A	
400-151170-1 MSD	GWC-2	Total Recoverable	Water	3005A	

Analysis Batch: 391487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total Recoverable	Water	6020	391209
400-151170-2	EB-1 (LF)	Total Recoverable	Water	6020	391209
400-151170-3	GWC-1	Total Recoverable	Water	6020	391209
400-151170-4	FD-1 (LF)	Total Recoverable	Water	6020	391209
400-151170-5	GWA-15	Total Recoverable	Water	6020	391209
400-151170-6	FB-1 (LF)	Total Recoverable	Water	6020	391209
400-151170-7	GWA-16	Total Recoverable	Water	6020	391209
400-151170-8	GWA-17	Total Recoverable	Water	6020	391209
400-151170-9	GWC-18	Total Recoverable	Water	6020	391209
400-151170-10	GWC-19	Total Recoverable	Water	6020	391209
400-151170-11	GWC-14	Total Recoverable	Water	6020	391209
MB 400-391209/1-A ^5	Method Blank	Total Recoverable	Water	6020	391209
LCS 400-391209/2-A	Lab Control Sample	Total Recoverable	Water	6020	391209
400-151170-1 MS	GWC-2	Total Recoverable	Water	6020	391209
400-151170-1 MSD	GWC-2	Total Recoverable	Water	6020	391209

Prep Batch: 392217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12 - RA	GWC-9	Total Recoverable	Water	3005A	
400-151170-12	GWC-9	Total Recoverable	Water	3005A	
400-151170-13	EB-2 (LF)	Total Recoverable	Water	3005A	
400-151170-14	GWC-10	Total Recoverable	Water	3005A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Metals (Continued)

Prep Batch: 392217 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-15 - RA	FD-2 (LF)	Total Recoverable	Water	3005A	
400-151170-15	FD-2 (LF)	Total Recoverable	Water	3005A	
400-151170-16	GWC-11	Total Recoverable	Water	3005A	
400-151170-17	GWC-12	Total Recoverable	Water	3005A	
400-151170-18 - RA	GWC-3	Total Recoverable	Water	3005A	
400-151170-19	FB-2 (LF)	Total Recoverable	Water	3005A	
400-151170-20 - RA	GWC-20	Total Recoverable	Water	3005A	
400-151170-21	GWC-6	Total Recoverable	Water	3005A	
400-151170-22	GWC-4	Total Recoverable	Water	3005A	
400-151170-23	GWC-13	Total Recoverable	Water	3005A	
MB 400-392217/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-392217/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-150979-B-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-150979-B-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 392228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total/NA	Water	7470A	
400-151170-2	EB-1 (LF)	Total/NA	Water	7470A	
400-151170-3	GWC-1	Total/NA	Water	7470A	
400-151170-5	GWA-15	Total/NA	Water	7470A	
400-151170-6	FB-1 (LF)	Total/NA	Water	7470A	
400-151170-7	GWA-16	Total/NA	Water	7470A	
400-151170-8	GWA-17	Total/NA	Water	7470A	
400-151170-9	GWC-18	Total/NA	Water	7470A	
400-151170-10	GWC-19	Total/NA	Water	7470A	
400-151170-11	GWC-14	Total/NA	Water	7470A	
400-151170-15	FD-2 (LF)	Total/NA	Water	7470A	
MB 400-392228/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-392228/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151258-B-3-C MS	Matrix Spike	Total/NA	Water	7470A	
400-151258-B-3-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 392233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-4	FD-1 (LF)	Total/NA	Water	7470A	

Prep Batch: 392265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-24	GWC-7	Total Recoverable	Water	3005A	
400-151170-25	GWC-5	Total Recoverable	Water	3005A	
400-151170-25 - DL	GWC-5	Total Recoverable	Water	3005A	
400-151170-26	GWC-8A	Total Recoverable	Water	3005A	
MB 400-392265/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-392265/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151170-24 MS	GWC-7	Total Recoverable	Water	3005A	
400-151170-24 MSD	GWC-7	Total Recoverable	Water	3005A	

Prep Batch: 392489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-21	GWC-6	Total/NA	Water	7470A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Metals (Continued)

Prep Batch: 392489 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-22	GWC-4	Total/NA	Water	7470A	
400-151170-23	GWC-13	Total/NA	Water	7470A	
400-151170-24	GWC-7	Total/NA	Water	7470A	
400-151170-25	GWC-5	Total/NA	Water	7470A	
400-151170-26	GWC-8A	Total/NA	Water	7470A	
MB 400-392489/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-392489/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151352-R-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-151352-R-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 392577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total/NA	Water	7470A	392228
400-151170-2	EB-1 (LF)	Total/NA	Water	7470A	392228
400-151170-3	GWC-1	Total/NA	Water	7470A	392228
400-151170-5	GWA-15	Total/NA	Water	7470A	392228
400-151170-6	FB-1 (LF)	Total/NA	Water	7470A	392228
400-151170-7	GWA-16	Total/NA	Water	7470A	392228
400-151170-8	GWA-17	Total/NA	Water	7470A	392228
400-151170-9	GWC-18	Total/NA	Water	7470A	392228
400-151170-10	GWC-19	Total/NA	Water	7470A	392228
400-151170-11	GWC-14	Total/NA	Water	7470A	392228
400-151170-15	FD-2 (LF)	Total/NA	Water	7470A	392228
MB 400-392228/14-A	Method Blank	Total/NA	Water	7470A	392228
LCS 400-392228/15-A	Lab Control Sample	Total/NA	Water	7470A	392228
400-151258-B-3-C MS	Matrix Spike	Total/NA	Water	7470A	392228
400-151258-B-3-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	392228

Prep Batch: 392667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12	GWC-9	Total/NA	Water	7470A	
400-151170-13	EB-2 (LF)	Total/NA	Water	7470A	
400-151170-14	GWC-10	Total/NA	Water	7470A	
400-151170-16	GWC-11	Total/NA	Water	7470A	
400-151170-17	GWC-12	Total/NA	Water	7470A	
400-151170-18	GWC-3	Total/NA	Water	7470A	
400-151170-19	FB-2 (LF)	Total/NA	Water	7470A	
400-151170-20	GWC-20	Total/NA	Water	7470A	
MB 400-392667/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-392667/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151170-17 MS	GWC-12	Total/NA	Water	7470A	
400-151170-17 MSD	GWC-12	Total/NA	Water	7470A	

Analysis Batch: 392873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-4	FD-1 (LF)	Total/NA	Water	7470A	392233
400-151170-21	GWC-6	Total/NA	Water	7470A	392489
400-151170-22	GWC-4	Total/NA	Water	7470A	392489
400-151170-23	GWC-13	Total/NA	Water	7470A	392489
400-151170-24	GWC-7	Total/NA	Water	7470A	392489
400-151170-25	GWC-5	Total/NA	Water	7470A	392489

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Metals (Continued)

Analysis Batch: 392873 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-26	GWC-8A	Total/NA	Water	7470A	392489
MB 400-392489/14-A	Method Blank	Total/NA	Water	7470A	392489
LCS 400-392489/15-A	Lab Control Sample	Total/NA	Water	7470A	392489
400-151352-R-1-C MS	Matrix Spike	Total/NA	Water	7470A	392489
400-151352-R-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	392489

Analysis Batch: 393106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12	GWC-9	Total Recoverable	Water	6020	392217
400-151170-13	EB-2 (LF)	Total Recoverable	Water	6020	392217
400-151170-14	GWC-10	Total Recoverable	Water	6020	392217
400-151170-15	FD-2 (LF)	Total Recoverable	Water	6020	392217
400-151170-16	GWC-11	Total Recoverable	Water	6020	392217
400-151170-17	GWC-12	Total Recoverable	Water	6020	392217
400-151170-19	FB-2 (LF)	Total Recoverable	Water	6020	392217
400-151170-21	GWC-6	Total Recoverable	Water	6020	392217
400-151170-22	GWC-4	Total Recoverable	Water	6020	392217
400-151170-23	GWC-13	Total Recoverable	Water	6020	392217
400-151170-24	GWC-7	Total Recoverable	Water	6020	392265
400-151170-25	GWC-5	Total Recoverable	Water	6020	392265
400-151170-26	GWC-8A	Total Recoverable	Water	6020	392265
MB 400-392217/1-A ^5	Method Blank	Total Recoverable	Water	6020	392217
MB 400-392265/1-A ^5	Method Blank	Total Recoverable	Water	6020	392265
LCS 400-392217/2-A	Lab Control Sample	Total Recoverable	Water	6020	392217
LCS 400-392265/2-A	Lab Control Sample	Total Recoverable	Water	6020	392265
400-150979-B-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	392217
400-150979-B-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	392217
400-151170-24 MS	GWC-7	Total Recoverable	Water	6020	392265
400-151170-24 MSD	GWC-7	Total Recoverable	Water	6020	392265

Analysis Batch: 393210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12 - RA	GWC-9	Total Recoverable	Water	6020	392217
400-151170-15 - RA	FD-2 (LF)	Total Recoverable	Water	6020	392217
400-151170-18 - RA	GWC-3	Total Recoverable	Water	6020	392217
400-151170-20 - RA	GWC-20	Total Recoverable	Water	6020	392217
400-151170-25 - DL	GWC-5	Total Recoverable	Water	6020	392265

Analysis Batch: 393411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12	GWC-9	Total/NA	Water	7470A	392667
400-151170-13	EB-2 (LF)	Total/NA	Water	7470A	392667
400-151170-14	GWC-10	Total/NA	Water	7470A	392667
400-151170-16	GWC-11	Total/NA	Water	7470A	392667
400-151170-17	GWC-12	Total/NA	Water	7470A	392667
400-151170-18	GWC-3	Total/NA	Water	7470A	392667
400-151170-19	FB-2 (LF)	Total/NA	Water	7470A	392667
400-151170-20	GWC-20	Total/NA	Water	7470A	392667
MB 400-392667/14-A	Method Blank	Total/NA	Water	7470A	392667
LCS 400-392667/15-A	Lab Control Sample	Total/NA	Water	7470A	392667
400-151170-17 MS	GWC-12	Total/NA	Water	7470A	392667

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Metals (Continued)

Analysis Batch: 393411 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-17 MSD	GWC-12	Total/NA	Water	7470A	392667

General Chemistry

Analysis Batch: 391315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-4	FD-1 (LF)	Total/NA	Water	SM 2540C	
MB 400-391315/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391315/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151119-E-7 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 391316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total/NA	Water	SM 2540C	
400-151170-2	EB-1 (LF)	Total/NA	Water	SM 2540C	
400-151170-3	GWC-1	Total/NA	Water	SM 2540C	
400-151170-5	GWA-15	Total/NA	Water	SM 2540C	
400-151170-6	FB-1 (LF)	Total/NA	Water	SM 2540C	
400-151170-7	GWA-16	Total/NA	Water	SM 2540C	
400-151170-8	GWA-17	Total/NA	Water	SM 2540C	
400-151170-9	GWC-18	Total/NA	Water	SM 2540C	
400-151170-10	GWC-19	Total/NA	Water	SM 2540C	
400-151170-11	GWC-14	Total/NA	Water	SM 2540C	
400-151170-15	FD-2 (LF)	Total/NA	Water	SM 2540C	
MB 400-391316/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391316/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151170-9 DU	GWC-18	Total/NA	Water	SM 2540C	

Analysis Batch: 391317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12	GWC-9	Total/NA	Water	SM 2540C	
400-151170-13	EB-2 (LF)	Total/NA	Water	SM 2540C	
400-151170-14	GWC-10	Total/NA	Water	SM 2540C	
400-151170-16	GWC-11	Total/NA	Water	SM 2540C	
400-151170-17	GWC-12	Total/NA	Water	SM 2540C	
400-151170-18	GWC-3	Total/NA	Water	SM 2540C	
400-151170-19	FB-2 (LF)	Total/NA	Water	SM 2540C	
400-151170-20	GWC-20	Total/NA	Water	SM 2540C	
400-151170-21	GWC-6	Total/NA	Water	SM 2540C	
400-151170-22	GWC-4	Total/NA	Water	SM 2540C	
MB 400-391317/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391317/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151170-12 DU	GWC-9	Total/NA	Water	SM 2540C	

Analysis Batch: 391575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-23	GWC-13	Total/NA	Water	SM 2540C	
400-151170-24	GWC-7	Total/NA	Water	SM 2540C	
400-151170-25	GWC-5	Total/NA	Water	SM 2540C	
400-151170-26	GWC-8A	Total/NA	Water	SM 2540C	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

General Chemistry (Continued)

Analysis Batch: 391575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-391575/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391575/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151170-23 DU	GWC-13	Total/NA	Water	SM 2540C	
400-151170-26 DU	GWC-8A	Total/NA	Water	SM 2540C	

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-392449/12

Matrix: Water

Analysis Batch: 392449

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/03/18 00:12	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 00:12	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 00:12	1

Lab Sample ID: LCS 400-392449/13

Matrix: Water

Analysis Batch: 392449

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.48		mg/L		95	90 - 110
Fluoride	10.0	9.62		mg/L		96	90 - 110
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 400-392449/14

Matrix: Water

Analysis Batch: 392449

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.47		mg/L		95	90 - 110	0	15
Fluoride	10.0	9.68		mg/L		97	90 - 110	1	15
Sulfate	10.0	9.90		mg/L		99	90 - 110	2	15

Lab Sample ID: 400-151170-3 MS

Matrix: Water

Analysis Batch: 392449

Client Sample ID: GWC-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3.9		10.0	13.4		mg/L		94	80 - 120
Fluoride	<0.082		10.0	9.60		mg/L		96	80 - 120
Sulfate	0.95	J	10.0	11.0		mg/L		100	80 - 120

Lab Sample ID: 400-151170-3 MSD

Matrix: Water

Analysis Batch: 392449

Client Sample ID: GWC-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3.9		10.0	13.4		mg/L		95	80 - 120	0	20
Fluoride	<0.082		10.0	9.70		mg/L		97	80 - 120	1	20
Sulfate	0.95	J	10.0	11.1		mg/L		101	80 - 120	1	20

Lab Sample ID: MB 400-392675/6

Matrix: Water

Analysis Batch: 392675

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/04/18 13:43	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 13:43	1
Sulfate	<0.70		1.0	0.70	mg/L			04/04/18 13:43	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-392675/7

Matrix: Water

Analysis Batch: 392675

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.55		mg/L		96	90 - 110
Fluoride	10.0	9.90		mg/L		99	90 - 110
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 400-392675/12

Matrix: Water

Analysis Batch: 392675

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.56		mg/L		96	90 - 110	0	15
Fluoride	10.0	9.99		mg/L		100	90 - 110	1	15
Sulfate	10.0	10.0		mg/L		100	90 - 110	0	15

Lab Sample ID: 400-151732-B-9 MS

Matrix: Water

Analysis Batch: 392675

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	15		10.0	24.6		mg/L		96	80 - 120
Fluoride	<0.082		10.0	10.4		mg/L		104	80 - 120
Sulfate	17		10.0	27.2		mg/L		102	80 - 120

Lab Sample ID: 400-151732-B-9 MSD

Matrix: Water

Analysis Batch: 392675

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	15		10.0	24.6		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	10.2		mg/L		102	80 - 120	1	20
Sulfate	17		10.0	27.2		mg/L		102	80 - 120	0	20

Lab Sample ID: MB 400-392771/4

Matrix: Water

Analysis Batch: 392771

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 06:06	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 06:06	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 06:06	1

Lab Sample ID: LCS 400-392771/5

Matrix: Water

Analysis Batch: 392771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.60		mg/L		96	90 - 110
Fluoride	10.0	10.0		mg/L		100	90 - 110
Sulfate	10.0	9.98		mg/L		100	90 - 110

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-392771/6

Matrix: Water

Analysis Batch: 392771

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.61		mg/L		96	90 - 110	0	15
Fluoride	10.0	10.0		mg/L		100	90 - 110	0	15
Sulfate	10.0	9.99		mg/L		100	90 - 110	0	15

Lab Sample ID: 400-151170-12 MS

Matrix: Water

Analysis Batch: 392771

Client Sample ID: GWC-9

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3.6		10.0	13.2		mg/L		96	80 - 120		
Fluoride	<0.082		10.0	10.0		mg/L		100	80 - 120		
Sulfate	12		10.0	21.6		mg/L		101	80 - 120		

Lab Sample ID: 400-151170-12 MSD

Matrix: Water

Analysis Batch: 392771

Client Sample ID: GWC-9

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3.6		10.0	13.3		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	9.96		mg/L		100	80 - 120	0	20
Sulfate	12		10.0	21.6		mg/L		101	80 - 120	0	20

Lab Sample ID: MB 400-392922/36

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 18:17	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 18:17	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 18:17	1

Lab Sample ID: LCS 400-392922/37

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.45		mg/L		94	90 - 110		
Fluoride	10.0	9.83		mg/L		98	90 - 110		
Sulfate	10.0	9.84		mg/L		98	90 - 110		

Lab Sample ID: LCSD 400-392922/38

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.37		mg/L		94	90 - 110	1	15
Fluoride	10.0	9.83		mg/L		98	90 - 110	0	15
Sulfate	10.0	9.87		mg/L		99	90 - 110	0	15

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-151220-A-8 MS

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120
Fluoride	<0.082		10.0	9.93		mg/L		99	80 - 120
Sulfate	1.3		10.0	11.6		mg/L		103	80 - 120

Lab Sample ID: 400-151220-A-8 MSD

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	10.0		mg/L		100	80 - 120	1	20
Sulfate	1.3		10.0	11.7		mg/L		104	80 - 120	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-391209/1-A ^5

Matrix: Water

Analysis Batch: 391487

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 391209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 18:49	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 18:49	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 18:49	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 18:49	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 18:49	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 18:49	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 18:49	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 18:49	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 18:49	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 18:49	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 18:49	5
Calcium	<0.13		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 18:49	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 18:49	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 18:49	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 18:49	5
Selenium	0.000280 J		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 18:49	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 18:49	5

Lab Sample ID: LCS 400-391209/2-A

Matrix: Water

Analysis Batch: 391487

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 391209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0541		mg/L		108	80 - 120
Copper	0.0500	0.0540		mg/L		108	80 - 120
Arsenic	0.0500	0.0503		mg/L		101	80 - 120
Nickel	0.0500	0.0517		mg/L		103	80 - 120
Barium	0.0500	0.0517		mg/L		103	80 - 120

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 400-391209/2-A

Matrix: Water

Analysis Batch: 391487

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 391209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.0500	0.0524		mg/L		105	80 - 120
Beryllium	0.0500	0.0510		mg/L		102	80 - 120
Vanadium	0.0500	0.0512		mg/L		102	80 - 120
Boron	0.100	0.0999		mg/L		100	80 - 120
Zinc	0.0500	0.0518		mg/L		104	80 - 120
Cadmium	0.0500	0.0519		mg/L		104	80 - 120
Calcium	5.00	5.41		mg/L		108	80 - 120
Chromium	0.0500	0.0503		mg/L		101	80 - 120
Cobalt	0.0500	0.0527		mg/L		105	80 - 120
Lead	0.0500	0.0477		mg/L		95	80 - 120
Selenium	0.0500	0.0495		mg/L		99	80 - 120
Thallium	0.0100	0.0103		mg/L		103	80 - 120

Lab Sample ID: 400-151170-1 MS

Matrix: Water

Analysis Batch: 391487

Client Sample ID: GWC-2

Prep Type: Total Recoverable

Prep Batch: 391209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010	F1	0.0500	0.0555		mg/L		111	75 - 125
Antimony	<0.0010	F1	0.0500	0.0555		mg/L		111	75 - 125
Copper	<0.0021		0.0500	0.0558		mg/L		112	75 - 125
Copper	<0.0021		0.0500	0.0558		mg/L		112	75 - 125
Arsenic	<0.00046		0.0500	0.0515		mg/L		103	75 - 125
Arsenic	<0.00046		0.0500	0.0515		mg/L		103	75 - 125
Nickel	<0.0018		0.0500	0.0541		mg/L		108	75 - 125
Nickel	<0.0018		0.0500	0.0541		mg/L		108	75 - 125
Barium	0.045		0.0500	0.0965		mg/L		103	75 - 125
Barium	0.045		0.0500	0.0965		mg/L		103	75 - 125
Silver	<0.00011		0.0500	0.0532		mg/L		106	75 - 125
Silver	<0.00011		0.0500	0.0532		mg/L		106	75 - 125
Beryllium	<0.00034		0.0500	0.0529		mg/L		106	75 - 125
Beryllium	<0.00034		0.0500	0.0529		mg/L		106	75 - 125
Vanadium	0.014		0.0500	0.0658		mg/L		103	75 - 125
Vanadium	0.014		0.0500	0.0658		mg/L		103	75 - 125
Boron	<0.021		0.100	0.106		mg/L		106	75 - 125
Boron	<0.021		0.100	0.106		mg/L		106	75 - 125
Zinc	<0.0065	F1	0.0500	0.0552		mg/L		110	75 - 125
Zinc	<0.0065	F1	0.0500	0.0552		mg/L		110	75 - 125
Cadmium	<0.00034		0.0500	0.0527		mg/L		105	75 - 125
Cadmium	<0.00034		0.0500	0.0527		mg/L		105	75 - 125
Calcium	18		5.00	23.4		mg/L		107	75 - 125
Calcium	18		5.00	23.4		mg/L		107	75 - 125
Chromium	0.0099		0.0500	0.0612		mg/L		103	75 - 125
Chromium	0.0099		0.0500	0.0612		mg/L		103	75 - 125
Cobalt	<0.00040		0.0500	0.0539		mg/L		108	75 - 125
Cobalt	<0.00040		0.0500	0.0539		mg/L		108	75 - 125
Lead	<0.00035		0.0500	0.0474		mg/L		95	75 - 125
Lead	<0.00035		0.0500	0.0474		mg/L		95	75 - 125

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151170-1 MS

Matrix: Water

Analysis Batch: 391487

Client Sample ID: GWC-2

Prep Type: Total Recoverable

Prep Batch: 391209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	0.00059	J B	0.0500	0.0514		mg/L		102	75 - 125
Selenium	0.00059	J B	0.0500	0.0514		mg/L		102	75 - 125
Thallium	<0.000085		0.0100	0.0104		mg/L		104	75 - 125
Thallium	<0.000085		0.0100	0.0104		mg/L		104	75 - 125

Lab Sample ID: 400-151170-1 MSD

Matrix: Water

Analysis Batch: 391487

Client Sample ID: GWC-2

Prep Type: Total Recoverable

Prep Batch: 391209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.0010	F1	0.0500	0.0630	F1	mg/L		126	75 - 125	13	20
Antimony	<0.0010	F1	0.0500	0.0630	F1	mg/L		126	75 - 125	13	20
Copper	<0.0021		0.0500	0.0626		mg/L		125	75 - 125	11	20
Copper	<0.0021		0.0500	0.0626		mg/L		125	75 - 125	11	20
Arsenic	<0.00046		0.0500	0.0584		mg/L		117	75 - 125	13	20
Arsenic	<0.00046		0.0500	0.0584		mg/L		117	75 - 125	13	20
Nickel	<0.0018		0.0500	0.0609		mg/L		122	75 - 125	12	20
Nickel	<0.0018		0.0500	0.0609		mg/L		122	75 - 125	12	20
Barium	0.045		0.0500	0.104		mg/L		118	75 - 125	7	20
Barium	0.045		0.0500	0.104		mg/L		118	75 - 125	7	20
Silver	<0.00011		0.0500	0.0601		mg/L		120	75 - 125	12	20
Silver	<0.00011		0.0500	0.0601		mg/L		120	75 - 125	12	20
Beryllium	<0.00034		0.0500	0.0601		mg/L		120	75 - 125	13	20
Beryllium	<0.00034		0.0500	0.0601		mg/L		120	75 - 125	13	20
Vanadium	0.014		0.0500	0.0719		mg/L		116	75 - 125	9	20
Vanadium	0.014		0.0500	0.0719		mg/L		116	75 - 125	9	20
Boron	<0.021		0.100	0.118		mg/L		118	75 - 125	11	20
Boron	<0.021		0.100	0.118		mg/L		118	75 - 125	11	20
Zinc	<0.0065	F1	0.0500	0.0634	F1	mg/L		127	75 - 125	14	20
Zinc	<0.0065	F1	0.0500	0.0634	F1	mg/L		127	75 - 125	14	20
Cadmium	<0.00034		0.0500	0.0586		mg/L		117	75 - 125	11	20
Cadmium	<0.00034		0.0500	0.0586		mg/L		117	75 - 125	11	20
Calcium	18		5.00	23.9		mg/L		116	75 - 125	2	20
Calcium	18		5.00	23.9		mg/L		116	75 - 125	2	20
Chromium	0.0099		0.0500	0.0675		mg/L		115	75 - 125	10	20
Chromium	0.0099		0.0500	0.0675		mg/L		115	75 - 125	10	20
Cobalt	<0.00040		0.0500	0.0604		mg/L		121	75 - 125	11	20
Cobalt	<0.00040		0.0500	0.0604		mg/L		121	75 - 125	11	20
Lead	<0.00035		0.0500	0.0550		mg/L		110	75 - 125	15	20
Lead	<0.00035		0.0500	0.0550		mg/L		110	75 - 125	15	20
Selenium	0.00059	J B	0.0500	0.0568		mg/L		112	75 - 125	10	20
Selenium	0.00059	J B	0.0500	0.0568		mg/L		112	75 - 125	10	20
Thallium	<0.000085		0.0100	0.0120		mg/L		120	75 - 125	14	20
Thallium	<0.000085		0.0100	0.0120		mg/L		120	75 - 125	14	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 400-392217/1-A ^5

Matrix: Water

Analysis Batch: 393106

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 392217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:13	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 00:13	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:13	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 00:13	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:13	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 00:13	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:13	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 00:13	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:13	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 00:13	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:13	5
Calcium	<0.13		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:13	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 00:13	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:13	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:13	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:13	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:13	5

Lab Sample ID: LCS 400-392217/2-A

Matrix: Water

Analysis Batch: 393106

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 392217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0442		mg/L		88	80 - 120
Copper	0.0500	0.0416		mg/L		83	80 - 120
Arsenic	0.0500	0.0429		mg/L		86	80 - 120
Nickel	0.0500	0.0472		mg/L		94	80 - 120
Barium	0.0500	0.0435		mg/L		87	80 - 120
Silver	0.0500	0.0424		mg/L		85	80 - 120
Beryllium	0.0500	0.0427		mg/L		85	80 - 120
Vanadium	0.0500	0.0425		mg/L		85	80 - 120
Boron	0.100	0.0885		mg/L		88	80 - 120
Zinc	0.0500	0.0591		mg/L		118	80 - 120
Cadmium	0.0500	0.0443		mg/L		89	80 - 120
Calcium	5.00	4.52		mg/L		90	80 - 120
Chromium	0.0500	0.0433		mg/L		87	80 - 120
Cobalt	0.0500	0.0427		mg/L		85	80 - 120
Lead	0.0500	0.0430		mg/L		86	80 - 120
Selenium	0.0500	0.0400		mg/L		80	80 - 120
Thallium	0.0100	0.00825		mg/L		82	80 - 120

Lab Sample ID: 400-150979-B-1-B MS ^5

Matrix: Water

Analysis Batch: 393106

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 392217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010	F2 F1	0.0500	0.0333	F1	mg/L		67	75 - 125
Copper	0.0061		0.0500	0.0436		mg/L		75	75 - 125

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-150979-B-1-B MS ^5

Matrix: Water

Analysis Batch: 393106

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 392217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	<0.00046	F2 F1	0.0500	0.0307	F1	mg/L		61	75 - 125
Nickel	<0.0018	F2	0.0500	0.0380		mg/L		76	75 - 125
Barium	0.00062	J F2 F1	0.0500	0.0311	F1	mg/L		61	75 - 125
Silver	0.0013	F2 F1	0.0500	0.0315	F1	mg/L		60	75 - 125
Beryllium	0.0019	J F2 F1	0.0500	0.0324	F1	mg/L		61	75 - 125
Vanadium	<0.0014	F2 F1	0.0500	0.0307	F1	mg/L		61	75 - 125
Boron	<0.021	F2 F1	0.100	0.0679	F1	mg/L		68	75 - 125
Zinc	0.027	F1	0.0500	0.0598	F1	mg/L		65	75 - 125
Cadmium	<0.00034	F2 F1	0.0500	0.0308	F1	mg/L		62	75 - 125
Calcium	4.0	F1	5.00	7.18	F1	mg/L		63	75 - 125
Chromium	0.0046	F2 F1	0.0500	0.186	F1	mg/L		362	75 - 125
Cobalt	<0.00040	F2 F1	0.0500	0.0306	F1	mg/L		61	75 - 125
Lead	<0.00035	F2 F1	0.0500	0.0301	F1	mg/L		60	75 - 125
Selenium	<0.00024	F2 F1	0.0500	0.0304	F1	mg/L		61	75 - 125
Thallium	<0.000085	F2 F1	0.0100	0.00590	F1	mg/L		59	75 - 125

Lab Sample ID: 400-150979-B-1-C MSD ^5

Matrix: Water

Analysis Batch: 393106

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 392217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	<0.0010	F2 F1	0.0500	0.0444	F2	mg/L		89	75 - 125	28	20
Copper	0.0061		0.0500	0.0483		mg/L		84	75 - 125	10	20
Arsenic	<0.00046	F2 F1	0.0500	0.0421	F2	mg/L		84	75 - 125	31	20
Nickel	<0.0018	F2	0.0500	0.0473	F2	mg/L		95	75 - 125	22	20
Barium	0.00062	J F2 F1	0.0500	0.0427	F2	mg/L		84	75 - 125	31	20
Silver	0.0013	F2 F1	0.0500	0.0427	F2	mg/L		83	75 - 125	30	20
Beryllium	0.0019	J F2 F1	0.0500	0.0432	F2	mg/L		83	75 - 125	29	20
Vanadium	<0.0014	F2 F1	0.0500	0.0412	F2	mg/L		82	75 - 125	29	20
Boron	<0.021	F2 F1	0.100	0.0897	F2	mg/L		90	75 - 125	28	20
Zinc	0.027	F1	0.0500	0.0716		mg/L		88	75 - 125	18	20
Cadmium	<0.00034	F2 F1	0.0500	0.0419	F2	mg/L		84	75 - 125	30	20
Calcium	4.0	F1	5.00	8.45		mg/L		88	75 - 125	16	20
Chromium	0.0046	F2 F1	0.0500	0.0642	F2	mg/L		119	75 - 125	97	20
Cobalt	<0.00040	F2 F1	0.0500	0.0421	F2	mg/L		84	75 - 125	32	20
Lead	<0.00035	F2 F1	0.0500	0.0424	F2	mg/L		85	75 - 125	34	20
Selenium	<0.00024	F2 F1	0.0500	0.0400	F2	mg/L		80	75 - 125	27	20
Thallium	<0.000085	F2 F1	0.0100	0.00805	F2	mg/L		81	75 - 125	31	20

Lab Sample ID: MB 400-392265/1-A ^5

Matrix: Water

Analysis Batch: 393106

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 392265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/01/18 12:07	04/06/18 14:14	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/01/18 12:07	04/06/18 14:14	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		04/01/18 12:07	04/06/18 14:14	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/01/18 12:07	04/06/18 14:14	5
Barium	<0.00049		0.0025	0.00049	mg/L		04/01/18 12:07	04/06/18 14:14	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 400-392265/1-A ^5

Matrix: Water

Analysis Batch: 393106

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 392265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00011		0.0013	0.00011	mg/L		04/01/18 12:07	04/06/18 14:14	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 14:14	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/01/18 12:07	04/06/18 14:14	5
Boron	<0.021		0.050	0.021	mg/L		04/01/18 12:07	04/06/18 14:14	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/01/18 12:07	04/06/18 14:14	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 14:14	5
Calcium	<0.13		0.25	0.13	mg/L		04/01/18 12:07	04/06/18 14:14	5
Chromium	<0.0011		0.0025	0.0011	mg/L		04/01/18 12:07	04/06/18 14:14	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/01/18 12:07	04/06/18 14:14	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/01/18 12:07	04/06/18 14:14	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/01/18 12:07	04/06/18 14:14	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/01/18 12:07	04/06/18 14:14	5

Lab Sample ID: LCS 400-392265/2-A

Matrix: Water

Analysis Batch: 393106

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 392265

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0528		mg/L		106	80 - 120
Copper	0.0500	0.0487		mg/L		97	80 - 120
Arsenic	0.0500	0.0512		mg/L		102	80 - 120
Nickel	0.0500	0.0531		mg/L		106	80 - 120
Barium	0.0500	0.0505		mg/L		101	80 - 120
Silver	0.0500	0.0493		mg/L		99	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Vanadium	0.0500	0.0501		mg/L		100	80 - 120
Boron	0.100	0.104		mg/L		104	80 - 120
Zinc	0.0500	0.0526		mg/L		105	80 - 120
Cadmium	0.0500	0.0515		mg/L		103	80 - 120
Calcium	5.00	5.32		mg/L		106	80 - 120
Chromium	0.0500	0.0497		mg/L		99	80 - 120
Cobalt	0.0500	0.0495		mg/L		99	80 - 120
Lead	0.0500	0.0512		mg/L		102	80 - 120
Selenium	0.0500	0.0488		mg/L		98	80 - 120
Thallium	0.0100	0.00986		mg/L		99	80 - 120

Lab Sample ID: 400-151170-24 MS

Matrix: Water

Analysis Batch: 393106

Client Sample ID: GWC-7

Prep Type: Total Recoverable

Prep Batch: 392265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0556		mg/L		111	75 - 125
Antimony	<0.0010		0.0500	0.0556		mg/L		111	75 - 125
Copper	<0.0021		0.0500	0.0495		mg/L		99	75 - 125
Copper	<0.0021		0.0500	0.0495		mg/L		99	75 - 125
Arsenic	<0.00046		0.0500	0.0519		mg/L		104	75 - 125
Arsenic	<0.00046		0.0500	0.0519		mg/L		104	75 - 125
Nickel	<0.0018		0.0500	0.0542		mg/L		108	75 - 125
Nickel	<0.0018		0.0500	0.0542		mg/L		108	75 - 125

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151170-24 MS

Matrix: Water

Analysis Batch: 393106

Client Sample ID: GWC-7
Prep Type: Total Recoverable

Prep Batch: 392265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.035		0.0500	0.0880		mg/L		107	75 - 125
Barium	0.035		0.0500	0.0880		mg/L		107	75 - 125
Silver	<0.00011		0.0500	0.0501		mg/L		100	75 - 125
Silver	<0.00011		0.0500	0.0501		mg/L		100	75 - 125
Beryllium	<0.00034		0.0500	0.0517		mg/L		103	75 - 125
Beryllium	<0.00034		0.0500	0.0517		mg/L		103	75 - 125
Vanadium	0.012		0.0500	0.0616		mg/L		99	75 - 125
Vanadium	0.012		0.0500	0.0616		mg/L		99	75 - 125
Boron	<0.021		0.100	0.111		mg/L		111	75 - 125
Boron	<0.021		0.100	0.111		mg/L		111	75 - 125
Zinc	<0.0065		0.0500	0.0547		mg/L		109	75 - 125
Zinc	<0.0065		0.0500	0.0547		mg/L		109	75 - 125
Cadmium	<0.00034		0.0500	0.0512		mg/L		102	75 - 125
Cadmium	<0.00034		0.0500	0.0512		mg/L		102	75 - 125
Calcium	15		5.00	20.1		mg/L		101	75 - 125
Calcium	15		5.00	20.1		mg/L		101	75 - 125
Chromium	0.0086	F1	0.0500	0.0589		mg/L		101	75 - 125
Chromium	0.0086	F1	0.0500	0.0589		mg/L		101	75 - 125
Cobalt	<0.00040		0.0500	0.0504		mg/L		101	75 - 125
Cobalt	<0.00040		0.0500	0.0504		mg/L		101	75 - 125
Lead	<0.00035		0.0500	0.0518		mg/L		104	75 - 125
Lead	<0.00035		0.0500	0.0518		mg/L		104	75 - 125
Selenium	<0.00024		0.0500	0.0502		mg/L		100	75 - 125
Selenium	<0.00024		0.0500	0.0502		mg/L		100	75 - 125
Thallium	<0.000085		0.0100	0.0100		mg/L		100	75 - 125
Thallium	<0.000085		0.0100	0.0100		mg/L		100	75 - 125

Lab Sample ID: 400-151170-24 MSD

Matrix: Water

Analysis Batch: 393106

Client Sample ID: GWC-7
Prep Type: Total Recoverable

Prep Batch: 392265

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	<0.0010		0.0500	0.0543		mg/L		109	75 - 125	2	20
Antimony	<0.0010		0.0500	0.0543		mg/L		109	75 - 125	2	20
Copper	<0.0021		0.0500	0.0508		mg/L		102	75 - 125	3	20
Copper	<0.0021		0.0500	0.0508		mg/L		102	75 - 125	3	20
Arsenic	<0.00046		0.0500	0.0521		mg/L		104	75 - 125	0	20
Arsenic	<0.00046		0.0500	0.0521		mg/L		104	75 - 125	0	20
Nickel	<0.0018		0.0500	0.0552		mg/L		110	75 - 125	2	20
Nickel	<0.0018		0.0500	0.0552		mg/L		110	75 - 125	2	20
Barium	0.035		0.0500	0.0865		mg/L		104	75 - 125	2	20
Barium	0.035		0.0500	0.0865		mg/L		104	75 - 125	2	20
Silver	<0.00011		0.0500	0.0507		mg/L		101	75 - 125	1	20
Silver	<0.00011		0.0500	0.0507		mg/L		101	75 - 125	1	20
Beryllium	<0.00034		0.0500	0.0505		mg/L		101	75 - 125	2	20
Beryllium	<0.00034		0.0500	0.0505		mg/L		101	75 - 125	2	20
Vanadium	0.012		0.0500	0.0629		mg/L		102	75 - 125	2	20
Vanadium	0.012		0.0500	0.0629		mg/L		102	75 - 125	2	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151170-24 MSD

Matrix: Water

Analysis Batch: 393106

Client Sample ID: GWC-7
Prep Type: Total Recoverable

Prep Batch: 392265

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	<0.021		0.100	0.109		mg/L		109	75 - 125	2	20
Boron	<0.021		0.100	0.109		mg/L		109	75 - 125	2	20
Zinc	<0.0065		0.0500	0.0570		mg/L		114	75 - 125	4	20
Zinc	<0.0065		0.0500	0.0570		mg/L		114	75 - 125	4	20
Cadmium	<0.00034		0.0500	0.0537		mg/L		107	75 - 125	5	20
Cadmium	<0.00034		0.0500	0.0537		mg/L		107	75 - 125	5	20
Calcium	15		5.00	20.4		mg/L		107	75 - 125	2	20
Calcium	15		5.00	20.4		mg/L		107	75 - 125	2	20
Chromium	0.0086	F1	0.0500	0.0717	F1	mg/L		126	75 - 125	20	20
Chromium	0.0086	F1	0.0500	0.0717	F1	mg/L		126	75 - 125	20	20
Cobalt	<0.00040		0.0500	0.0504		mg/L		101	75 - 125	0	20
Cobalt	<0.00040		0.0500	0.0504		mg/L		101	75 - 125	0	20
Lead	<0.00035		0.0500	0.0518		mg/L		104	75 - 125	0	20
Lead	<0.00035		0.0500	0.0518		mg/L		104	75 - 125	0	20
Selenium	<0.00024		0.0500	0.0492		mg/L		98	75 - 125	2	20
Selenium	<0.00024		0.0500	0.0492		mg/L		98	75 - 125	2	20
Thallium	<0.000085		0.0100	0.0101		mg/L		101	75 - 125	1	20
Thallium	<0.000085		0.0100	0.0101		mg/L		101	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-392228/14-A

Matrix: Water

Analysis Batch: 392577

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 392228

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 15:10	1

Lab Sample ID: LCS 400-392228/15-A

Matrix: Water

Analysis Batch: 392577

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 392228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00107		mg/L		106	80 - 120

Lab Sample ID: 400-151258-B-3-C MS

Matrix: Water

Analysis Batch: 392577

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 392228

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000070		0.00201	0.00196		mg/L		97	80 - 120

Lab Sample ID: 400-151258-B-3-D MSD

Matrix: Water

Analysis Batch: 392577

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 392228

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.000070		0.00201	0.00205		mg/L		102	80 - 120	5	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 400-392489/14-A
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 392489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000138	J	0.00020	0.000070	mg/L	-	04/03/18 11:23	04/05/18 13:29	1

Lab Sample ID: LCS 400-392489/15-A
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 392489

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00107		mg/L	-	106	80 - 120

Lab Sample ID: 400-151352-R-1-C MS
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 392489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000070	F1	0.00201	0.00247	F1	mg/L	-	123	80 - 120

Lab Sample ID: 400-151352-R-1-D MSD
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 392489

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	<0.000070	F1	0.00201	0.00244	F1	mg/L	-	121	80 - 120	2	20

Lab Sample ID: MB 400-392667/14-A
Matrix: Water
Analysis Batch: 393411

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 392667

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L	-	04/08/18 14:23	04/10/18 09:27	1

Lab Sample ID: LCS 400-392667/15-A
Matrix: Water
Analysis Batch: 393411

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 392667

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00101		mg/L	-	101	80 - 120

Lab Sample ID: 400-151170-17 MS
Matrix: Water
Analysis Batch: 393411

Client Sample ID: GWC-12
Prep Type: Total/NA
Prep Batch: 392667

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000070		0.00201	0.00199		mg/L	-	99	80 - 120

Lab Sample ID: 400-151170-17 MSD
Matrix: Water
Analysis Batch: 393411

Client Sample ID: GWC-12
Prep Type: Total/NA
Prep Batch: 392667

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	<0.000070		0.00201	0.00199		mg/L	-	99	80 - 120	0	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-391315/1

Matrix: Water

Analysis Batch: 391315

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L	-		03/24/18 17:19	1

Lab Sample ID: LCS 400-391315/2

Matrix: Water

Analysis Batch: 391315

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	278		mg/L	-	95	78 - 122

Lab Sample ID: 400-151119-E-7 DU

Matrix: Water

Analysis Batch: 391315

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	680		676		mg/L	-	0	5

Lab Sample ID: MB 400-391316/1

Matrix: Water

Analysis Batch: 391316

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L	-		03/24/18 17:50	1

Lab Sample ID: LCS 400-391316/2

Matrix: Water

Analysis Batch: 391316

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	274		mg/L	-	94	78 - 122

Lab Sample ID: 400-151170-9 DU

Matrix: Water

Analysis Batch: 391316

Client Sample ID: GWC-18

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	92		92.0		mg/L	-	0	5

Lab Sample ID: MB 400-391317/1

Matrix: Water

Analysis Batch: 391317

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L	-		03/25/18 06:55	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 400-391317/2

Matrix: Water

Analysis Batch: 391317

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	298		mg/L		102	78 - 122

Lab Sample ID: 400-151170-12 DU

Matrix: Water

Analysis Batch: 391317

Client Sample ID: GWC-9

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	160		164		mg/L		0	5

Lab Sample ID: MB 400-391575/1

Matrix: Water

Analysis Batch: 391575

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/27/18 13:11	1

Lab Sample ID: LCS 400-391575/2

Matrix: Water

Analysis Batch: 391575

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	280		mg/L		96	78 - 122

Lab Sample ID: 400-151170-23 DU

Matrix: Water

Analysis Batch: 391575

Client Sample ID: GWC-13

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	76		76.0		mg/L		0	5

Lab Sample ID: 400-151170-26 DU

Matrix: Water

Analysis Batch: 391575

Client Sample ID: GWC-8A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	220		220		mg/L		0	5

Chain of Custody Record

Client Information		Lab PM: Whitmire, Cheyenne R		COC No: 400-68569-27833.6	
Client Contact: Ben Hodges		E-Mail: cheyenne.whitmire@testamericainc.com		Page: 1 of 1	
Company: Southern Company		Address: 241 Ralph McGill Blvd SE B10185		Job #: 151170	
City: Atlanta		State, Zip: GA, 30308		Preservation Codes:	
Phone: SCS10347656		PO #: SCS10347656		A - HCL	
Email: JAbraham@southernco.com		WO #: 40008128		B - NaOH	
Project Name: CCR - Plant Scherer App III		SSOW#: Cell 1		C - Zn Acetate	
				D - Nitric Acid	
				E - NaHSO4	
				F - MeOH	
				G - Ascorbic Acid	
				H - Ice	
				I - Ice	
				J - DI Water	
				K - EDTA	
				L - EDA	
				Other:	
				M - Hexane	
				N - None	
				O - AsNaO2	
				P - Na2O4S	
				Q - Na2SO3	
				R - Na2SO3	
				S - H2SO4	
				T - TSP Dodecahydrate	
				U - Acetone	
				V - MCAA	
				W - pH 4-5	
				Z - other (specify)	

Analysis Requested				Total Number of Containers		Special Instructions/Note:
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	
3/20/18	1350	G	Water	N	X	State 6020 - As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn & 7470 - Hg 6020 - Boron & Calcium Chloride & Sulfate 2540C - Total Dissolved Solids, 300 ORGFM, 28D-Fluoride, 400-151170 COC
3/20/18	1540	G	Water	N	X	
3/20/18	1240	G	Water	N	X	
3/20/18	--	G	Water	N	X	
3/20/18	1020	G	Water	N	X	
3/20/18	1020	G	Water	N	X	
3/20/18	1025	G	Water	N	X	
3/20/18	1235	G	Water	N	X	
3/20/18	1350	G	Water	N	X	
3/20/18	1510	G	Water	N	X	
3/20/18	1455	G	Water	N	X	
3/20/18	1455	G	Water	N	X	
3/20/18	1455	G	Water	N	X	
3/20/18	1455	G	Water	N	X	

<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Empty Kit Relinquished by: Ben Hodges Date/Time: 10/5/17 0800		Method of Shipment: _____ Received by: TELROD Date/Time: 3-21-18 0805 Company: Elrod	
Relinquished by: TELROD Date/Time: 3-21-18 1200 Company: Elrod		Received by: _____ Date/Time: 3-21-18 1200 Company: Elrod	
Relinquished by: _____ Date/Time: 3-21-18 1201 Company: Elrod		Received by: _____ Date/Time: 3-21-18 0914 Company: Elrod	
Custody Seal No.: _____ Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 0.0°C IR7	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-151170-1

SDG Number: Landfill Cell #1

Login Number: 151170

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR7, 0.0°C IR7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18 *
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Pensacola

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-151220-1

TestAmerica Sample Delivery Group: PAC Ash Landfill

Client Project/Site: CCR - Plant Scherer

For:

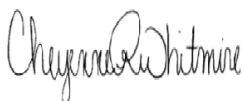
Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

4/12/2018 4:04:49 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Job ID: 400-151220-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-151220-1

HPLC/IC

Method(s) 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: GWA-45 (400-151220-3), FD-1 (PA) (400-151220-5) and GWC-53 (400-151220-15). Elevated reporting limits (RLs) are provided.

Metals

Method(s) 6020: The continuing calibration verification (CCV) associated with batch 393373 recovered above the upper control limit for Arsenic, Boron, Beryllium, and Lithium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: GWA-21 (400-151220-10), GWA-22 (400-151220-11), GWA-29 (400-151220-12), GWC-51 (400-151220-13), GWC-52 (400-151220-14), EB-2 (PA) (400-151220-16), FB-2 (PA) (400-151220-17) and (MB 400-392993/1-A ^5).

Method(s) 6020: The continuing calibration verification (CCV) associated with batch 393373 recovered above the upper control limit for Arsenic, Beryllium, and Lithium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: GWC-53 (400-151220-15).

Method(s) 6020: The post digestion spike % recovery for Lithium associated with batch 393373 was outside of control limits.

Method(s) 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 392993 and analytical batch 393373 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6020: The continuing calibration verification (CCV) associated with batch 393373 recovered above the upper control limit for Arsenic and Boron. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: FD-2 (PA) (400-151220-18).

Method(s) 6020: The following sample was diluted to bring the concentration of target analytes within the calibration range: GWC-53 (400-151220-15). Elevated reporting limits (RLs) are provided.

Method(s) 7470A: The method blank for preparation batch 393340 and analytical batch 393601 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-47

Lab Sample ID: 400-151220-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1.3		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.024		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0074		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Lead	0.00096	J	0.0013	0.00035	mg/L	5			6020	Total Recoverable
Vanadium	0.0068		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Calcium	11		0.25	0.13	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	92		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWA-49

Lab Sample ID: 400-151220-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.018		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0051		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Vanadium	0.018		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Calcium	14		0.25	0.13	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	100		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWA-45

Lab Sample ID: 400-151220-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	9.7		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate - DL	150		5.0	3.5	mg/L	5			300.0	Total/NA
Barium	0.050		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Cobalt	0.0015	J	0.0025	0.00040	mg/L	5			6020	Total Recoverable
Calcium	39		0.25	0.13	mg/L	5			6020	Total Recoverable
Boron	0.66		0.050	0.021	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	310		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: FB-1 (PA)

Lab Sample ID: 400-151220-4

No Detections.

Client Sample ID: FD-1 (PA)

Lab Sample ID: 400-151220-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	9.7		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate - DL	150		5.0	3.5	mg/L	5			300.0	Total/NA
Barium	0.049		0.0025	0.00049	mg/L	5			6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FD-1 (PA) (Continued)

Lab Sample ID: 400-151220-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.0015	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Calcium	39		0.25	0.13	mg/L	5		6020	Total Recoverable
Boron	0.68		0.050	0.021	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	330		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-1 (PA)

Lab Sample ID: 400-151220-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000074	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA

Client Sample ID: GWA-46

Lab Sample ID: 400-151220-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.020		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0045		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Vanadium	0.0032		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	6.6		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	52		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-48

Lab Sample ID: 400-151220-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.3		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.012		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0050		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Vanadium	0.016		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	13		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	86		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-50

Lab Sample ID: 400-151220-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.011		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0042		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Vanadium	0.0023	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	7.5		0.25	0.13	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-50 (Continued)

Lab Sample ID: 400-151220-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	96		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWA-21

Lab Sample ID: 400-151220-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	3.8		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate	2.3		1.0	0.70	mg/L	1			300.0	Total/NA
Barium	0.026		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Vanadium	0.0014	J	0.0025	0.0014	mg/L	5			6020	Total Recoverable
Calcium	9.3		0.25	0.13	mg/L	5			6020	Total Recoverable
Chromium	0.0011	J	0.0025	0.0011	mg/L	5			6020	Total Recoverable
Cobalt	0.00088	J	0.0025	0.00040	mg/L	5			6020	Total Recoverable
Mercury	0.000070	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	94		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWA-22

Lab Sample ID: 400-151220-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.022		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Vanadium	0.0029		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Calcium	8.7		0.25	0.13	mg/L	5			6020	Total Recoverable
Chromium	0.0088		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	56		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWA-29

Lab Sample ID: 400-151220-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate	2.4		1.0	0.70	mg/L	1			300.0	Total/NA
Nickel	0.0037		0.0025	0.0018	mg/L	5			6020	Total Recoverable
Barium	0.015		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Vanadium	0.0037		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Calcium	11		0.25	0.13	mg/L	5			6020	Total Recoverable
Chromium	0.0013	J	0.0025	0.0011	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	58		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-51

Lab Sample ID: 400-151220-13

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-51 (Continued)

Lab Sample ID: 400-151220-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	6.6		1.0	0.89	mg/L	1			300.0	Total/NA
Nickel	0.0021	J	0.0025	0.0018	mg/L	5			6020	Total Recoverable
Barium	0.0094		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Vanadium	0.0040		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Calcium	7.0		0.25	0.13	mg/L	5			6020	Total Recoverable
Chromium	0.0028		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	72		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-52

Lab Sample ID: 400-151220-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	7.8		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate	20		1.0	0.70	mg/L	1			300.0	Total/NA
Barium	0.013		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Vanadium	0.0096		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Calcium	15		0.25	0.13	mg/L	5			6020	Total Recoverable
Chromium	0.012		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Lead	0.0034		0.0013	0.00035	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	98		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-53

Lab Sample ID: 400-151220-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	11		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate - DL	160		5.0	3.5	mg/L	5			300.0	Total/NA
Nickel	0.0075		0.0025	0.0018	mg/L	5			6020	Total Recoverable
Barium	0.050		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Zinc	0.016	J	0.020	0.0065	mg/L	5			6020	Total Recoverable
Calcium	19		0.25	0.13	mg/L	5			6020	Total Recoverable
Chromium	0.0014	J	0.0025	0.0011	mg/L	5			6020	Total Recoverable
Cobalt	0.0069		0.0025	0.00040	mg/L	5			6020	Total Recoverable
Boron - DL	0.91		0.10	0.042	mg/L	10			6020	Total Recoverable
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	240		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: EB-2 (PA)

Lab Sample ID: 400-151220-16

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: EB-2 (PA) (Continued)

Lab Sample ID: 400-151220-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000089	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA

Client Sample ID: FB-2 (PA)

Lab Sample ID: 400-151220-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000074	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA

Client Sample ID: FD-2 (PA)

Lab Sample ID: 400-151220-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.022		0.0025	0.00049	mg/L	5		6020	Total
Vanadium	0.0027		0.0025	0.0014	mg/L	5		6020	Recoverable
Calcium	8.5		0.25	0.13	mg/L	5		6020	Total
Chromium	0.0086		0.0025	0.0011	mg/L	5		6020	Recoverable
Mercury	0.000072	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	46		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-151220-1	GWA-47	Water	03/22/18 15:25	03/23/18 11:46
400-151220-2	GWA-49	Water	03/22/18 15:25	03/23/18 11:46
400-151220-3	GWA-45	Water	03/22/18 14:25	03/23/18 11:46
400-151220-4	FB-1 (PA)	Water	03/22/18 13:00	03/23/18 11:46
400-151220-5	FD-1 (PA)	Water	03/22/18 00:00	03/23/18 11:46
400-151220-6	EB-1 (PA)	Water	03/22/18 16:05	03/23/18 11:46
400-151220-7	GWA-46	Water	03/23/18 10:15	03/24/18 08:17
400-151220-8	GWA-48	Water	03/23/18 09:55	03/24/18 08:17
400-151220-9	GWC-50	Water	03/23/18 11:10	03/24/18 08:17
400-151220-10	GWA-21	Water	03/26/18 14:15	03/28/18 09:44
400-151220-11	GWA-22	Water	03/26/18 10:50	03/28/18 09:44
400-151220-12	GWA-29	Water	03/26/18 15:15	03/28/18 09:44
400-151220-13	GWC-51	Water	03/26/18 10:50	03/28/18 09:44
400-151220-14	GWC-52	Water	03/26/18 12:05	03/28/18 09:44
400-151220-15	GWC-53	Water	03/26/18 14:15	03/28/18 09:44
400-151220-16	EB-2 (PA)	Water	03/26/18 15:45	03/28/18 09:44
400-151220-17	FB-2 (PA)	Water	03/26/18 10:30	03/28/18 09:44
400-151220-18	FD-2 (PA)	Water	03/26/18 00:00	03/28/18 09:44

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-47
Date Collected: 03/22/18 15:25
Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-1
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	0.89	mg/L			04/05/18 09:31	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 09:31	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 09:31	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:16	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:16	5
Barium	0.024		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:16	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:16	5
Chromium	0.0074		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:16	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:16	5
Lead	0.00096	J	0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:16	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:16	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:16	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:16	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:16	5
Vanadium	0.0068		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:16	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:16	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:16	5
Calcium	11		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:16	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:16	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:16	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	92		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-49
Date Collected: 03/22/18 15:25
Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-2
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.89	mg/L			04/05/18 20:56	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 20:56	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 20:56	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:20	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:20	5
Barium	0.018		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:20	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:20	5
Chromium	0.0051		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:20	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:20	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:20	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:20	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:20	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:20	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:20	5
Vanadium	0.018		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:20	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:20	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:20	5
Calcium	14		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:20	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:20	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:20	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-45
Date Collected: 03/22/18 14:25
Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-3
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.7		1.0	0.89	mg/L			04/05/18 11:03	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 11:03	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	150		5.0	3.5	mg/L			04/05/18 22:51	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:25	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:25	5
Barium	0.050		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:25	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:25	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:25	5
Cobalt	0.0015	J	0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:25	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:25	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:25	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:25	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:25	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:25	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:25	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:25	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:25	5
Calcium	39		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:25	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:25	5
Boron	0.66		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:25	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	310		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FB-1 (PA)

Date Collected: 03/22/18 13:00

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-4

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 11:26	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 11:26	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 11:26	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:29	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:29	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:29	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:29	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:29	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:29	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:29	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:29	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:29	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:29	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:29	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:29	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:29	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:29	5
Calcium	<0.13		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:29	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:29	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:29	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FD-1 (PA)

Date Collected: 03/22/18 00:00

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-5

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.7		1.0	0.89	mg/L			04/05/18 11:48	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 11:48	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	150		5.0	3.5	mg/L			04/05/18 23:14	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:34	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:34	5
Barium	0.049		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:34	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:34	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:34	5
Cobalt	0.0015	J	0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:34	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:34	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:34	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:34	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:34	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:34	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:34	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:34	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:34	5
Calcium	39		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:34	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:34	5
Boron	0.68		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:34	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	330		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: EB-1 (PA)

Date Collected: 03/22/18 16:05

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-6

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 16:45	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 16:45	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 16:45	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:38	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:38	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:38	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:38	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:38	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:38	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:38	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:38	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:38	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:38	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:38	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:38	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:38	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:38	5
Calcium	<0.13		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:38	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:38	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:38	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000074	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-46

Date Collected: 03/23/18 10:15

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151220-7

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	0.89	mg/L			04/05/18 17:08	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 17:08	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 17:08	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:43	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:43	5
Barium	0.020		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:43	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:43	5
Chromium	0.0045		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:43	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:43	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:43	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:43	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:43	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:43	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:43	5
Vanadium	0.0032		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:43	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:43	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:43	5
Calcium	6.6		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:43	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:43	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:43	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	52		5.0	3.4	mg/L			03/26/18 12:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-48

Date Collected: 03/23/18 09:55

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151220-8

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/05/18 19:25	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 19:25	1
Sulfate	1.3		1.0	0.70	mg/L			04/05/18 19:25	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:47	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:47	5
Barium	0.012		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:47	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:47	5
Chromium	0.0050		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:47	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:47	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:47	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:47	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:47	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:47	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:47	5
Vanadium	0.016		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:47	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:47	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:47	5
Calcium	13		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:47	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:47	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:47	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	86		5.0	3.4	mg/L			03/26/18 12:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-50
Date Collected: 03/23/18 11:10
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151220-9
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.89	mg/L			04/05/18 20:34	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 20:34	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 20:34	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 01:14	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 01:14	5
Barium	0.011		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 01:14	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 01:14	5
Chromium	0.0042		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 01:14	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 01:14	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 01:14	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 01:14	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 01:14	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 01:14	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 01:14	5
Vanadium	0.0023	J	0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 01:14	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 01:14	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 01:14	5
Calcium	7.5		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 01:14	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 01:14	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 01:14	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	96		5.0	3.4	mg/L			03/26/18 12:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-21

Date Collected: 03/26/18 14:15

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-10

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.8		1.0	0.89	mg/L			04/05/18 12:11	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 12:11	1
Sulfate	2.3		1.0	0.70	mg/L			04/05/18 12:11	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 04:39	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 04:39	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 04:39	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 04:39	5
Barium	0.026		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 04:39	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 04:39	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:39	5
Vanadium	0.0014	J	0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 04:39	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 04:39	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 04:39	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:39	5
Calcium	9.3		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 04:39	5
Chromium	0.0011	J	0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 04:39	5
Cobalt	0.00088	J	0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 04:39	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 04:39	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 04:39	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 04:39	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	94		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-22
Date Collected: 03/26/18 10:50
Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-11
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.89	mg/L			04/05/18 12:34	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 12:34	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 12:34	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 04:43	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 04:43	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 04:43	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 04:43	5
Barium	0.022		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 04:43	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 04:43	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:43	5
Vanadium	0.0029		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 04:43	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 04:43	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 04:43	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:43	5
Calcium	8.7		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 04:43	5
Chromium	0.0088		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 04:43	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 04:43	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 04:43	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 04:43	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 04:43	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	56		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-29
Date Collected: 03/26/18 15:15
Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-12
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.89	mg/L			04/05/18 13:20	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 13:20	1
Sulfate	2.4		1.0	0.70	mg/L			04/05/18 13:20	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 04:48	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 04:48	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 04:48	5
Nickel	0.0037		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 04:48	5
Barium	0.015		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 04:48	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 04:48	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:48	5
Vanadium	0.0037		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 04:48	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 04:48	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 04:48	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:48	5
Calcium	11		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 04:48	5
Chromium	0.0013	J	0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 04:48	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 04:48	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 04:48	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 04:48	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 04:48	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	58		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-51

Date Collected: 03/26/18 10:50

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-13

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.6		1.0	0.89	mg/L			04/05/18 21:19	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 21:19	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 21:19	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 04:52	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 04:52	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 04:52	5
Nickel	0.0021	J	0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 04:52	5
Barium	0.0094		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 04:52	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 04:52	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:52	5
Vanadium	0.0040		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 04:52	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 04:52	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 04:52	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:52	5
Calcium	7.0		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 04:52	5
Chromium	0.0028		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 04:52	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 04:52	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 04:52	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 04:52	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 04:52	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	72		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-52

Date Collected: 03/26/18 12:05

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-14

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.8		1.0	0.89	mg/L			04/05/18 14:05	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 14:05	1
Sulfate	20		1.0	0.70	mg/L			04/05/18 14:05	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 04:57	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 04:57	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 04:57	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 04:57	5
Barium	0.013		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 04:57	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 04:57	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:57	5
Vanadium	0.0096		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 04:57	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 04:57	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 04:57	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:57	5
Calcium	15		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 04:57	5
Chromium	0.012		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 04:57	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 04:57	5
Lead	0.0034		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 04:57	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 04:57	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 04:57	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	98		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-53

Date Collected: 03/26/18 14:15

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-15

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.89	mg/L			04/05/18 15:14	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 15:14	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	160		5.0	3.5	mg/L			04/05/18 23:36	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 05:01	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 05:01	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 05:01	5
Nickel	0.0075		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 05:01	5
Barium	0.050		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 05:01	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 05:01	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:01	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 05:01	5
Zinc	0.016	J	0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 05:01	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:01	5
Calcium	19		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 05:01	5
Chromium	0.0014	J	0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 05:01	5
Cobalt	0.0069		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 05:01	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 05:01	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 05:01	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 05:01	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.91		0.10	0.042	mg/L		04/06/18 12:38	04/10/18 14:01	10

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	240		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: EB-2 (PA)

Date Collected: 03/26/18 15:45

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-16

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 15:37	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 15:37	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 15:37	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 05:06	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 05:06	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 05:06	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 05:06	5
Barium	<0.00049		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 05:06	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 05:06	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:06	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 05:06	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 05:06	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 05:06	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:06	5
Calcium	<0.13		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 05:06	5
Chromium	<0.0011		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 05:06	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 05:06	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 05:06	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 05:06	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 05:06	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000089	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FB-2 (PA)

Date Collected: 03/26/18 10:30

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-17

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 16:00	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 16:00	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 16:00	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 05:10	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 05:10	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 05:10	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 05:10	5
Barium	<0.00049		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 05:10	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 05:10	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:10	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 05:10	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 05:10	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 05:10	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:10	5
Calcium	<0.13		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 05:10	5
Chromium	<0.0011		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 05:10	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 05:10	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 05:10	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 05:10	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 05:10	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000074	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FD-2 (PA)

Date Collected: 03/26/18 00:00

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-18

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.89	mg/L			04/05/18 16:22	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 16:22	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 16:22	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 05:37	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 05:37	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 05:37	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 05:37	5
Barium	0.022		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 05:37	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 05:37	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:37	5
Vanadium	0.0027		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 05:37	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 05:37	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 05:37	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:37	5
Calcium	8.5		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 05:37	5
Chromium	0.0086		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 05:37	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 05:37	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 05:37	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 05:37	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 05:37	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000072	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	46		5.0	3.4	mg/L			03/29/18 13:49	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-47

Date Collected: 03/22/18 15:25

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 09:31	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:16	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:30	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: GWA-49

Date Collected: 03/22/18 15:25

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/05/18 20:56	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:20	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:38	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: GWA-45

Date Collected: 03/22/18 14:25

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 11:03	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	392922	04/05/18 22:51	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:25	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:40	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: FB-1 (PA)

Date Collected: 03/22/18 13:00

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 11:26	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:29	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:42	JAP	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FB-1 (PA)

Date Collected: 03/22/18 13:00

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: FD-1 (PA)

Date Collected: 03/22/18 00:00

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 11:48	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	392922	04/05/18 23:14	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:34	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:44	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: EB-1 (PA)

Date Collected: 03/22/18 16:05

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 16:45	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:38	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:57	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: GWA-46

Date Collected: 03/23/18 10:15

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151220-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 17:08	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:43	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:58	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391438	03/26/18 12:25	RRC	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-48

Date Collected: 03/23/18 09:55

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151220-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/05/18 19:25	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:47	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:00	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391438	03/26/18 12:25	RRC	TAL PEN

Client Sample ID: GWC-50

Date Collected: 03/23/18 11:10

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151220-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/05/18 20:34	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 01:14	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:02	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391438	03/26/18 12:25	RRC	TAL PEN

Client Sample ID: GWA-21

Date Collected: 03/26/18 14:15

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 12:11	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 04:39	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:03	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: GWA-22

Date Collected: 03/26/18 10:50

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 12:34	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 04:43	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:05	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-29

Date Collected: 03/26/18 15:15

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 13:20	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 04:48	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:07	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: GWC-51

Date Collected: 03/26/18 10:50

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/05/18 21:19	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 04:52	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:09	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: GWC-52

Date Collected: 03/26/18 12:05

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 14:05	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 04:57	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:10	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: GWC-53

Date Collected: 03/26/18 14:15

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 15:14	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	392922	04/05/18 23:36	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 05:01	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	10	393442	04/10/18 14:01	DRE	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-53

Date Collected: 03/26/18 14:15

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:12	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: EB-2 (PA)

Date Collected: 03/26/18 15:45

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 15:37	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 05:06	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:23	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: FB-2 (PA)

Date Collected: 03/26/18 10:30

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 16:00	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 05:10	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:25	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: FD-2 (PA)

Date Collected: 03/26/18 00:00

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 16:22	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 05:37	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:26	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

HPLC/IC

Analysis Batch: 392771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total/NA	Water	300.0	
400-151220-3	GWA-45	Total/NA	Water	300.0	
400-151220-4	FB-1 (PA)	Total/NA	Water	300.0	
400-151220-5	FD-1 (PA)	Total/NA	Water	300.0	
400-151220-6	EB-1 (PA)	Total/NA	Water	300.0	
400-151220-7	GWA-46	Total/NA	Water	300.0	
400-151220-10	GWA-21	Total/NA	Water	300.0	
400-151220-11	GWA-22	Total/NA	Water	300.0	
400-151220-12	GWA-29	Total/NA	Water	300.0	
400-151220-14	GWC-52	Total/NA	Water	300.0	
400-151220-15	GWC-53	Total/NA	Water	300.0	
400-151220-16	EB-2 (PA)	Total/NA	Water	300.0	
400-151220-17	FB-2 (PA)	Total/NA	Water	300.0	
400-151220-18	FD-2 (PA)	Total/NA	Water	300.0	
MB 400-392771/4	Method Blank	Total/NA	Water	300.0	
LCS 400-392771/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392771/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151170-A-12 MS	Matrix Spike	Total/NA	Water	300.0	
400-151170-A-12 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 392922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-2	GWA-49	Total/NA	Water	300.0	
400-151220-3 - DL	GWA-45	Total/NA	Water	300.0	
400-151220-5 - DL	FD-1 (PA)	Total/NA	Water	300.0	
400-151220-8	GWA-48	Total/NA	Water	300.0	
400-151220-9	GWC-50	Total/NA	Water	300.0	
400-151220-13	GWC-51	Total/NA	Water	300.0	
400-151220-15 - DL	GWC-53	Total/NA	Water	300.0	
MB 400-392922/36	Method Blank	Total/NA	Water	300.0	
LCS 400-392922/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392922/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151220-8 MS	GWA-48	Total/NA	Water	300.0	
400-151220-8 MSD	GWA-48	Total/NA	Water	300.0	

Metals

Prep Batch: 391845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total Recoverable	Water	3005A	
400-151220-2	GWA-49	Total Recoverable	Water	3005A	
400-151220-3	GWA-45	Total Recoverable	Water	3005A	
400-151220-4	FB-1 (PA)	Total Recoverable	Water	3005A	
400-151220-5	FD-1 (PA)	Total Recoverable	Water	3005A	
400-151220-6	EB-1 (PA)	Total Recoverable	Water	3005A	
400-151220-7	GWA-46	Total Recoverable	Water	3005A	
400-151220-8	GWA-48	Total Recoverable	Water	3005A	
400-151220-9	GWC-50	Total Recoverable	Water	3005A	
MB 400-391845/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-391845/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Metals (Continued)

Prep Batch: 391845 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-G-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-151322-G-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 391973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total Recoverable	Water	6020	391845
400-151220-2	GWA-49	Total Recoverable	Water	6020	391845
400-151220-3	GWA-45	Total Recoverable	Water	6020	391845
400-151220-4	FB-1 (PA)	Total Recoverable	Water	6020	391845
400-151220-5	FD-1 (PA)	Total Recoverable	Water	6020	391845
400-151220-6	EB-1 (PA)	Total Recoverable	Water	6020	391845
400-151220-7	GWA-46	Total Recoverable	Water	6020	391845
400-151220-8	GWA-48	Total Recoverable	Water	6020	391845
400-151220-9	GWC-50	Total Recoverable	Water	6020	391845
MB 400-391845/1-A ^5	Method Blank	Total Recoverable	Water	6020	391845
LCS 400-391845/2-A	Lab Control Sample	Total Recoverable	Water	6020	391845
400-151322-G-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	391845
400-151322-G-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	391845

Prep Batch: 392993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-10	GWA-21	Total Recoverable	Water	3005A	
400-151220-11	GWA-22	Total Recoverable	Water	3005A	
400-151220-12	GWA-29	Total Recoverable	Water	3005A	
400-151220-13	GWC-51	Total Recoverable	Water	3005A	
400-151220-14	GWC-52	Total Recoverable	Water	3005A	
400-151220-15	GWC-53	Total Recoverable	Water	3005A	
400-151220-15 - DL	GWC-53	Total Recoverable	Water	3005A	
400-151220-16	EB-2 (PA)	Total Recoverable	Water	3005A	
400-151220-17	FB-2 (PA)	Total Recoverable	Water	3005A	
400-151220-18	FD-2 (PA)	Total Recoverable	Water	3005A	
MB 400-392993/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-392993/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151541-C-5-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-151541-C-5-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 393340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total/NA	Water	7470A	
400-151220-2	GWA-49	Total/NA	Water	7470A	
400-151220-3	GWA-45	Total/NA	Water	7470A	
400-151220-4	FB-1 (PA)	Total/NA	Water	7470A	
400-151220-5	FD-1 (PA)	Total/NA	Water	7470A	
400-151220-6	EB-1 (PA)	Total/NA	Water	7470A	
400-151220-7	GWA-46	Total/NA	Water	7470A	
400-151220-8	GWA-48	Total/NA	Water	7470A	
400-151220-9	GWC-50	Total/NA	Water	7470A	
400-151220-10	GWA-21	Total/NA	Water	7470A	
400-151220-11	GWA-22	Total/NA	Water	7470A	
400-151220-12	GWA-29	Total/NA	Water	7470A	
400-151220-13	GWC-51	Total/NA	Water	7470A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Metals (Continued)

Prep Batch: 393340 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-14	GWC-52	Total/NA	Water	7470A	
400-151220-15	GWC-53	Total/NA	Water	7470A	
400-151220-16	EB-2 (PA)	Total/NA	Water	7470A	
400-151220-17	FB-2 (PA)	Total/NA	Water	7470A	
400-151220-18	FD-2 (PA)	Total/NA	Water	7470A	
MB 400-393340/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-393340/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151220-1 MS	GWA-47	Total/NA	Water	7470A	
400-151220-1 MSD	GWA-47	Total/NA	Water	7470A	

Analysis Batch: 393373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-10	GWA-21	Total Recoverable	Water	6020	392993
400-151220-11	GWA-22	Total Recoverable	Water	6020	392993
400-151220-12	GWA-29	Total Recoverable	Water	6020	392993
400-151220-13	GWC-51	Total Recoverable	Water	6020	392993
400-151220-14	GWC-52	Total Recoverable	Water	6020	392993
400-151220-15	GWC-53	Total Recoverable	Water	6020	392993
400-151220-16	EB-2 (PA)	Total Recoverable	Water	6020	392993
400-151220-17	FB-2 (PA)	Total Recoverable	Water	6020	392993
400-151220-18	FD-2 (PA)	Total Recoverable	Water	6020	392993
MB 400-392993/1-A ^5	Method Blank	Total Recoverable	Water	6020	392993
400-151541-C-5-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	392993
400-151541-C-5-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	392993

Analysis Batch: 393442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-15 - DL	GWC-53	Total Recoverable	Water	6020	392993
LCS 400-392993/2-A	Lab Control Sample	Total Recoverable	Water	6020	392993

Analysis Batch: 393601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total/NA	Water	7470A	393340
400-151220-2	GWA-49	Total/NA	Water	7470A	393340
400-151220-3	GWA-45	Total/NA	Water	7470A	393340
400-151220-4	FB-1 (PA)	Total/NA	Water	7470A	393340
400-151220-5	FD-1 (PA)	Total/NA	Water	7470A	393340
400-151220-6	EB-1 (PA)	Total/NA	Water	7470A	393340
400-151220-7	GWA-46	Total/NA	Water	7470A	393340
400-151220-8	GWA-48	Total/NA	Water	7470A	393340
400-151220-9	GWC-50	Total/NA	Water	7470A	393340
400-151220-10	GWA-21	Total/NA	Water	7470A	393340
400-151220-11	GWA-22	Total/NA	Water	7470A	393340
400-151220-12	GWA-29	Total/NA	Water	7470A	393340
400-151220-13	GWC-51	Total/NA	Water	7470A	393340
400-151220-14	GWC-52	Total/NA	Water	7470A	393340
400-151220-15	GWC-53	Total/NA	Water	7470A	393340
400-151220-16	EB-2 (PA)	Total/NA	Water	7470A	393340
400-151220-17	FB-2 (PA)	Total/NA	Water	7470A	393340
400-151220-18	FD-2 (PA)	Total/NA	Water	7470A	393340
MB 400-393340/14-A	Method Blank	Total/NA	Water	7470A	393340

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Metals (Continued)

Analysis Batch: 393601 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-393340/15-A	Lab Control Sample	Total/NA	Water	7470A	393340
400-151220-1 MS	GWA-47	Total/NA	Water	7470A	393340
400-151220-1 MSD	GWA-47	Total/NA	Water	7470A	393340

General Chemistry

Analysis Batch: 391438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-7	GWA-46	Total/NA	Water	SM 2540C	
400-151220-8	GWA-48	Total/NA	Water	SM 2540C	
400-151220-9	GWC-50	Total/NA	Water	SM 2540C	
MB 400-391438/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391438/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151189-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	
400-151191-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 391575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total/NA	Water	SM 2540C	
400-151220-2	GWA-49	Total/NA	Water	SM 2540C	
400-151220-3	GWA-45	Total/NA	Water	SM 2540C	
400-151220-4	FB-1 (PA)	Total/NA	Water	SM 2540C	
400-151220-5	FD-1 (PA)	Total/NA	Water	SM 2540C	
400-151220-6	EB-1 (PA)	Total/NA	Water	SM 2540C	
MB 400-391575/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391575/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151170-A-23 DU	Duplicate	Total/NA	Water	SM 2540C	
400-151170-A-26 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 391992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-10	GWA-21	Total/NA	Water	SM 2540C	
400-151220-11	GWA-22	Total/NA	Water	SM 2540C	
400-151220-12	GWA-29	Total/NA	Water	SM 2540C	
400-151220-13	GWC-51	Total/NA	Water	SM 2540C	
400-151220-14	GWC-52	Total/NA	Water	SM 2540C	
400-151220-15	GWC-53	Total/NA	Water	SM 2540C	
400-151220-16	EB-2 (PA)	Total/NA	Water	SM 2540C	
400-151220-17	FB-2 (PA)	Total/NA	Water	SM 2540C	
400-151220-18	FD-2 (PA)	Total/NA	Water	SM 2540C	
MB 400-391992/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391992/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151220-14 DU	GWC-52	Total/NA	Water	SM 2540C	

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-392771/4

Matrix: Water

Analysis Batch: 392771

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 06:06	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 06:06	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 06:06	1

Lab Sample ID: LCS 400-392771/5

Matrix: Water

Analysis Batch: 392771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.60		mg/L		96	90 - 110
Fluoride	10.0	10.0		mg/L		100	90 - 110
Sulfate	10.0	9.98		mg/L		100	90 - 110

Lab Sample ID: LCSD 400-392771/6

Matrix: Water

Analysis Batch: 392771

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.61		mg/L		96	90 - 110	0	15
Fluoride	10.0	10.0		mg/L		100	90 - 110	0	15
Sulfate	10.0	9.99		mg/L		100	90 - 110	0	15

Lab Sample ID: 400-151170-A-12 MS

Matrix: Water

Analysis Batch: 392771

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3.6		10.0	13.2		mg/L		96	80 - 120
Fluoride	<0.082		10.0	10.0		mg/L		100	80 - 120
Sulfate	12		10.0	21.6		mg/L		101	80 - 120

Lab Sample ID: 400-151170-A-12 MSD

Matrix: Water

Analysis Batch: 392771

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3.6		10.0	13.3		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	9.96		mg/L		100	80 - 120	0	20
Sulfate	12		10.0	21.6		mg/L		101	80 - 120	0	20

Lab Sample ID: MB 400-392922/36

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 18:17	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 18:17	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 18:17	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-392922/37

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.45		mg/L		94	90 - 110
Fluoride	10.0	9.83		mg/L		98	90 - 110
Sulfate	10.0	9.84		mg/L		98	90 - 110

Lab Sample ID: LCSD 400-392922/38

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.37		mg/L		94	90 - 110	1	15
Fluoride	10.0	9.83		mg/L		98	90 - 110	0	15
Sulfate	10.0	9.87		mg/L		99	90 - 110	0	15

Lab Sample ID: 400-151220-8 MS

Matrix: Water

Analysis Batch: 392922

Client Sample ID: GWA-48

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120
Fluoride	<0.082		10.0	9.93		mg/L		99	80 - 120
Sulfate	1.3		10.0	11.6		mg/L		103	80 - 120

Lab Sample ID: 400-151220-8 MSD

Matrix: Water

Analysis Batch: 392922

Client Sample ID: GWA-48

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	10.0		mg/L		100	80 - 120	1	20
Sulfate	1.3		10.0	11.7		mg/L		104	80 - 120	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-391845/1-A ^5

Matrix: Water

Analysis Batch: 391973

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 22:24	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 22:24	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 22:24	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:24	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 22:24	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 22:24	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 22:24	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 22:24	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 22:24	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:24	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 22:24	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 400-391845/1-A ^5

Matrix: Water

Analysis Batch: 391973

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 22:24	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 22:24	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 22:24	5
Calcium	<0.13		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 22:24	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 22:24	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 22:24	5

Lab Sample ID: LCS 400-391845/2-A

Matrix: Water

Analysis Batch: 391973

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.0500	0.0484		mg/L		97	80 - 120
Barium	0.0500	0.0499		mg/L		100	80 - 120
Beryllium	0.0500	0.0503		mg/L		101	80 - 120
Chromium	0.0500	0.0498		mg/L		100	80 - 120
Cobalt	0.0500	0.0490		mg/L		98	80 - 120
Lead	0.0500	0.0509		mg/L		102	80 - 120
Selenium	0.0500	0.0486		mg/L		97	80 - 120
Thallium	0.0100	0.0101		mg/L		101	80 - 120
Cadmium	0.0500	0.0495		mg/L		99	80 - 120
Nickel	0.0500	0.0518		mg/L		104	80 - 120
Vanadium	0.0500	0.0500		mg/L		100	80 - 120
Silver	0.0500	0.0498		mg/L		100	80 - 120
Copper	0.0500	0.0484		mg/L		97	80 - 120
Calcium	5.00	5.31		mg/L		106	80 - 120
Zinc	0.0500	0.0503		mg/L		101	80 - 120
Boron	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: 400-151322-G-1-B MS ^5

Matrix: Water

Analysis Batch: 391973

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0541		mg/L		108	75 - 125
Arsenic	<0.00046		0.0500	0.0494		mg/L		99	75 - 125
Barium	0.063		0.0500	0.113		mg/L		100	75 - 125
Beryllium	<0.00034		0.0500	0.0498		mg/L		100	75 - 125
Chromium	<0.0011		0.0500	0.0507		mg/L		101	75 - 125
Cobalt	<0.00040		0.0500	0.0491		mg/L		98	75 - 125
Lead	<0.00035		0.0500	0.0513		mg/L		103	75 - 125
Selenium	0.0012	J	0.0500	0.0515		mg/L		101	75 - 125
Thallium	0.00028	J	0.0100	0.0106		mg/L		103	75 - 125
Cadmium	<0.00034		0.0500	0.0499		mg/L		100	75 - 125
Nickel	<0.0018		0.0500	0.0541		mg/L		108	75 - 125
Vanadium	0.0033		0.0500	0.0532		mg/L		100	75 - 125
Silver	<0.00011		0.0500	0.0500		mg/L		100	75 - 125
Copper	0.0037		0.0500	0.0518		mg/L		96	75 - 125

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151322-G-1-B MS ^5

Matrix: Water

Analysis Batch: 391973

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	24		5.00	28.6	4	mg/L		101	75 - 125
Zinc	0.0077	J	0.0500	0.0566		mg/L		98	75 - 125
Boron	0.39		0.100	0.505		mg/L		115	75 - 125

Lab Sample ID: 400-151322-G-1-C MSD ^5

Matrix: Water

Analysis Batch: 391973

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	<0.0010		0.0500	0.0519		mg/L		104	75 - 125	4	20
Arsenic	<0.00046		0.0500	0.0500		mg/L		100	75 - 125	1	20
Barium	0.063		0.0500	0.112		mg/L		99	75 - 125	1	20
Beryllium	<0.00034		0.0500	0.0500		mg/L		100	75 - 125	0	20
Chromium	<0.0011		0.0500	0.0509		mg/L		102	75 - 125	0	20
Cobalt	<0.00040		0.0500	0.0496		mg/L		99	75 - 125	1	20
Lead	<0.00035		0.0500	0.0521		mg/L		104	75 - 125	2	20
Selenium	0.0012	J	0.0500	0.0496		mg/L		97	75 - 125	4	20
Thallium	0.00028	J	0.0100	0.0104		mg/L		101	75 - 125	2	20
Cadmium	<0.00034		0.0500	0.0504		mg/L		101	75 - 125	1	20
Nickel	<0.0018		0.0500	0.0545		mg/L		109	75 - 125	1	20
Vanadium	0.0033		0.0500	0.0532		mg/L		100	75 - 125	0	20
Silver	<0.00011		0.0500	0.0505		mg/L		101	75 - 125	1	20
Copper	0.0037		0.0500	0.0520		mg/L		97	75 - 125	0	20
Calcium	24		5.00	28.9	4	mg/L		108	75 - 125	1	20
Zinc	0.0077	J	0.0500	0.0570		mg/L		99	75 - 125	1	20
Boron	0.39		0.100	0.503		mg/L		114	75 - 125	0	20

Lab Sample ID: MB 400-392993/1-A ^5

Matrix: Water

Analysis Batch: 393373

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 392993

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 03:18	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 03:18	5
Barium	<0.00049		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 03:18	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 03:18	5
Chromium	<0.0011		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 03:18	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 03:18	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 03:18	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 03:18	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 03:18	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 03:18	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 03:18	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 03:18	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 03:18	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 03:18	5
Calcium	<0.13		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 03:18	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 03:18	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 03:18	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Lab Sample ID: LCS 400-392993/2-A
Matrix: Water
Analysis Batch: 393442

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 392993

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0507		mg/L		101	80 - 120
Arsenic	0.0500	0.0513		mg/L		103	80 - 120
Barium	0.0500	0.0498		mg/L		100	80 - 120
Beryllium	0.0500	0.0506		mg/L		101	80 - 120
Chromium	0.0500	0.0531		mg/L		106	80 - 120
Cobalt	0.0500	0.0538		mg/L		108	80 - 120
Lead	0.0500	0.0513		mg/L		103	80 - 120
Selenium	0.0500	0.0506		mg/L		101	80 - 120
Thallium	0.0100	0.0103		mg/L		103	80 - 120
Cadmium	0.0500	0.0516		mg/L		103	80 - 120
Nickel	0.0500	0.0517		mg/L		103	80 - 120
Vanadium	0.0500	0.0539		mg/L		108	80 - 120
Silver	0.0500	0.0497		mg/L		99	80 - 120
Copper	0.0500	0.0522		mg/L		104	80 - 120
Calcium	5.00	5.28		mg/L		106	80 - 120
Zinc	0.0500	0.0522		mg/L		104	80 - 120
Boron	0.100	0.100		mg/L		100	80 - 120

Lab Sample ID: 400-151541-C-5-B MS ^5
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 392993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0551		mg/L		110	75 - 125
Arsenic	0.0017	^ F1	0.0500	0.0647	F1 ^	mg/L		126	75 - 125
Barium	0.043		0.0500	0.0918		mg/L		99	75 - 125
Beryllium	<0.00034	^	0.0500	0.0575	^	mg/L		115	75 - 125
Chromium	0.0050		0.0500	0.0441		mg/L		78	75 - 125
Cobalt	<0.00040		0.0500	0.0462		mg/L		92	75 - 125
Lead	<0.00035		0.0500	0.0515		mg/L		103	75 - 125
Selenium	<0.00024		0.0500	0.0497		mg/L		99	75 - 125
Thallium	<0.000085		0.0100	0.00950		mg/L		95	75 - 125
Cadmium	<0.00034		0.0500	0.0496		mg/L		99	75 - 125
Nickel	<0.0018		0.0500	0.0453		mg/L		91	75 - 125
Vanadium	<0.0014		0.0500	0.0450		mg/L		90	75 - 125
Silver	<0.00011		0.0500	0.0451		mg/L		90	75 - 125
Copper	<0.0021		0.0500	0.0461		mg/L		92	75 - 125
Calcium	16 F1		5.00	19.4 F1		mg/L		62	75 - 125
Zinc	<0.0065		0.0500	0.0504		mg/L		101	75 - 125
Boron	0.23 ^ F1		0.100	0.353 F1 ^		mg/L		127	75 - 125

Lab Sample ID: 400-151541-C-5-C MSD ^5
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 392993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	<0.0010		0.0500	0.0546		mg/L		109	75 - 125	1	20
Arsenic	0.0017	^ F1	0.0500	0.0640	^	mg/L		125	75 - 125	1	20
Barium	0.043		0.0500	0.0932		mg/L		101	75 - 125	1	20
Beryllium	<0.00034	^	0.0500	0.0567	^	mg/L		113	75 - 125	1	20
Chromium	0.0050		0.0500	0.0443		mg/L		79	75 - 125	1	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151541-C-5-C MSD ^5

Matrix: Water

Analysis Batch: 393373

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 392993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	<0.00040		0.0500	0.0459		mg/L		92	75 - 125	1	20
Lead	<0.00035		0.0500	0.0510		mg/L		102	75 - 125	1	20
Selenium	<0.00024		0.0500	0.0470		mg/L		94	75 - 125	6	20
Thallium	<0.000085		0.0100	0.00948		mg/L		95	75 - 125	0	20
Cadmium	<0.00034		0.0500	0.0519		mg/L		104	75 - 125	5	20
Nickel	<0.0018		0.0500	0.0479		mg/L		96	75 - 125	6	20
Vanadium	<0.0014		0.0500	0.0447		mg/L		89	75 - 125	1	20
Silver	<0.00011		0.0500	0.0445		mg/L		89	75 - 125	1	20
Copper	<0.0021		0.0500	0.0452		mg/L		90	75 - 125	2	20
Calcium	16	F1	5.00	19.3	F1	mg/L		61	75 - 125	0	20
Zinc	<0.0065		0.0500	0.0494		mg/L		99	75 - 125	2	20
Boron	0.23	^ F1	0.100	0.351	^	mg/L		125	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-393340/14-A

Matrix: Water

Analysis Batch: 393601

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 393340

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000728	J	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:27	1

Lab Sample ID: LCS 400-393340/15-A

Matrix: Water

Analysis Batch: 393601

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 393340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00102		mg/L		101	80 - 120

Lab Sample ID: 400-151220-1 MS

Matrix: Water

Analysis Batch: 393601

Client Sample ID: GWA-47

Prep Type: Total/NA

Prep Batch: 393340

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000070		0.00201	0.00199		mg/L		99	80 - 120

Lab Sample ID: 400-151220-1 MSD

Matrix: Water

Analysis Batch: 393601

Client Sample ID: GWA-47

Prep Type: Total/NA

Prep Batch: 393340

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.000070		0.00201	0.00195		mg/L		97	80 - 120	2	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-391438/1
Matrix: Water
Analysis Batch: 391438

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L	-		03/26/18 12:25	1

Lab Sample ID: LCS 400-391438/2
Matrix: Water
Analysis Batch: 391438

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	246		mg/L	-	84	78 - 122

Lab Sample ID: 400-151189-B-1 DU
Matrix: Water
Analysis Batch: 391438

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	<3.4		<3.4		mg/L	-	NC	5

Lab Sample ID: 400-151191-B-1 DU
Matrix: Water
Analysis Batch: 391438

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	46		46.0		mg/L	-	0	5

Lab Sample ID: MB 400-391575/1
Matrix: Water
Analysis Batch: 391575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L	-		03/27/18 13:11	1

Lab Sample ID: LCS 400-391575/2
Matrix: Water
Analysis Batch: 391575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	280		mg/L	-	96	78 - 122

Lab Sample ID: 400-151170-A-23 DU
Matrix: Water
Analysis Batch: 391575

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	76		76.0		mg/L	-	0	5

Lab Sample ID: 400-151170-A-26 DU
Matrix: Water
Analysis Batch: 391575

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	220		220		mg/L	-	0	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Lab Sample ID: MB 400-391992/1
Matrix: Water
Analysis Batch: 391992

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L	-		03/29/18 13:49	1

Lab Sample ID: LCS 400-391992/2
Matrix: Water
Analysis Batch: 391992

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	262		mg/L	-	89	78 - 122

Lab Sample ID: 400-151220-14 DU
Matrix: Water
Analysis Batch: 391992

Client Sample ID: GWC-52
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	98		98.0		mg/L	-	0	5

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631-Atlanta

Chain of Custody Record



Client Information		Sampler: Ben Hodges Phone: 912-288-7457 Company: Southern Company		Lab PM: Whitire, Cheyenne R E-Mail: cheyenne.whitire@testamericainc.com		Carrier Tracking Note: COC No: 400-86589-27833.6 Page: 1 of 1 Job #:	
Address: 241 Ralph McGill Blvd SE B10185 City: Atlanta State, Zip: GA, 30308 Phone:		Date Date Requested: TAT Requested (day): PO #: SCS10347668 WO #:		Project Name: CCR - Plant Scherer App III Project #: 40006128 SSOW#:		Analysis is Requested State 6829 - As B ₂ , B ₃ , B ₄ , B ₅ , B ₆ , B ₇ , B ₈ , B ₉ , B ₁₀ , B ₁₁ , B ₁₂ , B ₁₃ , B ₁₄ , B ₁₅ , B ₁₆ , B ₁₇ , B ₁₈ , B ₁₉ , B ₂₀ , B ₂₁ , B ₂₂ , B ₂₃ , B ₂₄ , B ₂₅ , B ₂₆ , B ₂₇ , B ₂₈ , B ₂₉ , B ₃₀ , B ₃₁ , B ₃₂ , B ₃₃ , B ₃₄ , B ₃₅ , B ₃₆ , B ₃₇ , B ₃₈ , B ₃₉ , B ₄₀ , B ₄₁ , B ₄₂ , B ₄₃ , B ₄₄ , B ₄₅ , B ₄₆ , B ₄₇ , B ₄₈ , B ₄₉ , B ₅₀ , B ₅₁ , B ₅₂ , B ₅₃ , B ₅₄ , B ₅₅ , B ₅₆ , B ₅₇ , B ₅₈ , B ₅₉ , B ₆₀ , B ₆₁ , B ₆₂ , B ₆₃ , B ₆₄ , B ₆₅ , B ₆₆ , B ₆₇ , B ₆₈ , B ₆₉ , B ₇₀ , B ₇₁ , B ₇₂ , B ₇₃ , B ₇₄ , B ₇₅ , B ₇₆ , B ₇₇ , B ₇₈ , B ₇₉ , B ₈₀ , B ₈₁ , B ₈₂ , B ₈₃ , B ₈₄ , B ₈₅ , B ₈₆ , B ₈₇ , B ₈₈ , B ₈₉ , B ₉₀ , B ₉₁ , B ₉₂ , B ₉₃ , B ₉₄ , B ₉₅ , B ₉₆ , B ₉₇ , B ₉₈ , B ₉₉ , B ₁₀₀ , B ₁₀₁ , B ₁₀₂ , B ₁₀₃ , B ₁₀₄ , B ₁₀₅ , B ₁₀₆ , B ₁₀₇ , B ₁₀₈ , B ₁₀₉ , B ₁₁₀ , B ₁₁₁ , B ₁₁₂ , B ₁₁₃ , B ₁₁₄ , B ₁₁₅ , B ₁₁₆ , B ₁₁₇ , B ₁₁₈ , B ₁₁₉ , B ₁₂₀ , B ₁₂₁ , B ₁₂₂ , B ₁₂₃ , B ₁₂₄ , B ₁₂₅ , B ₁₂₆ , B ₁₂₇ , B ₁₂₈ , B ₁₂₉ , B ₁₃₀ , B ₁₃₁ , B ₁₃₂ , B ₁₃₃ , B ₁₃₄ , B ₁₃₅ , B ₁₃₆ , B ₁₃₇ , B ₁₃₈ , B ₁₃₉ , B ₁₄₀ , B ₁₄₁ , B ₁₄₂ , B ₁₄₃ , B ₁₄₄ , B ₁₄₅ , B ₁₄₆ , B ₁₄₇ , B ₁₄₈ , B ₁₄₉ , B ₁₅₀ , B ₁₅₁ , B ₁₅₂ , B ₁₅₃ , B ₁₅₄ , B ₁₅₅ , B ₁₅₆ , B ₁₅₇ , B ₁₅₈ , B ₁₅₉ , B ₁₆₀ , B ₁₆₁ , B ₁₆₂ , B ₁₆₃ , B ₁₆₄ , B ₁₆₅ , B ₁₆₆ , B ₁₆₇ , B ₁₆₈ , B ₁₆₉ , B ₁₇₀ , B ₁₇₁ , B ₁₇₂ , B ₁₇₃ , B ₁₇₄ , B ₁₇₅ , B ₁₇₆ , B ₁₇₇ , B ₁₇₈ , B ₁₇₉ , B ₁₈₀ , B ₁₈₁ , B ₁₈₂ , B ₁₈₃ , B ₁₈₄ , B ₁₈₅ , B ₁₈₆ , B ₁₈₇ , B ₁₈₈ , B ₁₈₉ , B ₁₉₀ , B ₁₉₁ , B ₁₉₂ , B ₁₉₃ , B ₁₉₄ , B ₁₉₅ , B ₁₉₆ , B ₁₉₇ , B ₁₉₈ , B ₁₉₉ , B ₂₀₀ , B ₂₀₁ , B ₂₀₂ , B ₂₀₃ , B ₂₀₄ , B ₂₀₅ , B ₂₀₆ , B ₂₀₇ , B ₂₀₈ , B ₂₀₉ , B ₂₁₀ , B ₂₁₁ , B ₂₁₂ , B ₂₁₃ , B ₂₁₄ , B ₂₁₅ , B ₂₁₆ , B ₂₁₇ , B ₂₁₈ , B ₂₁₉ , B ₂₂₀ , B ₂₂₁ , B ₂₂₂ , B ₂₂₃ , B ₂₂₄ , B ₂₂₅ , B ₂₂₆ , B ₂₂₇ , B ₂₂₈ , B ₂₂₉ , B ₂₃₀ , B ₂₃₁ , B ₂₃₂ , B ₂₃₃ , B ₂₃₄ , B ₂₃₅ , B ₂₃₆ , B ₂₃₇ , B ₂₃₈ , B ₂₃₉ , B ₂₄₀ , B ₂₄₁ , B ₂₄₂ , B ₂₄₃ , B ₂₄₄ , B ₂₄₅ , B ₂₄₆ , B ₂₄₇ , B ₂₄₈ , B ₂₄₉ , B ₂₅₀ , B ₂₅₁ , B ₂₅₂ , B ₂₅₃ , B ₂₅₄ , B ₂₅₅ , B ₂₅₆ , B ₂₅₇ , B ₂₅₈ , B ₂₅₉ , B ₂₆₀ , B ₂₆₁ , B ₂₆₂ , B ₂₆₃ , B ₂₆₄ , B ₂₆₅ , B ₂₆₆ , B ₂₆₇ , B ₂₆₈ , B ₂₆₉ , B ₂₇₀ , B ₂₇₁ , B ₂₇₂ , B ₂₇₃ , B ₂₇₄ , B ₂₇₅ , B ₂₇₆ , B ₂₇₇ , B ₂₇₈ , B ₂₇₉ , B ₂₈₀ , B ₂₈₁ , B ₂₈₂ , B ₂₈₃ , B ₂₈₄ , B ₂₈₅ , B ₂₈₆ , B ₂₈₇ , B ₂₈₈ , B ₂₈₉ , B ₂₉₀ , B ₂₉₁ , B ₂₉₂ , B ₂₉₃ , B ₂₉₄ , B ₂₉₅ , B ₂₉₆ , B ₂₉₇ , B ₂₉₈ , B ₂₉₉ , B ₃₀₀ , B ₃₀₁ , B ₃₀₂ , B ₃₀₃ , B ₃₀₄ , B ₃₀₅ , B ₃₀₆ , B ₃₀₇ , B ₃₀₈ , B ₃₀₉ , B ₃₁₀ , B ₃₁₁ , B ₃₁₂ , B ₃₁₃ , B ₃₁₄ , B ₃₁₅ , B ₃₁₆ , B ₃₁₇ , B ₃₁₈ , B ₃₁₉ , B ₃₂₀ , B ₃₂₁ , B ₃₂₂ , B ₃₂₃ , B ₃₂₄ , B ₃₂₅ , B ₃₂₆ , B ₃₂₇ , B ₃₂₈ , B ₃₂₉ , B ₃₃₀ , B ₃₃₁ , B ₃₃₂ , B ₃₃₃ , B ₃₃₄ , B ₃₃₅ , B ₃₃₆ , B ₃₃₇ , B ₃₃₈ , B ₃₃₉ , B ₃₄₀ , B ₃₄₁ , B ₃₄₂ , B ₃₄₃ , B ₃₄₄ , B ₃₄₅ , B ₃₄₆ , B ₃₄₇ , B ₃₄₈ , B ₃₄₉ , B ₃₅₀ , B ₃₅₁ , B ₃₅₂ , B ₃₅₃ , B ₃₅₄ , B ₃₅₅ , B ₃₅₆ , B ₃₅₇ , B ₃₅₈ , B ₃₅₉ , B ₃₆₀ , B ₃₆₁ , B ₃₆₂ , B ₃₆₃ , B ₃₆₄ , B ₃₆₅ , B ₃₆₆ , B ₃₆₇ , B ₃₆₈ , B ₃₆₉ , B ₃₇₀ , B ₃₇₁ , B ₃₇₂ , B ₃₇₃ , B ₃₇₄ , B ₃₇₅ , B ₃₇₆ , B ₃₇₇ , B ₃₇₈ , B ₃₇₉ , B ₃₈₀ , B ₃₈₁ , B ₃₈₂ , B ₃₈₃ , B ₃₈₄ , B ₃₈₅ , B ₃₈₆ , B ₃₈₇ , B ₃₈₈ , B ₃₈₉ , B ₃₉₀ , B ₃₉₁ , B ₃₉₂ , B ₃₉₃ , B ₃₉₄ , B ₃₉₅ , B ₃₉₆ , B ₃₉₇ , B ₃₉₈ , B ₃₉₉ , B ₄₀₀ , B ₄₀₁ , B ₄₀₂ , B ₄₀₃ , B ₄₀₄ , B ₄₀₅ , B ₄₀₆ , B ₄₀₇ , B ₄₀₈ , B ₄₀₉ , B ₄₁₀ , B ₄₁₁ , B ₄₁₂ , B ₄₁₃ , B ₄₁₄ , B ₄₁₅ , B ₄₁₆ , B ₄₁₇ , B ₄₁₈ , B ₄₁₉ , B ₄₂₀ , B ₄₂₁ , B ₄₂₂ , B ₄₂₃ , B ₄₂₄ , B ₄₂₅ , B ₄₂₆ , B ₄₂₇ , B ₄₂₈ , B ₄₂₉ , B ₄₃₀ , B ₄₃₁ , B ₄₃₂ , B ₄₃₃ , B ₄₃₄ , B ₄₃₅ , B ₄₃₆ , B ₄₃₇ , B ₄₃₈ , B ₄₃₉ , B ₄₄₀ , B ₄₄₁ , B ₄₄₂ , B ₄₄₃ , B ₄₄₄ , B ₄₄₅ , B ₄₄₆ , B ₄₄₇ , B ₄₄₈ , B ₄₄₉ , B ₄₅₀ , B ₄₅₁ , B ₄₅₂ , B ₄₅₃ , B ₄₅₄ , B ₄₅₅ , B ₄₅₆ , B ₄₅₇ , B ₄₅₈ , B ₄₅₉ , B ₄₆₀ , B ₄₆₁ , B ₄₆₂ , B ₄₆₃ , B ₄₆₄ , B ₄₆₅ , B ₄₆₆ , B ₄₆₇ , B ₄₆₈ , B ₄₆₉ , B ₄₇₀ , B ₄₇₁ , B ₄₇₂ , B ₄₇₃ , B ₄₇₄ , B ₄₇₅ , B ₄₇₆ , B ₄₇₇ , B ₄₇₈ , B ₄₇₉ , B ₄₈₀ , B ₄₈₁ , B ₄₈₂ , B ₄₈₃ , B ₄₈₄ , B ₄₈₅ , B ₄₈₆ , B ₄₈₇ , B ₄₈₈ , B ₄₈₉ , B ₄₉₀ , B ₄₉₁ , B ₄₉₂ , B ₄₉₃ , B ₄₉₄ , B ₄₉₅ , B ₄₉₆ , B ₄₉₇ , B ₄₉₈ , B ₄₉₉ , B ₅₀₀ , B ₅₀₁ , B ₅₀₂ , B ₅₀₃ , B ₅₀₄ , B ₅₀₅ , B ₅₀₆ , B ₅₀₇ , B ₅₀₈ , B ₅₀₉ , B ₅₁₀ , B ₅₁₁ , B ₅₁₂ , B ₅₁₃ , B ₅₁₄ , B ₅₁₅ , B ₅₁₆ , B ₅₁₇ , B ₅₁₈ , B ₅₁₉ , B ₅₂₀ , B ₅₂₁ , B ₅₂₂ , B ₅₂₃ , B ₅₂₄ , B ₅₂₅ , B ₅₂₆ , B ₅₂₇ , B ₅₂₈ , B ₅₂₉ , B ₅₃₀ , B ₅₃₁ , B ₅₃₂ , B ₅₃₃ , B ₅₃₄ , B ₅₃₅ , B ₅₃₆ , B ₅₃₇ , B ₅₃₈ , B ₅₃₉ , B ₅₄₀ , B ₅₄₁ , B ₅₄₂ , B ₅₄₃ , B ₅₄₄ , B ₅₄₅ , B ₅₄₆ , B ₅₄₇ , B ₅₄₈ , B ₅₄₉ , B ₅₅₀ , B ₅₅₁ , B ₅₅₂ , B ₅₅₃ , B ₅₅₄ , B ₅₅₅ , B ₅₅₆ , B ₅₅₇ , B ₅₅₈ , B ₅₅₉ , B ₅₆₀ , B ₅₆₁ , B ₅₆₂ , B ₅₆₃ , B ₅₆₄ , B ₅₆₅ , B ₅₆₆ , B ₅₆₇ , B ₅₆₈ , B ₅₆₉ , B ₅₇₀ , B ₅₇₁ , B ₅₇₂ , B ₅₇₃ , B ₅₇₄ , B ₅₇₅ , B ₅₇₆ , B ₅₇₇ , B ₅₇₈ , B ₅₇₉ , B ₅₈₀ , B ₅₈₁ , B ₅₈₂ , B ₅₈₃ , B ₅₈₄ , B ₅₈₅ , B ₅₈₆ , B ₅₈₇ , B ₅₈₈ , B ₅₈₉ , B ₅₉₀ , B ₅₉₁ , B ₅₉₂ , B ₅₉₃ , B ₅₉₄ , B ₅₉₅ , B ₅₉₆ , B ₅₉₇ , B ₅₉₈ , B ₅₉₉ , B ₆₀₀ , B ₆₀₁ , B ₆₀₂ , B ₆₀₃ , B ₆₀₄ , B ₆₀₅ , B ₆₀₆ , B ₆₀₇ , B ₆₀₈ , B ₆₀₉ , B ₆₁₀ , B ₆₁₁ , B ₆₁₂ , B ₆₁₃ , B ₆₁₄ , B ₆₁₅ , B ₆₁₆ , B ₆₁₇ , B ₆₁₈ , B ₆₁₉ , B ₆₂₀ , B ₆₂₁ , B ₆₂₂ , B ₆₂₃ , B ₆₂₄ , B ₆₂₅ , B ₆₂₆ , B ₆₂₇ , B ₆₂₈ , B ₆₂₉ , B ₆₃₀ , B ₆₃₁ , B ₆₃₂ , B ₆₃₃ , B ₆₃₄ , B ₆₃₅ , B ₆₃₆ , B ₆₃₇ , B ₆₃₈ , B ₆₃₉ , B ₆₄₀ , B ₆₄₁ , B ₆₄₂ , B ₆₄₃ , B ₆₄₄ , B ₆₄₅ , B ₆₄₆ , B ₆₄₇ , B ₆₄₈ , B ₆₄₉ , B ₆₅₀ , B ₆₅₁ , B ₆₅₂ , B ₆₅₃ , B ₆₅₄ , B ₆₅₅ , B ₆₅₆ , B ₆₅₇ , B ₆₅₈ , B ₆₅₉ , B ₆₆₀ , B ₆₆₁ , B ₆₆₂ , B ₆₆₃ , B ₆₆₄ , B ₆₆₅ , B ₆₆₆ , B ₆₆₇ , B ₆₆₈ , B ₆₆₉ , B ₆₇₀ , B ₆₇₁ , B ₆₇₂ , B ₆₇₃ , B ₆₇₄ , B ₆₇₅ , B ₆₇₆ , B ₆₇₇ , B ₆₇₈ , B ₆₇₉ , B ₆₈₀ , B ₆₈₁ , B ₆₈₂ , B ₆₈₃ , B ₆₈₄ , B ₆₈₅ , B ₆₈₆ , B ₆₈₇ , B ₆₈₈ , B ₆₈₉ , B ₆₉₀ , B ₆₉₁ , B ₆₉₂ , B ₆₉₃ , B ₆₉₄ , B ₆₉₅ , B ₆₉₆ , B ₆₉₇ , B ₆₉₈ , B ₆₉₉ , B ₇₀₀ , B ₇₀₁ , B ₇₀₂ , B ₇₀₃ , B ₇₀₄ , B ₇₀₅ , B ₇₀₆ , B ₇₀₇ , B ₇₀₈ , B ₇₀₉ , B ₇₁₀ , B ₇₁₁ , B ₇₁₂ , B ₇₁₃ , B ₇₁₄ , B ₇₁₅ , B ₇₁₆ , B ₇₁₇ , B ₇₁₈ , B ₇₁₉ , B ₇₂₀ , B ₇₂₁ , B ₇₂₂ , B ₇₂₃ , B ₇₂₄ , B ₇₂₅ , B ₇₂₆ , B ₇₂₇ , B ₇₂₈ , B ₇₂₉ , B ₇₃₀ , B ₇₃₁ , B ₇₃₂ 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TestAmerica Pensacola

3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

TestAmerica

UNIT LEADER IN ENVIRONMENTAL TESTING

Client Information Client Contact: Ben Hodges Joju Abraham Southern Company Address: 241 Ralph McGill Blvd SE B10185 City: Atlanta State, Zip: GA, 30308 Phone: SCS10347856 Email: JAbraham@southernco.com Project Name: CCR - Plant Scherer App III Site: PAC Ash Landfill		Lab PM: Whitmore, Cheyenne R E-Mail: cheyenne.whitmore@testamericainc.com Carrier Tracking Note:		COC No: 400-56569-27833.6 Page: 1 of 1 Job #:	
Analysis Requested Due Date Requested: TAT Requested (days): PO #: SCS10347856 VIO #: Project #: 40008128 SSOW#:		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsHClO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 G - Anchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA L - EDA Z - other (specify) Other:			
Sample Identification Sample Date Sample Time Sample Type (C=comp, G=grab) Preservation Code: Matrix (W=water, S=solid, O=organic, S=surface, A=air) Sample Type (C=comp, G=grab) Preservation Code: Matrix (W=water, S=solid, O=organic, S=surface, A=air)		Total Number of containers Special Instructions/Note:			
GWA-46 GWA-48 GWC-50		State 6020 - As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn & 7470 - Hg 6020 - Boron & Calcium 2540C - Total Dissolved Solids, 300 ORP, 280F - fluoride Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No)			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months			
Empty Kit Relinquished by:		Method of Shipment:			
Relinquished by:		Date/Time: 3/23/18 16:10			
Relinquished by:		Date/Time: 3/23/18 16:10			
Relinquished by:		Date/Time: 3/24/18 8:17			
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 0.0°C 2.30°C 1R-7			

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-151220-1

SDG Number: PAC Ash Landfill

Login Number: 151220

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 2.3°C IR7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18 *
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-18
L-A-B	ISO/IEC 17025		L2471	02-22-20
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Pensacola

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-151322-1

TestAmerica Sample Delivery Group: Surface Waters

Client Project/Site: CCR - Plant Scherer

For:

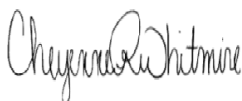
Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

4/13/2018 5:26:21 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Job ID: 400-151322-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-151322-1

HPLC/IC

Method(s) 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: SWA-1 (400-151322-1), SWA-2 (400-151322-2), SWA-3 (400-151322-3), SWC-7 (400-151322-4), SWC-4 (400-151322-5), SWC-5 (400-151322-6) and SWC-8 (400-151322-8). Elevated reporting limits (RLs) are provided.

Metals

Method(s) 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 391845 and analytical batch 391973 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 392489 and analytical batch 392873 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

General Chemistry

Method(s) SM 5220D: The matrix spike duplicate (MSD) recoveries for analytical batch 392336 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-1

Lab Sample ID: 400-151322-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.1		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.15	J	0.20	0.082	mg/L	1		300.0	Total/NA
Sulfate - DL	78		5.0	3.5	mg/L	5		300.0	Total/NA
Copper	0.0037		0.0025	0.0021	mg/L	5		6020	Total
Barium	0.063		0.0025	0.00049	mg/L	5		6020	Recoverable
Vanadium	0.0033		0.0025	0.0014	mg/L	5		6020	Total
Boron	0.39		0.050	0.021	mg/L	5		6020	Recoverable
Zinc	0.0077	J	0.020	0.0065	mg/L	5		6020	Total
Calcium	24		0.25	0.13	mg/L	5		6020	Recoverable
Selenium	0.0012	J	0.0013	0.00024	mg/L	5		6020	Total
Thallium	0.00028	J	0.00050	0.000085	mg/L	5		6020	Recoverable
Mercury	0.00011	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	210		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	7.7	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	20.0	HF			Degrees C	1		SM 4500 H+ B	Total/NA
Chemical Oxygen Demand	18	F1	10	6.4	mg/L	1		SM 5220D	Total/NA
Total Organic Carbon	3.3		1.0	0.50	mg/L	1		SM 5310B	Total/NA

Client Sample ID: SWA-2

Lab Sample ID: 400-151322-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	180		5.0	3.5	mg/L	5		300.0	Total/NA
Barium	0.068		0.0025	0.00049	mg/L	5		6020	Total
Boron	0.95		0.050	0.021	mg/L	5		6020	Recoverable
Calcium	34		0.25	0.13	mg/L	5		6020	Total
Cobalt	0.0064		0.0025	0.00040	mg/L	5		6020	Recoverable
Selenium	0.00048	J	0.0013	0.00024	mg/L	5		6020	Total
Mercury	0.000097	J	0.00020	0.000070	mg/L	1		7470A	Recoverable
Total Dissolved Solids	360		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	7.1	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	19.1	HF			Degrees C	1		SM 4500 H+ B	Total/NA
Chemical Oxygen Demand	10		10	6.4	mg/L	1		SM 5220D	Total/NA
Total Organic Carbon	1.3		1.0	0.50	mg/L	1		SM 5310B	Total/NA

Client Sample ID: SWA-3

Lab Sample ID: 400-151322-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	93		5.0	3.5	mg/L	5		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-3 (Continued)

Lab Sample ID: 400-151322-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.048		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Boron	0.56		0.050	0.021	mg/L	5			6020	Total Recoverable
Calcium	14		0.25	0.13	mg/L	5			6020	Total Recoverable
Cobalt	0.0052		0.0025	0.00040	mg/L	5			6020	Total Recoverable
Mercury	0.00010	J	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	210		5.0	3.4	mg/L	1			SM 2540C	Total/NA
pH	6.8	HF			SU	1			SM 4500 H+ B	Total/NA
Temperature	19.4	HF			Degrees C	1			SM 4500 H+ B	Total/NA
Chemical Oxygen Demand	12		10	6.4	mg/L	1			SM 5220D	Total/NA
Total Organic Carbon	0.88	J	1.0	0.50	mg/L	1			SM 5310B	Total/NA

Client Sample ID: SWC-7

Lab Sample ID: 400-151322-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	6.1		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate - DL	61		5.0	3.5	mg/L	5			300.0	Total/NA
Barium	0.058		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Vanadium	0.0022	J	0.0025	0.0014	mg/L	5			6020	Total Recoverable
Boron	0.35		0.050	0.021	mg/L	5			6020	Total Recoverable
Calcium	23		0.25	0.13	mg/L	5			6020	Total Recoverable
Cobalt	0.00092	J	0.0025	0.00040	mg/L	5			6020	Total Recoverable
Mercury	0.00010	J	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	290		5.0	3.4	mg/L	1			SM 2540C	Total/NA
pH	7.6	HF			SU	1			SM 4500 H+ B	Total/NA
Temperature	20.0	HF			Degrees C	1			SM 4500 H+ B	Total/NA
Chemical Oxygen Demand	8.0	J	10	6.4	mg/L	1			SM 5220D	Total/NA
Total Organic Carbon	1.7		1.0	0.50	mg/L	1			SM 5310B	Total/NA

Client Sample ID: SWC-4

Lab Sample ID: 400-151322-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	6.8		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate - DL	80		5.0	3.5	mg/L	5			300.0	Total/NA
Barium	0.053		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Vanadium	0.0017	J	0.0025	0.0014	mg/L	5			6020	Total Recoverable
Boron	0.47		0.050	0.021	mg/L	5			6020	Total Recoverable
Calcium	19		0.25	0.13	mg/L	5			6020	Total Recoverable
Cobalt	0.0025		0.0025	0.00040	mg/L	5			6020	Total Recoverable
Mercury	0.00010	J	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	210		5.0	3.4	mg/L	1			SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-4 (Continued)

Lab Sample ID: 400-151322-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	7.4	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	19.7	HF			Degrees C	1		SM 4500 H+ B	Total/NA

Client Sample ID: SWC-5

Lab Sample ID: 400-151322-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.21		0.20	0.082	mg/L	1		300.0	Total/NA
Sulfate - DL	53		5.0	3.5	mg/L	5		300.0	Total/NA
Barium	0.040		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0038		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Boron	0.072		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	37		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0030		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.0026		0.0013	0.00024	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	230		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	7.1	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	19.3	HF			Degrees C	1		SM 4500 H+ B	Total/NA

Client Sample ID: SWC-6

Lab Sample ID: 400-151322-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.7		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.1		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.025		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0026		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	11		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0014	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Cobalt	0.0027		0.0025	0.00040	mg/L	5		6020	Total Recoverable
Selenium	0.00032	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	100		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	7.4	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	19.2	HF			Degrees C	1		SM 4500 H+ B	Total/NA

Client Sample ID: SWC-8

Lab Sample ID: 400-151322-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.5		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	100		5.0	3.5	mg/L	5		300.0	Total/NA
Barium	0.060		0.0025	0.00049	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-8 (Continued)

Lab Sample ID: 400-151322-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.67		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	24		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0050		0.0025	0.00040	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	250		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	7.0	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	19.2	HF			Degrees C	1		SM 4500 H+ B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
SM 4500 CN E	Cyanide, Total	SM	TAL PEN
SM 4500 H+ B	pH	SM	TAL PEN
SM 5220D	COD	SM	TAL PEN
SM 5310B	Organic Carbon, Total (TOC)	SM	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-151322-1	SWA-1	Water	03/23/18 10:45	03/24/18 08:17
400-151322-2	SWA-2	Water	03/23/18 12:45	03/24/18 08:17
400-151322-3	SWA-3	Water	03/23/18 12:30	03/24/18 08:17
400-151322-4	SWC-7	Water	03/23/18 11:35	03/24/18 08:17
400-151322-5	SWC-4	Water	03/23/18 11:05	03/24/18 08:17
400-151322-6	SWC-5	Water	03/23/18 11:20	03/24/18 08:17
400-151322-7	SWC-6	Water	03/23/18 11:45	03/24/18 08:17
400-151322-8	SWC-8	Water	03/23/18 12:15	03/24/18 08:17

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-1

Date Collected: 03/23/18 10:45

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-1

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.1		1.0	0.89	mg/L			04/06/18 01:55	1
Fluoride	0.15	J	0.20	0.082	mg/L			04/06/18 01:55	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	78		5.0	3.5	mg/L			04/06/18 22:50	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 22:59	5
Copper	0.0037		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 22:59	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 22:59	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 22:59	5
Barium	0.063		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 22:59	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 22:59	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:59	5
Vanadium	0.0033		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 22:59	5
Boron	0.39		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 22:59	5
Zinc	0.0077	J	0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 22:59	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:59	5
Calcium	24		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 22:59	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 22:59	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 22:59	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 22:59	5
Selenium	0.0012	J	0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 22:59	5
Thallium	0.00028	J	0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 22:59	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00011	J	0.00020	0.000070	mg/L		04/03/18 14:35	04/05/18 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	210		5.0	3.4	mg/L			03/27/18 12:35	1
Cyanide, Total	<0.0050		0.0050	0.0050	mg/L		03/26/18 10:48	03/26/18 13:04	1
pH	7.7	HF			SU			03/27/18 16:05	1
Temperature	20.0	HF			Degrees C			03/27/18 16:05	1
Chemical Oxygen Demand	18	F1	10	6.4	mg/L			04/02/18 11:49	1
Total Organic Carbon	3.3		1.0	0.50	mg/L			03/27/18 01:38	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-2
Date Collected: 03/23/18 12:45
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-2
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.1		1.0	0.89	mg/L			04/06/18 02:18	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 02:18	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	180		5.0	3.5	mg/L			04/06/18 23:13	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 23:22	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 23:22	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 23:22	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 23:22	5
Barium	0.068		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 23:22	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 23:22	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:22	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 23:22	5
Boron	0.95		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 23:22	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 23:22	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:22	5
Calcium	34		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 23:22	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 23:22	5
Cobalt	0.0064		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 23:22	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 23:22	5
Selenium	0.00048	J	0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 23:22	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 23:22	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000097	J	0.00020	0.000070	mg/L		04/03/18 14:35	04/05/18 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	360		5.0	3.4	mg/L			03/27/18 12:35	1
Cyanide, Total	<0.0050		0.0050	0.0050	mg/L		03/26/18 10:48	03/26/18 13:04	1
pH	7.1	HF			SU			03/27/18 16:15	1
Temperature	19.1	HF			Degrees C			03/27/18 16:15	1
Chemical Oxygen Demand	10		10	6.4	mg/L			04/02/18 11:49	1
Total Organic Carbon	1.3		1.0	0.50	mg/L			03/27/18 01:48	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-3
Date Collected: 03/23/18 12:30
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-3
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.89	mg/L			04/06/18 03:26	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 03:26	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	93		5.0	3.5	mg/L			04/07/18 00:22	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 23:26	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 23:26	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 23:26	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 23:26	5
Barium	0.048		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 23:26	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 23:26	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:26	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 23:26	5
Boron	0.56		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 23:26	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 23:26	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:26	5
Calcium	14		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 23:26	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 23:26	5
Cobalt	0.0052		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 23:26	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 23:26	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 23:26	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 23:26	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00010	J	0.00020	0.000070	mg/L		04/03/18 14:35	04/05/18 15:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	210		5.0	3.4	mg/L			03/27/18 12:35	1
Cyanide, Total	<0.0050		0.0050	0.0050	mg/L		03/26/18 10:48	03/26/18 13:05	1
pH	6.8	HF			SU			03/27/18 16:25	1
Temperature	19.4	HF			Degrees C			03/27/18 16:25	1
Chemical Oxygen Demand	12		10	6.4	mg/L			04/02/18 11:49	1
Total Organic Carbon	0.88	J	1.0	0.50	mg/L			03/27/18 02:00	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-7

Date Collected: 03/23/18 11:35

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-4

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.1		1.0	0.89	mg/L			04/06/18 03:49	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 03:49	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	61		5.0	3.5	mg/L			04/07/18 00:45	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 23:31	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 23:31	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 23:31	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 23:31	5
Barium	0.058		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 23:31	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 23:31	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:31	5
Vanadium	0.0022	J	0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 23:31	5
Boron	0.35		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 23:31	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 23:31	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:31	5
Calcium	23		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 23:31	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 23:31	5
Cobalt	0.00092	J	0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 23:31	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 23:31	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 23:31	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 23:31	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00010	J	0.00020	0.000070	mg/L		04/03/18 14:35	04/05/18 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	290		5.0	3.4	mg/L			03/27/18 12:35	1
Cyanide, Total	<0.0050		0.0050	0.0050	mg/L		03/26/18 10:48	03/26/18 13:05	1
pH	7.6	HF			SU			03/27/18 16:03	1
Temperature	20.0	HF			Degrees C			03/27/18 16:03	1
Chemical Oxygen Demand	8.0	J	10	6.4	mg/L			04/02/18 11:49	1
Total Organic Carbon	1.7		1.0	0.50	mg/L			03/27/18 02:12	1

TestAmerica Pensacola

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-4

Date Collected: 03/23/18 11:05

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-5

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.8		1.0	0.89	mg/L			04/06/18 04:12	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 04:12	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	80		5.0	3.5	mg/L			04/07/18 01:08	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 23:35	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 23:35	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 23:35	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 23:35	5
Barium	0.053		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 23:35	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 23:35	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:35	5
Vanadium	0.0017	J	0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 23:35	5
Boron	0.47		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 23:35	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 23:35	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:35	5
Calcium	19		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 23:35	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 23:35	5
Cobalt	0.0025		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 23:35	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 23:35	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 23:35	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 23:35	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00010	J	0.00020	0.000070	mg/L		04/03/18 14:35	04/05/18 15:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	210		5.0	3.4	mg/L			03/27/18 13:42	1
pH	7.4	HF			SU			03/27/18 16:01	1
Temperature	19.7	HF			Degrees C			03/27/18 16:01	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-5

Date Collected: 03/23/18 11:20

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-6

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.89	mg/L			04/06/18 04:35	1
Fluoride	0.21		0.20	0.082	mg/L			04/06/18 04:35	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	53		5.0	3.5	mg/L			04/07/18 01:30	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 23:40	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 23:40	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 23:40	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 23:40	5
Barium	0.040		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 23:40	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 23:40	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:40	5
Vanadium	0.0038		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 23:40	5
Boron	0.072		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 23:40	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 23:40	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:40	5
Calcium	37		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 23:40	5
Chromium	0.0030		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 23:40	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 23:40	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 23:40	5
Selenium	0.0026		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 23:40	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 23:40	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/11/18 17:19	04/13/18 09:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	230		5.0	3.4	mg/L			03/27/18 13:42	1
pH	7.1	HF			SU			03/27/18 16:13	1
Temperature	19.3	HF			Degrees C			03/27/18 16:13	1

TestAmerica Pensacola

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-6

Date Collected: 03/23/18 11:45

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-7

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.89	mg/L			04/06/18 04:58	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 04:58	1
Sulfate	1.1		1.0	0.70	mg/L			04/06/18 04:58	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:07	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:07	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:07	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:07	5
Barium	0.025		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:07	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:07	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:07	5
Vanadium	0.0026		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:07	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:07	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:07	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:07	5
Calcium	11		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:07	5
Chromium	0.0014	J	0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:07	5
Cobalt	0.0027		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:07	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:07	5
Selenium	0.00032	J	0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:07	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:07	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/11/18 17:19	04/13/18 09:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			03/27/18 13:42	1
pH	7.4	HF			SU			03/27/18 16:17	1
Temperature	19.2	HF			Degrees C			03/27/18 16:17	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-8

Date Collected: 03/23/18 12:15

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-8

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.5		1.0	0.89	mg/L			04/06/18 05:21	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 05:21	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	100		5.0	3.5	mg/L			04/07/18 01:53	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:11	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:11	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:11	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:11	5
Barium	0.060		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:11	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:11	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:11	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:11	5
Boron	0.67		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:11	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:11	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:11	5
Calcium	24		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:11	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:11	5
Cobalt	0.0050		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:11	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:11	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:11	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:11	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/11/18 17:19	04/13/18 09:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	250		5.0	3.4	mg/L			03/27/18 13:42	1
pH	7.0	HF			SU			03/27/18 16:21	1
Temperature	19.2	HF			Degrees C			03/27/18 16:21	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-1

Date Collected: 03/23/18 10:45

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 01:55	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/06/18 22:50	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 22:59	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:57	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391566	03/27/18 12:35	RRC	TAL PEN
Total/NA	Prep	SM 4500 CN C			391485	03/26/18 10:48	BAB	TAL PEN
Total/NA	Analysis	SM 4500 CN E		1	391474	03/26/18 13:04	BAB	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:05	BJB	TAL PEN
Total/NA	Analysis	SM 5220D		1	392336	04/02/18 11:49	DN1	TAL PEN
Total/NA	Analysis	SM 5310B		1	391597	03/27/18 01:38	CLM	TAL PEN

Client Sample ID: SWA-2

Date Collected: 03/23/18 12:45

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 02:18	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/06/18 23:13	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 23:22	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:59	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391566	03/27/18 12:35	RRC	TAL PEN
Total/NA	Prep	SM 4500 CN C			391485	03/26/18 10:48	BAB	TAL PEN
Total/NA	Analysis	SM 4500 CN E		1	391474	03/26/18 13:04	BAB	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:15	BJB	TAL PEN
Total/NA	Analysis	SM 5220D		1	392336	04/02/18 11:49	DN1	TAL PEN
Total/NA	Analysis	SM 5310B		1	391597	03/27/18 01:48	CLM	TAL PEN

Client Sample ID: SWA-3

Date Collected: 03/23/18 12:30

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 03:26	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/07/18 00:22	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 23:26	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 15:01	JAP	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	391566	03/27/18 12:35	RRC	TAL PEN
Total/NA	Prep	SM 4500 CN C			391485	03/26/18 10:48	BAB	TAL PEN
Total/NA	Analysis	SM 4500 CN E		1	391474	03/26/18 13:05	BAB	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:25	BJB	TAL PEN
Total/NA	Analysis	SM 5220D		1	392336	04/02/18 11:49	DN1	TAL PEN
Total/NA	Analysis	SM 5310B		1	391597	03/27/18 02:00	CLM	TAL PEN

Client Sample ID: SWC-7

Date Collected: 03/23/18 11:35

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 03:49	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/07/18 00:45	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 23:31	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 15:03	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391566	03/27/18 12:35	RRC	TAL PEN
Total/NA	Prep	SM 4500 CN C			391485	03/26/18 10:48	BAB	TAL PEN
Total/NA	Analysis	SM 4500 CN E		1	391474	03/26/18 13:05	BAB	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:03	BJB	TAL PEN
Total/NA	Analysis	SM 5220D		1	392336	04/02/18 11:49	DN1	TAL PEN
Total/NA	Analysis	SM 5310B		1	391597	03/27/18 02:12	CLM	TAL PEN

Client Sample ID: SWC-4

Date Collected: 03/23/18 11:05

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 04:12	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/07/18 01:08	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 23:35	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 15:04	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391578	03/27/18 13:42	RRC	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:01	BJB	TAL PEN

Client Sample ID: SWC-5

Date Collected: 03/23/18 11:20

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 04:35	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/07/18 01:30	JAW	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 23:40	DRE	TAL PEN
Total/NA	Prep	7470A			393598	04/11/18 17:19	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393870	04/13/18 09:41	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391578	03/27/18 13:42	RRC	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:13	BJB	TAL PEN

Client Sample ID: SWC-6

Lab Sample ID: 400-151322-7

Date Collected: 03/23/18 11:45

Matrix: Water

Date Received: 03/24/18 08:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 04:58	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:07	DRE	TAL PEN
Total/NA	Prep	7470A			393598	04/11/18 17:19	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393870	04/13/18 09:49	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391578	03/27/18 13:42	RRC	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:17	BJB	TAL PEN

Client Sample ID: SWC-8

Lab Sample ID: 400-151322-8

Date Collected: 03/23/18 12:15

Matrix: Water

Date Received: 03/24/18 08:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 05:21	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/07/18 01:53	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:11	DRE	TAL PEN
Total/NA	Prep	7470A			393598	04/11/18 17:19	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393870	04/13/18 09:51	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391578	03/27/18 13:42	RRC	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:21	BJB	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

HPLC/IC

Analysis Batch: 392922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	300.0	
400-151322-2	SWA-2	Total/NA	Water	300.0	
400-151322-3	SWA-3	Total/NA	Water	300.0	
400-151322-4	SWC-7	Total/NA	Water	300.0	
400-151322-5	SWC-4	Total/NA	Water	300.0	
400-151322-6	SWC-5	Total/NA	Water	300.0	
400-151322-7	SWC-6	Total/NA	Water	300.0	
400-151322-8	SWC-8	Total/NA	Water	300.0	
MB 400-392922/36	Method Blank	Total/NA	Water	300.0	
LCS 400-392922/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392922/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151220-A-8 MS	Matrix Spike	Total/NA	Water	300.0	
400-151220-A-8 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 393083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1 - DL	SWA-1	Total/NA	Water	300.0	
400-151322-2 - DL	SWA-2	Total/NA	Water	300.0	
400-151322-3 - DL	SWA-3	Total/NA	Water	300.0	
400-151322-4 - DL	SWC-7	Total/NA	Water	300.0	
400-151322-5 - DL	SWC-4	Total/NA	Water	300.0	
400-151322-6 - DL	SWC-5	Total/NA	Water	300.0	
400-151322-8 - DL	SWC-8	Total/NA	Water	300.0	
MB 400-393083/38	Method Blank	Total/NA	Water	300.0	
LCS 400-393083/39	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-393083/40	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151428-A-14 MS	Matrix Spike	Total/NA	Water	300.0	
400-151428-A-14 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 391845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total Recoverable	Water	3005A	
400-151322-2	SWA-2	Total Recoverable	Water	3005A	
400-151322-3	SWA-3	Total Recoverable	Water	3005A	
400-151322-4	SWC-7	Total Recoverable	Water	3005A	
400-151322-5	SWC-4	Total Recoverable	Water	3005A	
400-151322-6	SWC-5	Total Recoverable	Water	3005A	
400-151322-7	SWC-6	Total Recoverable	Water	3005A	
400-151322-8	SWC-8	Total Recoverable	Water	3005A	
MB 400-391845/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-391845/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151322-1 MS	SWA-1	Total Recoverable	Water	3005A	
400-151322-1 MSD	SWA-1	Total Recoverable	Water	3005A	

Analysis Batch: 391973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total Recoverable	Water	6020	391845
400-151322-2	SWA-2	Total Recoverable	Water	6020	391845

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Metals (Continued)

Analysis Batch: 391973 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-3	SWA-3	Total Recoverable	Water	6020	391845
400-151322-4	SWC-7	Total Recoverable	Water	6020	391845
400-151322-5	SWC-4	Total Recoverable	Water	6020	391845
400-151322-6	SWC-5	Total Recoverable	Water	6020	391845
400-151322-7	SWC-6	Total Recoverable	Water	6020	391845
400-151322-8	SWC-8	Total Recoverable	Water	6020	391845
MB 400-391845/1-A ^5	Method Blank	Total Recoverable	Water	6020	391845
LCS 400-391845/2-A	Lab Control Sample	Total Recoverable	Water	6020	391845
400-151322-1 MS	SWA-1	Total Recoverable	Water	6020	391845
400-151322-1 MSD	SWA-1	Total Recoverable	Water	6020	391845

Prep Batch: 392489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	7470A	
400-151322-2	SWA-2	Total/NA	Water	7470A	
400-151322-3	SWA-3	Total/NA	Water	7470A	
400-151322-4	SWC-7	Total/NA	Water	7470A	
400-151322-5	SWC-4	Total/NA	Water	7470A	
MB 400-392489/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-392489/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151352-R-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-151352-R-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 392873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	7470A	392489
400-151322-2	SWA-2	Total/NA	Water	7470A	392489
400-151322-3	SWA-3	Total/NA	Water	7470A	392489
400-151322-4	SWC-7	Total/NA	Water	7470A	392489
400-151322-5	SWC-4	Total/NA	Water	7470A	392489
MB 400-392489/14-A	Method Blank	Total/NA	Water	7470A	392489
LCS 400-392489/15-A	Lab Control Sample	Total/NA	Water	7470A	392489
400-151352-R-1-C MS	Matrix Spike	Total/NA	Water	7470A	392489
400-151352-R-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	392489

Prep Batch: 393598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-6	SWC-5	Total/NA	Water	7470A	
400-151322-7	SWC-6	Total/NA	Water	7470A	
400-151322-8	SWC-8	Total/NA	Water	7470A	
MB 400-393598/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-393598/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151322-6 MS	SWC-5	Total/NA	Water	7470A	
400-151322-6 MSD	SWC-5	Total/NA	Water	7470A	

Analysis Batch: 393870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-6	SWC-5	Total/NA	Water	7470A	393598
400-151322-7	SWC-6	Total/NA	Water	7470A	393598
400-151322-8	SWC-8	Total/NA	Water	7470A	393598
MB 400-393598/14-A	Method Blank	Total/NA	Water	7470A	393598

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Metals (Continued)

Analysis Batch: 393870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-393598/15-A	Lab Control Sample	Total/NA	Water	7470A	393598
400-151322-6 MS	SWC-5	Total/NA	Water	7470A	393598
400-151322-6 MSD	SWC-5	Total/NA	Water	7470A	393598

General Chemistry

Analysis Batch: 391474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 4500 CN E	391485
400-151322-2	SWA-2	Total/NA	Water	SM 4500 CN E	391485
400-151322-3	SWA-3	Total/NA	Water	SM 4500 CN E	391485
400-151322-4	SWC-7	Total/NA	Water	SM 4500 CN E	391485
MB 400-391485/1-A	Method Blank	Total/NA	Water	SM 4500 CN E	391485
LCS 400-391485/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	391485
400-151294-G-1-B MS	Matrix Spike	Total/NA	Water	SM 4500 CN E	391485
400-151294-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 CN E	391485
400-151255-A-1-B DU	Duplicate	Total/NA	Water	SM 4500 CN E	391485

Prep Batch: 391485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 4500 CN C	
400-151322-2	SWA-2	Total/NA	Water	SM 4500 CN C	
400-151322-3	SWA-3	Total/NA	Water	SM 4500 CN C	
400-151322-4	SWC-7	Total/NA	Water	SM 4500 CN C	
MB 400-391485/1-A	Method Blank	Total/NA	Water	SM 4500 CN C	
LCS 400-391485/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
400-151294-G-1-B MS	Matrix Spike	Total/NA	Water	SM 4500 CN C	
400-151294-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 CN C	
400-151255-A-1-B DU	Duplicate	Total/NA	Water	SM 4500 CN C	

Analysis Batch: 391566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 2540C	
400-151322-2	SWA-2	Total/NA	Water	SM 2540C	
400-151322-3	SWA-3	Total/NA	Water	SM 2540C	
400-151322-4	SWC-7	Total/NA	Water	SM 2540C	
MB 400-391566/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391566/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151322-1 DU	SWA-1	Total/NA	Water	SM 2540C	

Analysis Batch: 391578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-5	SWC-4	Total/NA	Water	SM 2540C	
400-151322-6	SWC-5	Total/NA	Water	SM 2540C	
400-151322-7	SWC-6	Total/NA	Water	SM 2540C	
400-151322-8	SWC-8	Total/NA	Water	SM 2540C	
MB 400-391578/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391578/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151322-5 DU	SWC-4	Total/NA	Water	SM 2540C	
400-151322-6 DU	SWC-5	Total/NA	Water	SM 2540C	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

General Chemistry (Continued)

Analysis Batch: 391597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 5310B	
400-151322-2	SWA-2	Total/NA	Water	SM 5310B	
400-151322-3	SWA-3	Total/NA	Water	SM 5310B	
400-151322-4	SWC-7	Total/NA	Water	SM 5310B	
MB 400-391597/4	Method Blank	Total/NA	Water	SM 5310B	
LCS 400-391597/5	Lab Control Sample	Total/NA	Water	SM 5310B	
MRL 400-391597/2	Lab Control Sample	Total/NA	Water	SM 5310B	
400-151160-G-1 MS	Matrix Spike	Total/NA	Water	SM 5310B	
400-151160-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5310B	

Analysis Batch: 391691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 4500 H+ B	
400-151322-2	SWA-2	Total/NA	Water	SM 4500 H+ B	
400-151322-3	SWA-3	Total/NA	Water	SM 4500 H+ B	
400-151322-4	SWC-7	Total/NA	Water	SM 4500 H+ B	
400-151322-5	SWC-4	Total/NA	Water	SM 4500 H+ B	
400-151322-6	SWC-5	Total/NA	Water	SM 4500 H+ B	
400-151322-7	SWC-6	Total/NA	Water	SM 4500 H+ B	
400-151322-8	SWC-8	Total/NA	Water	SM 4500 H+ B	
LCS 400-391691/4	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
400-151322-8 DU	SWC-8	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 392336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 5220D	
400-151322-2	SWA-2	Total/NA	Water	SM 5220D	
400-151322-3	SWA-3	Total/NA	Water	SM 5220D	
400-151322-4	SWC-7	Total/NA	Water	SM 5220D	
MB 400-392336/3	Method Blank	Total/NA	Water	SM 5220D	
LCS 400-392336/4	Lab Control Sample	Total/NA	Water	SM 5220D	
MRL 400-392336/2	Lab Control Sample	Total/NA	Water	SM 5220D	
400-151322-1 MS	SWA-1	Total/NA	Water	SM 5220D	
400-151322-1 MSD	SWA-1	Total/NA	Water	SM 5220D	

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-392922/36

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 18:17	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 18:17	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 18:17	1

Lab Sample ID: LCS 400-392922/37

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.45		mg/L		94	90 - 110
Fluoride	10.0	9.83		mg/L		98	90 - 110
Sulfate	10.0	9.84		mg/L		98	90 - 110

Lab Sample ID: LCSD 400-392922/38

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.37		mg/L		94	90 - 110	1	15
Fluoride	10.0	9.83		mg/L		98	90 - 110	0	15
Sulfate	10.0	9.87		mg/L		99	90 - 110	0	15

Lab Sample ID: 400-151220-A-8 MS

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120
Fluoride	<0.082		10.0	9.93		mg/L		99	80 - 120
Sulfate	1.3		10.0	11.6		mg/L		103	80 - 120

Lab Sample ID: 400-151220-A-8 MSD

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	10.0		mg/L		100	80 - 120	1	20
Sulfate	1.3		10.0	11.7		mg/L		104	80 - 120	1	20

Lab Sample ID: MB 400-393083/38

Matrix: Water

Analysis Batch: 393083

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/06/18 19:42	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 19:42	1
Sulfate	<0.70		1.0	0.70	mg/L			04/06/18 19:42	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-393083/39

Matrix: Water

Analysis Batch: 393083

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.51		mg/L		95	90 - 110
Fluoride	10.0	9.98		mg/L		100	90 - 110
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 400-393083/40

Matrix: Water

Analysis Batch: 393083

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.48		mg/L		95	90 - 110	0	15
Fluoride	10.0	9.97		mg/L		100	90 - 110	0	15
Sulfate	10.0	9.92		mg/L		99	90 - 110	1	15

Lab Sample ID: 400-151428-A-14 MS

Matrix: Water

Analysis Batch: 393083

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7.9		10.0	17.5		mg/L		96	80 - 120
Fluoride	<0.082		10.0	10.2		mg/L		102	80 - 120
Sulfate	160	E	10.0	170	E 4	mg/L		109	80 - 120

Lab Sample ID: 400-151428-A-14 MSD

Matrix: Water

Analysis Batch: 393083

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7.9		10.0	17.5		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	10.2		mg/L		102	80 - 120	0	20
Sulfate	160	E	10.0	171	E 4	mg/L		114	80 - 120	0	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-391845/1-A ^5

Matrix: Water

Analysis Batch: 391973

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 22:24	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 22:24	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 22:24	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 22:24	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 22:24	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 22:24	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:24	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 22:24	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 22:24	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 22:24	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:24	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 400-391845/1-A ^5

Matrix: Water

Analysis Batch: 391973

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 22:24	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 22:24	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 22:24	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 22:24	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 22:24	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 22:24	5

Lab Sample ID: LCS 400-391845/2-A

Matrix: Water

Analysis Batch: 391973

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Copper	0.0500	0.0484		mg/L		97	80 - 120
Arsenic	0.0500	0.0484		mg/L		97	80 - 120
Nickel	0.0500	0.0518		mg/L		104	80 - 120
Barium	0.0500	0.0499		mg/L		100	80 - 120
Silver	0.0500	0.0498		mg/L		100	80 - 120
Beryllium	0.0500	0.0503		mg/L		101	80 - 120
Vanadium	0.0500	0.0500		mg/L		100	80 - 120
Boron	0.100	0.103		mg/L		103	80 - 120
Zinc	0.0500	0.0503		mg/L		101	80 - 120
Cadmium	0.0500	0.0495		mg/L		99	80 - 120
Calcium	5.00	5.31		mg/L		106	80 - 120
Chromium	0.0500	0.0498		mg/L		100	80 - 120
Cobalt	0.0500	0.0490		mg/L		98	80 - 120
Lead	0.0500	0.0509		mg/L		102	80 - 120
Selenium	0.0500	0.0486		mg/L		97	80 - 120
Thallium	0.0100	0.0101		mg/L		101	80 - 120

Lab Sample ID: 400-151322-1 MS

Matrix: Water

Analysis Batch: 391973

Client Sample ID: SWA-1

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0541		mg/L		108	75 - 125
Antimony	<0.0010		0.0500	0.0541		mg/L		108	75 - 125
Copper	0.0037		0.0500	0.0518		mg/L		96	75 - 125
Copper	0.0037		0.0500	0.0518		mg/L		96	75 - 125
Arsenic	<0.00046		0.0500	0.0494		mg/L		99	75 - 125
Arsenic	<0.00046		0.0500	0.0494		mg/L		99	75 - 125
Nickel	<0.0018		0.0500	0.0541		mg/L		108	75 - 125
Nickel	<0.0018		0.0500	0.0541		mg/L		108	75 - 125
Barium	0.063		0.0500	0.113		mg/L		100	75 - 125
Barium	0.063		0.0500	0.113		mg/L		100	75 - 125
Silver	<0.00011		0.0500	0.0500		mg/L		100	75 - 125
Silver	<0.00011		0.0500	0.0500		mg/L		100	75 - 125
Beryllium	<0.00034		0.0500	0.0498		mg/L		100	75 - 125
Beryllium	<0.00034		0.0500	0.0498		mg/L		100	75 - 125

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151322-1 MS

Matrix: Water

Analysis Batch: 391973

Client Sample ID: SWA-1

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	0.0033		0.0500	0.0532		mg/L		100	75 - 125
Vanadium	0.0033		0.0500	0.0532		mg/L		100	75 - 125
Boron	0.39		0.100	0.505		mg/L		115	75 - 125
Boron	0.39		0.100	0.505		mg/L		115	75 - 125
Zinc	0.0077	J	0.0500	0.0566		mg/L		98	75 - 125
Zinc	0.0077	J	0.0500	0.0566		mg/L		98	75 - 125
Cadmium	<0.00034		0.0500	0.0499		mg/L		100	75 - 125
Cadmium	<0.00034		0.0500	0.0499		mg/L		100	75 - 125
Calcium	24		5.00	28.6	4	mg/L		101	75 - 125
Calcium	24		5.00	28.6	4	mg/L		101	75 - 125
Chromium	<0.0011		0.0500	0.0507		mg/L		101	75 - 125
Chromium	<0.0011		0.0500	0.0507		mg/L		101	75 - 125
Cobalt	<0.00040		0.0500	0.0491		mg/L		98	75 - 125
Cobalt	<0.00040		0.0500	0.0491		mg/L		98	75 - 125
Lead	<0.00035		0.0500	0.0513		mg/L		103	75 - 125
Lead	<0.00035		0.0500	0.0513		mg/L		103	75 - 125
Selenium	0.0012	J	0.0500	0.0515		mg/L		101	75 - 125
Selenium	0.0012	J	0.0500	0.0515		mg/L		101	75 - 125
Thallium	0.00028	J	0.0100	0.0106		mg/L		103	75 - 125
Thallium	0.00028	J	0.0100	0.0106		mg/L		103	75 - 125

Lab Sample ID: 400-151322-1 MSD

Matrix: Water

Analysis Batch: 391973

Client Sample ID: SWA-1

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.0010		0.0500	0.0519		mg/L		104	75 - 125	4	20
Antimony	<0.0010		0.0500	0.0519		mg/L		104	75 - 125	4	20
Copper	0.0037		0.0500	0.0520		mg/L		97	75 - 125	0	20
Copper	0.0037		0.0500	0.0520		mg/L		97	75 - 125	0	20
Arsenic	<0.00046		0.0500	0.0500		mg/L		100	75 - 125	1	20
Arsenic	<0.00046		0.0500	0.0500		mg/L		100	75 - 125	1	20
Nickel	<0.0018		0.0500	0.0545		mg/L		109	75 - 125	1	20
Nickel	<0.0018		0.0500	0.0545		mg/L		109	75 - 125	1	20
Barium	0.063		0.0500	0.112		mg/L		99	75 - 125	1	20
Barium	0.063		0.0500	0.112		mg/L		99	75 - 125	1	20
Silver	<0.00011		0.0500	0.0505		mg/L		101	75 - 125	1	20
Silver	<0.00011		0.0500	0.0505		mg/L		101	75 - 125	1	20
Beryllium	<0.00034		0.0500	0.0500		mg/L		100	75 - 125	0	20
Beryllium	<0.00034		0.0500	0.0500		mg/L		100	75 - 125	0	20
Vanadium	0.0033		0.0500	0.0532		mg/L		100	75 - 125	0	20
Vanadium	0.0033		0.0500	0.0532		mg/L		100	75 - 125	0	20
Boron	0.39		0.100	0.503		mg/L		114	75 - 125	0	20
Boron	0.39		0.100	0.503		mg/L		114	75 - 125	0	20
Zinc	0.0077	J	0.0500	0.0570		mg/L		99	75 - 125	1	20
Zinc	0.0077	J	0.0500	0.0570		mg/L		99	75 - 125	1	20
Cadmium	<0.00034		0.0500	0.0504		mg/L		101	75 - 125	1	20
Cadmium	<0.00034		0.0500	0.0504		mg/L		101	75 - 125	1	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151322-1 MSD

Matrix: Water

Analysis Batch: 391973

Client Sample ID: SWA-1
Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	24		5.00	28.9	4	mg/L		108	75 - 125	1	20
Calcium	24		5.00	28.9	4	mg/L		108	75 - 125	1	20
Chromium	<0.0011		0.0500	0.0509		mg/L		102	75 - 125	0	20
Chromium	<0.0011		0.0500	0.0509		mg/L		102	75 - 125	0	20
Cobalt	<0.00040		0.0500	0.0496		mg/L		99	75 - 125	1	20
Cobalt	<0.00040		0.0500	0.0496		mg/L		99	75 - 125	1	20
Lead	<0.00035		0.0500	0.0521		mg/L		104	75 - 125	2	20
Lead	<0.00035		0.0500	0.0521		mg/L		104	75 - 125	2	20
Selenium	0.0012	J	0.0500	0.0496		mg/L		97	75 - 125	4	20
Selenium	0.0012	J	0.0500	0.0496		mg/L		97	75 - 125	4	20
Thallium	0.00028	J	0.0100	0.0104		mg/L		101	75 - 125	2	20
Thallium	0.00028	J	0.0100	0.0104		mg/L		101	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-392489/14-A

Matrix: Water

Analysis Batch: 392873

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 392489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000138	J	0.00020	0.000070	mg/L		04/03/18 11:23	04/05/18 13:29	1

Lab Sample ID: LCS 400-392489/15-A

Matrix: Water

Analysis Batch: 392873

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 392489

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00107		mg/L		106	80 - 120

Lab Sample ID: 400-151352-R-1-C MS

Matrix: Water

Analysis Batch: 392873

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 392489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000070	F1	0.00201	0.00247	F1	mg/L		123	80 - 120

Lab Sample ID: 400-151352-R-1-D MSD

Matrix: Water

Analysis Batch: 392873

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 392489

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.000070	F1	0.00201	0.00244	F1	mg/L		121	80 - 120	2	20

Lab Sample ID: MB 400-393598/14-A

Matrix: Water

Analysis Batch: 393870

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 393598

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/11/18 17:19	04/13/18 09:38	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 400-393598/15-A
Matrix: Water
Analysis Batch: 393870

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 393598

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00103		mg/L		102	80 - 120

Lab Sample ID: 400-151322-6 MS
Matrix: Water
Analysis Batch: 393870

Client Sample ID: SWC-5
Prep Type: Total/NA
Prep Batch: 393598

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000070		0.00201	0.00207		mg/L		103	80 - 120

Lab Sample ID: 400-151322-6 MSD
Matrix: Water
Analysis Batch: 393870

Client Sample ID: SWC-5
Prep Type: Total/NA
Prep Batch: 393598

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	<0.000070		0.00201	0.00199		mg/L		99	80 - 120	4	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-391566/1
Matrix: Water
Analysis Batch: 391566

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/27/18 12:35	1

Lab Sample ID: LCS 400-391566/2
Matrix: Water
Analysis Batch: 391566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	246		mg/L		84	78 - 122

Lab Sample ID: 400-151322-1 DU
Matrix: Water
Analysis Batch: 391566

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	210		206		mg/L		0	5

Lab Sample ID: MB 400-391578/1
Matrix: Water
Analysis Batch: 391578

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/27/18 13:42	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 400-391578/2

Matrix: Water

Analysis Batch: 391578

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	268		mg/L	-	91	78 - 122

Lab Sample ID: 400-151322-5 DU

Matrix: Water

Analysis Batch: 391578

Client Sample ID: SWC-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	210		206		mg/L	-	0	5

Lab Sample ID: 400-151322-6 DU

Matrix: Water

Analysis Batch: 391578

Client Sample ID: SWC-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	230		228		mg/L	-	0	5

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 400-391485/1-A

Matrix: Water

Analysis Batch: 391474

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 391485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0050		0.0050	0.0050	mg/L	-	03/26/18 10:48	03/26/18 12:59	1

Lab Sample ID: LCS 400-391485/3-A

Matrix: Water

Analysis Batch: 391474

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 391485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.274	0.310		mg/L	-	113	75 - 125

Lab Sample ID: 400-151294-G-1-B MS

Matrix: Water

Analysis Batch: 391474

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 391485

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	<0.0050		0.200	0.196		mg/L	-	98	68 - 133

Lab Sample ID: 400-151294-G-1-C MSD

Matrix: Water

Analysis Batch: 391474

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 391485

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	<0.0050		0.200	0.200		mg/L	-	100	68 - 133	2	36

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: SM 4500 CN E - Cyanide, Total (Continued)

Lab Sample ID: 400-151255-A-1-B DU
Matrix: Water
Analysis Batch: 391474

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 391485

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cyanide, Total	0.0072		0.00714		mg/L		0.6	36

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 400-391691/4
Matrix: Water
Analysis Batch: 391691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.1		SU		101	95 - 105

Lab Sample ID: 400-151322-8 DU
Matrix: Water
Analysis Batch: 391691

Client Sample ID: SWC-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
pH	7.0	HF	7.0		SU		0.1	5
Temperature	19.2	HF	19.2		Degrees C		0	30

Method: SM 5220D - COD

Lab Sample ID: MB 400-392336/3
Matrix: Water
Analysis Batch: 392336

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<6.4		10	6.4	mg/L			04/02/18 11:49	1

Lab Sample ID: LCS 400-392336/4
Matrix: Water
Analysis Batch: 392336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	50.0	52.0		mg/L		104	90 - 110

Lab Sample ID: MRL 400-392336/2
Matrix: Water
Analysis Batch: 392336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	30.0	27.2		mg/L		91	50 - 150

Lab Sample ID: 400-151322-1 MS
Matrix: Water
Analysis Batch: 392336

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	18	F1	75.0	96.8		mg/L		106	90 - 110

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: SM 5220D - COD (Continued)

Lab Sample ID: 400-151322-1 MSD

Matrix: Water

Analysis Batch: 392336

Client Sample ID: SWA-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chemical Oxygen Demand	18	F1	75.0	102	F1	mg/L	-	113	90 - 110	5	13

Method: SM 5310B - Organic Carbon, Total (TOC)

Lab Sample ID: MB 400-391597/4

Matrix: Water

Analysis Batch: 391597

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<0.50		1.0	0.50	mg/L	-		03/26/18 20:10	1

Lab Sample ID: LCS 400-391597/5

Matrix: Water

Analysis Batch: 391597

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	10.0	8.87		mg/L	-	89	80 - 120

Lab Sample ID: MRL 400-391597/2

Matrix: Water

Analysis Batch: 391597

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	1.00	0.910	J	mg/L	-	91	50 - 150

Lab Sample ID: 400-151160-G-1 MS

Matrix: Water

Analysis Batch: 391597

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	2.9		5.00	7.67		mg/L	-	96	76 - 117

Lab Sample ID: 400-151160-G-1 MSD

Matrix: Water

Analysis Batch: 391597

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	2.9		5.00	7.50		mg/L	-	93	76 - 117	2	16

Chain of Custody Record

Ver: 08/04/2016

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-151322-1

SDG Number: Surface Waters

Login Number: 151322

List Number: 1

Creator: Johnson, Jeremy N

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 2.3°C IR7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18 *
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Pensacola

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-151429-1

TestAmerica Sample Delivery Group: Effluent

Client Project/Site: CCR - Plant Scherer

For:

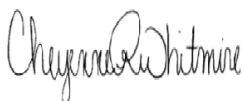
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Attn: Joju Abraham



Authorized for release by:

4/12/2018 3:16:41 PM

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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Job ID: 400-151429-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-151429-1

Metals

Method(s) 3005A: The following sample was diluted due to containing a lot of sediment and becoming very turbid after homogenization: EFFLUENT (400-151429-1). Elevated reporting limits (RL) are provided.

Method(s) 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 393096 and analytical batch 393373 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6020: The following sample was diluted to bring the concentration of target analytes within the calibration range: EFFLUENT (400-151429-1). Elevated reporting limits (RLs) are provided.

Method(s) 6020: The following sample was diluted due to the nature of the sample matrix: EFFLUENT (400-151429-1). Elevated reporting limits (RLs) are provided.

Method(s) 7470A: The following sample was diluted to bring the concentration of target analytes within the calibration range: EFFLUENT (400-151429-1). Elevated reporting limits (RLs) are provided.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Client Sample ID: EFFLUENT

Lab Sample ID: 400-151429-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Antimony	0.020		0.013	0.0050	mg/L	5			6020	Total
Copper	0.11		0.013	0.011	mg/L	5			6020	Recoverable
Nickel	0.31		0.013	0.0090	mg/L	5			6020	Total
Barium	1.9		0.013	0.0025	mg/L	5			6020	Recoverable
Silver	0.00068	J	0.0063	0.00055	mg/L	5			6020	Total
Beryllium	0.0040	J	0.013	0.0017	mg/L	5			6020	Recoverable
Vanadium	0.098		0.013	0.0070	mg/L	5			6020	Total
Zinc	0.63		0.10	0.033	mg/L	5			6020	Recoverable
Cadmium	0.011	J	0.013	0.0017	mg/L	5			6020	Total
Chromium	0.15		0.013	0.0055	mg/L	5			6020	Recoverable
Cobalt	0.065		0.013	0.0020	mg/L	5			6020	Total
Lead	0.055		0.0063	0.0018	mg/L	5			6020	Recoverable
Selenium	0.19		0.0063	0.0012	mg/L	5			6020	Total
Arsenic - DL	0.060		0.031	0.012	mg/L	25			6020	Recoverable
Mercury	0.038		0.0040	0.0014	mg/L	20			7470A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-151429-1	EFFLUENT	Water	03/26/18 13:20	03/28/18 09:44

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Client Sample ID: EFFLUENT

Date Collected: 03/26/18 13:20

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151429-1

Matrix: Water

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.020		0.013	0.0050	mg/L		04/07/18 12:25	04/10/18 01:43	5
Copper	0.11		0.013	0.011	mg/L		04/07/18 12:25	04/10/18 01:43	5
Nickel	0.31		0.013	0.0090	mg/L		04/07/18 12:25	04/10/18 01:43	5
Barium	1.9		0.013	0.0025	mg/L		04/07/18 12:25	04/10/18 01:43	5
Silver	0.00068	J	0.0063	0.00055	mg/L		04/07/18 12:25	04/10/18 01:43	5
Beryllium	0.0040	J	0.013	0.0017	mg/L		04/07/18 12:25	04/10/18 01:43	5
Vanadium	0.098		0.013	0.0070	mg/L		04/07/18 12:25	04/10/18 01:43	5
Zinc	0.63		0.10	0.033	mg/L		04/07/18 12:25	04/10/18 01:43	5
Cadmium	0.011	J	0.013	0.0017	mg/L		04/07/18 12:25	04/10/18 01:43	5
Chromium	0.15		0.013	0.0055	mg/L		04/07/18 12:25	04/10/18 01:43	5
Cobalt	0.065		0.013	0.0020	mg/L		04/07/18 12:25	04/10/18 01:43	5
Lead	0.055		0.0063	0.0018	mg/L		04/07/18 12:25	04/10/18 01:43	5
Selenium	0.19		0.0063	0.0012	mg/L		04/07/18 12:25	04/10/18 01:43	5
Thallium	<0.00043		0.0025	0.00043	mg/L		04/07/18 12:25	04/10/18 01:43	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.060		0.031	0.012	mg/L		04/07/18 12:25	04/10/18 12:36	25

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.0040	0.0014	mg/L		04/10/18 14:31	04/11/18 15:02	20

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Client Sample ID: EFFLUENT

Date Collected: 03/26/18 13:20

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151429-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			393096	04/07/18 12:25	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 01:43	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393096	04/07/18 12:25	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	25	393442	04/10/18 12:36	DRE	TAL PEN
Total/NA	Prep	7470A			393419	04/10/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		20	393589	04/11/18 15:02	JAP	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Metals

Prep Batch: 393096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151429-1	EFFLUENT	Total Recoverable	Water	3005A	
400-151429-1 - DL	EFFLUENT	Total Recoverable	Water	3005A	
MB 400-393096/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-393096/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151478-G-5-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-151478-G-5-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 393373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151429-1	EFFLUENT	Total Recoverable	Water	6020	393096
LCS 400-393096/2-A	Lab Control Sample	Total Recoverable	Water	6020	393096
400-151478-G-5-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	393096
400-151478-G-5-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	393096

Prep Batch: 393419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151429-1	EFFLUENT	Total/NA	Water	7470A	
MB 400-393419/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-393419/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151426-G-11-E MS	Matrix Spike	Total/NA	Water	7470A	
400-151426-G-11-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 393442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151429-1 - DL	EFFLUENT	Total Recoverable	Water	6020	393096
MB 400-393096/1-A ^5	Method Blank	Total Recoverable	Water	6020	393096

Analysis Batch: 393589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151429-1	EFFLUENT	Total/NA	Water	7470A	393419
MB 400-393419/14-A	Method Blank	Total/NA	Water	7470A	393419
LCS 400-393419/15-A	Lab Control Sample	Total/NA	Water	7470A	393419
400-151426-G-11-E MS	Matrix Spike	Total/NA	Water	7470A	393419
400-151426-G-11-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	393419

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-393096/1-A ^5
Matrix: Water
Analysis Batch: 393442

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 393096

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/07/18 12:25	04/10/18 12:22	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/07/18 12:25	04/10/18 12:22	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		04/07/18 12:25	04/10/18 12:22	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/07/18 12:25	04/10/18 12:22	5
Barium	<0.00049		0.0025	0.00049	mg/L		04/07/18 12:25	04/10/18 12:22	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/07/18 12:25	04/10/18 12:22	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		04/07/18 12:25	04/10/18 12:22	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/07/18 12:25	04/10/18 12:22	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/07/18 12:25	04/10/18 12:22	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/07/18 12:25	04/10/18 12:22	5
Chromium	<0.0011		0.0025	0.0011	mg/L		04/07/18 12:25	04/10/18 12:22	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/07/18 12:25	04/10/18 12:22	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/07/18 12:25	04/10/18 12:22	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/07/18 12:25	04/10/18 12:22	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/07/18 12:25	04/10/18 12:22	5

Lab Sample ID: LCS 400-393096/2-A
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 393096

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0522		mg/L		104	80 - 120
Copper	0.0500	0.0503		mg/L		101	80 - 120
Arsenic	0.0500	0.0521		mg/L		104	80 - 120
Nickel	0.0500	0.0512		mg/L		102	80 - 120
Barium	0.0500	0.0504		mg/L		101	80 - 120
Silver	0.0500	0.0501		mg/L		100	80 - 120
Beryllium	0.0500	0.0528		mg/L		106	80 - 120
Vanadium	0.0500	0.0487		mg/L		97	80 - 120
Zinc	0.0500	0.0512		mg/L		102	80 - 120
Cadmium	0.0500	0.0497		mg/L		99	80 - 120
Chromium	0.0500	0.0479		mg/L		96	80 - 120
Cobalt	0.0500	0.0507		mg/L		101	80 - 120
Lead	0.0500	0.0513		mg/L		103	80 - 120
Selenium	0.0500	0.0487		mg/L		97	80 - 120
Thallium	0.0100	0.00960		mg/L		96	80 - 120

Lab Sample ID: 400-151478-G-5-B MS ^5
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 393096

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0534		mg/L		107	75 - 125
Copper	<0.0021		0.0500	0.0530		mg/L		106	75 - 125
Arsenic	<0.00046	^	0.0500	0.0554	^	mg/L		111	75 - 125
Nickel	<0.0018		0.0500	0.0548		mg/L		110	75 - 125
Barium	0.085		0.0500	0.142		mg/L		114	75 - 125
Silver	<0.00011		0.0500	0.0521		mg/L		104	75 - 125

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151478-G-5-B MS ^5

Matrix: Water

Analysis Batch: 393373

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 393096

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	<0.00034		0.0500	0.0548		mg/L		110	75 - 125
Vanadium	<0.0014		0.0500	0.0486		mg/L		97	75 - 125
Zinc	<0.0065		0.0500	0.0581		mg/L		116	75 - 125
Cadmium	<0.00034		0.0500	0.0496		mg/L		99	75 - 125
Chromium	<0.0011		0.0500	0.0502		mg/L		100	75 - 125
Cobalt	0.0014	J	0.0500	0.0534		mg/L		104	75 - 125
Lead	<0.00035		0.0500	0.0517		mg/L		103	75 - 125
Selenium	<0.00024		0.0500	0.0504		mg/L		101	75 - 125
Thallium	<0.000085		0.0100	0.00985		mg/L		98	75 - 125

Lab Sample ID: 400-151478-G-5-C MSD ^5

Matrix: Water

Analysis Batch: 393373

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 393096

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	<0.0010		0.0500	0.0517		mg/L		103	75 - 125	3	20
Copper	<0.0021		0.0500	0.0533		mg/L		107	75 - 125	1	20
Arsenic	<0.00046	^	0.0500	0.0565	^	mg/L		113	75 - 125	2	20
Nickel	<0.0018		0.0500	0.0543		mg/L		109	75 - 125	1	20
Barium	0.085		0.0500	0.138		mg/L		106	75 - 125	3	20
Silver	<0.00011		0.0500	0.0519		mg/L		104	75 - 125	0	20
Beryllium	<0.00034		0.0500	0.0551		mg/L		110	75 - 125	1	20
Vanadium	<0.0014		0.0500	0.0493		mg/L		99	75 - 125	1	20
Zinc	<0.0065		0.0500	0.0561		mg/L		112	75 - 125	4	20
Cadmium	<0.00034		0.0500	0.0492		mg/L		98	75 - 125	1	20
Chromium	<0.0011		0.0500	0.0499		mg/L		100	75 - 125	1	20
Cobalt	0.0014	J	0.0500	0.0536		mg/L		104	75 - 125	0	20
Lead	<0.00035		0.0500	0.0516		mg/L		103	75 - 125	0	20
Selenium	<0.00024		0.0500	0.0481		mg/L		96	75 - 125	5	20
Thallium	<0.000085		0.0100	0.00971		mg/L		97	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-393419/14-A

Matrix: Water

Analysis Batch: 393589

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 393419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 13:45	04/11/18 12:49	1

Lab Sample ID: LCS 400-393419/15-A

Matrix: Water

Analysis Batch: 393589

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 393419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.000962		mg/L		96	80 - 120

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 400-151426-G-11-E MS

Matrix: Water

Analysis Batch: 393589

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 393419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000070		0.00201	0.00197		mg/L		98	80 - 120

Lab Sample ID: 400-151426-G-11-F MSD

Matrix: Water

Analysis Batch: 393589

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 393419


Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.000070		0.00201	0.00189		mg/L		94	80 - 120	4	20

TestAmerica Pensacola

3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record



Client Information Client Contact: Joju Abraham Company: Southern Company Address: 241 Ralph McGill Blvd SE B10185 City: Atlanta State, Zip: GA, 30308 Phone: SCS10347656 Email: JAbraham@southernco.com Project Name: CCR - Plant Scherer App III Site: Effluent		Sampler: Ben Hodges Phone: 912-258-7457 Lab PM: Whitmire, Cheyenne R E-Mail: cheyenne.whitmire@testamericainc.com		Carrier Tracking No(s): COC No: 400-68569-27833.6 Page: 1 of 1 Job #:	
Due Date Requested: TAT Requested (days): PO #: SCS10347656 WO #: Project #: 40008128 SSOW#:		Analysis Requested <div style="text-align: center;">  400-151429 COC </div>			
Sample Identification Sample Date: 3/26/18 Sample Time: 1320 Sample Type (C=comp, G=grab): G Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air): Water		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 2540C - Total Dissolved Solids, 300_ORGFM_28D-Fluoride, Chloride & Sulfate 6020 - Boron & Calcium State 6020 - As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn & 7470 - Hg			
Sample Identification Sample Date: 3/26/18 Sample Time: 1320 Sample Type (C=comp, G=grab): G Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air): Water		Special Instructions/Note: Total Number of containers: 1 Sampled from Unit 3 RAD - ST Low 3			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:			
Empty Kit Relinquished by: Ben Hodges Date: 3/27/18 0800 Company: Goldier		Method of Shipment: Received by: TETROD Date/Time: 3-28-17 0800 Company: CROW			
Relinquished by: TETROD Date/Time: 3-27-18 1065 Company: CROW		Relinquished by: TETROD Date/Time: 3-27-18 16:00 Company: TA			
Custody Seal Intact: 450043 <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperature(s) °C and Other Remarks: 0.0°C IR7 00			

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-151429-1

SDG Number: Effluent

Login Number: 151429

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18 *
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-18
L-A-B	ISO/IEC 17025		L2471	02-22-20
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Pensacola

Product Name: Low-Flow System

Date: 2018-03-20 10:20:32

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 24 ft

Pump placement from TOC 24 ft

Well Information:

Well ID GWA-15
Well diameter 2 in
Well Total Depth 29.59 ft
Screen Length 10 ft
Depth to Water 9.80 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.1971222 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.4 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:03:41	300.09	20.48	5.51	67.28	3.20	10.00	0.28	69.16
Last 5	10:08:41	600.02	20.31	5.49	64.46	3.11	10.00	0.22	63.85
Last 5	10:13:41	900.02	20.39	5.48	64.82	2.61	10.00	0.17	61.39
Last 5	10:18:41	1200.02	20.56	5.48	64.74	2.60	10.00	0.14	59.88
Last 5									
Variance 0			-0.17	-0.02	-2.81			-0.06	-5.31
Variance 1			0.08	-0.01	0.36			-0.04	-2.46
Variance 2			0.17	-0.00	-0.09			-0.04	-1.51

Notes

Began purging @ 0958
Stopped sampling and began purging at 1020

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 10:27:31

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 53 ft

Pump placement from TOC 53 ft

Well Information:

Well ID GWA-16
Well diameter 2 in
Well Total Depth 57.93 ft
Screen Length 10 ft
Depth to Water 32.9 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.4515614 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.32 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:05:29	300.10	22.84	6.73	110.89	8.27	32.96	6.60	97.39
Last 5	10:10:29	600.03	19.95	6.51	114.75	5.56	32.98	6.48	74.48
Last 5	10:15:29	900.03	19.70	6.43	114.78	4.85	32.99	6.55	68.74
Last 5	10:20:29	1200.02	19.75	6.40	113.91	3.23	33.00	6.40	65.86
Last 5	10:25:34	1505.02	19.63	6.36	114.23	2.98	33.01	6.28	65.06
Variance 0			-0.25	-0.09	0.03			0.06	-5.74
Variance 1			0.05	-0.03	-0.87			-0.15	-2.87
Variance 2			-0.12	-0.03	0.32			-0.12	-0.80

Notes

Sampled GWA-16 at 1025, 3-20-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 12:36:11

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 42 ft

Pump placement from TOC 42 ft

Well Information:

Well ID GWA-17
Well diameter 2 in
Well Total Depth 46.76 ft
Screen Length 10 ft
Depth to Water 32.9 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.4024638 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.68 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:15:04	600.03	20.93	5.94	83.00	5.12	33.03	6.56	60.60
Last 5	12:20:04	900.02	21.15	5.95	83.17	4.17	33.03	6.41	59.08
Last 5	12:25:04	1200.02	20.75	5.97	83.74	3.40	33.04	6.39	59.01
Last 5	12:30:04	1500.02	20.36	5.92	83.82	3.04	33.04	6.35	61.40
Last 5	12:35:04	1800.01	20.35	5.97	83.73	3.19	33.04	6.31	62.86
Variance 0			-0.40	0.02	0.57			-0.02	-0.07
Variance 1			-0.39	-0.05	0.08			-0.03	2.38
Variance 2			-0.01	0.05	-0.09			-0.04	1.46

Notes

Sampled GWA-17 at 1235, 3-20-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 12:42:02

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 34 ft

Pump placement from TOC 34 ft

Well Information:

Well ID GWC-1
Well diameter 2 in
Well Total Depth 38.72 ft
Screen Length 10 ft
Depth to Water 7.20 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2417564 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 5.28 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:24:58	300.08	21.67	6.62	194.80	0.49	7.64	4.26	73.30
Last 5	12:29:58	600.02	21.55	6.63	193.56	0.27	7.64	4.28	69.35
Last 5	12:34:58	900.02	21.48	6.63	192.51	0.54	7.64	4.32	66.31
Last 5	12:39:58	1200.02	21.32	6.63	190.77	0.44	7.64	4.30	64.01
Last 5									
Variance 0			-0.12	0.00	-1.24			0.02	-3.95
Variance 1			-0.07	0.01	-1.05			0.04	-3.03
Variance 2			-0.15	0.00	-1.74			-0.02	-2.31

Notes

Began purging at 1219
Stopped purging and began sampling at 1240

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 13:49:01

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 54 ft

Pump placement from TOC 54 ft

Well Information:

Well ID GWC-2
Well diameter 2 in
Well Total Depth 58.74 ft
Screen Length 10 ft
Depth to Water 11.74 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.3310249 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 15.12 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:32:24	300.08	21.90	6.52	176.52	0.79	13.00	2.92	67.04
Last 5	13:37:24	600.02	21.57	6.52	177.02	1.11	13.00	2.88	64.21
Last 5	13:42:24	900.02	21.95	6.52	176.49	0.83	13.00	2.80	62.04
Last 5	13:47:24	1200.02	22.35	6.52	176.93	0.87	13.00	2.74	60.73
Last 5									
Variance 0			-0.33	-0.00	0.50			-0.04	-2.83
Variance 1			0.38	0.00	-0.53			-0.08	-2.16
Variance 2			0.40	0.00	0.44			-0.06	-1.31

Notes

Began purging at 1327
Stopped purging and began sampling at 1350

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 12:32:02

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 45 ft

Pump placement from TOC 45 ft

Well Information:

Well ID GWC-3
Well diameter 2 in
Well Total Depth 50.16 ft
Screen Length 10 ft
Depth to Water 32.75 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.415854 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.68 in
Total Volume Pumped 3.6 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:10:42	600.02	16.27	5.97	112.77	11.63	32.89	4.32	59.87
Last 5	12:15:42	900.02	16.11	5.96	111.54	8.52	32.89	4.33	59.90
Last 5	12:20:44	1202.01	16.21	5.96	112.03	6.92	32.89	4.32	59.26
Last 5	12:25:44	1502.01	16.02	5.96	113.65	5.66	32.89	4.33	60.01
Last 5	12:30:44	1802.01	16.06	5.96	113.60	4.86	32.89	4.38	60.25
Variance 0			0.10	0.00	0.49			-0.01	-0.63
Variance 1			-0.19	-0.00	1.62			0.02	0.75
Variance 2			0.04	0.00	-0.06			0.05	0.23

Notes

Sampled GWC-3 at 1230, 3-21-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 13:36:31

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 38 ft

Pump placement from TOC 38 ft

Well Information:

Well ID GWC-4
Well diameter 2 in
Well Total Depth 43.41 ft
Screen Length 10 ft
Depth to Water 31.30 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.3846101 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.6 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:14:54	300.05	17.50	6.30	189.47	3.43	31.55	6.06	73.66
Last 5	13:19:54	600.03	17.19	6.23	192.43	1.79	31.59	4.93	70.27
Last 5	13:24:54	900.03	17.19	6.23	192.69	1.00	31.59	4.73	68.96
Last 5	13:29:55	1201.02	17.18	6.23	193.39	0.64	31.60	4.52	68.73
Last 5	13:34:55	1501.02	16.87	6.23	193.94	0.77	31.60	4.47	68.38
Variance 0			-0.00	-0.00	0.26			-0.19	-1.31
Variance 1			-0.01	-0.00	0.70			-0.21	-0.23
Variance 2			-0.31	-0.00	0.55			-0.05	-0.34

Notes

Sampled GWC-4 at 1335, 3-21-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 11:02:02

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 29 ft

Pump placement from TOC 29 ft

Well Information:

Well ID GWC-5
Well diameter 2 in
Well Total Depth 34.10 ft
Screen Length 10 ft
Depth to Water 19.45 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2194393 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.8 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:45:22	300.02	17.99	5.96	1256.48	0.53	19.60	3.29	45.67
Last 5	10:50:22	600.10	18.66	5.93	1242.05	0.53	19.60	3.17	50.57
Last 5	10:55:22	900.10	18.97	5.90	1240.80	0.48	19.60	3.10	54.39
Last 5	11:00:22	1200.10	19.06	5.90	1237.95	0.53	19.60	3.06	57.49
Last 5									
Variance 0			0.67	-0.02	-14.43			-0.12	4.90
Variance 1			0.31	-0.03	-1.25			-0.07	3.82
Variance 2			0.09	-0.00	-2.84			-0.04	3.10

Notes

Began purging at 1040
Stopped purging and began sampling at 1100

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 14:48:33

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 43 ft

Pump placement from TOC 43 ft

Well Information:

Well ID GWC-6
Well diameter 2 in
Well Total Depth 48.5 ft
Screen Length 10 ft
Depth to Water 39.27 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.4069272 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 0.36 in
Total Volume Pumped 6 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	14:30:09	300.09	17.99	6.22	221.13	3.26	39.30	6.63	73.93
Last 5	14:35:09	600.03	17.85	6.21	215.85	1.97	39.30	6.52	72.80
Last 5	14:40:09	900.02	17.62	6.22	212.09	1.69	39.30	6.33	72.57
Last 5	14:45:10	1201.02	17.27	6.21	210.34	1.30	39.30	6.30	73.31
Last 5									
Variance 0			-0.13	-0.01	-5.28			-0.11	-1.13
Variance 1			-0.24	0.01	-3.77			-0.20	-0.22
Variance 2			-0.35	-0.00	-1.75			-0.02	0.74

Notes

Purged at 400ml/min for 10min, then 200ml/min for 10min for exceeding 3 well volumes (5.69L). Sampled GWC-6 at 1445, 3-21-18.

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 09:48:02

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 54 ft

Pump placement from TOC 54 ft

Well Information:

Well ID GWC-7
Well diameter 2 in
Well Total Depth 58.72 ft
Screen Length 10 ft
Depth to Water 42.31 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.4560249 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.36 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	09:31:20	300.09	14.21	6.56	160.48	6.23	42.59	8.54	75.60
Last 5	09:36:20	600.07	15.35	6.43	157.65	3.00	42.59	8.11	69.07
Last 5	09:41:20	900.05	15.66	6.36	156.71	2.97	42.59	7.90	68.16
Last 5	09:46:21	1201.02	15.35	6.34	157.98	2.60	42.59	7.81	67.11
Last 5									
Variance 0			1.14	-0.13	-2.83			-0.42	-6.52
Variance 1			0.31	-0.08	-0.94			-0.21	-0.91
Variance 2			-0.31	-0.02	1.27			-0.09	-1.05

Notes

Sampled GWC-7 at 0945, 3-22-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 09:53:31

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 42 ft

Pump placement from TOC 42 ft

Well Information:

Well ID GWC-8A
Well diameter 2 in
Well Total Depth 47.50 ft
Screen Length 10 ft
Depth to Water 21.92 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.2774638 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.36 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Stabilization									
Last 5	09:31:50	300.02	16.56	7.08	330.57	0.98	22.20	0.32	21.06
Last 5	09:36:50	600.02	17.14	7.08	328.17	0.83	22.20	0.26	21.52
Last 5	09:41:50	900.02	17.29	7.06	317.55	0.71	22.20	0.22	21.37
Last 5	09:46:50	1200.02	17.14	7.05	319.30	0.65	22.20	0.20	20.52
Last 5	09:51:50	1500.02	17.68	7.05	316.92	0.63	22.20	0.21	19.78
Variance 0			0.15	-0.03	-10.62			-0.05	-0.15
Variance 1			-0.15	-0.01	1.75			-0.01	-0.85
Variance 2			0.54	-0.00	-2.38			0.00	-0.74

Notes

Began purging at 0926
Stopped purging and began sampling at 0955

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 14:03:07

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 15 ft

Pump placement from TOC 15 ft

Well Information:

Well ID GWC-9
Well diameter 2 in
Well Total Depth 20.25 ft
Screen Length 10 ft
Depth to Water 6.10 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.1569514 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 6.6 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:50:54	300.02	17.94	6.77	201.92	1.62	6.61	1.56	56.65
Last 5	13:55:54	600.02	18.48	6.76	201.46	1.61	6.64	1.53	52.18
Last 5	14:00:54	900.02	18.34	6.76	198.36	1.61	6.65	1.51	49.48
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.53	-0.00	-0.46			-0.03	-4.47
Variance 2			-0.13	-0.00	-3.10			-0.02	-2.70

Notes

Began purging at 1345
Stopped purging and began sampling at 1400

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 13:06:21

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 35 ft

Pump placement from TOC 35 ft

Well Information:

Well ID GWC-10
Well diameter 2 in
Well Total Depth 40.65 ft
Screen Length 10 ft
Depth to Water 9.50 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2462198 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.64 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:53:47	300.08	18.55	6.60	180.52	0.77	9.72	3.07	60.66
Last 5	12:58:47	600.02	18.45	6.59	179.86	0.72	9.72	2.88	56.23
Last 5	13:03:47	900.02	18.69	6.56	180.19	0.60	9.72	2.59	52.65
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.10	-0.01	-0.65			-0.19	-4.43
Variance 2			0.25	-0.02	0.33			-0.29	-3.58

Notes

Began purging at 1248
Stopped purging and began sampling at 1305

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 10:57:52

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 29 ft

Pump placement from TOC 29 ft

Well Information:

Well ID GWC-11
Well diameter 2 in
Well Total Depth 34.54 ft
Screen Length 10 ft
Depth to Water 16.54 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2194393 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.92 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:40:52	300.02	17.28	6.20	132.25	0.55	16.70	1.06	61.16
Last 5	10:45:52	600.28	17.65	6.20	131.42	0.62	16.70	1.04	54.73
Last 5	10:50:52	900.27	17.94	6.21	131.75	0.52	16.70	1.04	50.63
Last 5	10:55:52	1200.28	17.94	6.21	131.37	0.45	16.70	1.01	47.63
Last 5									
Variance 0			0.37	0.00	-0.83			-0.02	-6.44
Variance 1			0.28	0.00	0.34			0.01	-4.10
Variance 2			0.00	0.00	-0.39			-0.03	-3.00

Notes

Began purging at 1035
Stopped purging and began sampling at 1055

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 09:39:24

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 33 ft

Pump placement from TOC 33 ft

Well Information:

Well ID GWC-12
Well diameter 2 in
Well Total Depth 37.82 ft
Screen Length 10 ft
Depth to Water 23.82 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.237293 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.72 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	09:22:38	300.02	17.42	5.37	26.53	1.58	24.13	2.78	68.71
Last 5	09:27:38	600.02	17.68	5.36	26.47	1.06	24.13	2.73	63.28
Last 5	09:32:38	900.02	17.69	5.35	26.43	1.04	24.13	2.72	60.47
Last 5	09:37:38	1200.02	17.71	5.33	26.52	1.00	24.13	2.80	58.53
Last 5									
Variance 0			0.26	-0.01	-0.07			-0.04	-5.43
Variance 1			0.01	-0.01	-0.04			-0.01	-2.81
Variance 2			0.03	-0.02	0.09			0.07	-1.94

Notes

Began purging at 0917
Stopped purging and began sampling at 0940

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 11:02:20

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 39 ft

Pump placement from TOC 39 ft

Well Information:

Well ID GWC-13
Well diameter 2 in
Well Total Depth 44.15 ft
Screen Length 10 ft
Depth to Water 29.16 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.3890735 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.32 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:39:57	300.05	17.54	6.03	85.62	5.78	29.27	6.63	62.89
Last 5	10:44:57	600.03	17.56	5.88	85.72	5.24	29.27	5.74	58.70
Last 5	10:49:57	900.03	17.77	5.86	84.95	4.25	29.27	5.25	57.94
Last 5	10:54:58	1201.02	17.68	5.87	85.49	3.58	29.27	5.00	57.64
Last 5	10:59:59	1502.02	17.84	5.88	86.94	2.76	29.27	4.86	57.86
Variance 0			0.21	-0.03	-0.76			-0.49	-0.76
Variance 1			-0.10	0.01	0.54			-0.26	-0.30
Variance 2			0.17	0.01	1.45			-0.14	0.22

Notes

Sampled GWC-13 at 1100, 3-22-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 14:56:02

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-14
Well diameter 2 in
Well Total Depth 27.59 ft
Screen Length 10 ft
Depth to Water 11.10 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 0.6 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	14:39:01	300.03	21.91	5.77	71.80	1.10	11.15	0.94	63.49
Last 5	14:44:01	600.02	21.38	5.74	72.83	1.18	11.15	0.89	62.54
Last 5	14:49:01	900.02	21.17	5.74	72.20	1.10	11.15	0.85	62.30
Last 5	14:54:01	1200.02	21.28	5.73	72.98	1.12	11.15	0.82	61.44
Last 5									
Variance 0			-0.53	-0.03	1.03			-0.06	-0.95
Variance 1			-0.21	-0.00	-0.63			-0.03	-0.24
Variance 2			0.11	-0.01	0.78			-0.03	-0.86

Notes

Began purging at 1433
Stopped purging and began sampling at 1455

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 13:51:59

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 66 ft

Pump placement from TOC 66 ft

Well Information:

Well ID GWC-18
Well diameter 2 in
Well Total Depth 71.25 ft
Screen Length 10 ft
Depth to Water 35.5 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.5095859 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 5.76 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:30:21	300.04	31.22	6.59	0.00	3.62	35.80	7.12	44.20
Last 5	13:35:21	600.03	21.15	6.36	115.43	2.60	35.92	6.75	60.40
Last 5	13:40:21	900.03	20.22	6.31	117.59	2.38	35.95	6.54	58.91
Last 5	13:45:21	1200.02	20.60	6.29	117.95	1.83	35.98	6.32	58.45
Last 5	13:50:23	1502.02	20.86	6.34	116.94	2.08	35.98	6.17	57.64
Variance 0			-0.94	-0.05	2.17			-0.22	-1.49
Variance 1			0.39	-0.02	0.36			-0.22	-0.46
Variance 2			0.26	0.05	-1.01			-0.15	-0.81

Notes

Sampled GWA-18 at 1350, 3-20-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 15:13:37

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 58 ft

Pump placement from TOC 58 ft

Well Information:

Well ID GWC-19
Well diameter 2 in
Well Total Depth 62.75 ft
Screen Length 10 ft
Depth to Water 34.92 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.4738785 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 7.56 in
Total Volume Pumped 3.5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	14:40:23	300.10	25.60	6.67	123.83	2.59	35.37	6.90	75.09
Last 5	14:45:23	600.03	21.81	6.46	127.83	1.72	35.47	6.83	66.25
Last 5	14:50:23	900.02	21.02	6.42	129.00	1.29	35.52	6.77	65.49
Last 5	14:55:28	1205.02	21.33	6.41	128.06	1.27	35.53	6.55	66.64
Last 5	15:10:29	2106.00	21.42	6.37	126.77	1.67	35.55	6.44	66.70
Variance 0			-0.80	-0.04	1.17			-0.06	-0.76
Variance 1			0.31	-0.01	-0.94			-0.22	1.15
Variance 2			0.09	-0.04	-1.29			-0.10	0.06

Notes

Sampled GWC-19 at 1510, 3-20-18. Insitu skipped readings at 1500 and 1505. NTU and DTW were stable.

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 10:32:30

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 68 ft

Pump placement from TOC 68 ft

Well Information:

Well ID GWA-20
Well diameter 2 in
Well Total Depth 72.70 ft
Screen Length 10 ft
Depth to Water 42.86 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.5185128 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.8 in
Total Volume Pumped 7.8 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:11:06	2704.00	14.61	6.50	144.04	5.48	43.01	7.45	60.58
Last 5	10:16:06	3004.00	14.71	6.50	144.86	6.30	43.01	7.52	60.36
Last 5	10:21:06	3303.99	14.99	6.51	144.49	5.38	43.01	7.49	59.82
Last 5	10:26:06	3603.99	15.14	6.50	144.13	5.14	43.01	7.46	59.77
Last 5	10:31:07	3904.98	14.94	6.50	143.97	4.25	43.01	7.49	59.99
Variance 0			0.27	0.01	-0.37			-0.03	-0.54
Variance 1			0.15	-0.01	-0.36			-0.03	-0.05
Variance 2			-0.19	-0.00	-0.17			0.03	0.22

Notes

Sampled GWC-20 at 1030, 3-21-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 14:13:07

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 365491
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter 0.170 in
Tubing Length 15 ft

Pump placement from TOC 15 ft

Well Information:

Well ID GWA-21
Well diameter 2 in
Well Total Depth 20.6 ft
Screen Length 10 ft
Depth to Water 5.25 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.1569514 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:51:25	300.04	14.39	5.85	121.29	1.02	5.49	1.45	-59.89
Last 5	13:56:25	600.02	14.80	5.76	120.13	0.56	5.50	1.40	-63.15
Last 5	14:01:25	900.03	14.85	5.74	119.52	0.79	5.50	1.40	-63.47
Last 5	14:06:25	1200.02	14.76	5.74	119.67	0.51	5.50	1.46	-62.56
Last 5	14:11:25	1500.02	14.76	5.76	119.17	1.35	5.50	1.49	-62.17
Variance 0			0.04	-0.01	-0.61			-0.00	-0.32
Variance 1			-0.09	-0.00	0.16			0.06	0.92
Variance 2			0.00	0.01	-0.50			0.04	0.39

Notes

Sampled at 1415

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 10:50:26

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 365491
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter 0.170 in
Tubing Length 37 ft

Pump placement from TOC 37 ft

Well Information:

Well ID GWA-22
Well diameter 2 in
Well Total Depth 42.5 ft
Screen Length 10 ft
Depth to Water 25.05 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.2551467 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.6 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:28:54	300.13	12.97	6.60	99.00	1.01	25.32	5.37	-36.14
Last 5	10:33:54	600.03	14.12	6.22	95.68	1.01	25.35	5.04	-42.57
Last 5	10:38:54	900.03	14.49	6.13	95.75	0.62	25.35	4.95	-41.10
Last 5	10:43:54	1200.02	14.71	6.09	94.61	0.56	25.35	4.98	-40.34
Last 5	10:48:54	1500.01	14.87	6.06	92.78	0.64	25.35	5.01	-39.38
Variance 0			0.36	-0.10	0.07			-0.09	1.47
Variance 1			0.22	-0.04	-1.14			0.02	0.76
Variance 2			0.16	-0.03	-1.83			0.04	0.95

Notes

Sampled at 1050

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 14:27:23

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 31 ft

Pump placement from TOC 31 ft

Well Information:

Well ID GWA-45
Well diameter 2 in
Well Total Depth 36.0 ft
Screen Length 10 ft
Depth to Water 14.30 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.2283661 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 9 in
Total Volume Pumped 4.8 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Stabilization									
Last 5	14:05:14	600.02	20.70	6.15	421.74	9.60	15.05	0.37	45.57
Last 5	14:10:14	900.02	20.88	6.16	419.36	7.04	15.05	0.44	45.57
Last 5	14:15:14	1200.02	20.70	6.17	418.73	6.14	15.05	0.47	46.04
Last 5	14:20:14	1500.01	20.75	6.19	414.96	4.18	15.05	0.53	45.56
Last 5	14:25:14	1800.01	20.82	6.20	416.71	3.26	15.05	0.57	45.38
Variance 0			-0.18	0.01	-0.63			0.03	0.48
Variance 1			0.05	0.02	-3.76			0.06	-0.48
Variance 2			0.07	0.01	1.75			0.04	-0.18

Notes

Began purging at 1355
Stopped purging and began sampling at 1425

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 10:16:25

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 42 ft

Pump placement from TOC 42 ft

Well Information:

Well ID GWA-46
Well diameter 2 in
Well Total Depth 47 ft
Screen Length 10 ft
Depth to Water 32.61 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.4024638 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.28 in
Total Volume Pumped 3.5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	09:54:17	900.02	17.17	5.96	82.77	4.54	32.80	4.17	67.77
Last 5	09:59:18	1201.02	17.28	5.91	80.69	4.08	32.80	3.82	65.01
Last 5	10:04:20	1503.02	16.96	5.90	80.48	3.91	32.80	3.65	63.49
Last 5	10:09:20	1803.01	17.36	5.89	79.19	3.67	32.80	3.46	61.77
Last 5	10:14:20	2103.01	17.63	5.89	79.19	3.25	32.80	3.32	61.44
Variance 0			-0.31	-0.01	-0.21			-0.17	-1.52
Variance 1			0.40	-0.01	-1.29			-0.19	-1.72
Variance 2			0.27	0.00	-0.00			-0.14	-0.33

Notes

Sampled GWA-46 at 1015, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 15:28:46

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 52 ft

Pump placement from TOC 52 ft

Well Information:

Well ID GWA-47
Well diameter 2 in
Well Total Depth 56.55 ft
Screen Length 10 ft
Depth to Water 41.47 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.447098 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 12.12 in
Total Volume Pumped 23.25 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	15:15:09	300.09	19.63	6.44	118.50	5.14	42.48	3.47	57.27
Last 5	15:20:09	600.03	19.41	6.45	117.68	5.08	42.48	3.47	57.44
Last 5	15:25:09	900.02	19.24	6.46	117.62	4.14	42.48	3.48	57.18
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.22	0.00	-0.81			0.00	0.17
Variance 2			-0.18	0.01	-0.06			0.01	-0.26

Notes

Initial purge began at 1250 with 150ml/min Pump Rate. iPad overheated at 1505. Resume lowflow at 1510.

Initial purge began at 1250 at 150ml/min. iPad froze due to heat at 1505 and cancelled program/deleted data. Resumed lowflow at 1510. Sampled GWA-47 at 1525.

Grab Samples



Product Name: Low-Flow System

Date: 2018-03-23 09:53:54

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type QED Well Wizard
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 68.6 ft

Pump placement from TOC 68.6 ft

Well Information:

Well ID GWA-48
Well diameter 2 in
Well Total Depth 73.92 ft
Screen Length 10 ft
Depth to Water 39.6 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.7911908 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 11.16 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	09:32:41	600.30	17.81	6.88	135.14	1.37	40.43	4.15	66.57
Last 5	09:37:41	900.30	18.05	6.90	134.57	1.13	40.53	4.20	58.92
Last 5	09:42:41	1200.30	18.81	6.89	134.67	1.17	40.53	4.18	54.67
Last 5	09:47:41	1500.30	19.04	6.90	134.31	0.86	40.53	4.11	51.63
Last 5	09:52:41	1800.30	19.43	6.92	133.62	1.09	40.53	4.10	51.00
Variance 0			0.76	-0.01	0.10			-0.02	-4.25
Variance 1			0.23	0.01	-0.36			-0.07	-3.05
Variance 2			0.39	0.01	-0.69			-0.01	-0.63

Notes

Began purging at 0922
Stopped purging and began sampling at 0955

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 15:28:05

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 36 ft

Pump placement from TOC 36 ft

Well Information:

Well ID GWA-49
Well diameter 2 in
Well Total Depth 41.0 ft
Screen Length 10 ft
Depth to Water 11.32 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2506832 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 9.36 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	15:15:02	300.02	21.85	7.00	144.65	1.83	12.10	6.27	44.54
Last 5	15:20:02	600.02	21.54	7.00	143.95	2.14	12.10	6.46	44.18
Last 5	15:25:02	900.02	21.06	7.00	145.95	1.76	12.10	6.49	43.19
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.30	-0.00	-0.70			0.18	-0.35
Variance 2			-0.48	0.00	2.00			0.04	-0.99

Notes

Began purging at 1510
Stopped purging and began sampling at 1525

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 15:14:19

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 365491
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter 0.170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-29
Well diameter 2 in
Well Total Depth 27.0 ft
Screen Length 10 ft
Depth to Water 5.32 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.68 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	14:52:42	300.04	14.43	5.96	117.83	1.09	5.44	0.39	-40.74
Last 5	14:57:42	600.03	14.73	5.92	116.78	0.98	5.46	0.24	-46.49
Last 5	15:02:42	900.03	14.98	5.91	116.59	0.63	5.46	0.20	-47.75
Last 5	15:07:42	1200.02	15.01	5.91	117.10	0.64	5.46	0.19	-48.32
Last 5	15:12:42	1500.02	14.97	5.91	117.03	0.60	5.46	0.17	-48.19
Variance 0			0.25	-0.01	-0.19			-0.04	-1.26
Variance 1			0.03	-0.00	0.50			-0.01	-0.57
Variance 2			-0.04	0.00	-0.07			-0.01	0.12

Notes

Sampled at 1515

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 11:12:32

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 31 ft

Pump placement from TOC 31 ft

Well Information:

Well ID GWC-50
Well diameter 2 in
Well Total Depth 36.30 ft
Screen Length 10 ft
Depth to Water 8.56 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2283661 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4.8 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Stabilization									
Last 5	10:50:03	300.02	18.97	5.99	88.65	0.74	8.94	0.54	56.16
Last 5	10:55:03	600.02	18.92	5.98	89.15	0.71	8.94	0.52	50.46
Last 5	11:00:03	900.02	19.28	5.98	88.59	0.62	8.95	0.49	46.45
Last 5	11:10:04	1500.67	19.51	5.98	88.10	0.68	8.96	0.61	41.87
Last 5									
Variance 0			-0.04	-0.01	0.50			-0.02	-5.70
Variance 1			0.36	0.00	-0.56			-0.03	-4.01
Variance 2			0.22	-0.00	-0.49			0.12	-4.59

Notes

Began purging at 1045
Stopped purging and began sampling at 1110

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 10:48:59

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-51
Well diameter 2 in
Well Total Depth 26.8 ft
Screen Length 10 ft
Depth to Water 8.45 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.4 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:31:21	300.08	18.83	6.04	94.82	2.44	8.65	0.22	78.43
Last 5	10:36:21	600.02	19.33	6.02	92.85	1.27	8.65	0.16	75.44
Last 5	10:41:22	900.69	19.95	5.99	91.95	1.88	8.65	0.14	77.54
Last 5	10:46:22	1200.73	20.21	5.98	91.24	1.45	8.65	0.11	82.59
Last 5									
Variance 0			0.50	-0.02	-1.97			-0.05	-2.98
Variance 1			0.62	-0.03	-0.90			-0.02	2.10
Variance 2			0.26	-0.01	-0.71			-0.03	5.05

Notes

Began purging at 1026
Stopped purging and began sampling at 1050

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 12:04:35

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 28 ft

Pump placement from TOC 28 ft

Well Information:

Well ID GWC-52
Well diameter 2 in
Well Total Depth 32.8 ft
Screen Length 10 ft
Depth to Water 9.02 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2149758 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.68 in
Total Volume Pumped 4.5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	11:41:55	600.02	18.91	6.78	176.63	0.64	9.16	0.68	58.94
Last 5	11:46:55	900.02	19.13	6.77	176.60	0.67	9.16	0.46	54.50
Last 5	11:51:55	1200.02	19.41	6.77	175.28	0.73	9.16	0.35	51.22
Last 5	11:56:55	1500.02	18.97	6.77	177.83	0.64	9.16	0.34	48.52
Last 5	12:01:55	1800.02	19.01	6.77	178.35	0.48	9.16	0.28	46.54
Variance 0			0.29	-0.00	-1.31			-0.11	-3.28
Variance 1			-0.44	0.00	2.55			-0.02	-2.70
Variance 2			0.03	0.00	0.52			-0.05	-1.98

Notes

Began purging at 1131
Stopped purging and began sampling at 1205

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 14:13:17

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 28 ft

Pump placement from TOC 28 ft

Well Information:

Well ID GWC-53
Well diameter 2 in
Well Total Depth 32.8 ft
Screen Length 10 ft
Depth to Water 10.30 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2149758 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.12 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:56:26	300.66	17.56	5.81	421.32	1.22	10.56	0.51	84.50
Last 5	14:01:26	600.66	17.81	5.81	419.01	1.05	10.56	0.47	80.33
Last 5	14:06:26	900.66	17.76	5.80	421.22	0.88	10.56	0.44	77.09
Last 5	14:11:26	1200.66	17.76	5.78	421.99	0.78	10.56	0.37	73.97
Last 5									
Variance 0			0.25	-0.00	-2.31			-0.04	-4.17
Variance 1			-0.04	-0.01	2.21			-0.03	-3.25
Variance 2			-0.01	-0.01	0.77			-0.07	-3.12

Notes

Began purging at 1351
Stopped purging and began sampling at 1415

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 10:54:51

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft

Pump placement from TOC ft

Well Information:

Well ID SWA-1
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:53:11	30.07	14.53	6.62	414.16	13.80	--	10.04	154.83
Last 5	10:53:41	60.04	14.45	6.68	415.73	13.80	--	10.08	152.41
Last 5	10:54:11	90.04	14.40	6.73	417.53	13.80	--	10.11	151.92
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.09	0.07	1.57			0.04	-2.42
Variance 2			-0.05	0.05	1.80			0.03	-0.49

Notes

Sampled SWA-1 at 1045, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 12:45:55

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft

Pump placement from TOC ft

Well Information:

Well ID SWA-2
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:44:52	30.09	15.37	6.76	541.78	4.53	--	9.29	72.80
Last 5									
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWA-2 at 1245, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 12:33:54

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft

Pump placement from TOC ft

Well Information:

Well ID SWA-3
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:32:29	30.09	14.27	6.95	319.25	4.32	--	10.17	87.55
Last 5									
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWC-3 at 1230, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 11:09:19

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft

Pump placement from TOC ft

Well Information:

Well ID SWC-4
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	11:08:25	30.05	12.35	7.07	325.09	9.40	--	10.03	112.13
Last 5									
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWC-4 at 1105, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 11:20:41

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft

Pump placement from TOC ft

Well Information:

Well ID SWC-5
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	11:19:46	30.05	13.95	6.93	358.38	2.76	--	8.63	108.53
Last 5									
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWC-5 at 1120, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 11:52:53

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft

Pump placement from TOC ft

Well Information:

Well ID SWC-6
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	11:51:56	30.04	12.48	7.34	146.83	11.10	--	9.94	86.26
Last 5									
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWC-6 at 1145, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 12:02:15

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft

Pump placement from TOC ft

Well Information:

Well ID SWC-7
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:01:19	30.06	11.79	7.27	281.17	10.94	--	10.43	94.60
Last 5									
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

SWC-7 sampled 1135, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 12:18:52

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft

Pump placement from TOC ft

Well Information:

Well ID SWC-8
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:18:06	30.09	13.40	7.12	396.98	5.64	--	9.89	86.70
Last 5									
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWC-8 at 1215, 3-23-18

Grab Samples

ANALYTICAL LABORATORY REPORTS & FIELD DATA FORMS

October 2018

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-159951-1

TestAmerica Sample Delivery Group: Cell 1

Client Project/Site: CCR - Plant Scherer

For:

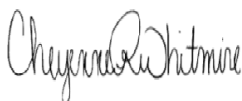
Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

10/29/2018 5:44:04 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Job ID: 400-159951-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-159951-1

HPLC/IC

Method(s) 300.0: The laboratory control sample (LCS) for analytical batch 415154 recovered outside control limits for the following analytes: Fluoride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 300.0: The laboratory control sample duplicate (LCSD) for analytical batch 415319 recovered outside control limits for the following analytes: Fluoride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 300.0: The laboratory control sample duplicate (LCSD) for analytical batch 415375 recovered outside control limits for the following analytes: Fluoride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: GWC-5 (400-159951-18) and FD-2(LF) (400-159951-19). Elevated reporting limits (RLs) are provided.

Metals

Method(s) 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 414650 and analytical batch 415199 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 7470A: The method blank for preparation batch 414998 and analytical batch 415199 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

Method(s) 7470A: The method blank for preparation batch 414650 and analytical batch 415199 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

Method(s) 7470A: The matrix spike duplicate (MSD) recoveries for preparation batch 415172 and analytical batch 415762 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

General Chemistry

Method(s) SM 2540C: The sample duplicate (DUP) precision for analytical batch 414372 was outside control limits. Sample non-homogeneity is suspected.

Method(s) SM 2540C: The following sample was analyzed outside of analytical holding time due to analyst oversight. GWC-8A (400-159951-31). Client notified and will be resampling.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-1

Lab Sample ID: 400-159951-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	3.7		1.0	0.89	mg/L	1			300.0	Total/NA
Fluoride	0.089	J	0.20	0.082	mg/L	1			300.0	Total/NA
Barium	0.043		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.014		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	16		0.25	0.13	mg/L	5			6020	Total Recoverable
Vanadium	0.017		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Mercury	0.000072	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	140		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-2

Lab Sample ID: 400-159951-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.044		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.010		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	16		0.25	0.13	mg/L	5			6020	Total Recoverable
Vanadium	0.015		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	140		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-9

Lab Sample ID: 400-159951-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate	8.2		1.0	0.70	mg/L	1			300.0	Total/NA
Barium	0.023		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Boron	0.083		0.050	0.021	mg/L	5			6020	Total Recoverable
Chromium	0.0081		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	16		0.25	0.13	mg/L	5			6020	Total Recoverable
Vanadium	0.021		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Mercury	0.000081	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	34		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-10

Lab Sample ID: 400-159951-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2.6		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate	1.2		1.0	0.70	mg/L	1			300.0	Total/NA
Barium	0.029		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.018		0.0025	0.0011	mg/L	5			6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-10 (Continued)

Lab Sample ID: 400-159951-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	17		0.25	0.13	mg/L	5		6020	Total Recoverable
Nickel	0.0018	J	0.0025	0.0018	mg/L	5		6020	Total Recoverable
Vanadium	0.012		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000082	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	150		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-11

Lab Sample ID: 400-159951-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.016		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0075		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	12		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.010		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Zinc	0.022		0.020	0.0065	mg/L	5		6020	Total Recoverable
Mercury	0.000084	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	120		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-12

Lab Sample ID: 400-159951-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.016		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0012	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	0.86		0.25	0.13	mg/L	5		6020	Total Recoverable
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	38		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-14

Lab Sample ID: 400-159951-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.0		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.0096		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	6.5		0.25	0.13	mg/L	5		6020	Total Recoverable
Mercury	0.000086	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	40		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-1(LF)

Lab Sample ID: 400-159951-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000077	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-15

Lab Sample ID: 400-159951-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	6.3		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.0099		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Calcium	4.2		0.25	0.13	mg/L	5			6020	Total Recoverable
Cobalt	0.0011	J	0.0025	0.00040	mg/L	5			6020	Total Recoverable
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	48		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: FD-1(LF)

Lab Sample ID: 400-159951-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	6.4		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.010		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Calcium	4.2		0.25	0.13	mg/L	5			6020	Total Recoverable
Cobalt	0.0012	J	0.0025	0.00040	mg/L	5			6020	Total Recoverable
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	52		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWA-16

Lab Sample ID: 400-159951-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.023		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0043		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	11		0.25	0.13	mg/L	5			6020	Total Recoverable
Vanadium	0.0069		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	110		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: FB-1(LF)

Lab Sample ID: 400-159951-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Mercury	0.000081	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA

Client Sample ID: GWA-17

Lab Sample ID: 400-159951-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1.5		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.027		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0061		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	5.8		0.25	0.13	mg/L	5			6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-17 (Continued)

Lab Sample ID: 400-159951-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.0040		0.0025	0.0014	mg/L	5		6020	Total
Mercury	0.000078	J B	0.00020	0.000070	mg/L	1		7470A	Recoverable
Total Dissolved Solids	90		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-18

Lab Sample ID: 400-159951-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.5		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.032		0.0025	0.00049	mg/L	5		6020	Total
Chromium	0.014		0.0025	0.0011	mg/L	5		6020	Recoverable
Calcium	9.6		0.25	0.13	mg/L	5		6020	Total
Vanadium	0.0064		0.0025	0.0014	mg/L	5		6020	Recoverable
Mercury	0.000077	J B	0.00020	0.000070	mg/L	1		7470A	Total
Total Dissolved Solids	100		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-19

Lab Sample ID: 400-159951-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.018		0.0025	0.00049	mg/L	5		6020	Total
Chromium	0.0097		0.0025	0.0011	mg/L	5		6020	Recoverable
Calcium	11		0.25	0.13	mg/L	5		6020	Total
Vanadium	0.0073		0.0025	0.0014	mg/L	5		6020	Recoverable
Mercury	0.000081	J B	0.00020	0.000070	mg/L	1		7470A	Total
Total Dissolved Solids	130		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-3

Lab Sample ID: 400-159951-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.5		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.016		0.0025	0.00049	mg/L	5		6020	Total
Chromium	0.0081		0.0025	0.0011	mg/L	5		6020	Recoverable
Calcium	7.5		0.25	0.13	mg/L	5		6020	Total
Lead	0.00037	J	0.0013	0.00035	mg/L	5		6020	Recoverable
Nickel	0.0018	J	0.0025	0.0018	mg/L	5		6020	Total
Vanadium	0.0053		0.0025	0.0014	mg/L	5		6020	Recoverable
Mercury	0.000078	J B	0.00020	0.000070	mg/L	1		7470A	Total
Total Dissolved Solids	60		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-4

Lab Sample ID: 400-159951-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	13		1.0	0.89	mg/L	1			300.0	Total/NA
Fluoride	0.10	J *	0.20	0.082	mg/L	1			300.0	Total/NA
Sulfate	2.9		1.0	0.70	mg/L	1			300.0	Total/NA
Barium	0.042		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0039		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	13		0.25	0.13	mg/L	5			6020	Total Recoverable
Vanadium	0.0060		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Mercury	0.000080	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	120		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-5

Lab Sample ID: 400-159951-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	46		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate - DL	270		10	7.0	mg/L	10			300.0	Total/NA
Barium	0.036		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Boron	0.47		0.050	0.021	mg/L	5			6020	Total Recoverable
Chromium	0.0030		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	88		0.25	0.13	mg/L	5			6020	Total Recoverable
Selenium	0.021		0.0013	0.00024	mg/L	5			6020	Total Recoverable
Vanadium	0.0018	J	0.0025	0.0014	mg/L	5			6020	Total Recoverable
Mercury	0.000081	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	620		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: FD-2(LF)

Lab Sample ID: 400-159951-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	46		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate - DL	290		10	7.0	mg/L	10			300.0	Total/NA
Barium	0.035		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Boron	0.47		0.050	0.021	mg/L	5			6020	Total Recoverable
Chromium	0.0029		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	88		0.25	0.13	mg/L	5			6020	Total Recoverable
Selenium	0.022		0.0013	0.00024	mg/L	5			6020	Total Recoverable
Vanadium	0.0016	J	0.0025	0.0014	mg/L	5			6020	Total Recoverable
Mercury	0.000081	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	670		5.0	3.4	mg/L	1			SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-6

Lab Sample ID: 400-159951-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	5.7		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate	10		1.0	0.70	mg/L	1			300.0	Total/NA
Barium	0.051		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0042		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	16		0.25	0.13	mg/L	5			6020	Total Recoverable
Selenium	0.00056	J	0.0013	0.00024	mg/L	5			6020	Total Recoverable
Vanadium	0.0081		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Mercury	0.000077	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	120		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWC-13

Lab Sample ID: 400-159951-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1.5		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.030		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0056		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	6.4		0.25	0.13	mg/L	5			6020	Total Recoverable
Mercury	0.000085	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	22		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: EB-2(LF)

Lab Sample ID: 400-159951-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Mercury	0.000085	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA

Client Sample ID: GWC-20

Lab Sample ID: 400-159951-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.028		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0091		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	13		0.25	0.13	mg/L	5			6020	Total Recoverable
Vanadium	0.017		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Mercury	0.000083	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	130		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: FB-2(LF)

Lab Sample ID: 400-159951-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Mercury	0.000079	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-7

Lab Sample ID: 400-159951-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.031		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0083		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	13		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.012		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000089	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	110		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-8A

Lab Sample ID: 400-159951-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.1		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.14	J *	0.20	0.082	mg/L	1		300.0	Total/NA
Sulfate	30		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.012		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Boron	0.21		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	37		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00048	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	180	H	5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-8A

Lab Sample ID: 400-159951-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	170		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-159951-1	GWC-1	Water	10/02/18 11:25	10/05/18 08:46
400-159951-2	GWC-2	Water	10/02/18 14:10	10/05/18 08:46
400-159951-3	GWC-9	Water	10/02/18 15:30	10/05/18 08:46
400-159951-4	GWC-10	Water	10/02/18 14:10	10/05/18 08:46
400-159951-5	GWC-11	Water	10/02/18 11:35	10/05/18 08:46
400-159951-6	GWC-12	Water	10/02/18 09:30	10/05/18 08:46
400-159951-7	GWC-14	Water	10/02/18 15:20	10/05/18 08:46
400-159951-8	EB-1(LF)	Water	10/02/18 16:15	10/05/18 08:46
400-159951-9	GWA-15	Water	10/02/18 09:35	10/05/18 08:46
400-159951-10	FD-1(LF)	Water	10/02/18 00:00	10/05/18 08:46
400-159951-11	GWA-16	Water	10/02/18 09:30	10/05/18 08:46
400-159951-12	FB-1(LF)	Water	10/02/18 09:40	10/05/18 08:46
400-159951-13	GWA-17	Water	10/02/18 10:40	10/05/18 08:46
400-159951-14	GWC-18	Water	10/02/18 12:10	10/05/18 08:46
400-159951-15	GWC-19	Water	10/02/18 13:30	10/05/18 08:46
400-159951-16	GWC-3	Water	10/03/18 09:05	10/05/18 08:46
400-159951-17	GWC-4	Water	10/03/18 10:35	10/05/18 08:46
400-159951-18	GWC-5	Water	10/03/18 09:15	10/05/18 08:46
400-159951-19	FD-2(LF)	Water	10/03/18 00:00	10/05/18 08:46
400-159951-20	GWC-6	Water	10/03/18 10:10	10/05/18 08:46
400-159951-21	GWC-13	Water	10/03/18 12:35	10/05/18 08:46
400-159951-22	EB-2(LF)	Water	10/03/18 13:25	10/05/18 08:46
400-159951-23	GWC-20	Water	10/03/18 09:30	10/05/18 08:46
400-159951-24	FB-2(LF)	Water	10/03/18 10:20	10/05/18 08:46
400-159951-30	GWC-7	Water	10/04/18 09:30	10/06/18 08:31
400-159951-31	GWC-8A	Water	10/04/18 14:10	10/06/18 08:31
400-159951-32	GWC-8A	Water	10/17/18 11:15	10/19/18 09:04

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-1
Date Collected: 10/02/18 11:25
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-1
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.7		1.0	0.89	mg/L			10/12/18 01:47	1
Fluoride	0.089	J	0.20	0.082	mg/L			10/12/18 01:47	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 01:47	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 19:54	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 19:54	5
Barium	0.043		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 19:54	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 19:54	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 19:54	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 19:54	5
Chromium	0.014		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 19:54	5
Calcium	16		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 19:54	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 19:54	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 19:54	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 19:54	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 19:54	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 19:54	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 19:54	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 19:54	5
Vanadium	0.017		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 19:54	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 19:54	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000072	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 12:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		5.0	3.4	mg/L			10/05/18 18:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-2
Date Collected: 10/02/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-2
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.89	mg/L			10/12/18 02:10	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 02:10	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 02:10	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 19:59	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 19:59	5
Barium	0.044		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 19:59	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 19:59	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 19:59	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 19:59	5
Chromium	0.010		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 19:59	5
Calcium	16		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 19:59	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 19:59	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 19:59	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 19:59	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 19:59	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 19:59	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 19:59	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 19:59	5
Vanadium	0.015		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 19:59	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 19:59	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		5.0	3.4	mg/L			10/05/18 18:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-9
Date Collected: 10/02/18 15:30
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-3
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.89	mg/L			10/12/18 02:32	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 02:32	1
Sulfate	8.2		1.0	0.70	mg/L			10/12/18 02:32	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 20:43	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 20:43	5
Barium	0.023		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 20:43	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:43	5
Boron	0.083		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 20:43	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:43	5
Chromium	0.0081		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 20:43	5
Calcium	16		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 20:43	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 20:43	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 20:43	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 20:43	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 20:43	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 20:43	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 20:43	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 20:43	5
Vanadium	0.021		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 20:43	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 20:43	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000081	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	34		5.0	3.4	mg/L			10/05/18 18:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-10
Date Collected: 10/02/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-4
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.6		1.0	0.89	mg/L			10/12/18 03:41	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 03:41	1
Sulfate	1.2		1.0	0.70	mg/L			10/12/18 03:41	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 20:48	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 20:48	5
Barium	0.029		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 20:48	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:48	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 20:48	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:48	5
Chromium	0.018		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 20:48	5
Calcium	17		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 20:48	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 20:48	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 20:48	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 20:48	5
Nickel	0.0018	J	0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 20:48	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 20:48	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 20:48	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 20:48	5
Vanadium	0.012		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 20:48	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 20:48	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000082	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	150		5.0	3.4	mg/L			10/05/18 18:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-11
Date Collected: 10/02/18 11:35
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-5
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.89	mg/L			10/12/18 04:04	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 04:04	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 04:04	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 20:52	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 20:52	5
Barium	0.016		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 20:52	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:52	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 20:52	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:52	5
Chromium	0.0075		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 20:52	5
Calcium	12		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 20:52	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 20:52	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 20:52	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 20:52	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 20:52	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 20:52	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 20:52	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 20:52	5
Vanadium	0.010		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 20:52	5
Zinc	0.022		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 20:52	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000084	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-12
Date Collected: 10/02/18 09:30
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-6
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			10/12/18 04:26	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 04:26	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 04:26	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 20:57	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 20:57	5
Barium	0.016		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 20:57	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:57	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 20:57	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:57	5
Chromium	0.0012	J	0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 20:57	5
Calcium	0.86		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 20:57	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 20:57	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 20:57	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 20:57	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 20:57	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 20:57	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 20:57	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 20:57	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 20:57	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 20:57	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	38		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-14
Date Collected: 10/02/18 15:20
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-7
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	0.89	mg/L			10/12/18 04:49	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 04:49	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 04:49	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:01	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:01	5
Barium	0.0096		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:01	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:01	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:01	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:01	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:01	5
Calcium	6.5		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:01	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:01	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:01	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:01	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:01	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:01	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:01	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:01	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:01	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:01	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000086	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	40		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: EB-1(LF)

Date Collected: 10/02/18 16:15

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-8

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/12/18 05:12	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 05:12	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 05:12	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:06	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:06	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:06	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:06	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:06	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:06	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:06	5
Calcium	<0.13		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:06	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:06	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:06	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:06	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:06	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:06	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:06	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:06	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:06	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:06	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000077	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-15
Date Collected: 10/02/18 09:35
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-9
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.3		1.0	0.89	mg/L			10/12/18 05:35	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 05:35	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 05:35	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:10	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:10	5
Barium	0.0099		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:10	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:10	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:10	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:10	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:10	5
Calcium	4.2		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:10	5
Cobalt	0.0011	J	0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:10	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:10	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:10	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:10	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:10	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:10	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:10	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:10	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:10	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	48		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: FD-1(LF)

Date Collected: 10/02/18 00:00

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-10

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.4		1.0	0.89	mg/L			10/13/18 01:00	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 01:00	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 01:00	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:15	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:15	5
Barium	0.010		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:15	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:15	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:15	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:15	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:15	5
Calcium	4.2		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:15	5
Cobalt	0.0012	J	0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:15	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:15	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:15	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:15	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:15	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:15	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:15	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:15	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:15	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	52		5.0	3.4	mg/L			10/05/18 18:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-16
Date Collected: 10/02/18 09:30
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-11
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			10/12/18 16:14	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 16:14	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 16:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:19	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:19	5
Barium	0.023		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:19	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:19	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:19	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:19	5
Chromium	0.0043		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:19	5
Calcium	11		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:19	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:19	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:19	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:19	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:19	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:19	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:19	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:19	5
Vanadium	0.0069		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:19	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:19	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: FB-1(LF)

Date Collected: 10/02/18 09:40

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-12

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/12/18 16:37	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 16:37	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 16:37	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:24	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:24	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:24	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:24	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:24	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:24	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:24	5
Calcium	<0.13		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:24	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:24	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:24	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:24	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:24	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:24	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:24	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:24	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:24	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:24	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000081	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-17
Date Collected: 10/02/18 10:40
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-13
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.89	mg/L			10/12/18 17:46	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 17:46	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 17:46	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:51	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:51	5
Barium	0.027		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:51	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:51	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:51	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:51	5
Chromium	0.0061		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:51	5
Calcium	5.8		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:51	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:51	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:51	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:51	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:51	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:51	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:51	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:51	5
Vanadium	0.0040		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:51	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:51	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000078	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	90		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-18
Date Collected: 10/02/18 12:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-14
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	0.89	mg/L			10/13/18 04:25	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 04:25	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 04:25	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:55	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:55	5
Barium	0.032		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:55	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:55	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:55	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:55	5
Chromium	0.014		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:55	5
Calcium	9.6		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:55	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:55	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:55	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:55	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:55	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:55	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:55	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:55	5
Vanadium	0.0064		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:55	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:55	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000077	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-19
Date Collected: 10/02/18 13:30
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-15
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.89	mg/L			10/12/18 18:31	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 18:31	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 18:31	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 22:00	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 22:00	5
Barium	0.018		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 22:00	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:00	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 22:00	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:00	5
Chromium	0.0097		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 22:00	5
Calcium	11		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 22:00	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 22:00	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 22:00	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 22:00	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 22:00	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 22:00	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 22:00	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 22:00	5
Vanadium	0.0073		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 22:00	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 22:00	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000081	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	130		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-3
Date Collected: 10/03/18 09:05
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-16
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.5		1.0	0.89	mg/L			10/12/18 18:54	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 18:54	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 18:54	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 22:04	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 22:04	5
Barium	0.016		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 22:04	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:04	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 22:04	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:04	5
Chromium	0.0081		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 22:04	5
Calcium	7.5		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 22:04	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 22:04	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 22:04	5
Lead	0.00037	J	0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 22:04	5
Nickel	0.0018	J	0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 22:04	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 22:04	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 22:04	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 22:04	5
Vanadium	0.0053		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 22:04	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 22:04	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000078	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	60		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-4
Date Collected: 10/03/18 10:35
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-17
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.89	mg/L			10/12/18 19:17	1
Fluoride	0.10	J *	0.20	0.082	mg/L			10/12/18 19:17	1
Sulfate	2.9		1.0	0.70	mg/L			10/12/18 19:17	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 22:09	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 22:09	5
Barium	0.042		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 22:09	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:09	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 22:09	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:09	5
Chromium	0.0039		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 22:09	5
Calcium	13		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 22:09	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 22:09	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 22:09	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 22:09	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 22:09	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 22:09	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 22:09	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 22:09	5
Vanadium	0.0060		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 22:09	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 22:09	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000080	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-5
Date Collected: 10/03/18 09:15
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-18
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46		1.0	0.89	mg/L			10/12/18 20:26	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 20:26	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	270		10	7.0	mg/L			10/14/18 06:11	10

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 22:13	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 22:13	5
Barium	0.036		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 22:13	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:13	5
Boron	0.47		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 22:13	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:13	5
Chromium	0.0030		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 22:13	5
Calcium	88		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 22:13	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 22:13	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 22:13	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 22:13	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 22:13	5
Selenium	0.021		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 22:13	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 22:13	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 22:13	5
Vanadium	0.0018	J	0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 22:13	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 22:13	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000081	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	620		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: FD-2(LF)

Date Collected: 10/03/18 00:00

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-19

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46		1.0	0.89	mg/L			10/12/18 22:20	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 22:20	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	290		10	7.0	mg/L			10/14/18 06:33	10

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 22:31	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 22:31	5
Barium	0.035		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 22:31	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:31	5
Boron	0.47		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 22:31	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:31	5
Chromium	0.0029		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 22:31	5
Calcium	88		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 22:31	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 22:31	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 22:31	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 22:31	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 22:31	5
Selenium	0.022		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 22:31	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 22:31	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 22:31	5
Vanadium	0.0016	J	0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 22:31	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 22:31	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000081	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	670		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-6
Date Collected: 10/03/18 10:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-20
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.7		1.0	0.89	mg/L			10/12/18 22:43	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 22:43	1
Sulfate	10		1.0	0.70	mg/L			10/12/18 22:43	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:16	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:16	5
Barium	0.051		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:16	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:16	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:16	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:16	5
Chromium	0.0042		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:16	5
Calcium	16		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:16	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:16	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:16	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:16	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:16	5
Selenium	0.00056	J	0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:16	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:16	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:16	5
Vanadium	0.0081		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:16	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:16	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000077	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-13
Date Collected: 10/03/18 12:35
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-21
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.89	mg/L			10/12/18 23:05	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 23:05	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 23:05	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:20	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:20	5
Barium	0.030		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:20	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:20	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:20	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:20	5
Chromium	0.0056		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:20	5
Calcium	6.4		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:20	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:20	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:20	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:20	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:20	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:20	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:20	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:20	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:20	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:20	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000085	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	22		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: EB-2(LF)

Date Collected: 10/03/18 13:25

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-22

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/12/18 20:49	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 20:49	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 20:49	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:25	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:25	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:25	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:25	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:25	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:25	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:25	5
Calcium	<0.13		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:25	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:25	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:25	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:25	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:25	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:25	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:25	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:25	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:25	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:25	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000085	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-20
Date Collected: 10/03/18 09:30
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-23
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.89	mg/L			10/12/18 23:28	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 23:28	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 23:28	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:29	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:29	5
Barium	0.028		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:29	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:29	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:29	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:29	5
Chromium	0.0091		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:29	5
Calcium	13		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:29	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:29	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:29	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:29	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:29	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:29	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:29	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:29	5
Vanadium	0.017		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:29	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:29	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000083	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	130		5.0	3.4	mg/L			10/09/18 15:51	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: FB-2(LF)

Date Collected: 10/03/18 10:20

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-24

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/12/18 21:11	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 21:11	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 21:11	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:34	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:34	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:34	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:34	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:34	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:34	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:34	5
Calcium	<0.13		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:34	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:34	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:34	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:34	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:34	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:34	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:34	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:34	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:34	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:34	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000079	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-7

Date Collected: 10/04/18 09:30

Date Received: 10/06/18 08:31

Lab Sample ID: 400-159951-30

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.89	mg/L			10/13/18 21:25	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 21:25	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 21:25	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:23	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:23	5
Barium	0.031		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:23	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:23	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:23	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:23	5
Chromium	0.0083		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:23	5
Calcium	13		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:23	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:23	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:23	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:23	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:23	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:23	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:23	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:23	5
Vanadium	0.012		0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:23	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:23	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000089	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		5.0	3.4	mg/L			10/10/18 11:10	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-8A

Date Collected: 10/04/18 14:10

Date Received: 10/06/18 08:31

Lab Sample ID: 400-159951-31

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.1		1.0	0.89	mg/L			10/13/18 07:20	1
Fluoride	0.14	J *	0.20	0.082	mg/L			10/13/18 07:20	1
Sulfate	30		1.0	0.70	mg/L			10/13/18 07:20	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:27	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:27	5
Barium	0.012		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:27	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:27	5
Boron	0.21		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:27	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:27	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:27	5
Calcium	37		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:27	5
Cobalt	0.00048	J	0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:27	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:27	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:27	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:27	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:27	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:27	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:27	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:27	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:27	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/12/18 12:52	10/16/18 10:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	180	H	5.0	3.4	mg/L			10/16/18 15:41	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-8A

Date Collected: 10/17/18 11:15

Date Received: 10/19/18 09:04

Lab Sample ID: 400-159951-32

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	170		5.0	3.4	mg/L			10/23/18 11:59	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-1

Date Collected: 10/02/18 11:25

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 01:47	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 19:54	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:56	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414346	10/05/18 18:25	DEK	TAL PEN

Client Sample ID: GWC-2

Date Collected: 10/02/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 02:10	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 19:59	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:39	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414346	10/05/18 18:25	DEK	TAL PEN

Client Sample ID: GWC-9

Date Collected: 10/02/18 15:30

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 02:32	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 20:43	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:41	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414346	10/05/18 18:25	DEK	TAL PEN

Client Sample ID: GWC-10

Date Collected: 10/02/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 03:41	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 20:48	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:43	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414346	10/05/18 18:25	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-11

Date Collected: 10/02/18 11:35

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 04:04	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 20:52	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:45	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-12

Date Collected: 10/02/18 09:30

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 04:26	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 20:57	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:47	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-14

Date Collected: 10/02/18 15:20

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 04:49	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:01	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:49	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: EB-1(LF)

Date Collected: 10/02/18 16:15

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 05:12	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:06	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:51	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-15

Date Collected: 10/02/18 09:35

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 05:35	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:10	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:19	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: FD-1(LF)

Date Collected: 10/02/18 00:00

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/13/18 01:00	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:15	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:20	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414346	10/05/18 18:25	DEK	TAL PEN

Client Sample ID: GWA-16

Date Collected: 10/02/18 09:30

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 16:14	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:19	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:22	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: FB-1(LF)

Date Collected: 10/02/18 09:40

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 16:37	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:24	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:24	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-17

Date Collected: 10/02/18 10:40

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 17:46	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:51	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:26	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-18

Date Collected: 10/02/18 12:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 04:25	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:55	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:28	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-19

Date Collected: 10/02/18 13:30

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 18:31	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 22:00	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:30	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-3

Date Collected: 10/03/18 09:05

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 18:54	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 22:04	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:32	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-4

Date Collected: 10/03/18 10:35

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 19:17	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 22:09	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:33	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWC-5

Date Collected: 10/03/18 09:15

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 20:26	BAW	TAL PEN
Total/NA	Analysis	300.0	DL	10	415353	10/14/18 06:11	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 22:13	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:35	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: FD-2(LF)

Date Collected: 10/03/18 00:00

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 22:20	BAW	TAL PEN
Total/NA	Analysis	300.0	DL	10	415353	10/14/18 06:33	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 22:31	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:55	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-6

Date Collected: 10/03/18 10:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 22:43	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:16	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-6

Date Collected: 10/03/18 10:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7470A		1	415199	10/12/18 14:56	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWC-13

Date Collected: 10/03/18 12:35

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 23:05	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:20	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:17	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: EB-2(LF)

Date Collected: 10/03/18 13:25

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 20:49	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:25	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:18	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWC-20

Date Collected: 10/03/18 09:30

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 23:28	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:29	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:20	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414754	10/09/18 15:51	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: FB-2(LF)

Date Collected: 10/03/18 10:20

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 21:11	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:34	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:39	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWC-7

Date Collected: 10/04/18 09:30

Date Received: 10/06/18 08:31

Lab Sample ID: 400-159951-30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415375	10/13/18 21:25	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:23	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:50	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414852	10/10/18 11:10	CLB	TAL PEN

Client Sample ID: GWC-8A

Date Collected: 10/04/18 14:10

Date Received: 10/06/18 08:31

Lab Sample ID: 400-159951-31

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 07:20	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:27	DRE	TAL PEN
Total/NA	Prep	7470A			415172	10/12/18 12:52	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415762	10/16/18 10:05	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	415675	10/16/18 15:41	CLB	TAL PEN

Client Sample ID: GWC-8A

Date Collected: 10/17/18 11:15

Date Received: 10/19/18 09:04

Lab Sample ID: 400-159951-32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	416581	10/23/18 11:59	CLB	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

HPLC/IC

Analysis Batch: 415062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total/NA	Water	300.0	
400-159951-2	GWC-2	Total/NA	Water	300.0	
400-159951-3	GWC-9	Total/NA	Water	300.0	
400-159951-4	GWC-10	Total/NA	Water	300.0	
400-159951-5	GWC-11	Total/NA	Water	300.0	
400-159951-6	GWC-12	Total/NA	Water	300.0	
400-159951-7	GWC-14	Total/NA	Water	300.0	
400-159951-8	EB-1(LF)	Total/NA	Water	300.0	
400-159951-9	GWA-15	Total/NA	Water	300.0	
MB 400-415062/17	Method Blank	Total/NA	Water	300.0	
LCS 400-415062/38	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415062/39	Lab Control Sample Dup	Total/NA	Water	300.0	
400-160367-I-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-160367-I-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-10	FD-1(LF)	Total/NA	Water	300.0	
400-159951-11	GWA-16	Total/NA	Water	300.0	
400-159951-12	FB-1(LF)	Total/NA	Water	300.0	
400-159951-13	GWA-17	Total/NA	Water	300.0	
400-159951-15	GWC-19	Total/NA	Water	300.0	
400-159951-16	GWC-3	Total/NA	Water	300.0	
400-159951-17	GWC-4	Total/NA	Water	300.0	
400-159951-18	GWC-5	Total/NA	Water	300.0	
400-159951-19	FD-2(LF)	Total/NA	Water	300.0	
400-159951-20	GWC-6	Total/NA	Water	300.0	
400-159951-21	GWC-13	Total/NA	Water	300.0	
400-159951-22	EB-2(LF)	Total/NA	Water	300.0	
400-159951-23	GWC-20	Total/NA	Water	300.0	
400-159951-24	FB-2(LF)	Total/NA	Water	300.0	
MB 400-415154/16	Method Blank	Total/NA	Water	300.0	
LCS 400-415154/19	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415154/20	Lab Control Sample Dup	Total/NA	Water	300.0	
400-160288-D-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-160288-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-14	GWC-18	Total/NA	Water	300.0	
400-159951-31	GWC-8A	Total/NA	Water	300.0	
MB 400-415319/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415319/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415319/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-A-27 MS	Matrix Spike	Total/NA	Water	300.0	
400-159951-A-27 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-18 - DL	GWC-5	Total/NA	Water	300.0	
400-159951-19 - DL	FD-2(LF)	Total/NA	Water	300.0	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

HPLC/IC (Continued)

Analysis Batch: 415353 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-415353/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415353/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415353/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-160172-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-160172-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-30	GWC-7	Total/NA	Water	300.0	
MB 400-415375/36	Method Blank	Total/NA	Water	300.0	
LCS 400-415375/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415375/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-A-29 MS	Matrix Spike	Total/NA	Water	300.0	
400-159951-A-29 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 414650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-21	GWC-13	Total/NA	Water	7470A	
400-159951-22	EB-2(LF)	Total/NA	Water	7470A	
400-159951-23	GWC-20	Total/NA	Water	7470A	
400-159951-24	FB-2(LF)	Total/NA	Water	7470A	
400-159951-30	GWC-7	Total/NA	Water	7470A	
MB 400-414650/13-A	Method Blank	Total/NA	Water	7470A	
LCS 400-414650/14-A	Lab Control Sample	Total/NA	Water	7470A	
400-160237-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-160237-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 414998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total/NA	Water	7470A	
400-159951-2	GWC-2	Total/NA	Water	7470A	
400-159951-3	GWC-9	Total/NA	Water	7470A	
400-159951-4	GWC-10	Total/NA	Water	7470A	
400-159951-5	GWC-11	Total/NA	Water	7470A	
400-159951-6	GWC-12	Total/NA	Water	7470A	
400-159951-7	GWC-14	Total/NA	Water	7470A	
400-159951-8	EB-1(LF)	Total/NA	Water	7470A	
400-159951-9	GWA-15	Total/NA	Water	7470A	
400-159951-10	FD-1(LF)	Total/NA	Water	7470A	
400-159951-11	GWA-16	Total/NA	Water	7470A	
400-159951-12	FB-1(LF)	Total/NA	Water	7470A	
400-159951-13	GWA-17	Total/NA	Water	7470A	
400-159951-14	GWC-18	Total/NA	Water	7470A	
400-159951-15	GWC-19	Total/NA	Water	7470A	
400-159951-16	GWC-3	Total/NA	Water	7470A	
400-159951-17	GWC-4	Total/NA	Water	7470A	
400-159951-18	GWC-5	Total/NA	Water	7470A	
400-159951-19	FD-2(LF)	Total/NA	Water	7470A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Metals (Continued)

Prep Batch: 414998 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-20	GWC-6	Total/NA	Water	7470A	
MB 400-414998/13-A	Method Blank	Total/NA	Water	7470A	
LCS 400-414998/14-A	Lab Control Sample	Total/NA	Water	7470A	
400-159951-1 MS	GWC-1	Total/NA	Water	7470A	
400-159951-1 MSD	GWC-1	Total/NA	Water	7470A	

Prep Batch: 415172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-31	GWC-8A	Total/NA	Water	7470A	
MB 400-415172/13-A	Method Blank	Total/NA	Water	7470A	
LCS 400-415172/14-A	Lab Control Sample	Total/NA	Water	7470A	
400-160219-E-1-C MS	Matrix Spike	Dissolved	Water	7470A	
400-160219-E-1-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	

Analysis Batch: 415199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total/NA	Water	7470A	414998
400-159951-2	GWC-2	Total/NA	Water	7470A	414998
400-159951-3	GWC-9	Total/NA	Water	7470A	414998
400-159951-4	GWC-10	Total/NA	Water	7470A	414998
400-159951-5	GWC-11	Total/NA	Water	7470A	414998
400-159951-6	GWC-12	Total/NA	Water	7470A	414998
400-159951-7	GWC-14	Total/NA	Water	7470A	414998
400-159951-8	EB-1(LF)	Total/NA	Water	7470A	414998
400-159951-9	GWA-15	Total/NA	Water	7470A	414998
400-159951-10	FD-1(LF)	Total/NA	Water	7470A	414998
400-159951-11	GWA-16	Total/NA	Water	7470A	414998
400-159951-12	FB-1(LF)	Total/NA	Water	7470A	414998
400-159951-13	GWA-17	Total/NA	Water	7470A	414998
400-159951-14	GWC-18	Total/NA	Water	7470A	414998
400-159951-15	GWC-19	Total/NA	Water	7470A	414998
400-159951-16	GWC-3	Total/NA	Water	7470A	414998
400-159951-17	GWC-4	Total/NA	Water	7470A	414998
400-159951-18	GWC-5	Total/NA	Water	7470A	414998
400-159951-19	FD-2(LF)	Total/NA	Water	7470A	414998
400-159951-20	GWC-6	Total/NA	Water	7470A	414998
400-159951-21	GWC-13	Total/NA	Water	7470A	414650
400-159951-22	EB-2(LF)	Total/NA	Water	7470A	414650
400-159951-23	GWC-20	Total/NA	Water	7470A	414650
400-159951-24	FB-2(LF)	Total/NA	Water	7470A	414650
400-159951-30	GWC-7	Total/NA	Water	7470A	414650
MB 400-414650/13-A	Method Blank	Total/NA	Water	7470A	414650
MB 400-414998/13-A	Method Blank	Total/NA	Water	7470A	414998
LCS 400-414650/14-A	Lab Control Sample	Total/NA	Water	7470A	414650
LCS 400-414998/14-A	Lab Control Sample	Total/NA	Water	7470A	414998
400-159951-1 MS	GWC-1	Total/NA	Water	7470A	414998
400-159951-1 MSD	GWC-1	Total/NA	Water	7470A	414998
400-160237-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	414650
400-160237-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	414650

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Metals (Continued)

Prep Batch: 415242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total Recoverable	Water	3005A	
400-159951-2	GWC-2	Total Recoverable	Water	3005A	
400-159951-3	GWC-9	Total Recoverable	Water	3005A	
400-159951-4	GWC-10	Total Recoverable	Water	3005A	
400-159951-5	GWC-11	Total Recoverable	Water	3005A	
400-159951-6	GWC-12	Total Recoverable	Water	3005A	
400-159951-7	GWC-14	Total Recoverable	Water	3005A	
400-159951-8	EB-1(LF)	Total Recoverable	Water	3005A	
400-159951-9	GWA-15	Total Recoverable	Water	3005A	
400-159951-10	FD-1(LF)	Total Recoverable	Water	3005A	
400-159951-11	GWA-16	Total Recoverable	Water	3005A	
400-159951-12	FB-1(LF)	Total Recoverable	Water	3005A	
400-159951-13	GWA-17	Total Recoverable	Water	3005A	
400-159951-14	GWC-18	Total Recoverable	Water	3005A	
400-159951-15	GWC-19	Total Recoverable	Water	3005A	
400-159951-16	GWC-3	Total Recoverable	Water	3005A	
400-159951-17	GWC-4	Total Recoverable	Water	3005A	
400-159951-18	GWC-5	Total Recoverable	Water	3005A	
MB 400-415242/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-415242/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-159951-2 MS	GWC-2	Total Recoverable	Water	3005A	
400-159951-2 MSD	GWC-2	Total Recoverable	Water	3005A	

Prep Batch: 415279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-19	FD-2(LF)	Total Recoverable	Water	3005A	
400-159951-20	GWC-6	Total Recoverable	Water	3005A	
400-159951-21	GWC-13	Total Recoverable	Water	3005A	
400-159951-22	EB-2(LF)	Total Recoverable	Water	3005A	
400-159951-23	GWC-20	Total Recoverable	Water	3005A	
400-159951-24	FB-2(LF)	Total Recoverable	Water	3005A	
400-159951-30	GWC-7	Total Recoverable	Water	3005A	
400-159951-31	GWC-8A	Total Recoverable	Water	3005A	
MB 400-415279/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-415279/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-159951-19 MS	FD-2(LF)	Total Recoverable	Water	3005A	
400-159951-19 MSD	FD-2(LF)	Total Recoverable	Water	3005A	

Analysis Batch: 415414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total Recoverable	Water	6020	415242
400-159951-2	GWC-2	Total Recoverable	Water	6020	415242
400-159951-3	GWC-9	Total Recoverable	Water	6020	415242
400-159951-4	GWC-10	Total Recoverable	Water	6020	415242
400-159951-5	GWC-11	Total Recoverable	Water	6020	415242
400-159951-6	GWC-12	Total Recoverable	Water	6020	415242
400-159951-7	GWC-14	Total Recoverable	Water	6020	415242
400-159951-8	EB-1(LF)	Total Recoverable	Water	6020	415242
400-159951-9	GWA-15	Total Recoverable	Water	6020	415242
400-159951-10	FD-1(LF)	Total Recoverable	Water	6020	415242
400-159951-11	GWA-16	Total Recoverable	Water	6020	415242

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Metals (Continued)

Analysis Batch: 415414 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-12	FB-1(LF)	Total Recoverable	Water	6020	415242
400-159951-13	GWA-17	Total Recoverable	Water	6020	415242
400-159951-14	GWC-18	Total Recoverable	Water	6020	415242
400-159951-15	GWC-19	Total Recoverable	Water	6020	415242
400-159951-16	GWC-3	Total Recoverable	Water	6020	415242
400-159951-17	GWC-4	Total Recoverable	Water	6020	415242
400-159951-18	GWC-5	Total Recoverable	Water	6020	415242
400-159951-19	FD-2(LF)	Total Recoverable	Water	6020	415279
400-159951-20	GWC-6	Total Recoverable	Water	6020	415279
400-159951-21	GWC-13	Total Recoverable	Water	6020	415279
400-159951-22	EB-2(LF)	Total Recoverable	Water	6020	415279
400-159951-23	GWC-20	Total Recoverable	Water	6020	415279
400-159951-24	FB-2(LF)	Total Recoverable	Water	6020	415279
400-159951-30	GWC-7	Total Recoverable	Water	6020	415279
400-159951-31	GWC-8A	Total Recoverable	Water	6020	415279
MB 400-415242/1-A ^5	Method Blank	Total Recoverable	Water	6020	415242
MB 400-415279/1-A ^5	Method Blank	Total Recoverable	Water	6020	415279
LCS 400-415242/2-A	Lab Control Sample	Total Recoverable	Water	6020	415242
LCS 400-415279/2-A	Lab Control Sample	Total Recoverable	Water	6020	415279
400-159951-2 MS	GWC-2	Total Recoverable	Water	6020	415242
400-159951-2 MSD	GWC-2	Total Recoverable	Water	6020	415242
400-159951-19 MS	FD-2(LF)	Total Recoverable	Water	6020	415279
400-159951-19 MSD	FD-2(LF)	Total Recoverable	Water	6020	415279

Analysis Batch: 415762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-31	GWC-8A	Total/NA	Water	7470A	415172
MB 400-415172/13-A	Method Blank	Total/NA	Water	7470A	415172
LCS 400-415172/14-A	Lab Control Sample	Total/NA	Water	7470A	415172
400-160219-E-1-C MS	Matrix Spike	Dissolved	Water	7470A	415172
400-160219-E-1-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	415172

General Chemistry

Analysis Batch: 414346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total/NA	Water	SM 2540C	
400-159951-2	GWC-2	Total/NA	Water	SM 2540C	
400-159951-3	GWC-9	Total/NA	Water	SM 2540C	
400-159951-4	GWC-10	Total/NA	Water	SM 2540C	
400-159951-10	FD-1(LF)	Total/NA	Water	SM 2540C	
MB 400-414346/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414346/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-159951-4 DU	GWC-10	Total/NA	Water	SM 2540C	
400-160114-A-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 414372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-5	GWC-11	Total/NA	Water	SM 2540C	
400-159951-6	GWC-12	Total/NA	Water	SM 2540C	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

General Chemistry (Continued)

Analysis Batch: 414372 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-7	GWC-14	Total/NA	Water	SM 2540C	
400-159951-8	EB-1(LF)	Total/NA	Water	SM 2540C	
400-159951-9	GWA-15	Total/NA	Water	SM 2540C	
400-159951-11	GWA-16	Total/NA	Water	SM 2540C	
400-159951-12	FB-1(LF)	Total/NA	Water	SM 2540C	
400-159951-13	GWA-17	Total/NA	Water	SM 2540C	
400-159951-14	GWC-18	Total/NA	Water	SM 2540C	
400-159951-15	GWC-19	Total/NA	Water	SM 2540C	
400-159951-19	FD-2(LF)	Total/NA	Water	SM 2540C	
MB 400-414372/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414372/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-159951-6 DU	GWC-12	Total/NA	Water	SM 2540C	
400-159951-14 DU	GWC-18	Total/NA	Water	SM 2540C	

Analysis Batch: 414715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-16	GWC-3	Total/NA	Water	SM 2540C	
400-159951-17	GWC-4	Total/NA	Water	SM 2540C	
400-159951-18	GWC-5	Total/NA	Water	SM 2540C	
400-159951-20	GWC-6	Total/NA	Water	SM 2540C	
400-159951-21	GWC-13	Total/NA	Water	SM 2540C	
400-159951-22	EB-2(LF)	Total/NA	Water	SM 2540C	
400-159951-24	FB-2(LF)	Total/NA	Water	SM 2540C	
MB 400-414715/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414715/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-159951-18 DU	GWC-5	Total/NA	Water	SM 2540C	
400-159951-20 DU	GWC-6	Total/NA	Water	SM 2540C	

Analysis Batch: 414754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-23	GWC-20	Total/NA	Water	SM 2540C	
MB 400-414754/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414754/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-159951-23 DU	GWC-20	Total/NA	Water	SM 2540C	

Analysis Batch: 414852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-30	GWC-7	Total/NA	Water	SM 2540C	
MB 400-414852/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414852/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160176-J-5 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 415675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-31	GWC-8A	Total/NA	Water	SM 2540C	
MB 400-415675/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-415675/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160400-E-3 DU	Duplicate	Total/NA	Water	SM 2540C	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

General Chemistry (Continued)

Analysis Batch: 416581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-32	GWC-8A	Total/NA	Water	SM 2540C	
MB 400-416581/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-416581/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160738-A-4 DU	Duplicate	Total/NA	Water	SM 2540C	

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-415062/17

Matrix: Water

Analysis Batch: 415062

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/11/18 17:04	1
Fluoride	<0.082		0.20	0.082	mg/L			10/11/18 17:04	1
Sulfate	<0.70		1.0	0.70	mg/L			10/11/18 17:04	1

Lab Sample ID: LCS 400-415062/38

Matrix: Water

Analysis Batch: 415062

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.82		mg/L		98	90 - 110
Fluoride	10.0	10.3		mg/L		103	90 - 110
Sulfate	10.0	10.7		mg/L		107	90 - 110

Lab Sample ID: LCSD 400-415062/39

Matrix: Water

Analysis Batch: 415062

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.90		mg/L		99	90 - 110	1	15
Fluoride	10.0	10.7		mg/L		107	90 - 110	4	15
Sulfate	10.0	10.1		mg/L		101	90 - 110	5	15

Lab Sample ID: 400-160367-I-1 MS

Matrix: Water

Analysis Batch: 415062

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	13		10.0	23.7		mg/L		107	80 - 120
Fluoride	0.17	J	10.0	11.6		mg/L		114	80 - 120
Sulfate	13	F1	10.0	25.0		mg/L		119	80 - 120

Lab Sample ID: 400-160367-I-1 MSD

Matrix: Water

Analysis Batch: 415062

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13		10.0	23.8		mg/L		108	80 - 120	0	20
Fluoride	0.17	J	10.0	11.6		mg/L		114	80 - 120	0	20
Sulfate	13	F1	10.0	25.2	F1	mg/L		122	80 - 120	1	20

Lab Sample ID: MB 400-415154/16

Matrix: Water

Analysis Batch: 415154

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/12/18 13:12	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 13:12	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 13:12	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-415154/19

Matrix: Water

Analysis Batch: 415154

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	10.0	11.2	*	mg/L		112	90 - 110
Sulfate	10.0	10.5		mg/L		105	90 - 110

Lab Sample ID: LCSD 400-415154/20

Matrix: Water

Analysis Batch: 415154

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride	10.0	10.9		mg/L		109	90 - 110	2	15
Sulfate	10.0	10.7		mg/L		107	90 - 110	2	15

Lab Sample ID: 400-160288-D-1 MS

Matrix: Water

Analysis Batch: 415154

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.13	J *	10.0	10.8		mg/L		107	80 - 120
Sulfate	21		10.0	31.5		mg/L		102	80 - 120

Lab Sample ID: 400-160288-D-1 MSD

Matrix: Water

Analysis Batch: 415154

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.13	J *	10.0	10.9		mg/L		107	80 - 120	0	20
Sulfate	21		10.0	32.1		mg/L		108	80 - 120	2	20

Lab Sample ID: MB 400-415319/4

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 02:08	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 02:08	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 02:08	1

Lab Sample ID: LCS 400-415319/5

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	10.0	10.7		mg/L		107	90 - 110
Sulfate	10.0	10.5		mg/L		105	90 - 110

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-415319/6

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15
Fluoride	10.0	11.1	*	mg/L		111	90 - 110	3	15
Sulfate	10.0	10.4		mg/L		104	90 - 110	1	15

Lab Sample ID: 400-159951-A-27 MS

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.7		mg/L		100	80 - 120		
Fluoride	<0.082	*	10.0	10.4		mg/L		104	80 - 120		
Sulfate	1.2		10.0	12.0		mg/L		107	80 - 120		

Lab Sample ID: 400-159951-A-27 MSD

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.9		mg/L		102	80 - 120	1	20
Fluoride	<0.082	*	10.0	10.8		mg/L		108	80 - 120	3	20
Sulfate	1.2		10.0	12.0		mg/L		108	80 - 120	1	20

Lab Sample ID: MB 400-415353/4

Matrix: Water

Analysis Batch: 415353

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/14/18 03:08	1
Fluoride	<0.082		0.20	0.082	mg/L			10/14/18 03:08	1
Sulfate	<0.70		1.0	0.70	mg/L			10/14/18 03:08	1

Lab Sample ID: LCS 400-415353/5

Matrix: Water

Analysis Batch: 415353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.95		mg/L		99	90 - 110		
Fluoride	10.0	11.0		mg/L		110	90 - 110		
Sulfate	10.0	10.3		mg/L		103	90 - 110		

Lab Sample ID: LCSD 400-415353/6

Matrix: Water

Analysis Batch: 415353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.98		mg/L		100	90 - 110	0	15
Fluoride	10.0	10.9		mg/L		109	90 - 110	1	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	2	15

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-160172-A-1 MS

Matrix: Water

Analysis Batch: 415353

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.4		10.0	11.3		mg/L		99	80 - 120
Fluoride	0.13	J	10.0	10.7		mg/L		106	80 - 120
Sulfate	8.3		10.0	18.9		mg/L		106	80 - 120

Lab Sample ID: 400-160172-A-1 MSD

Matrix: Water

Analysis Batch: 415353

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.4		10.0	11.5		mg/L		101	80 - 120	2	20
Fluoride	0.13	J	10.0	10.6		mg/L		105	80 - 120	1	20
Sulfate	8.3		10.0	19.2		mg/L		109	80 - 120	2	20

Lab Sample ID: MB 400-415375/36

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 14:56	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 14:56	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 14:56	1

Lab Sample ID: LCS 400-415375/37

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	10.0	10.8		mg/L		108	90 - 110
Sulfate	10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: LCSD 400-415375/38

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride	10.0	11.2	*	mg/L		112	90 - 110	3	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	1	15

Lab Sample ID: 400-159951-A-29 MS

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10		10.0	20.3		mg/L		99	80 - 120
Fluoride	<0.082	*	10.0	10.9		mg/L		109	80 - 120

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-159951-A-29 MSD

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10		10.0	20.4		mg/L		101	80 - 120	1	20
Fluoride	<0.082	*	10.0	11.2		mg/L		112	80 - 120	3	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-415242/1-A ^5

Matrix: Water

Analysis Batch: 415414

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 415242

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 19:36	5
Calcium	<0.13		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 19:36	5

Lab Sample ID: LCS 400-415242/2-A

Matrix: Water

Analysis Batch: 415414

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 415242

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	0.100	0.114		mg/L		114	80 - 120
Calcium	5.00	4.88		mg/L		98	80 - 120

Lab Sample ID: 400-159951-2 MS

Matrix: Water

Analysis Batch: 415414

Client Sample ID: GWC-2

Prep Type: Total Recoverable

Prep Batch: 415242

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0515		mg/L		103	75 - 125
Arsenic	<0.00046		0.0500	0.0490		mg/L		98	75 - 125
Barium	0.044		0.0500	0.0918		mg/L		95	75 - 125
Beryllium	<0.00034		0.0500	0.0518		mg/L		104	75 - 125
Cadmium	<0.00034		0.0500	0.0488		mg/L		98	75 - 125
Chromium	0.010		0.0500	0.0619		mg/L		103	75 - 125
Cobalt	<0.00040		0.0500	0.0510		mg/L		102	75 - 125
Copper	<0.0021		0.0500	0.0515		mg/L		103	75 - 125
Lead	<0.00035		0.0500	0.0489		mg/L		98	75 - 125
Nickel	<0.0018		0.0500	0.0506		mg/L		101	75 - 125
Selenium	<0.00024		0.0500	0.0501		mg/L		100	75 - 125
Silver	<0.00011		0.0500	0.0476		mg/L		95	75 - 125
Thallium	<0.000085		0.0100	0.00940		mg/L		94	75 - 125
Vanadium	0.015		0.0500	0.0649		mg/L		100	75 - 125
Zinc	<0.0065		0.0500	0.0511		mg/L		102	75 - 125

Lab Sample ID: 400-159951-2 MSD

Matrix: Water

Analysis Batch: 415414

Client Sample ID: GWC-2

Prep Type: Total Recoverable

Prep Batch: 415242

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.0010		0.0500	0.0483		mg/L		97	75 - 125	6	20
Arsenic	<0.00046		0.0500	0.0480		mg/L		96	75 - 125	2	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-159951-2 MSD

Matrix: Water

Analysis Batch: 415414

Client Sample ID: GWC-2

Prep Type: Total Recoverable

Prep Batch: 415242

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.044		0.0500	0.0907		mg/L		92	75 - 125	1	20
Beryllium	<0.00034		0.0500	0.0512		mg/L		102	75 - 125	1	20
Cadmium	<0.00034		0.0500	0.0483		mg/L		97	75 - 125	1	20
Chromium	0.010		0.0500	0.0596		mg/L		99	75 - 125	4	20
Cobalt	<0.00040		0.0500	0.0502		mg/L		100	75 - 125	1	20
Copper	<0.0021		0.0500	0.0508		mg/L		102	75 - 125	1	20
Lead	<0.00035		0.0500	0.0479		mg/L		96	75 - 125	2	20
Nickel	<0.0018		0.0500	0.0509		mg/L		102	75 - 125	1	20
Selenium	<0.00024		0.0500	0.0479		mg/L		96	75 - 125	4	20
Silver	<0.00011		0.0500	0.0473		mg/L		95	75 - 125	1	20
Thallium	<0.000085		0.0100	0.00935		mg/L		93	75 - 125	1	20
Vanadium	0.015		0.0500	0.0636		mg/L		98	75 - 125	2	20
Zinc	<0.0065		0.0500	0.0519		mg/L		104	75 - 125	2	20

Lab Sample ID: MB 400-415279/1-A ^5

Matrix: Water

Analysis Batch: 415414

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 415279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 22:17	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 22:17	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 22:17	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:17	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:17	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 22:17	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 22:17	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 22:17	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 22:17	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 22:17	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 22:17	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 22:17	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 22:17	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 22:17	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 22:17	5

Lab Sample ID: LCS 400-415279/2-A

Matrix: Water

Analysis Batch: 415414

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 415279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0471		mg/L		94	80 - 120
Arsenic	0.0500	0.0471		mg/L		94	80 - 120
Barium	0.0500	0.0466		mg/L		93	80 - 120
Beryllium	0.0500	0.0474		mg/L		95	80 - 120
Cadmium	0.0500	0.0471		mg/L		94	80 - 120
Chromium	0.0500	0.0467		mg/L		93	80 - 120
Cobalt	0.0500	0.0494		mg/L		99	80 - 120
Copper	0.0500	0.0497		mg/L		99	80 - 120
Lead	0.0500	0.0464		mg/L		93	80 - 120

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 400-415279/2-A

Matrix: Water

Analysis Batch: 415414

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 415279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	0.0500	0.0492		mg/L		98	80 - 120
Selenium	0.0500	0.0454		mg/L		91	80 - 120
Silver	0.0500	0.0454		mg/L		91	80 - 120
Thallium	0.0100	0.00896		mg/L		90	80 - 120
Vanadium	0.0500	0.0495		mg/L		99	80 - 120
Zinc	0.0500	0.0489		mg/L		98	80 - 120

Lab Sample ID: 400-159951-19 MS

Matrix: Water

Analysis Batch: 415414

Client Sample ID: FD-2(LF)

Prep Type: Total Recoverable

Prep Batch: 415279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0548		mg/L		110	75 - 125
Arsenic	<0.00046		0.0500	0.0540		mg/L		108	75 - 125
Barium	0.035		0.0500	0.0893		mg/L		108	75 - 125
Beryllium	<0.00034		0.0500	0.0496		mg/L		99	75 - 125
Cadmium	<0.00034		0.0500	0.0522		mg/L		104	75 - 125
Chromium	0.0029		0.0500	0.0571		mg/L		108	75 - 125
Cobalt	<0.00040		0.0500	0.0542		mg/L		108	75 - 125
Copper	<0.0021		0.0500	0.0544		mg/L		109	75 - 125
Lead	<0.00035		0.0500	0.0480		mg/L		96	75 - 125
Nickel	<0.0018		0.0500	0.0548		mg/L		110	75 - 125
Selenium	0.022		0.0500	0.0708		mg/L		98	75 - 125
Silver	<0.00011		0.0500	0.0503		mg/L		101	75 - 125
Thallium	<0.000085		0.0100	0.00934		mg/L		93	75 - 125
Vanadium	0.0016 J		0.0500	0.0566		mg/L		110	75 - 125
Zinc	<0.0065		0.0500	0.0594		mg/L		119	75 - 125

Lab Sample ID: 400-159951-19 MSD

Matrix: Water

Analysis Batch: 415414

Client Sample ID: FD-2(LF)

Prep Type: Total Recoverable

Prep Batch: 415279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.0010		0.0500	0.0488		mg/L		98	75 - 125	12	20
Arsenic	<0.00046		0.0500	0.0473		mg/L		95	75 - 125	13	20
Barium	0.035		0.0500	0.0828		mg/L		95	75 - 125	8	20
Beryllium	<0.00034		0.0500	0.0490		mg/L		98	75 - 125	1	20
Cadmium	<0.00034		0.0500	0.0457		mg/L		91	75 - 125	13	20
Chromium	0.0029		0.0500	0.0525		mg/L		99	75 - 125	8	20
Cobalt	<0.00040		0.0500	0.0490		mg/L		98	75 - 125	10	20
Copper	<0.0021		0.0500	0.0491		mg/L		98	75 - 125	10	20
Lead	<0.00035		0.0500	0.0475		mg/L		95	75 - 125	1	20
Nickel	<0.0018		0.0500	0.0495		mg/L		99	75 - 125	10	20
Selenium	0.022		0.0500	0.0689		mg/L		95	75 - 125	3	20
Silver	<0.00011		0.0500	0.0454		mg/L		91	75 - 125	10	20
Thallium	<0.000085		0.0100	0.00922		mg/L		92	75 - 125	1	20
Vanadium	0.0016 J		0.0500	0.0509		mg/L		99	75 - 125	11	20
Zinc	<0.0065		0.0500	0.0551		mg/L		110	75 - 125	7	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-414650/13-A
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 414650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000784	J	0.00020	0.000070	mg/L	—	10/09/18 09:52	10/12/18 10:56	1

Lab Sample ID: LCS 400-414650/14-A
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 414650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00109		mg/L	—	109	80 - 120

Lab Sample ID: 400-160237-F-1-B MS
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 414650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000090	J B F1	0.00201	0.000967	F1	mg/L	—	44	80 - 120

Lab Sample ID: 400-160237-F-1-C MSD
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 414650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	0.000090	J B F1	0.00201	0.000905	F1	mg/L	—	40	80 - 120	7	20

Lab Sample ID: MB 400-414998/13-A
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 414998

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000876	J	0.00020	0.000070	mg/L	—	10/11/18 12:26	10/12/18 12:52	1

Lab Sample ID: LCS 400-414998/14-A
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 414998

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00103		mg/L	—	103	80 - 120

Lab Sample ID: 400-159951-1 MS
Matrix: Water
Analysis Batch: 415199

Client Sample ID: GWC-1
Prep Type: Total/NA
Prep Batch: 414998

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000072	J B	0.00201	0.00204		mg/L	—	98	80 - 120

Lab Sample ID: 400-159951-1 MSD
Matrix: Water
Analysis Batch: 415199

Client Sample ID: GWC-1
Prep Type: Total/NA
Prep Batch: 414998

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	0.000072	J B	0.00201	0.00203		mg/L	—	97	80 - 120	1	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Lab Sample ID: MB 400-415172/13-A
Matrix: Water
Analysis Batch: 415762

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 415172

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/12/18 12:51	10/16/18 09:52	1

Lab Sample ID: LCS 400-415172/14-A
Matrix: Water
Analysis Batch: 415762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 415172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.000958		mg/L		95	80 - 120

Lab Sample ID: 400-160219-E-1-C MS
Matrix: Water
Analysis Batch: 415762

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 415172

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000070	F1	0.00201	0.00170		mg/L		84	80 - 120

Lab Sample ID: 400-160219-E-1-D MSD
Matrix: Water
Analysis Batch: 415762

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 415172

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.000070	F1	0.00201	0.00150	F1	mg/L		75	80 - 120	12	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-414346/1
Matrix: Water
Analysis Batch: 414346

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/05/18 18:25	1

Lab Sample ID: LCS 400-414346/2
Matrix: Water
Analysis Batch: 414346

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	282		mg/L		96	78 - 122

Lab Sample ID: 400-159951-4 DU
Matrix: Water
Analysis Batch: 414346

Client Sample ID: GWC-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	150		150		mg/L		1	5

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 400-160114-A-2 DU

Matrix: Water

Analysis Batch: 414346

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	690		688		mg/L		0.3	5

Lab Sample ID: MB 400-414372/1

Matrix: Water

Analysis Batch: 414372

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/06/18 10:55	1

Lab Sample ID: LCS 400-414372/2

Matrix: Water

Analysis Batch: 414372

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	298		mg/L		102	78 - 122

Lab Sample ID: 400-159951-6 DU

Matrix: Water

Analysis Batch: 414372

Client Sample ID: GWC-12

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	38		42.0	F3	mg/L		10	5

Lab Sample ID: 400-159951-14 DU

Matrix: Water

Analysis Batch: 414372

Client Sample ID: GWC-18

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	100		92.0	F3	mg/L		8	5

Lab Sample ID: MB 400-414715/1

Matrix: Water

Analysis Batch: 414715

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/09/18 12:50	1

Lab Sample ID: LCS 400-414715/2

Matrix: Water

Analysis Batch: 414715

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	258		mg/L		88	78 - 122

Lab Sample ID: 400-159951-18 DU

Matrix: Water

Analysis Batch: 414715

Client Sample ID: GWC-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	620		618		mg/L		0.3	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Lab Sample ID: 400-159951-20 DU
Matrix: Water
Analysis Batch: 414715

Client Sample ID: GWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	120		120		mg/L		0	5

Lab Sample ID: MB 400-414754/1
Matrix: Water
Analysis Batch: 414754

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/09/18 15:51	1

Lab Sample ID: LCS 400-414754/2
Matrix: Water
Analysis Batch: 414754

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	262		mg/L		89	78 - 122

Lab Sample ID: 400-159951-23 DU
Matrix: Water
Analysis Batch: 414754

Client Sample ID: GWC-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	130		120		mg/L		5	5

Lab Sample ID: MB 400-414852/1
Matrix: Water
Analysis Batch: 414852

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/10/18 11:10	1

Lab Sample ID: LCS 400-414852/2
Matrix: Water
Analysis Batch: 414852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	258		mg/L		88	78 - 122

Lab Sample ID: 400-160176-J-5 DU
Matrix: Water
Analysis Batch: 414852

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	480		486		mg/L		2	5

Lab Sample ID: MB 400-415675/1
Matrix: Water
Analysis Batch: 415675

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/16/18 15:41	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 400-415675/2

Matrix: Water

Analysis Batch: 415675

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	228		mg/L		78	78 - 122

Lab Sample ID: 400-160400-E-3 DU

Matrix: Water

Analysis Batch: 415675

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	40		38.0		mg/L		5	5

Lab Sample ID: MB 400-416581/1

Matrix: Water

Analysis Batch: 416581

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/23/18 11:59	1

Lab Sample ID: LCS 400-416581/2

Matrix: Water

Analysis Batch: 416581

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	276		mg/L		94	78 - 122

Lab Sample ID: 400-160738-A-4 DU

Matrix: Water

Analysis Batch: 416581

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	250		248		mg/L		0	5

Chain of Custody Record



Client Information		Sampler: Ben Hodges		Lab PM: Whitmire, Cheyenne R		Carrier Tracking No(s):		COC No: 400-67346-27427.1						
Client Contact: Joju Abraham		Phone: 812-258-7457		E-Mail: cheyenne.whitmire@testamericainc.com				Page: Page 1 of 2						
Company: Southern Company								Job #:						
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		Analysis Requested 400-159951 COC		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)		Other:						
City: Atlanta		TAT Requested (days):												
State, Zip: GA, 30308														
Phone:														
Email: JAbraham@southernco.com		PO #: SCS10347658												
Project Name: CCR - Plant Scherer		WO #:												
Site:		Project #: 40008128												
		SSOW#:												
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	MATRIX (W=water, S=solid, O=soil, G=grass, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2340C - Total Dissolved Solids, 300 ORGFW 240-Fluoride, Chloride & Sulfate	6020 - Boron & Calcium	State 6020 - As, Ba, Bi, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn & 7470 - Hg	Total Number of containers	Special Instructions/Note:		
				Preservation Code:										
GWC-1	10/2/18	1125	G	Water	N	x	x			x				
GWC-2	10/2/18	1410	G	Water	N	x	x			x				
GWC-9	10/2/18	1530	G	Water	N	x	x			x				
GWC-10	10/2/18	1410	G	Water	N	x	x			x				
GWC-11	10/2/18	1135	G	Water	N	x	x			x				
GWC-12	10/2/18	0930	G	Water	N	x	x			x				
GWC-14	10/2/18	1520	G	Water	N	x	x			x				
EB-1(LF)	10/2/18	1615	G	Water	N	x	x			x				
GWA-16	10/2/18	0935	G	Water	N	x	x			x				
FD-1	10/2/18	-	G	Water	N	x	x			x				
GWA-18	10/2/18	0930	G	Water	N	x	x			x				
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months									
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:									
Empty Kit Relinquished by:					Date:		Time:		Method of Shipment:					
Relinquished by: <i>[Signature]</i>					Date/Time: 10/3/18 0800		Company: Golden		Received by: Elaine Cook		Date/Time: 10/3/18 08:00		Company: Courier	
Relinquished by: <i>[Signature]</i>					Date/Time: 10/3/18		Company: TH		Received by: <i>[Signature]</i>		Date/Time: 10/5/18 0846		Company: TH-PEN	
Relinquished by: <i>[Signature]</i>					Date/Time: 10/3/18		Company: TH		Received by: <i>[Signature]</i>		Date/Time: 10/5/18 0846		Company: TH-PEN	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					Custody Seal No.: 634000 634001				Cooler Temperature(s) °C and Other Remarks: 3.0°C, 10.0°C, 12.1°C, 0.5°C IR-7					

10/29/2018

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Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-159951-1

SDG Number: Cell 1

Login Number: 159951

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	634000 634001
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0°C 0.0°C 2.1°C 0.5°C IR-7, 2.6°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-19
Iowa	State Program	7	367	08-01-20
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-19
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-16	09-30-19
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-159951-2

TestAmerica Sample Delivery Group: PAC Ash

Client Project/Site: CCR - Plant Scherer

For:

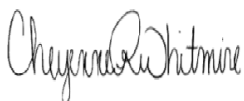
Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

10/30/2018 2:31:41 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Job ID: 400-159951-2

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-159951-2

Metals

Method(s) 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 414650 and analytical batch 415199 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 7470A: The method blank for preparation batch 414998 and analytical batch 415199 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

Method(s) 7470A: The method blank for preparation batch 414650 and analytical batch 415199 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-21

Lab Sample ID: 400-159951-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	4.0		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate	1.9		1.0	0.70	mg/L	1			300.0	Total/NA
Barium	0.022		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0014	J	0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	7.8		0.25	0.13	mg/L	5			6020	Total Recoverable
Cobalt	0.0014	J	0.0025	0.00040	mg/L	5			6020	Total Recoverable
Vanadium	0.0023	J	0.0025	0.0014	mg/L	5			6020	Total Recoverable
Mercury	0.000088	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	72		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWA-49

Lab Sample ID: 400-159951-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.018		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0052		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	14		0.25	0.13	mg/L	5			6020	Total Recoverable
Vanadium	0.018		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Mercury	0.000080	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	96		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWA-48

Lab Sample ID: 400-159951-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate	1.2		1.0	0.70	mg/L	1			300.0	Total/NA
Barium	0.012		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0051		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	12		0.25	0.13	mg/L	5			6020	Total Recoverable
Vanadium	0.017		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Mercury	0.000083	J B	0.00020	0.000070	mg/L	1			7470A	Total/NA
Total Dissolved Solids	88		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: GWA-22

Lab Sample ID: 400-159951-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2.9		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.022		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0086		0.0025	0.0011	mg/L	5			6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-22 (Continued)

Lab Sample ID: 400-159951-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	6.1		0.25	0.13	mg/L	5		6020	Total
Vanadium	0.0022	J	0.0025	0.0014	mg/L	5		6020	Recoverable
Mercury	0.000085	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	42		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-45

Lab Sample ID: 400-159951-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	140		10	7.0	mg/L	10		300.0	Total/NA
Barium	0.042		0.0025	0.00049	mg/L	5		6020	Total
Boron	0.89		0.050	0.021	mg/L	5		6020	Recoverable
Calcium	41		0.25	0.13	mg/L	5		6020	Total
Cobalt	0.0018	J	0.0025	0.00040	mg/L	5		6020	Recoverable
Mercury	0.000083	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	190		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-159951-25	GWA-21	Water	10/03/18 14:10	10/05/18 08:46
400-159951-26	GWA-49	Water	10/03/18 14:10	10/05/18 08:46
400-159951-27	GWA-48	Water	10/03/18 13:00	10/05/18 08:46
400-159951-28	GWA-22	Water	10/03/18 13:05	10/05/18 08:46
400-159951-29	GWA-45	Water	10/03/18 10:25	10/05/18 08:46

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-21
Date Collected: 10/03/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-25
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.89	mg/L			10/12/18 23:51	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 23:51	1
Sulfate	1.9		1.0	0.70	mg/L			10/12/18 23:51	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:38	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:38	5
Barium	0.022		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:38	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:38	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:38	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:38	5
Chromium	0.0014	J	0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:38	5
Calcium	7.8		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:38	5
Cobalt	0.0014	J	0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:38	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:38	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:38	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:38	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:38	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:38	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:38	5
Vanadium	0.0023	J	0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:38	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:38	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000088	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	72		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-49
Date Collected: 10/03/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-26
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.89	mg/L			10/13/18 00:14	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 00:14	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 00:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:05	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:05	5
Barium	0.018		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:05	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:05	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:05	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:05	5
Chromium	0.0052		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:05	5
Calcium	14		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:05	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:05	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:05	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:05	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:05	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:05	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:05	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:05	5
Vanadium	0.018		0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:05	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:05	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000080	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	96		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-48

Date Collected: 10/03/18 13:00

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-27

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			10/13/18 03:17	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 03:17	1
Sulfate	1.2		1.0	0.70	mg/L			10/13/18 03:17	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:10	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:10	5
Barium	0.012		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:10	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:10	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:10	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:10	5
Chromium	0.0051		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:10	5
Calcium	12		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:10	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:10	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:10	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:10	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:10	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:10	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:10	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:10	5
Vanadium	0.017		0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:10	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:10	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000083	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	88		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-22
Date Collected: 10/03/18 13:05
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-28
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.9		1.0	0.89	mg/L			10/13/18 08:51	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 08:51	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 08:51	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:14	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:14	5
Barium	0.022		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:14	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:14	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:14	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:14	5
Chromium	0.0086		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:14	5
Calcium	6.1		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:14	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:14	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:14	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:14	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:14	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:14	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:14	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:14	5
Vanadium	0.0022	J	0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:14	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:14	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000085	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	42		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-45
Date Collected: 10/03/18 10:25
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-29
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.89	mg/L			10/13/18 16:05	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 16:05	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	140		10	7.0	mg/L			10/15/18 06:55	10

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:18	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:18	5
Barium	0.042		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:18	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:18	5
Boron	0.89		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:18	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:18	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:18	5
Calcium	41		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:18	5
Cobalt	0.0018	J	0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:18	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:18	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:18	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:18	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:18	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:18	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:18	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:18	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:18	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000083	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	190		5.0	3.4	mg/L			10/09/18 15:51	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-21

Date Collected: 10/03/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 23:51	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:38	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:41	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWA-49

Date Collected: 10/03/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/13/18 00:14	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:05	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:43	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWA-48

Date Collected: 10/03/18 13:00

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 03:17	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:10	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:44	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWA-22

Date Collected: 10/03/18 13:05

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 08:51	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:14	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:46	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-45

Date Collected: 10/03/18 10:25

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415375	10/13/18 16:05	BAW	TAL PEN
Total/NA	Analysis	300.0	DL	10	415449	10/15/18 06:55	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:18	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:48	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414754	10/09/18 15:51	DEK	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

HPLC/IC

Analysis Batch: 415154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	300.0	
400-159951-26	GWA-49	Total/NA	Water	300.0	

Analysis Batch: 415319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-27	GWA-48	Total/NA	Water	300.0	
400-159951-28	GWA-22	Total/NA	Water	300.0	
MB 400-415319/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415319/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415319/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-27 MS	GWA-48	Total/NA	Water	300.0	
400-159951-27 MSD	GWA-48	Total/NA	Water	300.0	

Analysis Batch: 415375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-29	GWA-45	Total/NA	Water	300.0	
MB 400-415375/36	Method Blank	Total/NA	Water	300.0	
LCS 400-415375/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415375/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-29 MS	GWA-45	Total/NA	Water	300.0	
400-159951-29 MSD	GWA-45	Total/NA	Water	300.0	

Analysis Batch: 415449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-29 - DL	GWA-45	Total/NA	Water	300.0	
MB 400-415449/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415449/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415449/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-160196-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-160196-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 414650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	7470A	
400-159951-26	GWA-49	Total/NA	Water	7470A	
400-159951-27	GWA-48	Total/NA	Water	7470A	
400-159951-28	GWA-22	Total/NA	Water	7470A	
400-159951-29	GWA-45	Total/NA	Water	7470A	
MB 400-414650/13-A	Method Blank	Total/NA	Water	7470A	
LCS 400-414650/14-A	Lab Control Sample	Total/NA	Water	7470A	
400-160237-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-160237-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 415199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	7470A	414650
400-159951-26	GWA-49	Total/NA	Water	7470A	414650
400-159951-27	GWA-48	Total/NA	Water	7470A	414650

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Metals (Continued)

Analysis Batch: 415199 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-28	GWA-22	Total/NA	Water	7470A	414650
400-159951-29	GWA-45	Total/NA	Water	7470A	414650
MB 400-414650/13-A	Method Blank	Total/NA	Water	7470A	414650
LCS 400-414650/14-A	Lab Control Sample	Total/NA	Water	7470A	414650
400-160237-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	414650
400-160237-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	414650

Prep Batch: 415279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total Recoverable	Water	3005A	
400-159951-26	GWA-49	Total Recoverable	Water	3005A	
400-159951-27	GWA-48	Total Recoverable	Water	3005A	
400-159951-28	GWA-22	Total Recoverable	Water	3005A	
400-159951-29	GWA-45	Total Recoverable	Water	3005A	
MB 400-415279/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-415279/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-159951-B-19-D MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-159951-B-19-E MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 415414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total Recoverable	Water	6020	415279
400-159951-26	GWA-49	Total Recoverable	Water	6020	415279
400-159951-27	GWA-48	Total Recoverable	Water	6020	415279
400-159951-28	GWA-22	Total Recoverable	Water	6020	415279
400-159951-29	GWA-45	Total Recoverable	Water	6020	415279
MB 400-415279/1-A ^5	Method Blank	Total Recoverable	Water	6020	415279
LCS 400-415279/2-A	Lab Control Sample	Total Recoverable	Water	6020	415279
400-159951-B-19-D MS ^5	Matrix Spike	Total Recoverable	Water	6020	415279
400-159951-B-19-E MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	415279

General Chemistry

Analysis Batch: 414715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	SM 2540C	
400-159951-26	GWA-49	Total/NA	Water	SM 2540C	
400-159951-27	GWA-48	Total/NA	Water	SM 2540C	
400-159951-28	GWA-22	Total/NA	Water	SM 2540C	

Analysis Batch: 414754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-29	GWA-45	Total/NA	Water	SM 2540C	

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-415319/4

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 02:08	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 02:08	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 02:08	1

Lab Sample ID: LCS 400-415319/5

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	10.0	10.7		mg/L		107	90 - 110
Sulfate	10.0	10.5		mg/L		105	90 - 110

Lab Sample ID: LCSD 400-415319/6

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15
Fluoride	10.0	11.1	*	mg/L		111	90 - 110	3	15
Sulfate	10.0	10.4		mg/L		104	90 - 110	1	15

Lab Sample ID: 400-159951-27 MS

Matrix: Water

Analysis Batch: 415319

Client Sample ID: GWA-48

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.6		10.0	11.7		mg/L		100	80 - 120
Fluoride	<0.082	*	10.0	10.4		mg/L		104	80 - 120
Sulfate	1.2		10.0	12.0		mg/L		107	80 - 120

Lab Sample ID: 400-159951-27 MSD

Matrix: Water

Analysis Batch: 415319

Client Sample ID: GWA-48

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.9		mg/L		102	80 - 120	1	20
Fluoride	<0.082	*	10.0	10.8		mg/L		108	80 - 120	3	20
Sulfate	1.2		10.0	12.0		mg/L		108	80 - 120	1	20

Lab Sample ID: MB 400-415375/36

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 14:56	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 14:56	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 14:56	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-415375/37

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	10.0	10.8		mg/L		108	90 - 110
Sulfate	10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: LCSD 400-415375/38

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride	10.0	11.2	*	mg/L		112	90 - 110	3	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	1	15

Lab Sample ID: 400-159951-29 MS

Matrix: Water

Analysis Batch: 415375

Client Sample ID: GWA-45

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10		10.0	20.3		mg/L		99	80 - 120
Fluoride	<0.082	*	10.0	10.9		mg/L		109	80 - 120

Lab Sample ID: 400-159951-29 MSD

Matrix: Water

Analysis Batch: 415375

Client Sample ID: GWA-45

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10		10.0	20.4		mg/L		101	80 - 120	1	20
Fluoride	<0.082	*	10.0	11.2		mg/L		112	80 - 120	3	20

Lab Sample ID: MB 400-415449/4

Matrix: Water

Analysis Batch: 415449

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/15/18 03:52	1
Fluoride	<0.082		0.20	0.082	mg/L			10/15/18 03:52	1
Sulfate	<0.70		1.0	0.70	mg/L			10/15/18 03:52	1

Lab Sample ID: LCS 400-415449/5

Matrix: Water

Analysis Batch: 415449

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.69		mg/L		97	90 - 110
Fluoride	10.0	11.1	*	mg/L		111	90 - 110
Sulfate	10.0	9.82		mg/L		98	90 - 110

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-415449/6

Matrix: Water

Analysis Batch: 415449

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.74		mg/L		97	90 - 110	1	15
Fluoride	10.0	11.3	*	mg/L		113	90 - 110	1	15
Sulfate	10.0	10.0		mg/L		100	90 - 110	2	15

Lab Sample ID: 400-160196-A-1 MS

Matrix: Water

Analysis Batch: 415449

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	18		10.0	27.8		mg/L		95	80 - 120		
Fluoride	0.38	*	10.0	11.1		mg/L		107	80 - 120		
Sulfate	5.0		10.0	15.7		mg/L		107	80 - 120		

Lab Sample ID: 400-160196-A-1 MSD

Matrix: Water

Analysis Batch: 415449

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	18		10.0	27.8		mg/L		95	80 - 120	0	20
Fluoride	0.38	*	10.0	11.1		mg/L		108	80 - 120	0	20
Sulfate	5.0		10.0	15.6		mg/L		106	80 - 120	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-415279/1-A ^5

Matrix: Water

Analysis Batch: 415414

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 415279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 22:17	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 22:17	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 22:17	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:17	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 22:17	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:17	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 22:17	5
Calcium	<0.13		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 22:17	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 22:17	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 22:17	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 22:17	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 22:17	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 22:17	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 22:17	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 22:17	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 22:17	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 22:17	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 400-415279/2-A

Matrix: Water

Analysis Batch: 415414

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 415279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0471		mg/L		94	80 - 120
Arsenic	0.0500	0.0471		mg/L		94	80 - 120
Barium	0.0500	0.0466		mg/L		93	80 - 120
Beryllium	0.0500	0.0474		mg/L		95	80 - 120
Boron	0.100	0.0975		mg/L		97	80 - 120
Cadmium	0.0500	0.0471		mg/L		94	80 - 120
Chromium	0.0500	0.0467		mg/L		93	80 - 120
Calcium	5.00	4.78		mg/L		96	80 - 120
Cobalt	0.0500	0.0494		mg/L		99	80 - 120
Copper	0.0500	0.0497		mg/L		99	80 - 120
Lead	0.0500	0.0464		mg/L		93	80 - 120
Nickel	0.0500	0.0492		mg/L		98	80 - 120
Selenium	0.0500	0.0454		mg/L		91	80 - 120
Silver	0.0500	0.0454		mg/L		91	80 - 120
Thallium	0.0100	0.00896		mg/L		90	80 - 120
Vanadium	0.0500	0.0495		mg/L		99	80 - 120
Zinc	0.0500	0.0489		mg/L		98	80 - 120

Lab Sample ID: 400-159951-B-19-D MS ^5

Matrix: Water

Analysis Batch: 415414

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 415279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	-0.000805		0.0500	0.0548		mg/L		110	75 - 125
Arsenic	-0.0000450		0.0500	0.0540		mg/L		108	75 - 125
Barium	0.0353		0.0500	0.0893		mg/L		108	75 - 125
Beryllium	0.000		0.0500	0.0496		mg/L		99	75 - 125
Boron	0.468		0.100	0.573	4	mg/L		105	75 - 125
Cadmium	0.0000850		0.0500	0.0522		mg/L		104	75 - 125
Chromium	0.00291		0.0500	0.0571		mg/L		108	75 - 125
Calcium	87.7		5.00	100	4	mg/L		251	75 - 125
Cobalt	0.0000400		0.0500	0.0542		mg/L		108	75 - 125
Copper	-0.000315		0.0500	0.0544		mg/L		109	75 - 125
Lead	0.000160		0.0500	0.0480		mg/L		96	75 - 125
Nickel	0.00136		0.0500	0.0548		mg/L		110	75 - 125
Selenium	0.0216		0.0500	0.0708		mg/L		98	75 - 125
Silver	-0.0000350		0.0500	0.0503		mg/L		101	75 - 125
Thallium	-0.0000150		0.0100	0.00934		mg/L		93	75 - 125
Vanadium	0.00160		0.0500	0.0566		mg/L		110	75 - 125
Zinc	0.00589		0.0500	0.0594		mg/L		119	75 - 125

Lab Sample ID: 400-159951-B-19-E MSD ^5

Matrix: Water

Analysis Batch: 415414

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 415279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	-0.000805		0.0500	0.0488		mg/L		98	75 - 125	12	20
Arsenic	-0.0000450		0.0500	0.0473		mg/L		95	75 - 125	13	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-159951-B-19-E MSD ^5

Matrix: Water

Analysis Batch: 415414

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 415279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.0353		0.0500	0.0828		mg/L		95	75 - 125	8	20
Beryllium	0.000		0.0500	0.0490		mg/L		98	75 - 125	1	20
Boron	0.468		0.100	0.559	4	mg/L		91	75 - 125	2	20
Cadmium	0.0000850		0.0500	0.0457		mg/L		91	75 - 125	13	20
Chromium	0.00291		0.0500	0.0525		mg/L		99	75 - 125	8	20
Calcium	87.7		5.00	90.9	4	mg/L		63	75 - 125	10	20
Cobalt	0.0000400		0.0500	0.0490		mg/L		98	75 - 125	10	20
Copper	-0.000315		0.0500	0.0491		mg/L		98	75 - 125	10	20
Lead	0.000160		0.0500	0.0475		mg/L		95	75 - 125	1	20
Nickel	0.00136		0.0500	0.0495		mg/L		99	75 - 125	10	20
Selenium	0.0216		0.0500	0.0689		mg/L		95	75 - 125	3	20
Silver	-0.0000350		0.0500	0.0454		mg/L		91	75 - 125	10	20
Thallium	-0.0000150		0.0100	0.00922		mg/L		92	75 - 125	1	20
Vanadium	0.00160		0.0500	0.0509		mg/L		99	75 - 125	11	20
Zinc	0.00589		0.0500	0.0551		mg/L		110	75 - 125	7	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-414650/13-A

Matrix: Water

Analysis Batch: 415199

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 414650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000784	J	0.00020	0.000070	mg/L		10/09/18 09:52	10/12/18 10:56	1

Lab Sample ID: LCS 400-414650/14-A

Matrix: Water

Analysis Batch: 415199

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 414650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.00109		mg/L		109	80 - 120

Lab Sample ID: 400-160237-F-1-B MS

Matrix: Water

Analysis Batch: 415199

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 414650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000090	J F1 B	0.00201	0.000967	F1	mg/L		44	80 - 120

Lab Sample ID: 400-160237-F-1-C MSD

Matrix: Water

Analysis Batch: 415199

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 414650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000090	J F1 B	0.00201	0.000905	F1	mg/L		40	80 - 120	7	20

TestAmerica Pensacola

Chain of Custody Record

3355 McLeamore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Client Information Client Contact: Ben Hodges Phone: 912-258-7457 E-Mail: cheyenne.whitmire@testamericainc.com		Lab PM: Whitmire, Cheyenne R Carrier Tracking No(s): 400-67348-27427.1 Page: Page 1 of 1 Job #:																																																																									
Company: Southern Company Address: 241 Ralph McGill Blvd SE B10185 City: Atlanta State, Zip: GA, 30308 Phone: SCS10347858 Email: JAbraham@southernco.com Project Name: CCR - Plant Scherer Siler:		Analysis Requested Due Date Requested: TAT Requested (days): PO #: WO #: Project #: SOW#:																																																																									
Sample Identification <table border="1"> <thead> <tr> <th>Sample ID</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=comp, G=grab)</th> <th>MATRIX (W=water, S=solid, O=on-site, BTP=biological, A=air)</th> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>Chloride & Sulfate</th> <th>6020 - Boron & Calcium</th> <th>State 6020 - As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Sb, Se, Ag, Hg, V, Zn & 7470 - Hg</th> <th>Total Number of Containers</th> <th>Special Instructions/Note:</th> </tr> </thead> <tbody> <tr> <td>GWA-21</td> <td>10/3/18</td> <td>1410</td> <td>G</td> <td>Water</td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>D</td> <td>X</td> <td></td> </tr> <tr> <td>GWA-49</td> <td>10/3/18</td> <td>1410</td> <td>G</td> <td>Water</td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>GWA-48</td> <td>10/3/18</td> <td>1300</td> <td>G</td> <td>Water</td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>GWA-22</td> <td>10/3/18</td> <td>1305</td> <td>G</td> <td>Water</td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>GWA-45</td> <td>10/3/18</td> <td>1025</td> <td>G</td> <td>Water</td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>X</td> <td></td> <td></td> </tr> </tbody> </table>		Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	MATRIX (W=water, S=solid, O=on-site, BTP=biological, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Chloride & Sulfate	6020 - Boron & Calcium	State 6020 - As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Sb, Se, Ag, Hg, V, Zn & 7470 - Hg	Total Number of Containers	Special Instructions/Note:	GWA-21	10/3/18	1410	G	Water	N	N	N	N	D	X		GWA-49	10/3/18	1410	G	Water	N	N	N	N	X			GWA-48	10/3/18	1300	G	Water	N	N	N	N	X			GWA-22	10/3/18	1305	G	Water	N	N	N	N	X			GWA-45	10/3/18	1025	G	Water	N	N	N	N	X			Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - NaOH G - Anchor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - As2O3 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	MATRIX (W=water, S=solid, O=on-site, BTP=biological, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Chloride & Sulfate	6020 - Boron & Calcium	State 6020 - As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Sb, Se, Ag, Hg, V, Zn & 7470 - Hg	Total Number of Containers	Special Instructions/Note:																																																																
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GWA-48	10/3/18	1300	G	Water	N	N	N	N	X																																																																		
GWA-22	10/3/18	1305	G	Water	N	N	N	N	X																																																																		
GWA-45	10/3/18	1025	G	Water	N	N	N	N	X																																																																		
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)																																																																											
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																																																																											
Special Instructions/QC Requirements:																																																																											
Empty Kit Relinquished by:																																																																											
Relinquished by: <i>[Signature]</i> Date: 10/4/18 Time: 07:30 Company: Go/82																																																																											
Relinquished by: <i>[Signature]</i> Date: 10/4/18 Time: 09:30 Company: TH																																																																											
Relinquished by: <i>[Signature]</i> Date: 10/4/18 Time: 08:46 Company: TH-SEN																																																																											
Custody Seal No.: <input type="checkbox"/> Yes <input type="checkbox"/> No																																																																											

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-159951-2

SDG Number: PAC Ash

Login Number: 159951

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	634000 634001
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0°C 0.0°C 2.1°C 0.5°C IR-7, 2.6°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-19
Iowa	State Program	7	367	08-01-20
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-19
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-16	09-30-19
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-159951-4

TestAmerica Sample Delivery Group: PAC Ash

Client Project/Site: CCR - Plant Scherer

For:

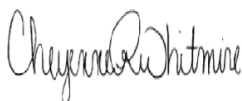
Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

11/30/2018 7:15:03 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Job ID: 400-159951-4

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-159951-4

Metals

Method(s) 7470A: Reanalysis of the following samples were performed outside of the analytical holding time per client request to confirm original runs: GWA-21 (400-159951-25), GWA-49 (400-159951-26), GWA-48 (400-159951-27), GWA-22 (400-159951-28), GWA-45 (400-159951-29), (400-159951-B-21-C), (400-159951-B-21-D MS), (400-159951-B-21-E MSD) and (400-159951-B-21-C SD ^5).

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Client Sample ID: GWA-21

Lab Sample ID: 400-159951-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00030	H	0.00020	0.000070	mg/L	1		7470A	Total/NA

Client Sample ID: GWA-49

Lab Sample ID: 400-159951-26

No Detections.

Client Sample ID: GWA-48

Lab Sample ID: 400-159951-27

No Detections.

Client Sample ID: GWA-22

Lab Sample ID: 400-159951-28

No Detections.

Client Sample ID: GWA-45

Lab Sample ID: 400-159951-29

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Method	Method Description	Protocol	Laboratory
7470A	Mercury (CVAA)	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-159951-25	GWA-21	Water	10/03/18 14:10	10/05/18 08:46
400-159951-26	GWA-49	Water	10/03/18 14:10	10/05/18 08:46
400-159951-27	GWA-48	Water	10/03/18 13:00	10/05/18 08:46
400-159951-28	GWA-22	Water	10/03/18 13:05	10/05/18 08:46
400-159951-29	GWA-45	Water	10/03/18 10:25	10/05/18 08:46

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Client Sample ID: GWA-21
Date Collected: 10/03/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-25
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00030	H	0.00020	0.000070	mg/L	—	11/28/18 13:43	11/29/18 15:18	1

Client Sample ID: GWA-49
Date Collected: 10/03/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-26
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070	H	0.00020	0.000070	mg/L	—	11/28/18 13:43	11/29/18 15:20	1

Client Sample ID: GWA-48
Date Collected: 10/03/18 13:00
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-27
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070	H	0.00020	0.000070	mg/L	—	11/28/18 13:43	11/29/18 15:24	1

Client Sample ID: GWA-22
Date Collected: 10/03/18 13:05
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-28
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070	H	0.00020	0.000070	mg/L	—	11/28/18 13:43	11/29/18 15:26	1

Client Sample ID: GWA-45
Date Collected: 10/03/18 10:25
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-29
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070	H	0.00020	0.000070	mg/L	—	11/28/18 13:43	11/29/18 15:28	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Qualifiers

Metals

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Client Sample ID: GWA-21

Date Collected: 10/03/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			421149	11/28/18 13:43	JAP	TAL PEN
Total/NA	Analysis	7470A		1	421379	11/29/18 15:18	JAP	TAL PEN

Client Sample ID: GWA-49

Date Collected: 10/03/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			421149	11/28/18 13:43	JAP	TAL PEN
Total/NA	Analysis	7470A		1	421379	11/29/18 15:20	JAP	TAL PEN

Client Sample ID: GWA-48

Date Collected: 10/03/18 13:00

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			421149	11/28/18 13:43	JAP	TAL PEN
Total/NA	Analysis	7470A		1	421379	11/29/18 15:24	JAP	TAL PEN

Client Sample ID: GWA-22

Date Collected: 10/03/18 13:05

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			421149	11/28/18 13:43	JAP	TAL PEN
Total/NA	Analysis	7470A		1	421379	11/29/18 15:26	JAP	TAL PEN

Client Sample ID: GWA-45

Date Collected: 10/03/18 10:25

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			421149	11/28/18 13:43	JAP	TAL PEN
Total/NA	Analysis	7470A		1	421379	11/29/18 15:28	JAP	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Metals

Prep Batch: 421149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	7470A	
400-159951-26	GWA-49	Total/NA	Water	7470A	
400-159951-27	GWA-48	Total/NA	Water	7470A	
400-159951-28	GWA-22	Total/NA	Water	7470A	
400-159951-29	GWA-45	Total/NA	Water	7470A	
MB 400-421149/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-421149/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-159951-B-21-D MS	Matrix Spike	Total/NA	Water	7470A	
400-159951-B-21-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 421379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	7470A	421149
400-159951-26	GWA-49	Total/NA	Water	7470A	421149
400-159951-27	GWA-48	Total/NA	Water	7470A	421149
400-159951-28	GWA-22	Total/NA	Water	7470A	421149
400-159951-29	GWA-45	Total/NA	Water	7470A	421149
MB 400-421149/14-A	Method Blank	Total/NA	Water	7470A	421149
LCS 400-421149/15-A	Lab Control Sample	Total/NA	Water	7470A	421149
400-159951-B-21-D MS	Matrix Spike	Total/NA	Water	7470A	421149
400-159951-B-21-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	421149

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-421149/14-A
Matrix: Water
Analysis Batch: 421379

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 421149

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L	-	11/28/18 13:42	11/29/18 14:54	1

Lab Sample ID: LCS 400-421149/15-A
Matrix: Water
Analysis Batch: 421379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 421149

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.000930		mg/L	-	92	80 - 120

Lab Sample ID: 400-159951-B-21-D MS
Matrix: Water
Analysis Batch: 421379

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 421149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000070		0.00201	0.00204		mg/L	-	101	80 - 120

Lab Sample ID: 400-159951-B-21-E MSD
Matrix: Water
Analysis Batch: 421379

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 421149

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.000070		0.00201	0.00189		mg/L	-	94	80 - 120	8	20

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-159951-4

SDG Number: PAC Ash

Login Number: 159951

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	634000 634001
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0°C 0.0°C 2.1°C 0.5°C IR-7, 2.6°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-19
Iowa	State Program	7	367	08-01-20
Kansas	NELAP	7	E-10253	10-31-18 *
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA180023	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-19
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-15	09-30-19
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Pensacola

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-160138-1

TestAmerica Sample Delivery Group: PAC Ash

Client Project/Site: CCR - Plant Scherer

For:

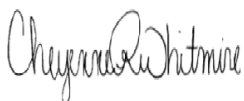
Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

10/30/2018 2:32:07 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Job ID: 400-160138-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-160138-1

HPLC/IC

Method(s) 300.0: The laboratory control sample duplicate (LCSD) for analytical batch 415319 recovered outside control limits for the following analytes: Fluoride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 300.0: The laboratory control sample duplicate (LCSD) for analytical batch 415375 recovered outside control limits for the following analytes: Fluoride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 300.0: The following sample was diluted to bring the concentration of target analytes within the calibration range: GWC-53 (400-160138-9). Elevated reporting limits (RLs) are provided.

General Chemistry

Method(s) SM 2540C: The sample duplicate (DUP) precision for analytical batch 414994 was outside control limits. Sample non-homogeneity is suspected.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWA-46

Lab Sample ID: 400-160138-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.019		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0047		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	5.4		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.0034		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	48		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-1(PA)

Lab Sample ID: 400-160138-2

No Detections.

Client Sample ID: GWC-50

Lab Sample ID: 400-160138-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.012		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0050		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	6.7		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.0037		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Zinc	0.0076	J	0.020	0.0065	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	110		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-2(PA)

Lab Sample ID: 400-160138-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.0020	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable

Client Sample ID: GWC-51

Lab Sample ID: 400-160138-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.0093		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0041		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	6.4		0.25	0.13	mg/L	5		6020	Total Recoverable
Nickel	0.0024	J	0.0025	0.0018	mg/L	5		6020	Total Recoverable
Vanadium	0.0066		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	96		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FD-1(PA)

Lab Sample ID: 400-160138-6

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FD-1(PA) (Continued)

Lab Sample ID: 400-160138-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	2.8		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.017		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0013	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	9.8		0.25	0.13	mg/L	5		6020	Total Recoverable
Nickel	0.0033		0.0025	0.0018	mg/L	5		6020	Total Recoverable
Vanadium	0.0075		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	88		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FD-2(PA)

Lab Sample ID: 400-160138-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.8		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.0093		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0040		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	6.4		0.25	0.13	mg/L	5		6020	Total Recoverable
Nickel	0.0020	J	0.0025	0.0018	mg/L	5		6020	Total Recoverable
Vanadium	0.0075		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	60		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-52

Lab Sample ID: 400-160138-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	23		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.013		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.016		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	14		0.25	0.13	mg/L	5		6020	Total Recoverable
Selenium	0.00040	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Vanadium	0.013		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	190		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-53

Lab Sample ID: 400-160138-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	170		10	7.0	mg/L	10		300.0	Total/NA
Barium	0.042		0.0025	0.00049	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-53 (Continued)

Lab Sample ID: 400-160138-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Boron	0.92		0.050	0.021	mg/L	5			6020	Total Recoverable
Calcium	17		0.25	0.13	mg/L	5			6020	Total Recoverable
Cobalt	0.016		0.0025	0.00040	mg/L	5			6020	Total Recoverable
Nickel	0.0073		0.0025	0.0018	mg/L	5			6020	Total Recoverable
Vanadium	0.0037		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Zinc	0.017	J	0.020	0.0065	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	320		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: EB-1(PA)

Lab Sample ID: 400-160138-10

No Detections.

Client Sample ID: GWC-29

Lab Sample ID: 400-160138-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.89	mg/L	1			300.0	Total/NA
Sulfate	2.8		1.0	0.70	mg/L	1			300.0	Total/NA
Barium	0.018		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0014	J	0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	10		0.25	0.13	mg/L	5			6020	Total Recoverable
Nickel	0.0037		0.0025	0.0018	mg/L	5			6020	Total Recoverable
Selenium	0.00032	J	0.0013	0.00024	mg/L	5			6020	Total Recoverable
Vanadium	0.0053		0.0025	0.0014	mg/L	5			6020	Total Recoverable
Total Dissolved Solids	130		5.0	3.4	mg/L	1			SM 2540C	Total/NA

Client Sample ID: FB-2(PA)

Lab Sample ID: 400-160138-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Vanadium	0.0018	J	0.0025	0.0014	mg/L	5			6020	Total Recoverable

Client Sample ID: GWA-47

Lab Sample ID: 400-160138-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.89	mg/L	1			300.0	Total/NA
Barium	0.026		0.0025	0.00049	mg/L	5			6020	Total Recoverable
Chromium	0.0083		0.0025	0.0011	mg/L	5			6020	Total Recoverable
Calcium	11		0.25	0.13	mg/L	5			6020	Total Recoverable
Vanadium	0.0092		0.0025	0.0014	mg/L	5			6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWA-47 (Continued)

Lab Sample ID: 400-160138-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	90		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-160138-1	GWA-46	Water	10/04/18 10:45	10/06/18 08:31
400-160138-2	FB-1(PA)	Water	10/04/18 10:20	10/06/18 08:31
400-160138-3	GWC-50	Water	10/04/18 15:05	10/06/18 08:31
400-160138-4	EB-2(PA)	Water	10/04/18 15:35	10/06/18 08:31
400-160138-5	GWC-51	Water	10/04/18 10:25	10/06/18 08:31
400-160138-6	FD-1(PA)	Water	10/04/18 00:00	10/06/18 08:31
400-160138-7	FD-2(PA)	Water	10/04/18 00:00	10/06/18 08:31
400-160138-8	GWC-52	Water	10/04/18 12:50	10/06/18 08:31
400-160138-9	GWC-53	Water	10/04/18 13:55	10/06/18 08:31
400-160138-10	EB-1(PA)	Water	10/04/18 15:10	10/06/18 08:31
400-160138-11	GWC-29	Water	10/04/18 09:15	10/06/18 08:31
400-160138-12	FB-2(PA)	Water	10/04/18 14:45	10/06/18 08:31
400-160138-13	GWA-47	Water	10/05/18 09:40	10/06/18 08:31

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWA-46
Date Collected: 10/04/18 10:45
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-1
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.9		1.0	0.89	mg/L			10/13/18 07:43	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 07:43	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 07:43	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:24	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:24	5
Barium	0.019		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:24	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:24	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:24	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:24	5
Chromium	0.0047		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:24	5
Calcium	5.4		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:24	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:24	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:24	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:24	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:24	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:24	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:24	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:24	5
Vanadium	0.0034		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:24	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:24	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 11:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	48		5.0	3.4	mg/L			10/10/18 11:10	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FB-1(PA)

Date Collected: 10/04/18 10:20

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-2

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 08:06	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 08:06	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 08:06	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:28	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:28	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:28	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:28	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:28	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:28	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:28	5
Calcium	<0.13		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:28	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:28	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:28	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:28	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:28	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:28	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:28	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:28	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:28	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:28	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 11:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/10/18 11:10	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-50
Date Collected: 10/04/18 15:05
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-3
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.89	mg/L			10/13/18 08:28	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 08:28	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 08:28	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:33	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:33	5
Barium	0.012		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:33	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:33	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:33	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:33	5
Chromium	0.0050		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:33	5
Calcium	6.7		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:33	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:33	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:33	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:33	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:33	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:33	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:33	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:33	5
Vanadium	0.0037		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:33	5
Zinc	0.0076	J	0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:33	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 11:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: EB-2(PA)

Date Collected: 10/04/18 15:35

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-4

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 09:37	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 09:37	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 09:37	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:38	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:38	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:38	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:38	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:38	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:38	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:38	5
Calcium	<0.13		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:38	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:38	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:38	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:38	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:38	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:38	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:38	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:38	5
Vanadium	0.0020	J	0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:38	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:38	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 11:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-51
Date Collected: 10/04/18 10:25
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-5
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.9		1.0	0.89	mg/L			10/13/18 10:00	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 10:00	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 10:00	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:42	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:42	5
Barium	0.0093		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:42	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:42	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:42	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:42	5
Chromium	0.0041		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:42	5
Calcium	6.4		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:42	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:42	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:42	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:42	5
Nickel	0.0024	J	0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:42	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:42	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:42	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:42	5
Vanadium	0.0066		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:42	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:42	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	96		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FD-1(PA)

Date Collected: 10/04/18 00:00

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-6

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.89	mg/L			10/13/18 10:23	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 10:23	1
Sulfate	2.8		1.0	0.70	mg/L			10/13/18 10:23	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:47	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:47	5
Barium	0.017		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:47	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:47	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:47	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:47	5
Chromium	0.0013	J	0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:47	5
Calcium	9.8		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:47	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:47	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:47	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:47	5
Nickel	0.0033		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:47	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:47	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:47	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:47	5
Vanadium	0.0075		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:47	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:47	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	88		5.0	3.4	mg/L			10/09/18 17:44	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FD-2(PA)

Date Collected: 10/04/18 00:00

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-7

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.8		1.0	0.89	mg/L			10/13/18 11:31	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 11:31	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 11:31	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:51	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:51	5
Barium	0.0093		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:51	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:51	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:51	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:51	5
Chromium	0.0040		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:51	5
Calcium	6.4		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:51	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:51	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:51	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:51	5
Nickel	0.0020	J	0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:51	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:51	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:51	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:51	5
Vanadium	0.0075		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:51	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:51	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	60		5.0	3.4	mg/L			10/09/18 17:44	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-52
Date Collected: 10/04/18 12:50
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-8
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.1		1.0	0.89	mg/L			10/13/18 11:54	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 11:54	1
Sulfate	23		1.0	0.70	mg/L			10/13/18 11:54	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:56	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:56	5
Barium	0.013		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:56	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:56	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:56	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:56	5
Chromium	0.016		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:56	5
Calcium	14		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:56	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:56	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:56	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:56	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:56	5
Selenium	0.00040	J	0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:56	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:56	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:56	5
Vanadium	0.013		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:56	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:56	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	190		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-53
Date Collected: 10/04/18 13:55
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-9
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.0	0.89	mg/L			10/13/18 12:17	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 12:17	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	170		10	7.0	mg/L			10/15/18 06:09	10

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 20:00	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 20:00	5
Barium	0.042		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 20:00	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:00	5
Boron	0.92		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 20:00	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:00	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 20:00	5
Calcium	17		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 20:00	5
Cobalt	0.016		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 20:00	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 20:00	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 20:00	5
Nickel	0.0073		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 20:00	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 20:00	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 20:00	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 20:00	5
Vanadium	0.0037		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 20:00	5
Zinc	0.017	J	0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 20:00	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	320		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: EB-1(PA)

Date Collected: 10/04/18 15:10

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-10

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 12:40	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 12:40	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 12:40	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 20:04	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 20:04	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 20:04	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:04	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 20:04	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:04	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 20:04	5
Calcium	<0.13		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 20:04	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 20:04	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 20:04	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 20:04	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 20:04	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 20:04	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 20:04	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 20:04	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 20:04	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/16/18 09:36	10/17/18 17:18	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-29
Date Collected: 10/04/18 09:15
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-11
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.89	mg/L			10/13/18 13:02	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 13:02	1
Sulfate	2.8		1.0	0.70	mg/L			10/13/18 13:02	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 20:27	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 20:27	5
Barium	0.018		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 20:27	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:27	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 20:27	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:27	5
Chromium	0.0014	J	0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 20:27	5
Calcium	10		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 20:27	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 20:27	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 20:27	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 20:27	5
Nickel	0.0037		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 20:27	5
Selenium	0.00032	J	0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 20:27	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 20:27	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 20:27	5
Vanadium	0.0053		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 20:27	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 20:27	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	130		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FB-2(PA)

Date Collected: 10/04/18 14:45

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-12

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L	-		10/13/18 13:25	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 13:25	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 13:25	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L	-	10/16/18 09:36	10/16/18 20:31	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 20:31	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 20:31	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:31	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 20:31	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:31	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 20:31	5
Calcium	<0.13		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 20:31	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 20:31	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 20:31	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 20:31	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 20:31	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 20:31	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 20:31	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 20:31	5
Vanadium	0.0018	J	0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 20:31	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 20:31	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L	-	10/15/18 14:40	10/18/18 12:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L	-		10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWA-47
Date Collected: 10/05/18 09:40
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-13
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.89	mg/L			10/13/18 17:14	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 17:14	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 17:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 20:36	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 20:36	5
Barium	0.026		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 20:36	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:36	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 20:36	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:36	5
Chromium	0.0083		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 20:36	5
Calcium	11		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 20:36	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 20:36	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 20:36	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 20:36	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 20:36	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 20:36	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 20:36	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 20:36	5
Vanadium	0.0092		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 20:36	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 20:36	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	90		5.0	3.4	mg/L			10/11/18 14:37	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
*	LCS or LCSD is outside acceptance limits.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWA-46

Date Collected: 10/04/18 10:45

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 07:43	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:24	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 11:34	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414852	10/10/18 11:10	CLB	TAL PEN

Client Sample ID: FB-1(PA)

Date Collected: 10/04/18 10:20

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 08:06	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:28	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 11:41	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414852	10/10/18 11:10	CLB	TAL PEN

Client Sample ID: GWC-50

Date Collected: 10/04/18 15:05

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 08:28	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:33	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 11:43	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: EB-2(PA)

Date Collected: 10/04/18 15:35

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 09:37	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:38	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 11:45	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-51

Date Collected: 10/04/18 10:25

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 10:00	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:42	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:29	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: FD-1(PA)

Date Collected: 10/04/18 00:00

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 10:23	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:47	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:40	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414797	10/09/18 17:44	DEK	TAL PEN

Client Sample ID: FD-2(PA)

Date Collected: 10/04/18 00:00

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 11:31	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:51	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:42	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414797	10/09/18 17:44	DEK	TAL PEN

Client Sample ID: GWC-52

Date Collected: 10/04/18 12:50

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 11:54	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:56	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:44	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-53

Date Collected: 10/04/18 13:55

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 12:17	BAW	TAL PEN
Total/NA	Analysis	300.0	DL	10	415449	10/15/18 06:09	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 20:00	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:46	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: EB-1(PA)

Date Collected: 10/04/18 15:10

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 12:40	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 20:04	DRE	TAL PEN
Total Recoverable	Prep	3005A	RA		415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020	RA	5	415935	10/17/18 17:18	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:48	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: GWC-29

Date Collected: 10/04/18 09:15

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 13:02	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 20:27	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:50	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: FB-2(PA)

Date Collected: 10/04/18 14:45

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 13:25	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 20:31	DRE	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FB-2(PA)

Date Collected: 10/04/18 14:45

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:51	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: GWA-47

Date Collected: 10/05/18 09:40

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415375	10/13/18 17:14	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 20:36	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:53	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	415029	10/11/18 14:37	CLB	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

HPLC/IC

Analysis Batch: 415319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total/NA	Water	300.0	
400-160138-2	FB-1(PA)	Total/NA	Water	300.0	
400-160138-3	GWC-50	Total/NA	Water	300.0	
400-160138-4	EB-2(PA)	Total/NA	Water	300.0	
400-160138-5	GWC-51	Total/NA	Water	300.0	
400-160138-6	FD-1(PA)	Total/NA	Water	300.0	
400-160138-7	FD-2(PA)	Total/NA	Water	300.0	
400-160138-8	GWC-52	Total/NA	Water	300.0	
400-160138-9	GWC-53	Total/NA	Water	300.0	
400-160138-10	EB-1(PA)	Total/NA	Water	300.0	
400-160138-11	GWC-29	Total/NA	Water	300.0	
400-160138-12	FB-2(PA)	Total/NA	Water	300.0	
MB 400-415319/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415319/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415319/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-A-27 MS	Matrix Spike	Total/NA	Water	300.0	
400-159951-A-27 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-13	GWA-47	Total/NA	Water	300.0	
MB 400-415375/36	Method Blank	Total/NA	Water	300.0	
LCS 400-415375/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415375/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-A-29 MS	Matrix Spike	Total/NA	Water	300.0	
400-159951-A-29 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-9 - DL	GWC-53	Total/NA	Water	300.0	
MB 400-415449/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415449/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415449/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-160196-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-160196-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 415482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total/NA	Water	7470A	
400-160138-2	FB-1(PA)	Total/NA	Water	7470A	
400-160138-3	GWC-50	Total/NA	Water	7470A	
400-160138-4	EB-2(PA)	Total/NA	Water	7470A	
400-160138-5	GWC-51	Total/NA	Water	7470A	
400-160138-6	FD-1(PA)	Total/NA	Water	7470A	
400-160138-7	FD-2(PA)	Total/NA	Water	7470A	
400-160138-8	GWC-52	Total/NA	Water	7470A	
400-160138-9	GWC-53	Total/NA	Water	7470A	
400-160138-10	EB-1(PA)	Total/NA	Water	7470A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Metals (Continued)

Prep Batch: 415482 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-11	GWC-29	Total/NA	Water	7470A	
400-160138-12	FB-2(PA)	Total/NA	Water	7470A	
400-160138-13	GWA-47	Total/NA	Water	7470A	
MB 400-415482/13-A	Method Blank	Total/NA	Water	7470A	
LCS 400-415482/14-A	Lab Control Sample	Total/NA	Water	7470A	
400-160138-1 MS	GWA-46	Total/NA	Water	7470A	
400-160138-1 MSD	GWA-46	Total/NA	Water	7470A	

Prep Batch: 415589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total Recoverable	Water	3005A	
400-160138-2	FB-1(PA)	Total Recoverable	Water	3005A	
400-160138-3	GWC-50	Total Recoverable	Water	3005A	
400-160138-4	EB-2(PA)	Total Recoverable	Water	3005A	
400-160138-5	GWC-51	Total Recoverable	Water	3005A	
400-160138-6	FD-1(PA)	Total Recoverable	Water	3005A	
400-160138-7	FD-2(PA)	Total Recoverable	Water	3005A	
400-160138-8	GWC-52	Total Recoverable	Water	3005A	
400-160138-9	GWC-53	Total Recoverable	Water	3005A	
400-160138-10 - RA	EB-1(PA)	Total Recoverable	Water	3005A	
400-160138-10	EB-1(PA)	Total Recoverable	Water	3005A	
400-160138-11	GWC-29	Total Recoverable	Water	3005A	
400-160138-12	FB-2(PA)	Total Recoverable	Water	3005A	
400-160138-13	GWA-47	Total Recoverable	Water	3005A	
MB 400-415589/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-415589/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-159905-E-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-159905-E-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 415796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total Recoverable	Water	6020	415589
400-160138-2	FB-1(PA)	Total Recoverable	Water	6020	415589
400-160138-3	GWC-50	Total Recoverable	Water	6020	415589
400-160138-4	EB-2(PA)	Total Recoverable	Water	6020	415589
400-160138-5	GWC-51	Total Recoverable	Water	6020	415589
400-160138-6	FD-1(PA)	Total Recoverable	Water	6020	415589
400-160138-7	FD-2(PA)	Total Recoverable	Water	6020	415589
400-160138-8	GWC-52	Total Recoverable	Water	6020	415589
400-160138-9	GWC-53	Total Recoverable	Water	6020	415589
400-160138-10	EB-1(PA)	Total Recoverable	Water	6020	415589
400-160138-11	GWC-29	Total Recoverable	Water	6020	415589
400-160138-12	FB-2(PA)	Total Recoverable	Water	6020	415589
400-160138-13	GWA-47	Total Recoverable	Water	6020	415589
MB 400-415589/1-A ^5	Method Blank	Total Recoverable	Water	6020	415589
LCS 400-415589/2-A	Lab Control Sample	Total Recoverable	Water	6020	415589
400-159905-E-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	415589
400-159905-E-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	415589

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Metals (Continued)

Analysis Batch: 415935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-10 - RA	EB-1(PA)	Total Recoverable	Water	6020	415589

Analysis Batch: 416025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total/NA	Water	7470A	415482
400-160138-2	FB-1(PA)	Total/NA	Water	7470A	415482
400-160138-3	GWC-50	Total/NA	Water	7470A	415482
400-160138-4	EB-2(PA)	Total/NA	Water	7470A	415482
400-160138-5	GWC-51	Total/NA	Water	7470A	415482
400-160138-6	FD-1(PA)	Total/NA	Water	7470A	415482
400-160138-7	FD-2(PA)	Total/NA	Water	7470A	415482
400-160138-8	GWC-52	Total/NA	Water	7470A	415482
400-160138-9	GWC-53	Total/NA	Water	7470A	415482
400-160138-10	EB-1(PA)	Total/NA	Water	7470A	415482
400-160138-11	GWC-29	Total/NA	Water	7470A	415482
400-160138-12	FB-2(PA)	Total/NA	Water	7470A	415482
400-160138-13	GWA-47	Total/NA	Water	7470A	415482
MB 400-415482/13-A	Method Blank	Total/NA	Water	7470A	415482
LCS 400-415482/14-A	Lab Control Sample	Total/NA	Water	7470A	415482
400-160138-1 MS	GWA-46	Total/NA	Water	7470A	415482
400-160138-1 MSD	GWA-46	Total/NA	Water	7470A	415482

General Chemistry

Analysis Batch: 414797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-6	FD-1(PA)	Total/NA	Water	SM 2540C	
400-160138-7	FD-2(PA)	Total/NA	Water	SM 2540C	
MB 400-414797/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414797/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160175-A-18 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 414852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total/NA	Water	SM 2540C	
400-160138-2	FB-1(PA)	Total/NA	Water	SM 2540C	
MB 400-414852/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414852/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160176-J-8 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 414994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-3	GWC-50	Total/NA	Water	SM 2540C	
400-160138-4	EB-2(PA)	Total/NA	Water	SM 2540C	
400-160138-5	GWC-51	Total/NA	Water	SM 2540C	
400-160138-8	GWC-52	Total/NA	Water	SM 2540C	
400-160138-9	GWC-53	Total/NA	Water	SM 2540C	
400-160138-10	EB-1(PA)	Total/NA	Water	SM 2540C	
400-160138-11	GWC-29	Total/NA	Water	SM 2540C	
400-160138-12	FB-2(PA)	Total/NA	Water	SM 2540C	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

General Chemistry (Continued)

Analysis Batch: 414994 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-414994/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414994/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160138-3 DU	GWC-50	Total/NA	Water	SM 2540C	

Analysis Batch: 415029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-13	GWA-47	Total/NA	Water	SM 2540C	
MB 400-415029/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-415029/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160146-E-2 DU	Duplicate	Total/NA	Water	SM 2540C	

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-415319/4

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 02:08	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 02:08	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 02:08	1

Lab Sample ID: LCS 400-415319/5

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	10.0	10.7		mg/L		107	90 - 110
Sulfate	10.0	10.5		mg/L		105	90 - 110

Lab Sample ID: LCSD 400-415319/6

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15
Fluoride	10.0	11.1	*	mg/L		111	90 - 110	3	15
Sulfate	10.0	10.4		mg/L		104	90 - 110	1	15

Lab Sample ID: 400-159951-A-27 MS

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.6		10.0	11.7		mg/L		100	80 - 120
Fluoride	<0.082	*	10.0	10.4		mg/L		104	80 - 120
Sulfate	1.2		10.0	12.0		mg/L		107	80 - 120

Lab Sample ID: 400-159951-A-27 MSD

Matrix: Water

Analysis Batch: 415319

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.9		mg/L		102	80 - 120	1	20
Fluoride	<0.082	*	10.0	10.8		mg/L		108	80 - 120	3	20
Sulfate	1.2		10.0	12.0		mg/L		108	80 - 120	1	20

Lab Sample ID: MB 400-415375/36

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 14:56	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 14:56	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 14:56	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-415375/37

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	10.0	10.8		mg/L		108	90 - 110
Sulfate	10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: LCSD 400-415375/38

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride	10.0	11.2	*	mg/L		112	90 - 110	3	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	1	15

Lab Sample ID: 400-159951-A-29 MS

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10		10.0	20.3		mg/L		99	80 - 120
Fluoride	<0.082	*	10.0	10.9		mg/L		109	80 - 120
Sulfate	150	E	10.0	159	E 4	mg/L		88	80 - 120

Lab Sample ID: 400-159951-A-29 MSD

Matrix: Water

Analysis Batch: 415375

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10		10.0	20.4		mg/L		101	80 - 120	1	20
Fluoride	<0.082	*	10.0	11.2		mg/L		112	80 - 120	3	20
Sulfate	150	E	10.0	159	E 4	mg/L		93	80 - 120	0	20

Lab Sample ID: MB 400-415449/4

Matrix: Water

Analysis Batch: 415449

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.70		1.0	0.70	mg/L			10/15/18 03:52	1

Lab Sample ID: LCS 400-415449/5

Matrix: Water

Analysis Batch: 415449

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	9.82		mg/L		98	90 - 110

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-415449/6

Matrix: Water

Analysis Batch: 415449

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	10.0	10.0		mg/L		100	90 - 110	2	15

Lab Sample ID: 400-160196-A-1 MS

Matrix: Water

Analysis Batch: 415449

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	5.0		10.0	15.7		mg/L		107	80 - 120		

Lab Sample ID: 400-160196-A-1 MSD

Matrix: Water

Analysis Batch: 415449

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	5.0		10.0	15.6		mg/L		106	80 - 120	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-415589/1-A ^5

Matrix: Water

Analysis Batch: 415796

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 415589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 18:17	5
Calcium	<0.13		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 18:17	5

Lab Sample ID: LCS 400-415589/2-A

Matrix: Water

Analysis Batch: 415796

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 415589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	0.100	0.0920		mg/L		92	80 - 120		
Calcium	5.00	5.03		mg/L		101	80 - 120		

Lab Sample ID: 400-159905-E-1-B MS ^5

Matrix: Water

Analysis Batch: 415796

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 415589

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	<0.021		0.100	0.101		mg/L		101	75 - 125		
Calcium	1.1		5.00	5.98		mg/L		97	75 - 125		

Lab Sample ID: 400-159905-E-1-C MSD ^5

Matrix: Water

Analysis Batch: 415796

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 415589

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	<0.021		0.100	0.100		mg/L		100	75 - 125	0	20
Calcium	1.1		5.00	5.98		mg/L		97	75 - 125	0	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-415482/13-A
Matrix: Water
Analysis Batch: 416025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 415482

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L	-	10/15/18 14:40	10/18/18 11:30	1

Lab Sample ID: LCS 400-415482/14-A
Matrix: Water
Analysis Batch: 416025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 415482

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.000988		mg/L	-	98	80 - 120

Lab Sample ID: 400-160138-1 MS
Matrix: Water
Analysis Batch: 416025

Client Sample ID: GWA-46
Prep Type: Total/NA
Prep Batch: 415482

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000070		0.00201	0.00200		mg/L	-	99	80 - 120

Lab Sample ID: 400-160138-1 MSD
Matrix: Water
Analysis Batch: 416025

Client Sample ID: GWA-46
Prep Type: Total/NA
Prep Batch: 415482

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.000070		0.00201	0.00197		mg/L	-	98	80 - 120	1	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-414797/1
Matrix: Water
Analysis Batch: 414797

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L	-		10/09/18 17:44	1

Lab Sample ID: LCS 400-414797/2
Matrix: Water
Analysis Batch: 414797

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	258		mg/L	-	88	78 - 122

Lab Sample ID: 400-160175-A-18 DU
Matrix: Water
Analysis Batch: 414797

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	86		90.0		mg/L	-	5	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 400-414852/1

Matrix: Water

Analysis Batch: 414852

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L	-		10/10/18 11:10	1

Lab Sample ID: LCS 400-414852/2

Matrix: Water

Analysis Batch: 414852

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	258		mg/L	-	88	78 - 122

Lab Sample ID: 400-160176-J-8 DU

Matrix: Water

Analysis Batch: 414852

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	450		450		mg/L	-	0.9	5

Lab Sample ID: MB 400-414994/1

Matrix: Water

Analysis Batch: 414994

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L	-		10/11/18 12:14	1

Lab Sample ID: LCS 400-414994/2

Matrix: Water

Analysis Batch: 414994

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	302		mg/L	-	103	78 - 122

Lab Sample ID: 400-160138-3 DU

Matrix: Water

Analysis Batch: 414994

Client Sample ID: GWC-50

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	110		114		mg/L	-	0	5

Lab Sample ID: MB 400-415029/1

Matrix: Water

Analysis Batch: 415029

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L	-		10/11/18 14:37	1

Lab Sample ID: LCS 400-415029/2

Matrix: Water

Analysis Batch: 415029

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	304		mg/L	-	104	78 - 122

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Lab Sample ID: 400-160146-E-2 DU
Matrix: Water
Analysis Batch: 415029

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	150		146		mg/L	-	1	5

1

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Chain of Custody Record

3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Client Information Client Contact: Joju Abraham Southern Company Address: 241 Ralph McGill Blvd SE B10185 City: Atlanta State/Zip: GA, 30308 Phone: SCS10347656 Email: JAbraham@southernco.com Project Name: CCR - Plant Scherer Site: PAC Ash Cell		Lab PM: Whitmire, Chyenne R E-Mail: chyenne.whitmire@testamericainc.com Carrier Tracking No(s): 400-67346-27427.1 Page: Page 1 of 1 Job #:	
Analysis Requested Due Date Requested: TAT Requested (days): PO #: WO #: Project #: SOW#:		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Sample Identification Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=on-site, BT=Tissue, A=Air) Preservation Code:		Total Number of Containers Special Instructions/Note:	
GWA-46 FB-1(PA) GWC-50 EB-2(PA) GWC-51 FD-1(PA) FD-2(PA) GWC-52 GWC-53 EB-1(PA) GWC-29 FB-2(PA) GWA-47		10/4/18 10/4/18 10/4/18 10/4/18 10/4/18 10/4/18 10/4/18 10/4/18 10/4/18 10/4/18 10/4/18 10/4/18 10/5/18	
1045 1020 1505 1535 1025 -- -- 1250 1355 1510 0915 1445 0940		N N N N N N N N N N N N	
State 6020 - As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn & 7470 - Hg 6020 - Boron & Calcium 2540C - Total Dissolved Solids, 300_ORGFM_28D-Fluoride, Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No)		D D N X X X X X X X X X X	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Ammable <input type="checkbox"/> Poison B <input type="checkbox"/> Down <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Empty Kit Relinquished by:		Special Instructions/QC Requirements: Equi Golder_Rad UDS and Equi Golder UDS EDDS	
Relinquished by: [Signature] Date: 10-5-18/15:44 Company: G2id		Date/Time: 10/5/18 15:44 Company: TAT	
Relinquished by: [Signature] Date: 10/5/18 16:00 Company: TAT		Date/Time: 10-5-18 0831 Company: TAT-PEN	
Relinquished by: [Signature] Date: 10/5/18 16:00 Company: TAT		Date/Time: 10-5-18 0831 Company: TAT-PEN	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Cooler Temperature(s) and Other Remarks: 0.70°C 4.20°C 1R-7		Method of Shipment:	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-160138-1

SDG Number: PAC Ash

Login Number: 160138

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.2°C 0.7°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-19
Iowa	State Program	7	367	08-01-20
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-19
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-16	09-30-19
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

Product Name: Low-Flow System

Date: 2018-10-02 11:28:43

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 34 ft

Pump placement from TOC 34 ft

Well Information:

Well ID GWC-1
Well diameter 2 in
Well Total Depth 38.72 ft
Screen Length 10 ft
Depth to Water 9.50 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2417564 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4.2 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	11:15:04	300.03	20.76	6.57	189.87	0.42	9.85	5.24	84.02
Last 5	11:20:04	600.03	20.58	6.57	188.07	0.21	9.85	5.28	81.11
Last 5	11:25:04	900.02	20.32	6.57	187.98	0.28	9.85	5.34	79.01
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.18	0.00	-1.80			0.04	-2.91
Variance 2			-0.26	0.00	-0.09			0.06	-2.10

Notes

Started purging GWC-1 at 1110
Stopped purging and began sampling at 1125

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 14:13:41

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 54 ft

Pump placement from TOC 54 ft

Well Information:

Well ID GWC-2
Well diameter 2 in
Well Total Depth 58.74 ft
Screen Length 10 ft
Depth to Water 13.88 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.3310249 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 19.68 in
Total Volume Pumped 4 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Stabilization									
Last 5	13:55:11	300.03	21.44	6.49	170.64	0.22	15.24	4.02	81.78
Last 5	14:00:11	600.03	21.41	6.50	167.76	0.30	15.37	3.83	92.34
Last 5	14:05:11	900.03	21.29	6.50	167.59	0.39	15.45	3.87	92.56
Last 5	14:10:11	1200.02	21.20	6.51	166.85	0.00	15.52	3.83	92.67
Last 5									
Variance 0			-0.02	0.01	-2.87			-0.20	10.56
Variance 1			-0.13	0.00	-0.17			0.04	0.22
Variance 2			-0.09	0.00	-0.74			-0.04	0.11

Notes

Started purging GWC-2 at 1350
Stopped purging GWC-2 at 1410 and began sampling

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 09:08:00

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 45 ft

Pump placement from TOC 45 ft

Well Information:

Well ID GWC-3
Well diameter 2 in
Well Total Depth 50.16 ft
Screen Length 10 ft
Depth to Water 31.05 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.415854 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.4 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	08:45:55	300.81	19.63	5.98	107.44	12.00	31.20	5.80	111.35
Last 5	08:50:55	600.75	18.89	5.98	107.11	6.72	31.23	5.37	95.52
Last 5	08:55:55	900.75	18.79	5.98	106.74	5.68	31.23	5.29	90.66
Last 5	09:00:55	1200.75	18.75	5.96	106.34	4.79	31.23	5.20	88.78
Last 5	09:05:55	1500.75	18.75	5.97	106.13	4.20	31.23	5.17	87.23
Variance 0			-0.10	0.00	-0.37			-0.09	-4.86
Variance 1			-0.04	-0.02	-0.40			-0.09	-1.88
Variance 2			0.00	0.02	-0.21			-0.03	-1.56

Notes

Sampled at 0905

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 10:37:26

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 38 ft

Pump placement from TOC 38 ft

Well Information:

Well ID GWC-4
Well diameter 2 in
Well Total Depth 43.41 ft
Screen Length 10 ft
Depth to Water 30.92 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.3846101 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.36 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	10:15:09	300.09	21.15	6.29	179.64	5.05	31.20	4.38	248.75
Last 5	10:20:09	600.03	20.42	6.24	186.54	1.65	31.20	4.26	233.60
Last 5	10:25:09	900.02	20.37	6.24	185.04	0.63	31.20	4.11	224.86
Last 5	10:30:09	1200.02	20.50	6.24	184.53	2.61	31.20	4.05	221.18
Last 5	10:35:09	1500.01	20.41	6.25	181.60	0.38	31.20	4.00	219.61
Variance 0			-0.05	0.00	-1.50			-0.15	-8.74
Variance 1			0.13	-0.01	-0.50			-0.06	-3.68
Variance 2			-0.10	0.01	-2.93			-0.04	-1.57

Notes

Sampled GWC-4 at 1035. FB-2 (LF) taken here

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 09:13:55

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 29 ft

Pump placement from TOC 29 ft

Well Information:

Well ID GWC-5
Well diameter 2 in
Well Total Depth 34.16 ft
Screen Length 10 ft
Depth to Water 19.51 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.2194393 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.68 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	08:56:21	304.07	19.02	5.74	910.40	0.66	19.65	3.99	128.80
Last 5	09:01:20	604.03	18.92	5.74	917.66	1.15	19.65	3.89	132.20
Last 5	09:06:20	904.02	18.90	5.74	920.83	0.99	19.65	3.86	132.66
Last 5	09:11:20	1204.02	18.95	5.74	916.17	1.62	19.65	3.79	132.37
Last 5									
Variance 0			-0.09	-0.00	7.26			-0.09	3.41
Variance 1			-0.03	-0.00	3.17			-0.03	0.46
Variance 2			0.06	-0.00	-4.67			-0.07	-0.29

Notes

Started purging GWC-5 @ 0851
Stopped purging and began sampling at 0915

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 10:11:50

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 43 ft

Pump placement from TOC 43 ft

Well Information:

Well ID GWC-6
Well diameter 2 in
Well Total Depth 48.50 ft
Screen Length 10 ft
Depth to Water 37.91 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.4069272 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1 in
Total Volume Pumped 8 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:49:17	300.13	18.79	6.21	203.65	4.46	38.06	6.60	89.60
Last 5	09:54:17	600.02	18.83	6.22	195.43	1.70	38.04	6.61	84.58
Last 5	09:59:17	900.02	19.77	6.22	197.65	1.66	37.98	6.46	85.18
Last 5	10:09:17	1500.02	20.34	6.22	196.73	0.83	37.99	6.31	87.55
Last 5									
Variance 0			0.03	0.01	-8.22			0.01	-5.02
Variance 1			0.94	-0.00	2.22			-0.16	0.60
Variance 2			0.57	0.00	-0.93			-0.15	2.37

Notes

Sampled at 1010

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 09:31:39

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 53 ft

Pump placement from TOC 53 ft

Well Information:

Well ID GWC-7
Well diameter 2 in
Well Total Depth 58.72 ft
Screen Length 10 ft
Depth to Water 42.05 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.4515614 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:09:49	300.02	20.32	6.39	161.31	4.44	42.31	6.55	113.50
Last 5	09:14:49	600.02	19.32	6.37	163.52	1.79	42.35	6.45	89.83
Last 5	09:19:49	900.02	19.29	6.36	163.78	1.38	42.35	6.42	85.01
Last 5	09:24:49	1200.02	19.33	6.37	163.80	0.96	42.35	6.39	83.32
Last 5	09:29:49	1500.02	19.37	6.36	163.47	1.71	42.35	6.36	82.33
Variance 0			-0.03	-0.01	0.26			-0.03	-4.82
Variance 1			0.04	0.00	0.01			-0.03	-1.69
Variance 2			0.04	-0.00	-0.33			-0.03	-0.99

Notes

Sampled at 0930

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 14:11:55

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 43 ft

Pump placement from TOC 43 ft

Well Information:

Well ID GWC-8A
Well diameter 2 in
Well Total Depth 47.5 ft
Screen Length 10 ft
Depth to Water 23.04 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2819272 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.72 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:55:33	300.09	29.11	7.25	334.37	1.22	23.34	1.28	-63.53
Last 5	14:00:33	600.03	25.56	7.23	348.86	0.57	23.35	0.39	-60.06
Last 5	14:05:33	900.02	24.27	7.25	351.68	0.84	23.35	0.30	-59.03
Last 5	14:10:33	1200.04	23.87	7.26	353.16	0.79	23.35	0.26	-59.11
Last 5									
Variance 0			-3.55	-0.02	14.49			-0.89	3.46
Variance 1			-1.30	0.02	2.82			-0.09	1.04
Variance 2			-0.40	0.01	1.48			-0.04	-0.08

Notes

Sampled GWC-8A at 1410

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 15:30:28

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 15 ft

Pump placement from TOC 15 ft

Well Information:

Well ID GWC-9
Well diameter 2 in
Well Total Depth 20.25 ft
Screen Length 10 ft
Depth to Water 7.42 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.1569514 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	15:08:42	300.02	23.00	6.69	186.63	2.64	7.73	2.71	79.51
Last 5	15:13:42	600.10	22.09	6.67	182.97	1.53	7.75	2.63	69.06
Last 5	15:18:42	900.10	21.90	6.66	182.90	2.16	7.77	2.62	67.23
Last 5	15:23:42	1200.10	22.00	6.65	181.91	1.27	7.78	2.57	66.70
Last 5	15:28:42	1500.10	21.82	6.65	181.95	0.72	7.78	2.52	65.95
Variance 0			-0.19	-0.01	-0.07			-0.01	-1.83
Variance 1			0.10	-0.01	-0.99			-0.05	-0.53
Variance 2			-0.18	-0.00	0.05			-0.05	-0.75

Notes

Sampled at 1530

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 14:09:10

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 35 ft

Pump placement from TOC 35 ft

Well Information:

Well ID GWC-10
Well diameter 2 in
Well Total Depth 40.65 ft
Screen Length 10 ft
Depth to Water 11.02 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2462198 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.4 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:47:18	300.03	23.85	6.36	179.37	2.21	11.16	1.14	85.67
Last 5	13:52:18	600.02	22.75	6.35	181.21	1.33	11.19	0.93	73.93
Last 5	13:57:18	900.02	22.15	6.35	181.13	1.51	11.19	0.87	69.54
Last 5	14:02:18	1200.02	22.53	6.35	181.44	0.97	11.19	0.85	67.63
Last 5	14:07:18	1500.02	22.53	6.35	180.54	1.03	11.19	0.82	65.72
Variance 0			-0.60	0.00	-0.09			-0.06	-4.38
Variance 1			0.39	-0.00	0.31			-0.02	-1.91
Variance 2			-0.00	0.00	-0.90			-0.03	-1.92

Notes

Sampled at 1410

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 11:35:13

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 29 ft

Pump placement from TOC 29 ft

Well Information:

Well ID GWC-11
Well diameter 2 in
Well Total Depth 34.54 ft
Screen Length 10 ft
Depth to Water 18.30 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.2194393 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.2 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	11:13:24	300.03	21.55	6.23	131.73	0.49	18.39	1.50	88.00
Last 5	11:18:24	600.10	21.30	6.23	133.05	0.24	18.40	1.36	77.97
Last 5	11:23:24	900.10	21.32	6.22	131.17	0.29	18.40	1.28	75.75
Last 5	11:28:24	1200.10	21.42	6.21	131.09	0.41	18.40	1.33	74.58
Last 5	11:33:24	1500.16	21.24	6.21	130.02	0.24	18.40	1.30	74.18
Variance 0			0.02	-0.01	-1.88			-0.08	-2.22
Variance 1			0.09	-0.01	-0.08			0.05	-1.16
Variance 2			-0.18	-0.00	-1.07			-0.04	-0.40

Notes

Sampled at 1135

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 09:27:49

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 33 ft

Pump placement from TOC 33 ft

Well Information:

Well ID GWC-12
Well diameter 2 in
Well Total Depth 37.82 ft
Screen Length 10 ft
Depth to Water 25.33 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.237293 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:06:07	300.09	19.61	5.19	24.27	0.33	25.59	3.58	129.83
Last 5	09:11:07	600.02	18.83	5.17	24.50	0.22	25.59	3.40	114.58
Last 5	09:16:07	900.02	18.75	5.17	24.52	0.42	25.59	3.42	110.59
Last 5	09:21:07	1200.02	18.79	5.18	24.63	0.72	25.59	3.32	108.49
Last 5	09:26:07	1500.02	18.81	5.16	24.75	0.23	25.59	3.48	106.48
Variance 0			-0.09	-0.00	0.02			0.02	-3.99
Variance 1			0.04	0.01	0.11			-0.10	-2.10
Variance 2			0.02	-0.02	0.12			0.16	-2.01

Notes

Sampled at 0930

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 12:37:26

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 39 ft

Pump placement from TOC 39 ft

Well Information:

Well ID GWC-13
Well diameter 2 in
Well Total Depth 44.20 ft
Screen Length 10 ft
Depth to Water 30.55 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.3890735 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.2 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	12:16:11	300.03	21.68	5.90	82.26	12.70	30.69	5.20	68.38
Last 5	12:21:11	600.02	20.88	5.91	84.30	10.22	30.61	5.17	66.88
Last 5	12:26:11	900.02	20.48	5.92	86.31	8.70	30.64	5.15	74.46
Last 5	12:31:11	1200.02	20.42	5.94	90.23	4.57	30.64	5.00	75.19
Last 5	12:36:14	1503.02	20.44	5.95	92.04	4.07	30.64	4.95	75.19
Variance 0			-0.40	0.01	2.01			-0.03	7.57
Variance 1			-0.06	0.02	3.92			-0.15	0.74
Variance 2			0.02	0.01	1.81			-0.06	-0.00

Notes

Sampled at 1235

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 15:21:43

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-14
Well diameter 2 in
Well Total Depth 27.59 ft
Screen Length 10 ft
Depth to Water 13.44 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 0.84 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	15:03:22	300.03	21.73	5.66	75.53	0.09	13.51	0.64	74.76
Last 5	15:08:22	600.03	21.25	5.66	76.34	0.09	13.51	0.58	68.54
Last 5	15:13:22	900.02	21.11	5.67	76.76	0.08	13.51	0.54	66.38
Last 5	15:18:22	1200.02	20.93	5.68	77.15	0.14	13.51	0.52	65.17
Last 5									
Variance 0			-0.48	0.01	0.81			-0.05	-6.21
Variance 1			-0.14	0.01	0.43			-0.04	-2.16
Variance 2			-0.18	0.01	0.39			-0.02	-1.22

Notes

Began purging GWC-14 at 1458
Stopped purging and began sampling at 1520

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 09:35:00

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 24 ft

Pump placement from TOC 24 ft

Well Information:

Well ID GWA-15
Well diameter 2 in
Well Total Depth 29.59 ft
Screen Length 10 ft
Depth to Water 12.84 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.1971222 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.52 in
Total Volume Pumped 3.5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Stabilization									
Last 5	09:12:11	300.08	20.40	5.46	64.00	0.73	13.05	0.30	80.63
Last 5	09:17:11	600.03	20.44	5.47	64.32	0.12	13.05	0.22	77.19
Last 5	09:22:11	900.02	20.61	5.48	64.31	0.05	13.05	0.19	75.07
Last 5	09:27:11	1200.02	20.71	5.48	64.31	0.04	13.05	0.18	73.92
Last 5	09:32:11	1500.02	20.84	5.49	64.18	0.04	13.05	0.16	73.52
Variance 0			0.17	0.01	-0.01			-0.03	-2.11
Variance 1			0.10	0.01	-0.01			-0.01	-1.16
Variance 2			0.13	0.01	-0.12			-0.02	-0.40

Notes

Started purging GWA-15 at 0907
Stopped purging and began sampling at 0935

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 09:32:35

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 53 ft

Pump placement from TOC 53 ft

Well Information:

Well ID GWA-16
Well diameter 2 in
Well Total Depth 57.93 ft
Screen Length 10 ft
Depth to Water 33.40 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.4515614 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.8 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:10:33	300.11	19.84	6.39	117.59	6.19	33.55	6.01	222.91
Last 5	09:20:33	900.03	19.50	6.37	117.71	3.66	33.55	5.69	423.28
Last 5	09:25:33	1200.01	19.61	6.38	117.56	2.18	33.55	5.66	510.89
Last 5	09:30:33	1500.01	19.84	6.38	116.63	1.61	33.55	5.59	585.91
Last 5									
Variance 0			-0.33	-0.01	0.11			-0.32	200.37
Variance 1			0.11	0.01	-0.15			-0.03	87.61
Variance 2			0.23	0.00	-0.93			-0.07	75.01

Notes

Sampled GWA-16 at 0930. FB-1 taken here

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 10:41:38

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 42 ft

Pump placement from TOC 42 ft

Well Information:

Well ID GWA-17
Well diameter 2 in
Well Total Depth 46.76 ft
Screen Length 10 ft
Depth to Water 31.59 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.4024638 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.92 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	10:24:14	300.04	22.04	6.02	81.94	3.96	31.75	6.70	830.26
Last 5	10:29:14	600.02	21.84	6.02	81.30	2.91	31.75	6.55	876.26
Last 5	10:34:14	900.02	21.95	6.02	81.49	2.14	31.75	6.43	902.55
Last 5	10:39:14	1200.01	22.06	6.03	82.31	2.07	31.75	6.34	924.79
Last 5									
Variance 0			-0.20	-0.01	-0.63			-0.15	46.00
Variance 1			0.11	0.00	0.19			-0.12	26.29
Variance 2			0.11	0.01	0.82			-0.09	22.24

Notes

Sampled GWA-17 at 1040

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 12:12:41

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 66 ft

Pump placement from TOC 66 ft

Well Information:

Well ID GWC-18
Well diameter 2 in
Well Total Depth 71.25 ft
Screen Length 10 ft
Depth to Water 34.3 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.5095859 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 6.48 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	11:49:59	300.04	26.67	6.47	112.73	4.79	34.69	6.02	753.78
Last 5	11:54:59	600.02	22.47	6.40	116.51	1.73	34.75	6.26	884.08
Last 5	11:59:59	900.02	21.80	6.39	116.66	3.18	34.80	6.18	903.28
Last 5	12:04:59	1200.01	21.76	6.38	116.38	1.77	34.83	6.07	867.60
Last 5	12:09:59	1500.01	21.56	6.38	115.63	2.47	34.84	6.02	830.33
Variance 0			-0.67	-0.01	0.15			-0.08	19.20
Variance 1			-0.04	-0.01	-0.28			-0.10	-35.68
Variance 2			-0.20	0.00	-0.75			-0.05	-37.27

Notes

Sampled GWC-18 at 1210

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 13:33:14

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 58 ft

Pump placement from TOC 58 ft

Well Information:

Well ID GWC-19
Well diameter 2 in
Well Total Depth 62.75 ft
Screen Length 10 ft
Depth to Water 33.65 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.4738785 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 11.4 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:11:31	300.09	27.32	6.53	123.93	3.03	34.22	6.56	457.92
Last 5	13:16:31	600.03	22.79	6.43	130.05	1.70	34.45	6.35	444.27
Last 5	13:21:31	900.02	22.15	6.42	129.58	1.54	34.58	6.28	386.61
Last 5	13:26:31	1200.02	22.28	6.41	129.68	0.98	34.59	6.22	347.63
Last 5	13:31:33	1502.01	21.64	6.41	128.31	0.68	34.60	6.25	330.93
Variance 0			-0.64	-0.01	-0.47			-0.07	-57.66
Variance 1			0.13	-0.01	0.10			-0.06	-38.99
Variance 2			-0.65	0.00	-1.37			0.03	-16.70

Notes

Sampled GWC-19 at 1330

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 09:32:49

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 68 ft

Pump placement from TOC 68 ft

Well Information:

Well ID GWC-20
Well diameter 2 in
Well Total Depth 72.7 ft
Screen Length 10 ft
Depth to Water 40.43 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.5185128 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.28 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:15:01	300.09	21.14	6.53	141.32	5.01	40.60	6.77	274.74
Last 5	09:20:01	600.03	20.37	6.49	140.00	4.52	40.62	6.79	285.63
Last 5	09:25:01	900.02	20.69	6.48	138.47	4.15	40.62	6.81	289.97
Last 5	09:30:02	1201.01	20.65	6.48	137.76	4.07	40.62	6.84	288.76
Last 5									
Variance 0			-0.77	-0.04	-1.32			0.02	10.89
Variance 1			0.32	-0.01	-1.53			0.02	4.34
Variance 2			-0.04	-0.00	-0.71			0.03	-1.21

Notes

Sampled GWC-20 at 0930

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 14:11:41

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 15 ft

Pump placement from TOC 15 ft

Well Information:

Well ID GWA-21
Well diameter 2 in
Well Total Depth 20.60 ft
Screen Length 10 ft
Depth to Water 6.43 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.1569514 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.36 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:54:35	300.04	27.99	5.76	113.58	1.84	6.68	1.47	127.60
Last 5	13:59:35	600.03	24.69	5.76	119.63	0.66	6.70	0.86	149.53
Last 5	14:04:35	900.02	23.59	5.77	119.85	1.31	6.71	0.74	169.24
Last 5	14:09:36	1201.01	23.37	5.78	118.64	0.71	6.71	0.76	191.34
Last 5									
Variance 0			-3.30	0.00	6.05			-0.61	21.93
Variance 1			-1.10	0.00	0.22			-0.11	19.71
Variance 2			-0.22	0.01	-1.21			0.02	22.10

Notes

Sampled GWA-21 at 1410

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 13:07:25

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 38 ft

Pump placement from TOC 38 ft

Well Information:

Well ID GWA-22
Well diameter 2 in
Well Total Depth 42.5 ft
Screen Length 10 ft
Depth to Water 26.08 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2596101 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4.56 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	12:50:19	300.04	26.35	5.88	77.05	2.44	26.46	4.40	228.91
Last 5	12:55:19	600.02	22.96	5.83	81.50	1.20	26.46	4.45	226.86
Last 5	13:00:19	900.02	21.89	5.83	81.62	0.92	26.46	4.50	224.14
Last 5	13:05:19	1200.01	21.59	5.83	82.02	0.95	26.46	4.49	223.15
Last 5									
Variance 0			-3.39	-0.05	4.45			0.05	-2.05
Variance 1			-1.07	-0.01	0.13			0.04	-2.73
Variance 2			-0.30	-0.00	0.40			-0.01	-0.99

Notes

Sampled GWA-22 at 1305

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 10:25:29

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 31 ft

Pump placement from TOC 31 ft

Well Information:

Well ID GWA-45
Well diameter 2 in
Well Total Depth 36.0 ft
Screen Length 10 ft
Depth to Water 17.90 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.2283661 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 7.8 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Stabilization									
Last 5	10:07:27	300.03	21.46	6.03	435.11	2.83	18.54	0.40	73.22
Last 5	10:12:27	600.03	21.28	6.03	436.40	2.34	18.55	0.27	75.73
Last 5	10:17:27	900.03	21.12	6.03	435.07	2.43	18.55	0.22	77.50
Last 5	10:22:27	1200.02	21.09	6.03	434.15	1.19	18.55	0.20	78.54
Last 5									
Variance 0			-0.18	-0.00	1.29			-0.13	2.51
Variance 1			-0.17	0.00	-1.33			-0.05	1.77
Variance 2			-0.02	0.00	-0.91			-0.02	1.04

Notes

Started purging GWA-45 at 1002
Stopped purging and began sampling at 1025

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 10:43:45

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 42 ft

Pump placement from TOC 42 ft

Well Information:

Well ID GWA-46
Well diameter 2 in
Well Total Depth 47.0 ft
Screen Length 10 ft
Depth to Water 32.97 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.4024638 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	10:21:47	300.02	21.05	5.88	74.85	3.88	33.25	3.06	87.84
Last 5	10:26:47	600.02	20.95	5.87	74.17	2.48	33.24	2.72	82.16
Last 5	10:31:47	900.02	21.05	5.86	73.55	3.71	33.23	2.62	81.90
Last 5	10:36:47	1200.19	21.24	5.86	73.76	1.83	33.23	2.55	82.47
Last 5	10:41:47	1500.19	21.60	5.86	73.84	2.26	33.23	2.50	83.55
Variance 0			0.11	-0.01	-0.62			-0.10	-0.26
Variance 1			0.18	0.00	0.21			-0.07	0.56
Variance 2			0.36	0.00	0.08			-0.04	1.08

Notes

Sampled at 1045

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-05 09:38:51

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 51 ft

Pump placement from TOC 51 ft

Well Information:

Well ID GWA-47
Well diameter 2 in
Well Total Depth 56.55 ft
Screen Length 10 ft
Depth to Water 40.60 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.4426346 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 12 in
Total Volume Pumped 8.4 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:16:47	3300.14	21.73	6.47	126.40	8.88	41.59	3.94	68.73
Last 5	09:21:47	3600.11	22.31	6.46	126.28	7.68	41.59	4.43	70.92
Last 5	09:26:47	3900.08	20.33	6.46	120.99	5.91	41.59	3.91	66.53
Last 5	09:31:47	4200.08	19.99	6.46	121.70	5.07	41.59	3.82	65.58
Last 5	09:36:47	4499.98	19.99	6.47	122.67	4.83	41.59	3.76	65.35
Variance 0			-1.98	-0.01	-5.29			-0.52	-4.39
Variance 1			-0.34	0.00	0.71			-0.09	-0.95
Variance 2			-0.00	0.01	0.97			-0.07	-0.23

Notes

Sampled at 0940

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 13:01:53

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type QED Well Wizard
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 69 ft

Pump placement from TOC 69 ft

Well Information:

Well ID GWA-48
Well diameter 2 in
Well Total Depth 73.92 ft
Screen Length 10 ft
Depth to Water 38.5 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.7929762 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 17.4 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Stabilization									
Last 5	12:38:18	600.03	26.88	6.73	142.78	0.34	39.61	4.51	91.14
Last 5	12:43:18	900.02	25.15	6.79	142.00	0.05	39.73	4.75	90.41
Last 5	12:48:18	1200.02	24.38	6.81	142.33	0.25	39.84	4.85	88.16
Last 5	12:53:18	1500.04	24.01	6.81	139.88	0.47	39.92	4.87	87.33
Last 5	12:58:18	1800.02	22.85	6.81	140.24	0.06	39.95	4.85	82.65
Variance 0			-0.77	0.02	0.34			0.10	-2.25
Variance 1			-0.37	0.00	-2.45			0.02	-0.83
Variance 2			-1.16	-0.00	0.36			-0.02	-4.68

Notes

Started purging GWA-48 at 1428
Stopped purging and began sampling at 1300

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 14:10:58

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 36 ft

Pump placement from TOC 36 ft

Well Information:

Well ID GWA-49
Well diameter 2 in
Well Total Depth 41.0 ft
Screen Length 10 ft
Depth to Water 13.63 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.2506832 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 8.04 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Stabilization									
Last 5	13:53:39	300.03	23.38	6.93	158.91	0.66	14.27	6.82	68.67
Last 5	13:58:39	600.03	22.99	6.93	159.12	0.27	14.30	6.79	67.95
Last 5	14:03:39	900.02	21.84	6.93	159.40	0.37	14.30	6.93	69.42
Last 5	14:08:39	1200.02	21.76	6.93	159.67	0.51	14.30	6.92	69.54
Last 5									
Variance 0			-0.40	-0.00	0.21			-0.04	-0.73
Variance 1			-1.15	0.00	0.28			0.14	1.47
Variance 2			-0.08	0.00	0.26			-0.01	0.12

Notes

Started purging GWA-49 at 1348
Stopped purging and began sampling at 1410

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 09:15:24

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-29
Well diameter 2 in
Well Total Depth 27.0 ft
Screen Length 10 ft
Depth to Water 5.68 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.04 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Stabilization									
Last 5	08:57:34	300.03	21.38	5.85	144.58	0.58	5.83	0.24	176.00
Last 5	09:02:34	600.03	21.29	5.84	143.30	0.35	5.85	0.21	216.19
Last 5	09:07:34	900.03	21.28	5.84	142.10	0.08	5.85	0.20	237.54
Last 5	09:12:34	1200.02	21.23	5.83	140.93	0.00	5.85	0.18	255.69
Last 5									
Variance 0			-0.09	-0.00	-1.28			-0.03	40.19
Variance 1			-0.00	-0.00	-1.20			-0.01	21.35
Variance 2			-0.05	-0.01	-1.17			-0.02	18.16

Notes

Started purging GWC-29 at 0852
Stopped purging and began sampling at 0915

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 15:05:58

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 31 ft

Pump placement from TOC 31 ft

Well Information:

Well ID GWC-50
Well diameter 2 in
Well Total Depth 36.30 ft
Screen Length 10 ft
Depth to Water 9.30 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2283661 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 7.2 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	14:55:01	300.03	22.71	5.84	85.59	0.23	9.90	0.50	54.58
Last 5	15:00:01	600.03	22.73	5.84	84.41	0.12	9.90	0.56	55.80
Last 5	15:05:01	900.03	21.76	5.85	84.98	0.11	9.90	0.62	59.37
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.02	0.00	-1.18			0.05	1.22
Variance 2			-0.97	0.01	0.57			0.07	3.58

Notes

Started purging GWC-50 at 1450
Stopped purging and began sampling at 1505

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 10:23:22

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-51
Well diameter 2 in
Well Total Depth 26.8 ft
Screen Length 10 ft
Depth to Water 8.85 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.96 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	10:11:06	300.03	20.62	5.90	99.83	2.76	9.18	0.26	77.68
Last 5	10:16:06	600.03	20.48	5.87	98.53	1.42	9.18	0.19	83.52
Last 5	10:21:06	900.03	20.57	5.85	97.46	1.63	9.18	0.17	96.03
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.13	-0.03	-1.30			-0.06	5.84
Variance 2			0.09	-0.02	-1.07			-0.03	12.52

Notes

Started purging GWC-51 at 1006
Stopped purging and began sampling at 1025

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 12:49:40

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 28 ft

Pump placement from TOC 28 ft

Well Information:

Well ID GWC-52
Well diameter 2 in
Well Total Depth 32.8 ft
Screen Length 10 ft
Depth to Water 9.20 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2149758 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3 in
Total Volume Pumped 4 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	12:31:51	300.03	22.00	6.67	192.20	0.32	9.45	0.40	55.81
Last 5	12:36:51	600.03	21.83	6.67	190.73	0.08	9.45	0.25	55.42
Last 5	12:41:51	900.03	21.67	6.67	189.57	0.16	9.45	0.19	56.17
Last 5	12:46:51	1200.02	21.55	6.67	190.37	0.08	9.45	0.21	56.78
Last 5									
Variance 0			-0.17	-0.01	-1.47			-0.15	-0.39
Variance 1			-0.16	0.00	-1.16			-0.06	0.75
Variance 2			-0.12	-0.00	0.80			0.02	0.61

Notes

Started purging GWC-52 at 1226
Stopped purging and began sampling at 1250

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 13:58:43

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 28 ft

Pump placement from TOC 28 ft

Well Information:

Well ID GWC-53
Well diameter 2 in
Well Total Depth 32.8 ft
Screen Length 10 ft
Depth to Water 11.65 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2149758 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4.8 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond µS/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:38:53	300.03	21.59	5.64	453.62	1.37	12.05	0.24	70.22
Last 5	13:43:53	600.03	21.12	5.62	455.89	0.80	12.05	0.18	72.43
Last 5	13:48:53	900.03	20.95	5.58	462.09	0.14	12.05	0.17	74.72
Last 5	13:53:53	1200.02	20.78	5.56	465.28	0.13	12.05	0.16	77.04
Last 5									
Variance 0			-0.47	-0.03	2.27			-0.05	2.22
Variance 1			-0.18	-0.03	6.21			-0.01	2.29
Variance 2			-0.17	-0.03	3.19			-0.01	2.32

Notes

Started purging GWC-53 at 1333
Stopped purging and began sampling at 1355

Grab Samples

APPENDIX B

Alternate Source Demonstration



REPORT

ALTERNATE SOURCE DEMONSTRATION

GEORGIA POWER COMPANY PLANT SCHERER - Cell 1 and PAC Ash Cell

Submitted to:

Southern Company Services

Submitted by:

Golder Associates Inc.

3730 Chamblee Tucker Road, Atlanta, Georgia, USA 30341

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Distribution:

GPC Plant Scherer

Tyler J. Boyles, Georgia Power Company (Electronic Only)

Joju Abraham, Southern Company Services (Electronic Only)

1662350.18

April 15, 2018

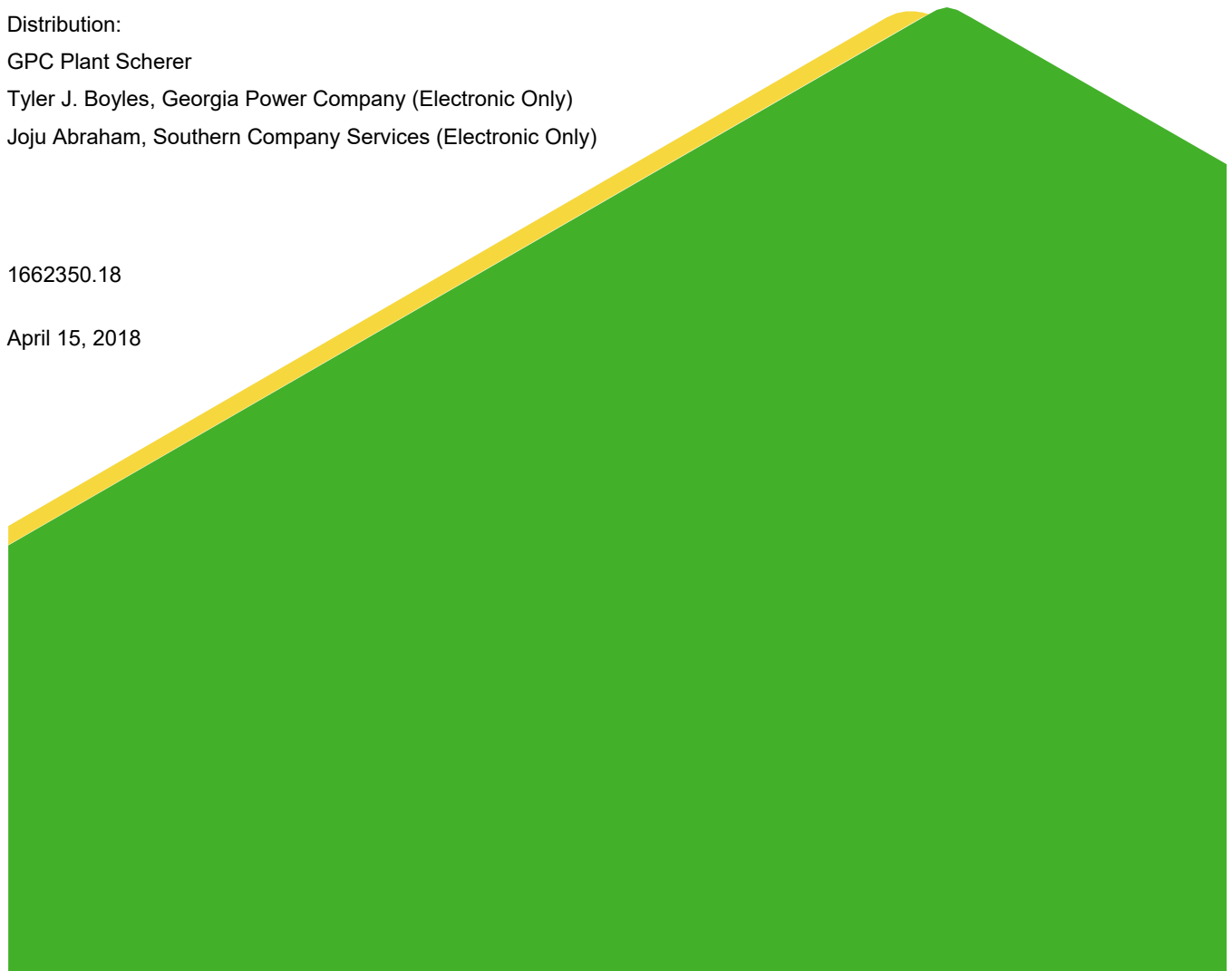


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APPENDICES

APPENDIX A

TREND ANALYSES & TIME SERIES PLOTS

APPENDIX B

INTRA-WELL STATISTICAL ANALYSES

Certification

This Alternate Source Demonstration, Georgia Power Company-Plant Scherer Cell 1 and PAC Ash Cell, Monroe County, Georgia, USA has been prepared to comply with the United States Environmental Protection Agency (EPA) coal combustion residual (CCR) rule (40 Code of Federal Regulations [CFR] 257 Subpart D; published in 80 FR 21302-21501, April 17, 2015) under the direction of a licensed professional engineer with Golder Associates Inc.

I hereby verify that the facts used to prepare this Alternate Source Demonstration for the Georgia Power Company-Plant Scherer Cell 1 and PAC Ash Cell in Monroe County, Georgia, located at 10986 Georgia 87, Juliette, Georgia 31046 are accurate pursuant to the requirements of 40 CFR §257.94(e)(2).

Golder Associates Inc.



Geraldine S. Monroy, P.E.
Georgia Professional Engineer No. 26316

dlp/rpk/gsm

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[https://golderassociates.sharepoint.com/sites/24912g/project files/200 reports/april 2018 asd/april 2018 ccr rule asd/final/plant scherer ccr rule asd cell 1 and pac_4.15.2018_final.docx](https://golderassociates.sharepoint.com/sites/24912g/project%20files/200%20reports/april%202018%20asd/april%202018%20ccr%20rule%20asd/final/plant%20scherer%20ccr%20rule%20asd%20cell%201%20and%20pac_4.15.2018_final.docx)

1.0 INTRODUCTION

This alternate source demonstration (ASD) report has been prepared by Golder Associates Inc. (Golder) in accordance with the United States Environmental Protection Agency (EPA) coal combustion residual (CCR) rule (40 Code of Federal Regulations [CFR] 257 Subpart D; published in 80 FR 21302-21501, April 17, 2015) to address the statistically significant increases (SSIs) over background as presented in the *2017 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Company Plant Scherer Cell 1 and PAC Ash Cell*, prepared by Golder Associates Inc., dated January 31, 2018.

This document satisfies the requirements of §257.94(e)(2) which allows the owner or operator to demonstrate that a source other than the CCR Unit has caused an SSI and that the apparent SSI was the result of an alternate source or resulted from errors in “sampling, analysis, statistical evaluation, or natural variation in groundwater quality”. The following sections address the apparent SSIs as described in the 2017 Annual Groundwater Monitoring and Corrective Action Report for Cell 1 and PAC Ash Cell.

2.0 SITE DESCRIPTION AND BACKGROUND

Plant Scherer is located in northeast Monroe County, Georgia, and is operated by the Georgia Power Company (GPC). The Plant is situated approximately 5 miles south of Juliette, GA and is surrounded primarily by agricultural and residential land use. Figure 1, Site Location Map, depicts the location of Plant Scherer relative to the surrounding area.

The Plant Scherer Landfill consists of two active cells (Cell 1 and PAC Ash Cell) and future undeveloped cells (Cells 2 and 3). The two active cells have been utilized since 2011 for disposal of CCR. The total disposal area occupies approximately 325 acres along the northern portion of the property. Figure 2, Site Plan and Monitoring Well Location Map, depicts the general configuration of the landfill units and site monitoring wells.

Observed groundwater flow direction is generally to the southeast. Figure 3, Potentiometric Surface Contour Map - Cell 1 and PAC Ash Cell (October 2017) shows the potentiometric surface elevation contours across the Cell 1 and PAC Ash Cells.

3.0 EVALUATION OF ANALYTICAL RESULTS & STATISTICAL ANALYSES

As presented in the 2017 Annual Groundwater Monitoring & Corrective Action Report, analytical results show that concentrations of target constituents are below the established prediction limits in groundwater samples collected during the October 2017 sampling event with exceptions noted in the report. Apparent statistical exceedances for boron, calcium, chloride, pH, sulfate, and total dissolved solids were noted for select monitoring wells at Cell 1 and apparent SSIs of calcium, pH, and sulfate were noted for samples from select PAC Ash wells.

3.1 Statistical Analysis Method

As presented in the 2017 Annual Groundwater Monitoring and Corrective Action Report, the statistical evaluation method for analyzing groundwater quality data included a combination of both inter-well and intra-well prediction limits. During preparation of the alternate source demonstration, the statistical analysis method was further evaluated. The statistical method was revised to accommodate the site-wide variability of groundwater chemistry, construction of the landfill units with a double-composite liner system, and a lack of increasing trends in groundwater quality during background monitoring period. Trend plots for groundwater quality data at Cell 1 and PAC Ash Cell are presented in Appendix A, Trend Analyses & Time Series Plots. Review of trend plots show that

no increasing trends are noted and that variability in groundwater chemistry is present across the site. These factors validate using an intra-well statistical approach for detection monitoring wells and parameters at Cell 1 and PAC Ash, except for GWC-5 as explained below in Section 4.1.

Following this revised statistical evaluation method (intra-well), the following parameters no longer exhibit an SSI above background; therefore, an alternate source demonstration is not warranted and therefore has not been further addressed in the ASD. As provided for in §257.94(e)(2), we are presenting an error in statistical evaluation as the source of the following previously identified SSIs.

- Boron at wells GWC-8A and GWC-9
- Chloride at wells GWC-4, and GWC-8A
- Sulfate at wells GWC-4, GWC-6, GWC-8A, GWC-9, and GWC-10

3.2 Statistically Significant Increases

Statistical analyses were performed on data presented in the 2017 annual report following the revised intra-well statistical method approach detailed in section 3.1. Results of this analyses is presented in Appendix B, Statistical Analyses. Table 1, Intra-well Prediction Limit Statistically Significant Increase Summary, provides the details of each of the SSIs noted in the 2017 annual report triggered following an intra-well statistical methodology.

Table 1: Intra-Well Prediction Limit Statistically Significant Increase Summary

Well	Parameter	Concentration (mg/L)	Intra-well Prediction Limit
CELL 1			
GWC-4	Calcium ^[1]	15	14.96
	pH	5.90	6.116 - 6.507
GWC-5	Boron	0.47	0.05 ^[3]
	Chloride	67	5.5 ^[3]
	Sulfate	380	1.0 ^[3]
GWC-7	Calcium	16	14
	pH	5.96	6.155 - 6.487
GWC-9	Calcium ^[1]	19	18.99
GWC-10	Calcium ^[1]	19	18.83
GWC-13	Calcium	7.4	6.805
GWC-20	Total Dissolved Solids ^[1]	130	129.9
PAC ASH CELL			
GWA-21 ^[2]	Sulfate	2.5	2.364
GWA-49 ^[2]	Calcium	15	14.2
GWC-52	Calcium	15	13
GWA-21 ^[2]	pH	5.61	5.68 - 5.892

Notes:

mg/L = milligrams per liter

- [1] Each of these exceedances would not result if the limit were rounded to the same number of significant digits as the observed result and is the result of error in statistical evaluation (i.e., rounding error). Because the SSI was triggered in this manner, an ASD is not warranted and has not been presented in this report.
- [2] Each of these wells is upgradient of a lined landfill unit. Groundwater flow directions observed during the October 2017 event are consistent with historical data and confirms the upgradient position of these wells. Because of this, an SSI at these wells cannot be attributed to the Cell 1 and PAC Ash units but rather natural variability in groundwater chemistry or an alternate source. As a result, an ASD for the exceedances at upgradient wells is not warranted and has not been presented in this report.
- [3] Inter-well prediction limits were established for GWC-5. Refer to section 4.1 for discussion.

4.0 ALTERNATE SOURCE DEMONSTRATION

Statistical exceedances for boron, calcium, chloride, pH, and sulfate are noted for samples from select monitoring wells at Cell 1 and an apparent SSI of calcium is noted for samples from a single PAC Ash monitoring well. Additional initial apparent statistical exceedances were noted as presented in Table 1. However, statistical exceedances at upgradient monitoring cannot be attributed to a release from the unit, and therefore an ASD is not warranted and has not been presented herein. Similarly, some exceedances were identified because of a rounding error. If the limit were rounded to the same number of significant digits as the observed result, the exceedance would not have been identified. The following discussion is provided regarding the remaining apparent statistical exceedances in selected monitoring wells at Cell 1 and PAC Ash.

Groundwater monitoring under state permitting requirements at Cell 1 and PAC has been ongoing since 2010. SSIs for state monitoring parameters have previously been identified at GWC-5. As a result, an ASD for previous SSIs has been presented in *Alternate Source Demonstration for Landfill Cell 1 Groundwater Monitoring Network*, dated December 2016, which was submitted to Georgia Environmental Protection Division (GA EPD) on behalf of Plant Scherer. A follow up ASD (*Alternate Source Demonstration First Semi-Annual 2017 Plant Scherer Permit No. 102-009D, Cell 1 and PAC Ash Landfill*, dated August 18, 2017) was also submitted to GA EPD. A summary of that ASD as it relates to the current SSIs of certain Appendix III monitoring parameters is presented in the paragraphs below.

4.1 GWC-5 (Boron, Chloride, Sulfate)

Statistical exceedances of boron, chloride and sulfate were noted at GWC-5. As noted on Table 1, an inter-well prediction limit has been established for GWC-5. Because groundwater quality at this well has been previously affected by a source other than the landfill, intra well analyses is not valid. A more appropriate evaluation of the data is trend analyses (see appendix A). Review of the trend analyses for GWC-5 indicates that considering available data, significant trends were not noted at GWC-5 except for boron.

Previous ASDs (December 2016 and August 2017) submitted for the site concludes that the SSIs noted at GWC-5 are not the result of a release from the disposal unit but rather operational issues associated with the return water pump house and/or the clear pool. Based on information provided by GPC, pipe collars were noted to have been leaking, and repairs to the pipe collars have been made. During September and October 2017, the water level in the clear pond was pumped down to perform a liner inspection. Several small punctures were observed near the gravity drain line. Based on information provided by GPC, appropriate repairs were made to the liner system.

It is our opinion that the statistical exceedances of boron, chloride and sulfate at GWC-5 are not the result of a release from the unit but rather operational issues that have since been repaired. GPC will monitor the occurrence of these parameters following the next scheduled sampling events. We anticipate a decreasing trend in groundwater chemistry results will develop with future monitoring. Based on horizontal groundwater flow velocity in the area (approximately 60 feet per year), it could take multiple sampling events before a downward trend is observed.

4.2 Calcium (GWC-7, GWC-13, GWC-52) and pH (GWC-4, GWC-7)

SSIs of calcium were identified at monitoring wells GWC-7, GWC-13 and GWC-52 and SSIs of pH were identified at monitoring wells GWC-4 and GWC-7. SSIs identified are the result of exceedances of the calculated intra-well prediction limits. Calcium and pH are recent additions to the detection monitoring program following the promulgation of the CCR Rule. Therefore, the background data set used for statistical analyses is limited the minimum of eight data points per well. As required by the CCR Rule, eight baseline samples were collected prior to the October 2017 deadline which were used to calculate the upper prediction limits (UPLs). According to the Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance (USEPA 2009), eight samples is the minimum number of samples recommended to complete statistical tests and future data will be used to enlarge the dataset for UPL calculations.

Review of time series plots (see Appendix A) show that the reported concentrations of calcium and pH at these wells are within the range observed across the site both upgradient and downgradient of the lined units. As such, the apparent SSIs of calcium and pH are the result of natural variability in groundwater chemistry and not the result of a release from the landfill units at Plant Scherer. GPC will continue to monitor the occurrence of calcium and pH at these wells following the next scheduled sampling events.

5.0 CONCLUSIONS

This ASD has been prepared in response to apparent SSIs identified presented in the 2017 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer, January 31, 2018. In accordance with §257.94(e)(2), this ASD addresses each of the SSIs noted in the 2017 annual report or identified following the revised statistical method for the site.

Review of analytical results and statistical analyses developed for the site indicates that each of the statistical exceedances presented in the January 2018 Annual Report are not the result of a release from the landfill units, but rather the exceedances can be attributed to natural variability in groundwater chemistry or a source other than the lined landfill. The monitoring well network continues to effectively monitor the water bearing unit beneath the Cell 1 and PAC Ash units. Based on the findings presented herein, GPC will continue with detection groundwater monitoring at Cell 1 and PAC Ash Cell.

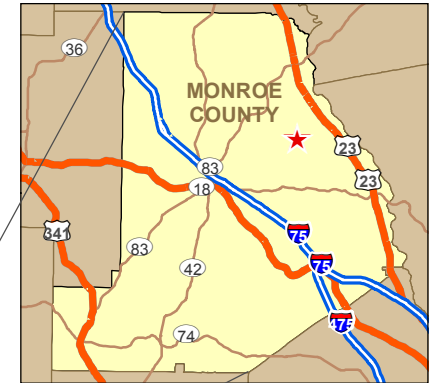
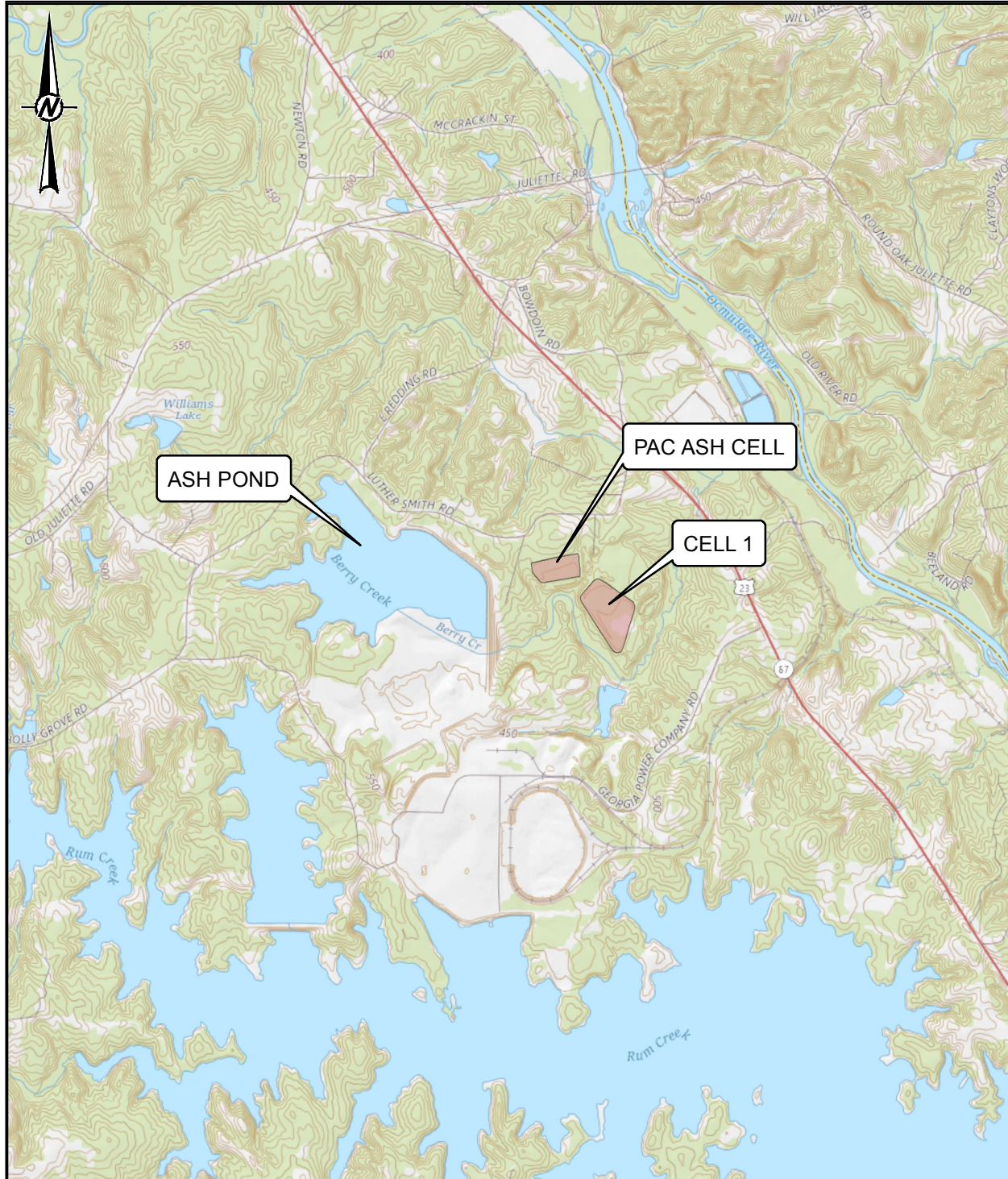
6.0 REFERENCES

Golder Associates Inc., 2018, 2017 Annual Groundwater Monitoring Report, Plant Scherer Cell 1 and PAC Ash Cell, Georgia Power Company – Monroe County, Georgia, USA.

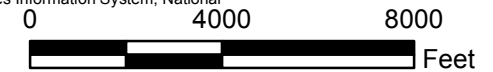
USEPA. 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance. Office of Resource Conservation and Recovery – Program Implementation and Information Division. March

USEPA. 2015. Federal Register. Volume 80. No. 74. Friday April 17, 2015. Part II. Environmental Protection Agency. 40 CFR Parts 257 and 261. Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule/ [EPA-HQ-RCRA-2009-0640; FRL-9919-44-OSWER].

FIGURES



Service Layer Credits: USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National



CLIENT
SOUTHERN COMPANY SERVICES, INC.
PLANT SCHERER



PROJECT
PLANT SCHERER CELL 1 AND PAC ASH CELL
ALTERNATE SOURCE DEMONSTRATION

TITLE
SITE LOCATION MAP

CONSULTANT



YYYY-MM-DD 2018-01-31

PREPARED DJC

DESIGN DLP

REVIEW *dlp*

APPROVED *rpk*

PROJECT No.
1662350

CONTROL
1662350\000-GIS.mxd

Rev.
0

FIGURE
1



LEGEND

PROPERTY BOUNDARY

CELL 1 LANDFILL MONITORING WELL

PAC ASH LANDFILL MONITORING WELL

SURFACE WATER SAMPLE LOCATION

NOTES

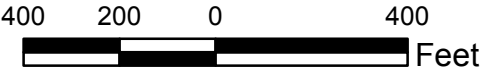
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REFERENCE

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SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGID, IGN, AND THE GIS USER COMMUNITY

2. COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).

3. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY SOUTHERN COMPANY SERVICES.



CLIENT

SOUTHERN COMPANY SERVICES, INC.
PLANT SCHERER

PROJECT

PLANT SCHERER CELL 1 AND PAC ASH CELL
ALTERNATE SOURCE DEMONSTRATION

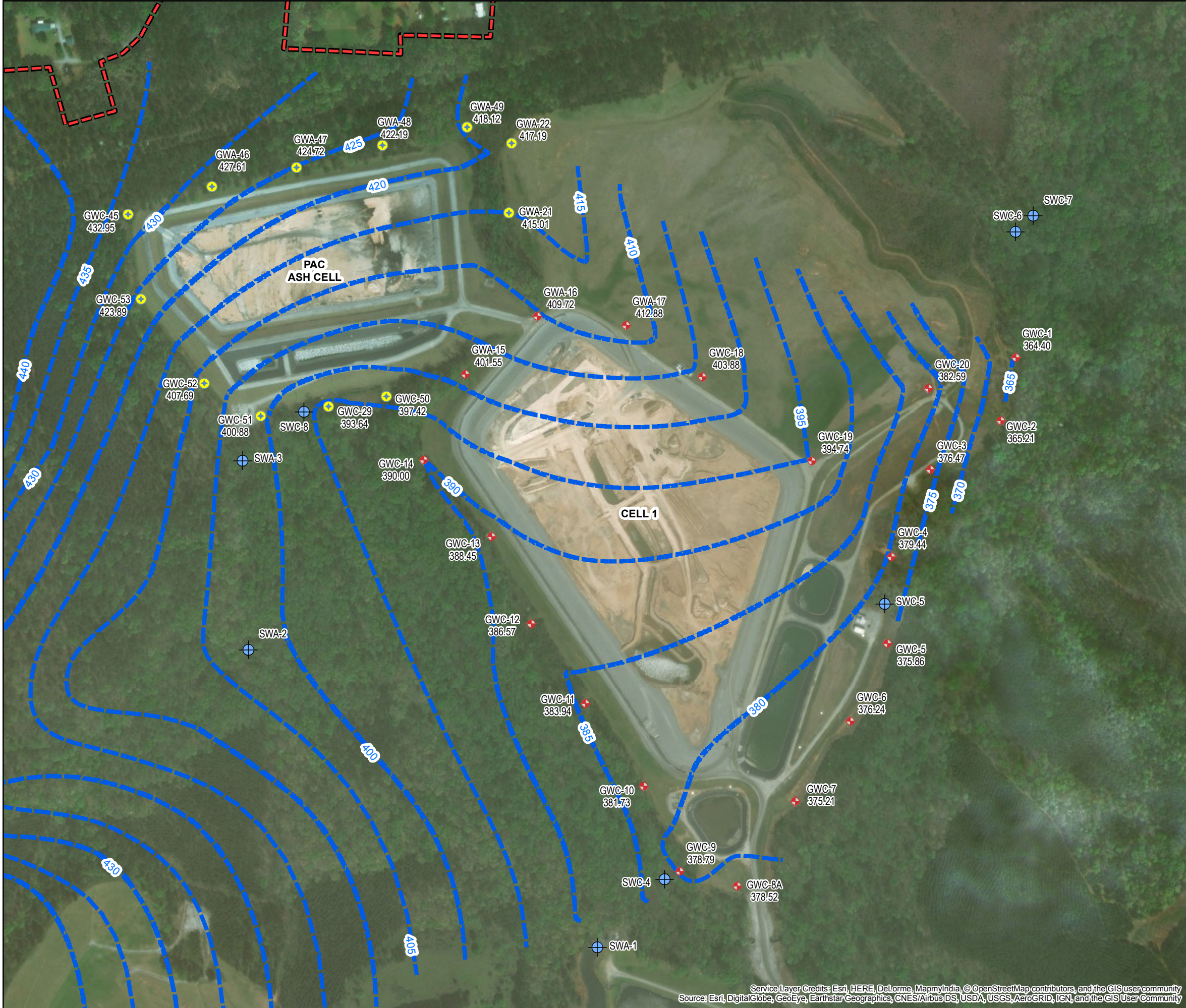


TITLE

SITE PLAN AND WELL LOCATION MAP

CONSULTANT	YYYY-MM-DD	2016-12-08
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	DLP
	APPROVED	RPK





LEGEND

PROPERTY BOUNDARY

GROUNDWATER CONTOURS

CELL 1 LANDFILL MONITORING WELL

PAC ASH LANDFILL MONITORING WELL

SURFACE WATER SAMPLE LOCATION

NOTES

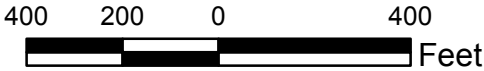
1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.

REFERENCE

1. SERVICE LAYER CREDITS: ESRI, HERE, DELORME, MAPMYINDIA, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGN, AND THE GIS USER COMMUNITY

2. COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).

3. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY SOUTHERN COMPANY SERVICES.



CLIENT
SOUTHERN COMPANY SERVICES, INC.
PLANT SCHERER



PROJECT
PLANT SCHERER CELL 1 AND PAC ASH CELL
ALTERNATE SOURCE DEMONSTRATION

TITLE
POTENTIOMETRIC SURFACE ELEVATION CONTOUR MAP
CELL 1 & PAC ASH CELL (OCTOBER 2017)

CONSULTANT	YYYY-MM-DD	2018-03-08
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	DLP
	APPROVED	RPK



PROJECT No.	CONTROL	Rev.	FIGURE
166235018	166235018A001-GIS.mxd	0	3

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APPENDIX A

**TREND ANALYSES & TIME
SERIES PLOTS**

TREND ANALYSES & TIME SERIES PLOTS

CELL 1

Trend Test

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 4/12/2018, 12:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWC-8A	0.6181	6.759	3.143	Yes	8	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-9	-0.1885	-0.8596	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-10	0.149	2.925	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-11	-0.1496	-2.751	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-12	-0.2035	-3.546	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-13	-0.3384	-3.905	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-14	-0.08415	-0.7322	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-18	-0.1544	-3.926	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-19	-0.1819	-4.153	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-20	-0.1486	-2.397	3.143	No	8	0	Yes	no	0.01	Param.
Fluoride (mg/L)	GWA-15 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWA-16 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWA-17 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-1	0.07322	1.689	2.998	No	9	44.44	Yes	no	0.01	Param.
Fluoride (mg/L)	GWC-2	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-3	0	13	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-4	0.002467	0.1157	2.998	No	9	0	Yes	no	0.01	Param.
Fluoride (mg/L)	GWC-5	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-6	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-7	0	15	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-8A	-0.00...	-0.1449	3.143	No	8	0	Yes	no	0.01	Param.
Fluoride (mg/L)	GWC-9	0.03749	0.7184	2.998	No	9	66.67	Yes	no	0.01	Param.
Fluoride (mg/L)	GWC-10	0	13	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-11	0	13	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-12	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-13	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-14	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-18	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-19	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-20	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
pH (S.U.)	GWA-15 (bg)	-0.05537	-2.66	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWA-16 (bg)	-0.00...	-0.34	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWA-17 (bg)	0.1272	1.124	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-1	-0.0531	-1.299	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-2	-0.02305	-6	-18	No	7	0	n/a	n/a	0.01	NP (N)
pH (S.U.)	GWC-3	-0.01288	-0.4061	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-4	-0.2139	-2.496	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-5	0.04685	1.561	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-6	-0.01274	-0.6453	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-7	-0.2171	-3.5	-2.998	Yes	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-8A	0.4816	3.492	2.764	Yes	12	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-9	0.0158	0.5123	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-10	-0.1323	-1.811	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-11	-0.04225	-2.436	3.143	No	8	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-12	-0.05469	-1.459	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-13	0.00848	0.4305	2.896	No	10	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-14	-0.02788	-0.9877	3.143	No	8	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-18	-0.02044	-0.5564	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-19	0.02002	0.8044	3.143	No	8	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-20	0.007171	0.2407	2.998	No	9	0	Yes	no	0.01	Param.

Trend Test

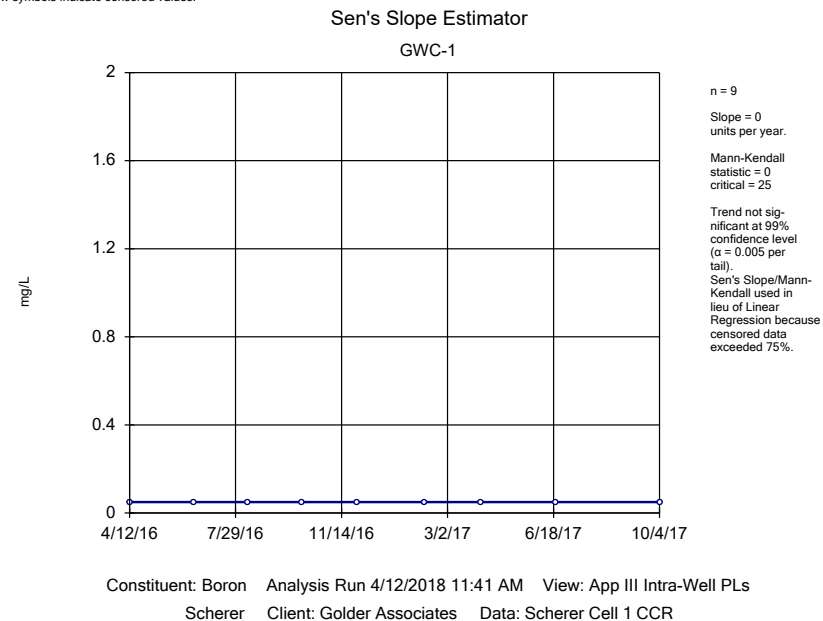
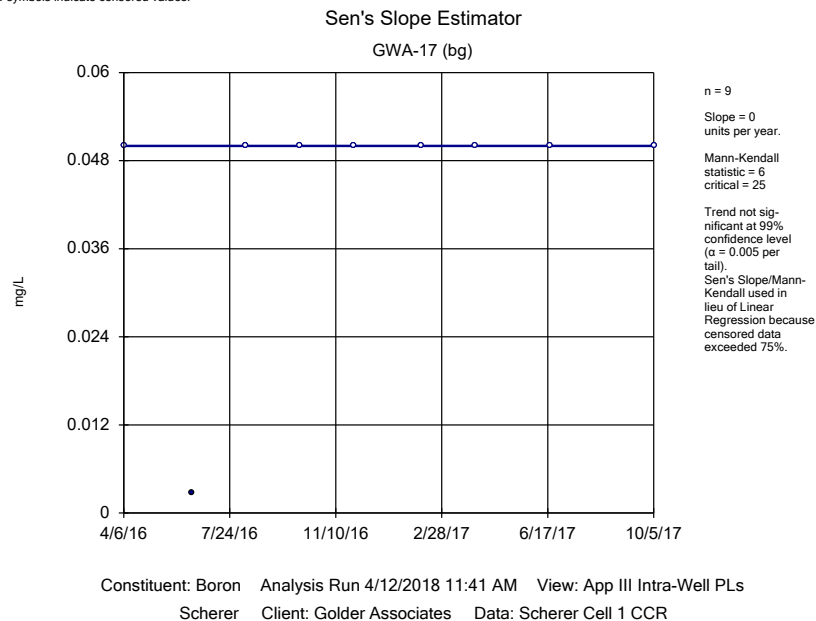
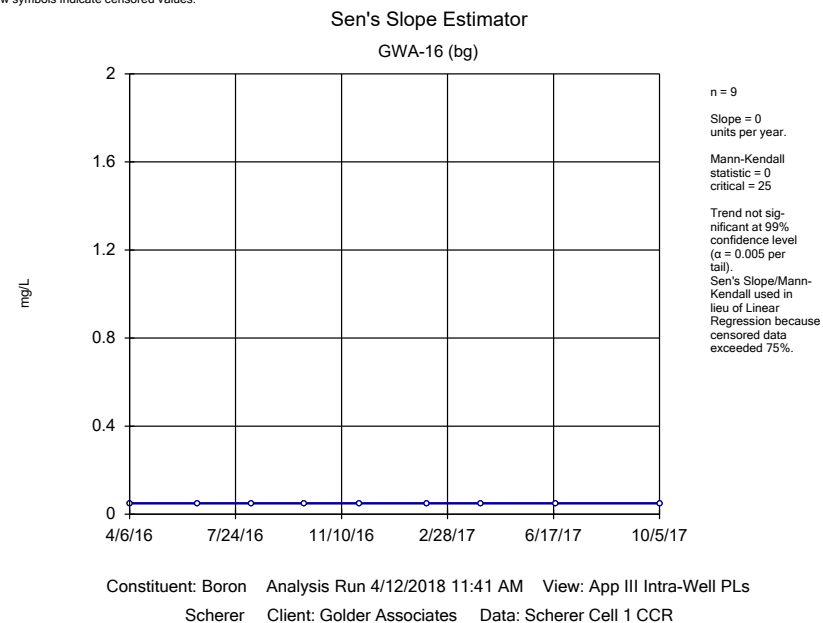
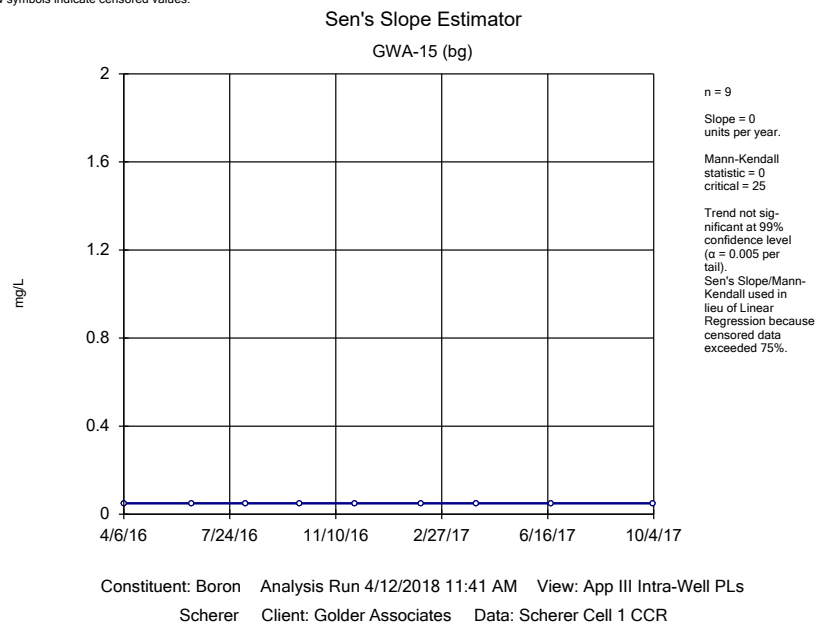
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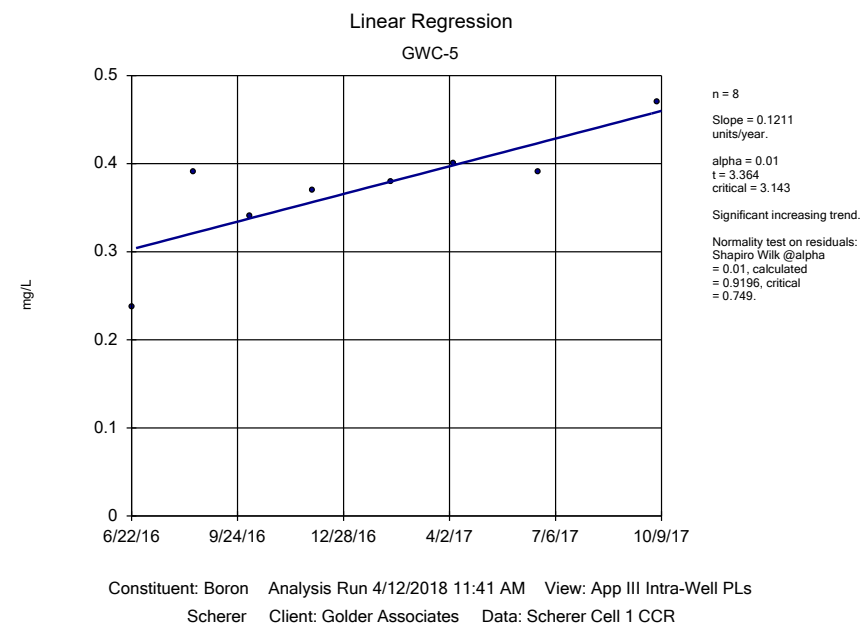
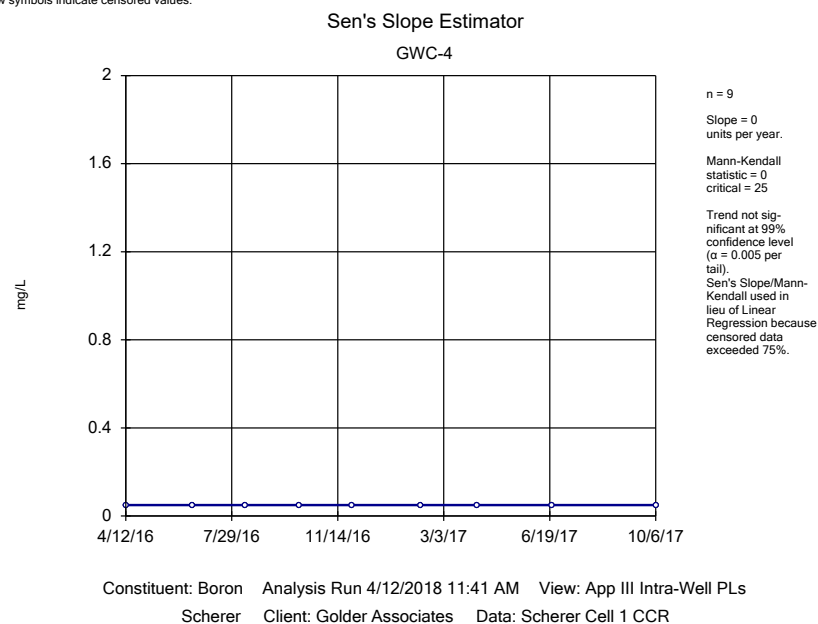
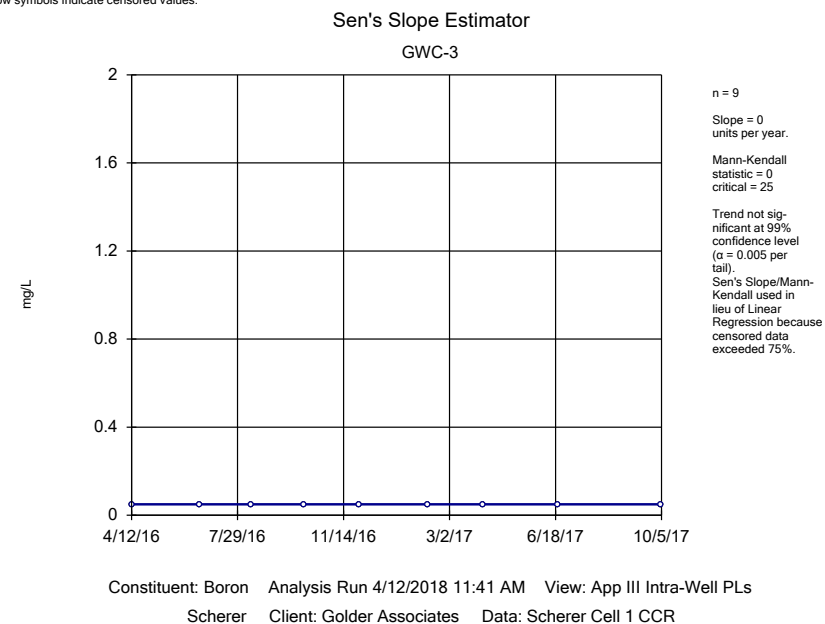
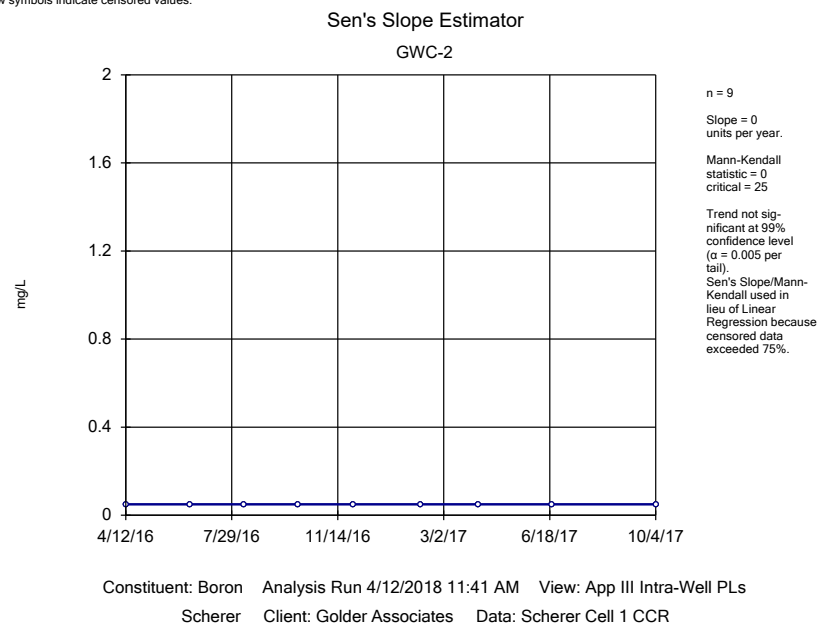
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWA-15 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWA-16 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWA-17 (bg)	0	6	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-1	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-2	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-3	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-4	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-5	0.1211	3.364	3.143	Yes	8	0	Yes	no	0.01	Param.
Boron (mg/L)	GWC-6	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-7	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-8A	0.1058	3.384	3.143	Yes	8	0	Yes	no	0.01	Param.
Boron (mg/L)	GWC-9	0.01215	1.016	2.998	No	9	0	Yes	no	0.01	Param.
Boron (mg/L)	GWC-10	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-11	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-12	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-13	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-14	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-18	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-19	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-20	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Calcium (mg/L)	GWA-15 (bg)	0.1277	0.2955	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWA-16 (bg)	0.2119	0.2076	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWA-17 (bg)	0.3168	0.4756	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-1	0.3012	0.2602	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-2	0.3343	0.2835	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-3	1.272	2.732	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-4	2.892	4.63	2.998	Yes	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-5	-5.365	-0.2052	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-6	0.4325	0.7092	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-7	1.11	2.082	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-8A	9.594	3.745	3.143	Yes	8	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-9	0.8303	1.339	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-10	2.206	2.565	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-11	0.9878	1.375	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-12	-0.02244	-0.2772	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-13	0.955	3.753	2.998	Yes	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-14	0.458	1.24	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-18	-0.4009	-0.7498	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-19	0.1168	0.154	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-20	0.3203	0.3714	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWA-15 (bg)	-0.1539	-1.625	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWA-16 (bg)	-0.2891	-3.581	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWA-17 (bg)	-0.2159	-3.538	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-1	-0.1732	-0.8719	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-2	-0.2759	-6.214	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-3	0.3472	7.034	2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-4	4.232	4.995	2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-5	-11.55	-0.8179	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-6	-1.723	-3.989	-3.143	Yes	8	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-7	0	-5	-18	No	7	0	n/a	n/a	0.01	NP (N)

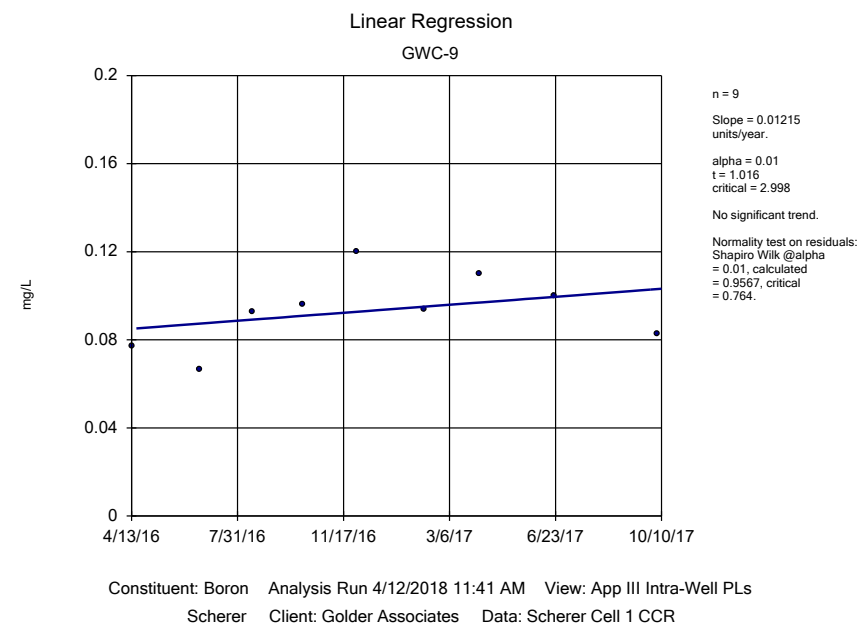
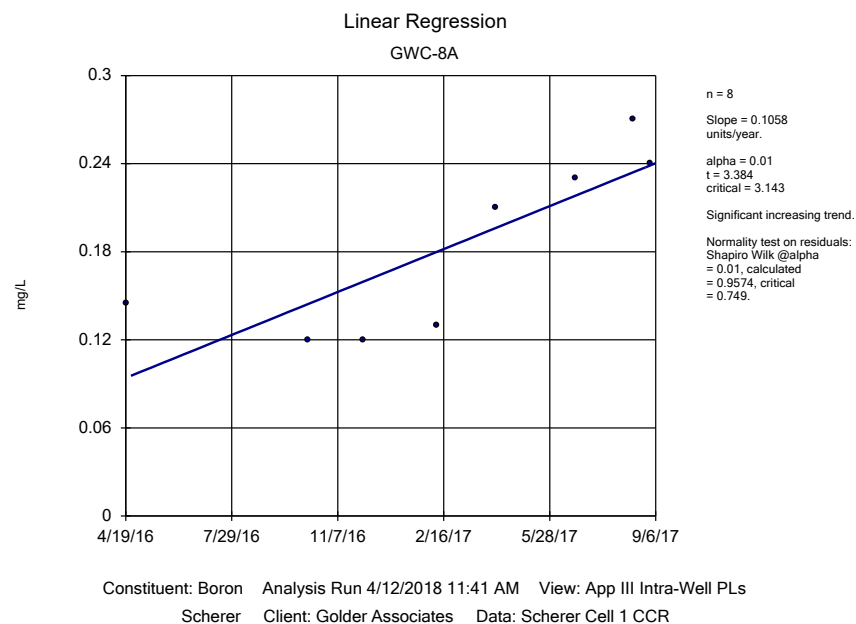
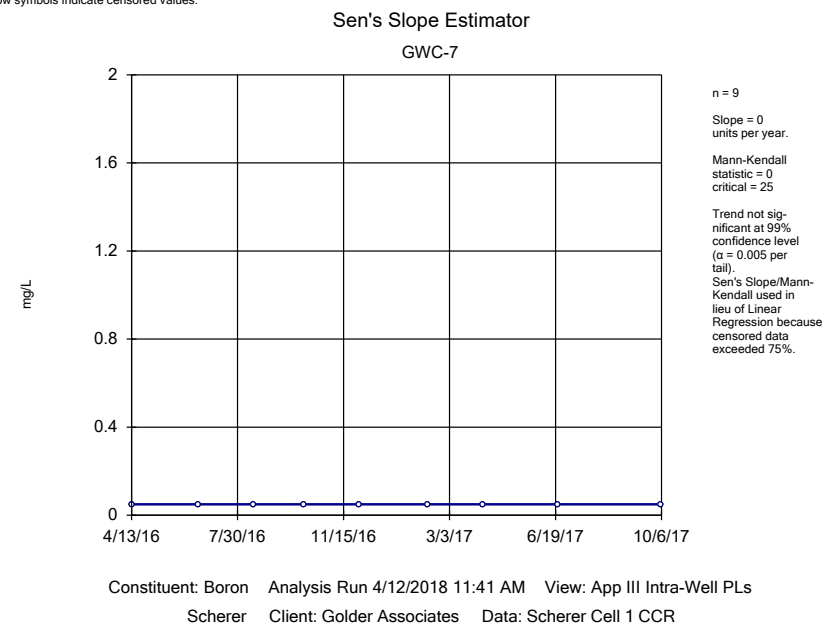
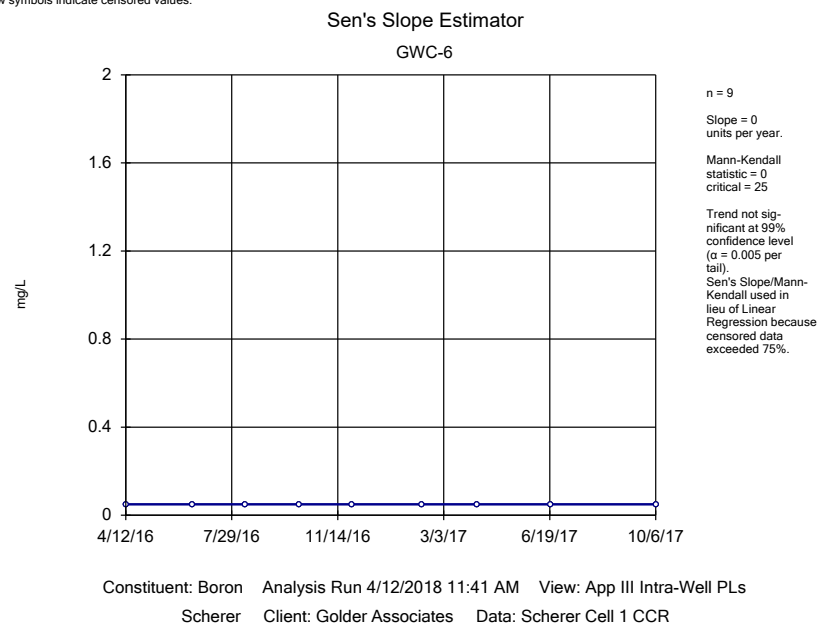
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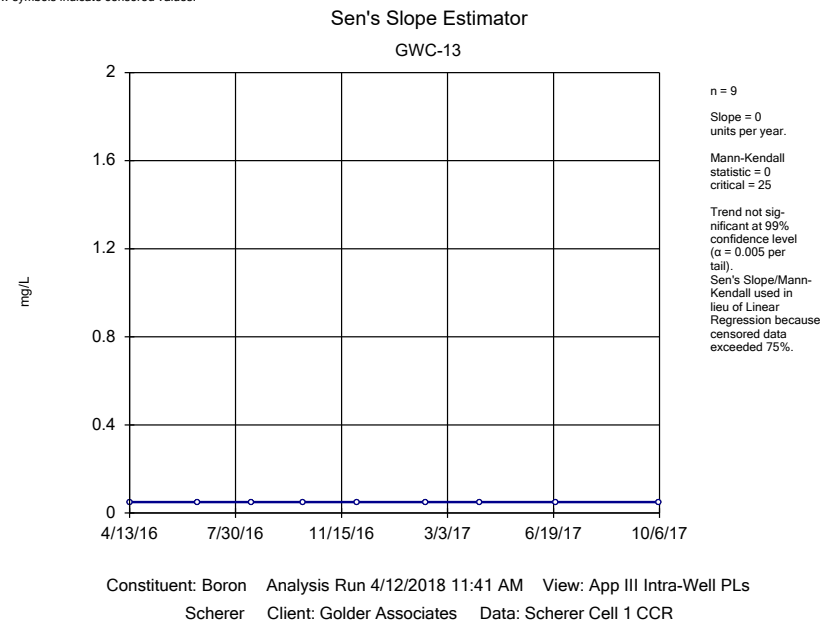
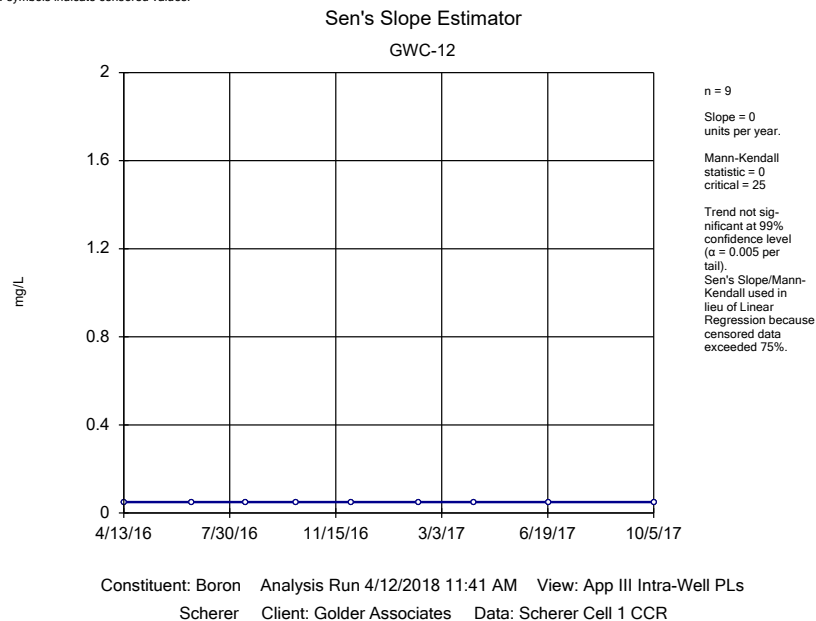
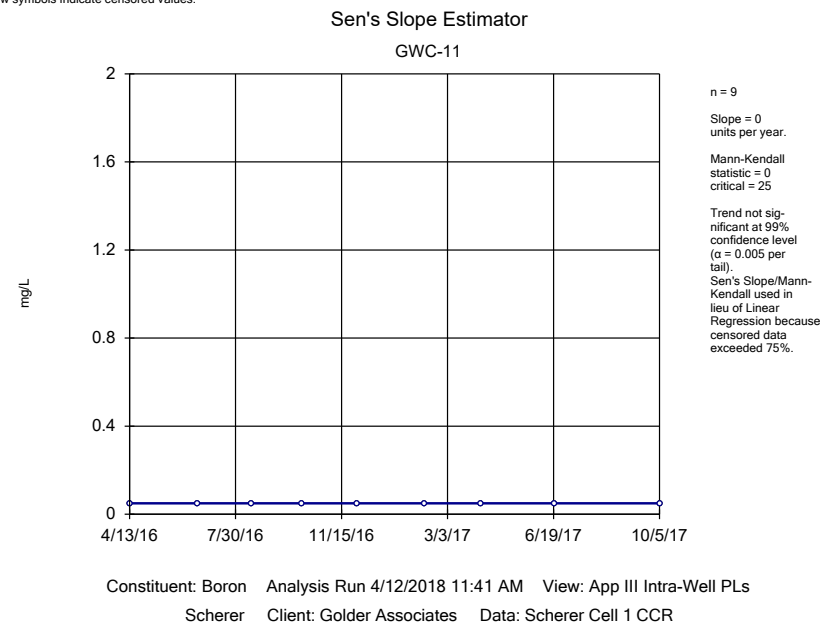
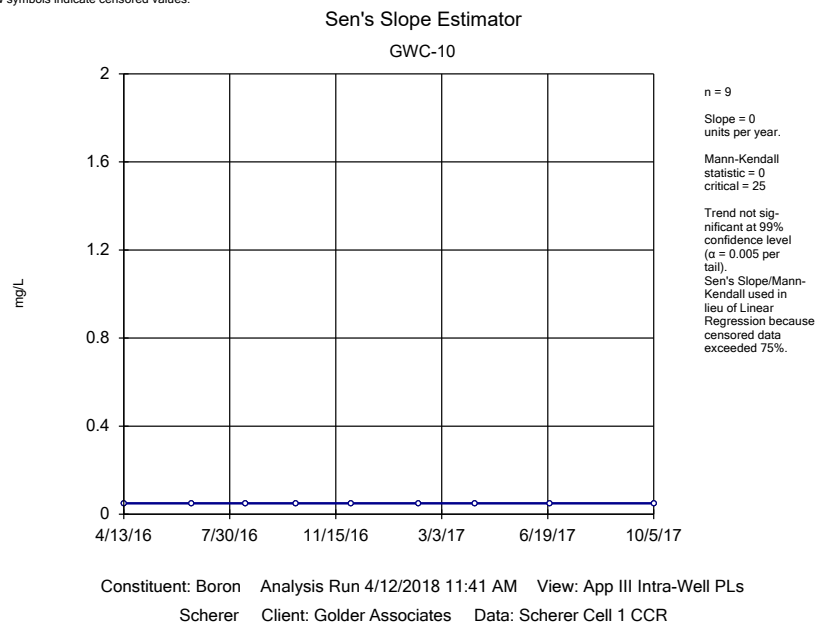
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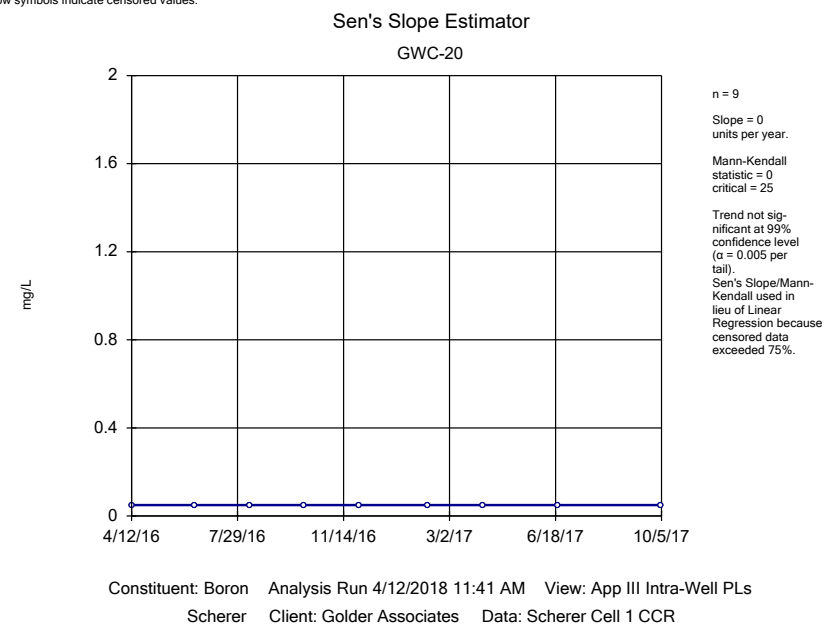
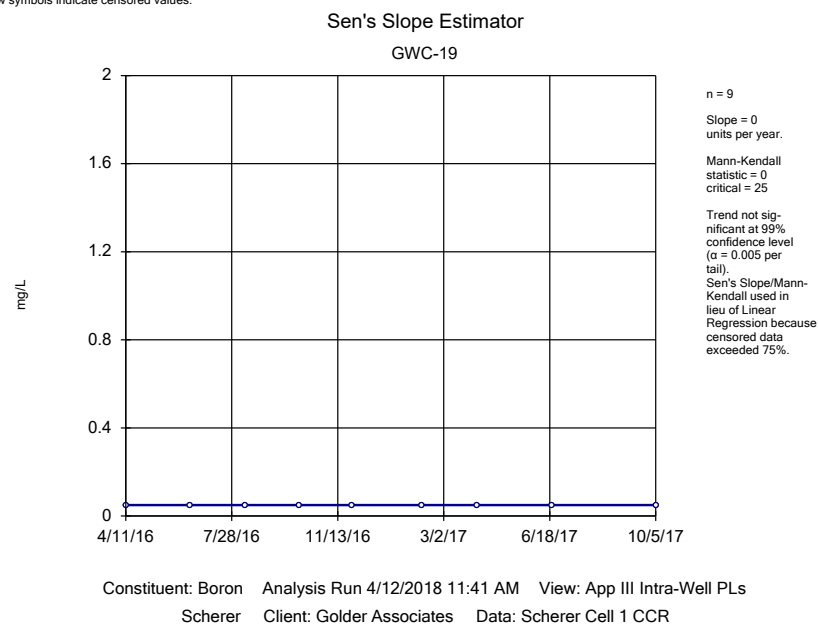
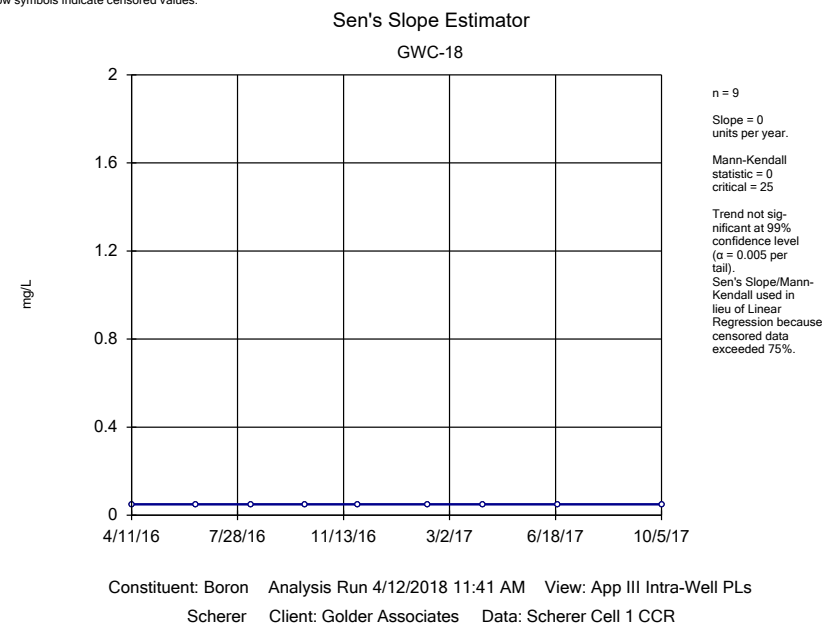
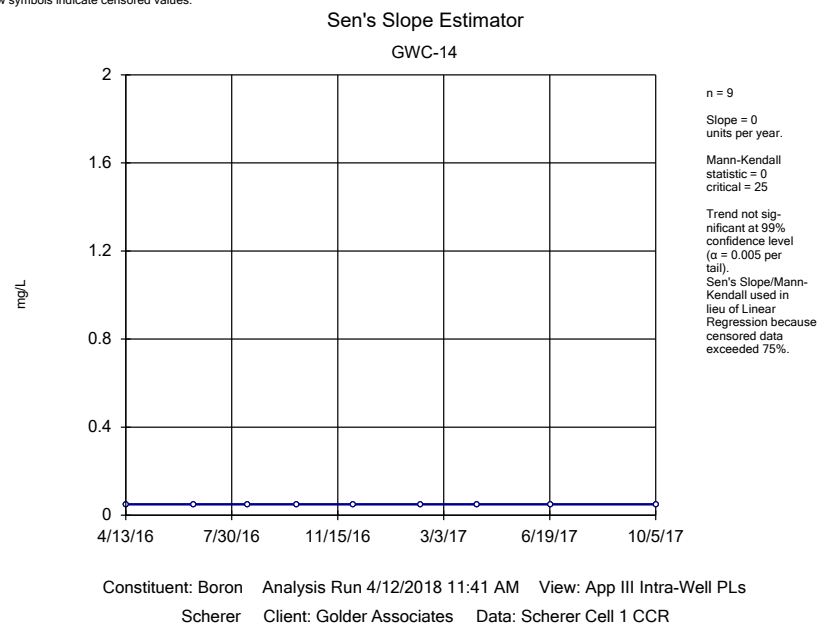
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Sulfate (mg/L)	GWA-15 (bg)	0	7	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWA-16 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWA-17 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-1	0.06628	0.6254	2.998	No	9	55.56	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-2	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-3	0.314	2.333	2.998	No	9	66.67	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-4	0.8298	0.9006	2.998	No	9	0	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-5	-53.2	-0.8003	2.998	No	9	0	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-6	-1.364	-0.6778	2.998	No	9	0	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-7	0	6	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-8A	6.447	3.149	3.143	Yes	8	0	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-9	2.851	1.433	2.998	No	9	0	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-10	0.3278	2.775	2.998	No	9	33.33	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-11	0	6	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-12	0	6	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-13	0	13	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-14	0	6	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-18	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-19	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-20	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Total Dissolved Solids (mg/L)	GWA-15 (bg)	-1.884	-0.2069	2.998	No	9	11.11	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWA-16 (bg)	1.467	0.07275	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWA-17 (bg)	-17.59	-0.8125	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-1	-11.5	-1.312	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-2	2.709	0.104	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-3	5.49	0.8091	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-4	11.59	1.649	3.143	No	8	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-5	-31.74	-0.2564	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-6	8.308	1.305	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-7	6.173	0.486	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-8A	1.233	2	18	No	7	0	n/a	n/a	0.01	NP (N)
Total Dissolved Solids (mg/L)	GWC-9	4.346	0.2313	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-10	21.86	1.679	3.143	No	8	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-11	-48.38	-0.9703	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-12	0.1734	0.2097	2.998	No	9	44.44	Yes	natura...	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-13	23.47	1.728	3.143	No	8	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-14	11.62	0.7871	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-18	15.42	1.421	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-19	17.51	0.8112	2.998	No	9	0	Yes	no	0.01	Param.
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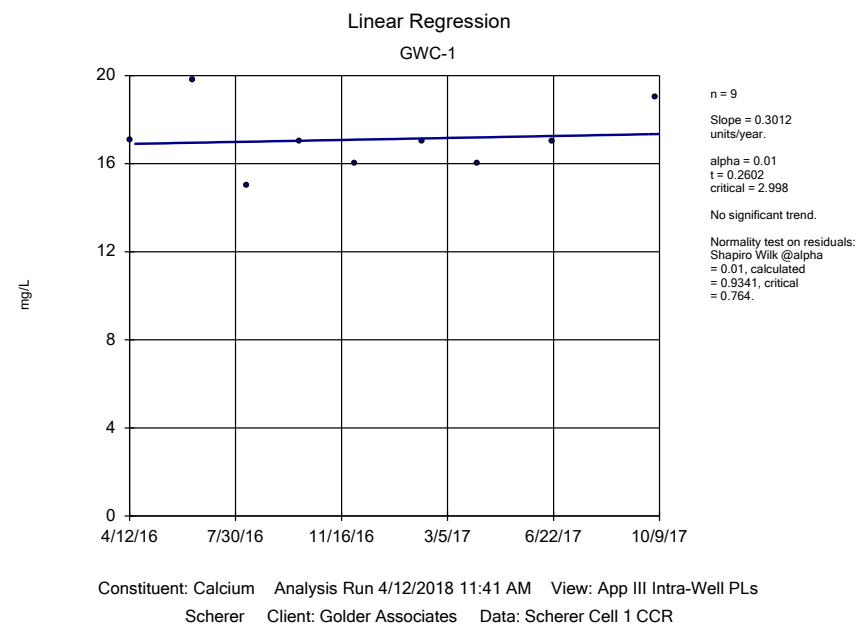
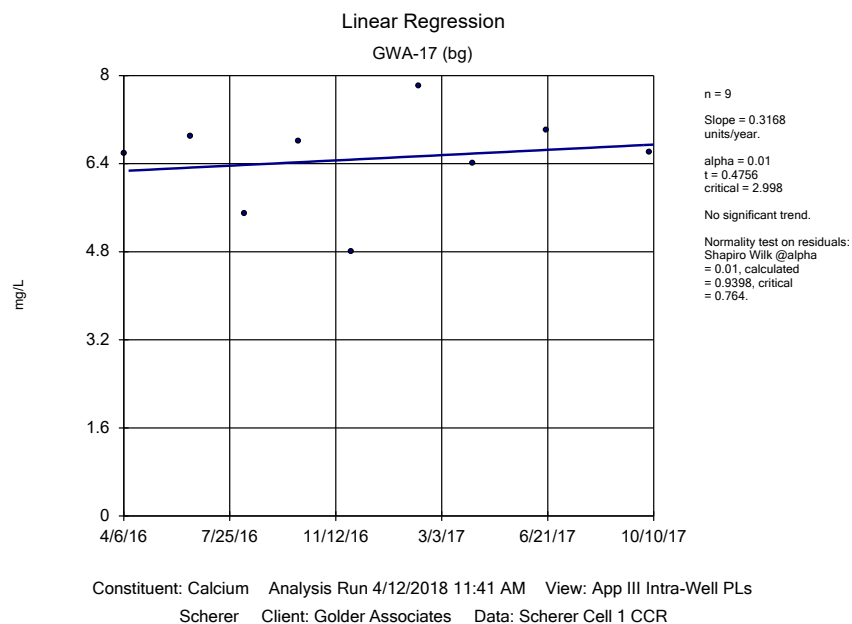
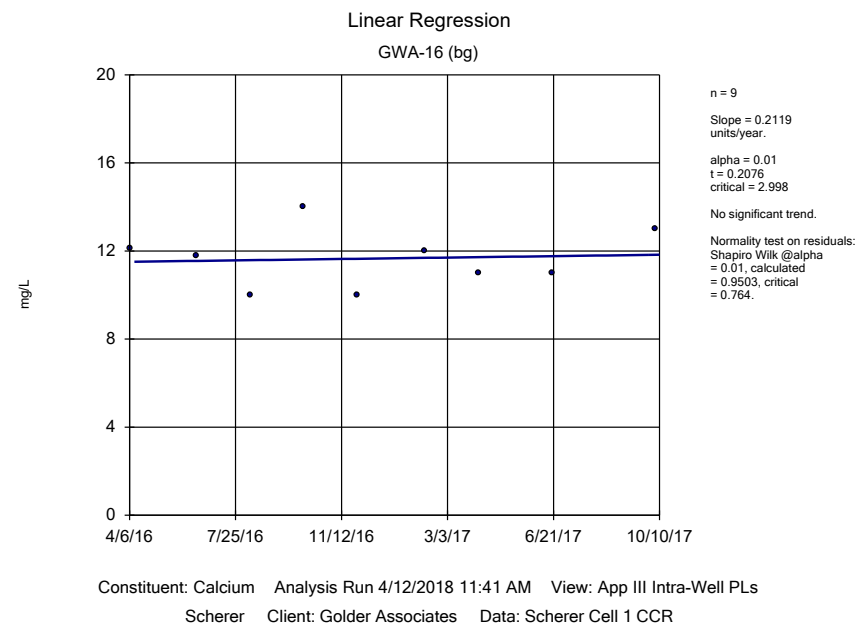
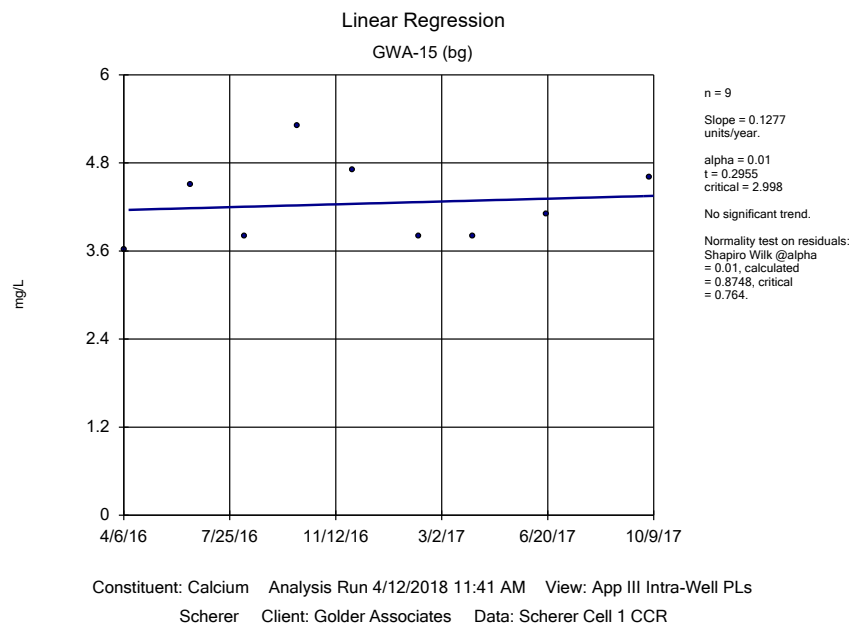


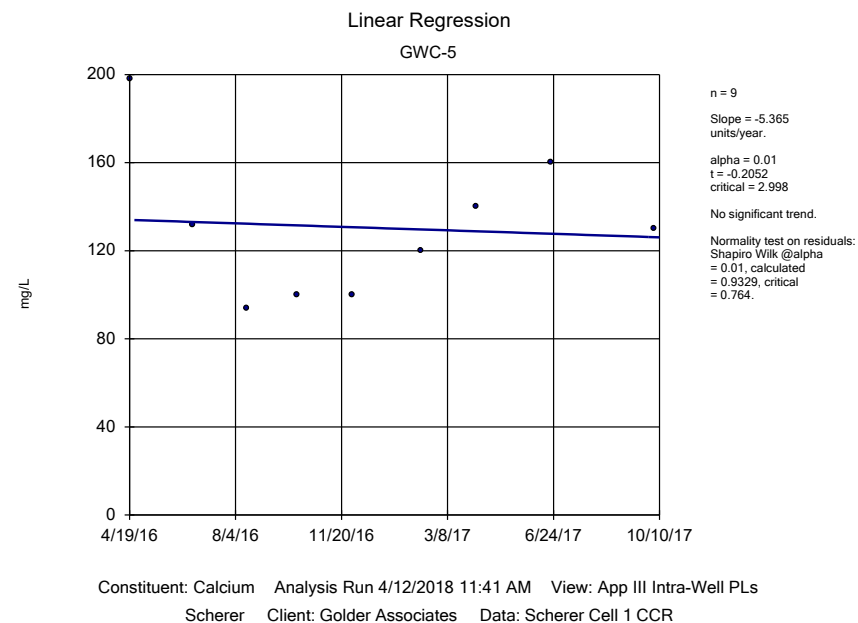
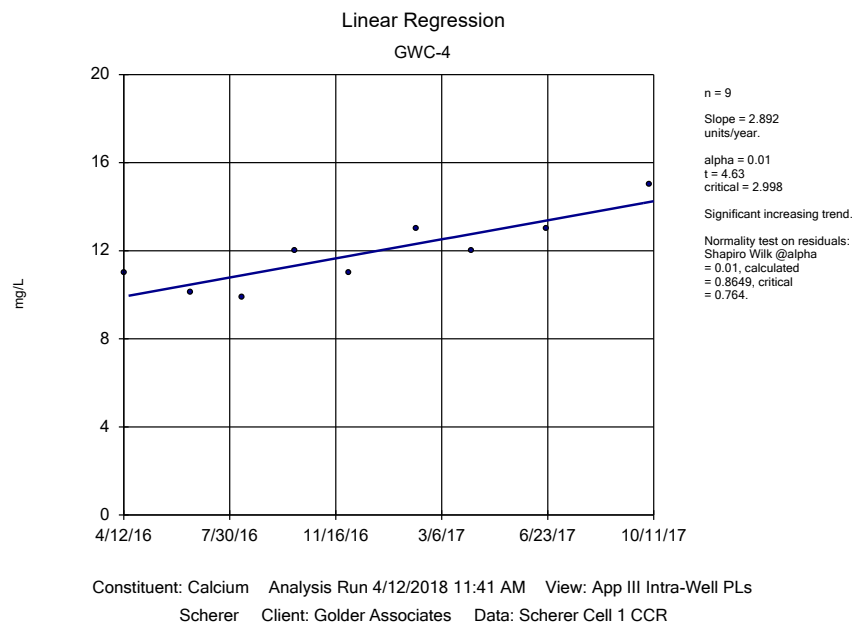
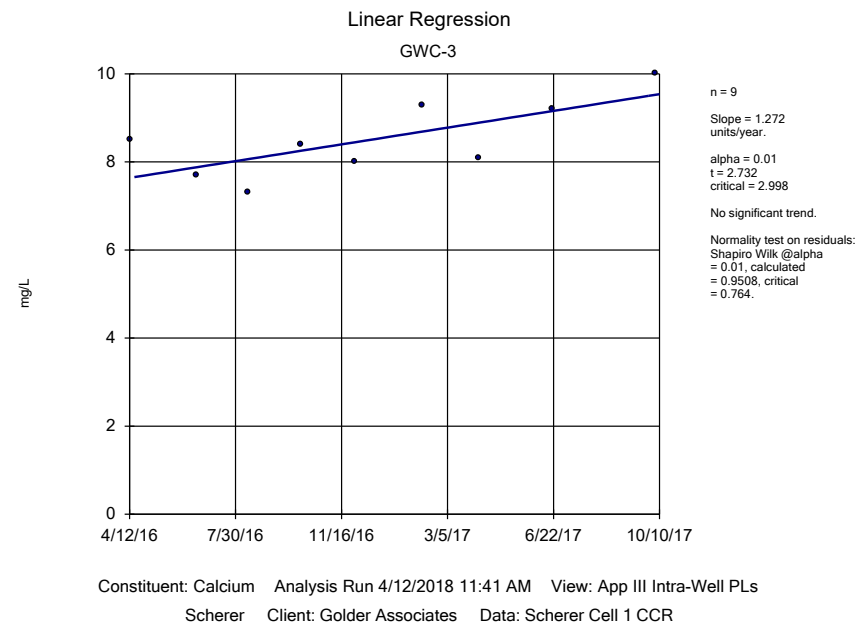
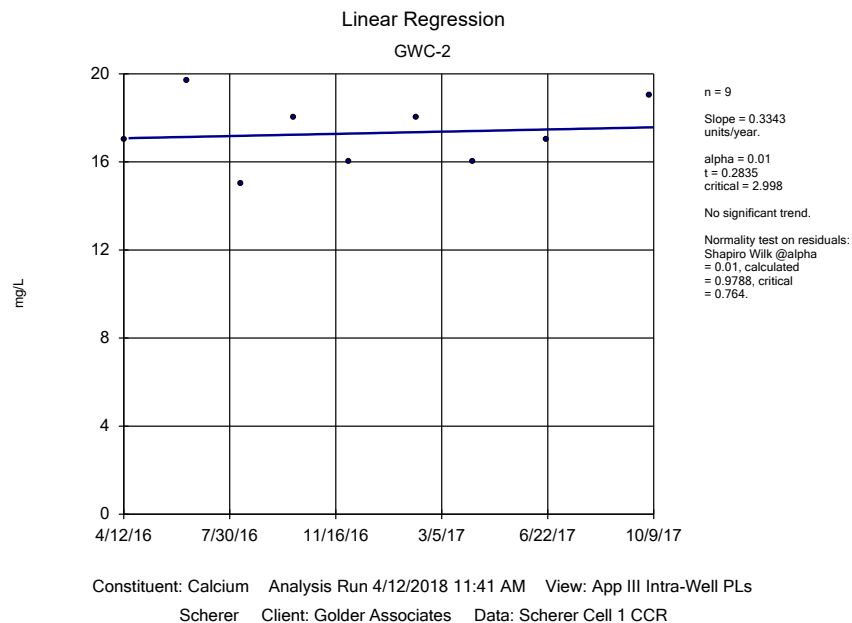


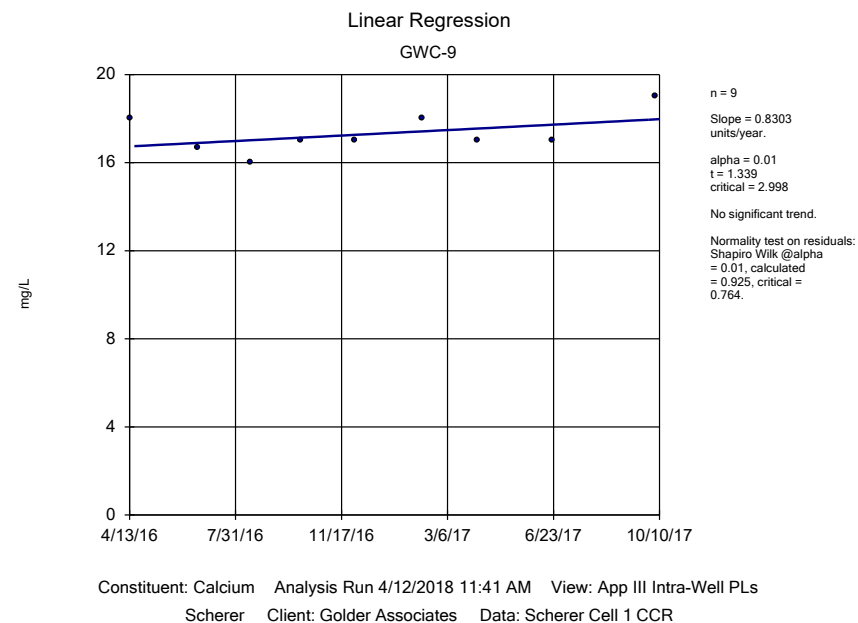
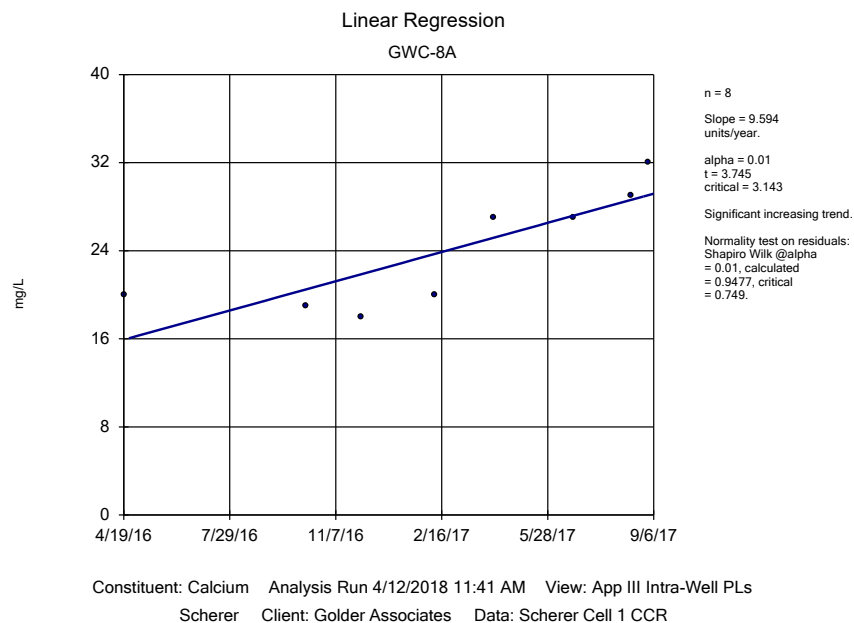
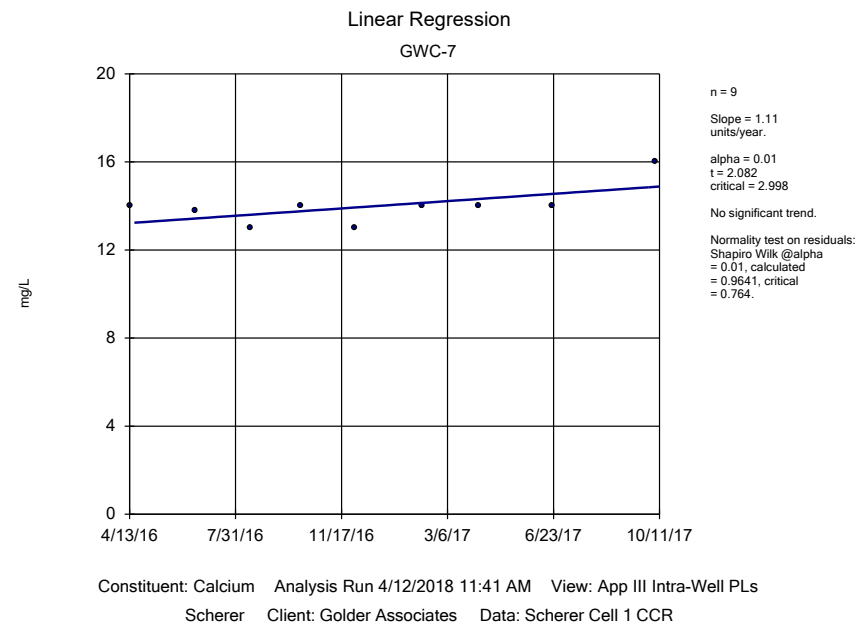
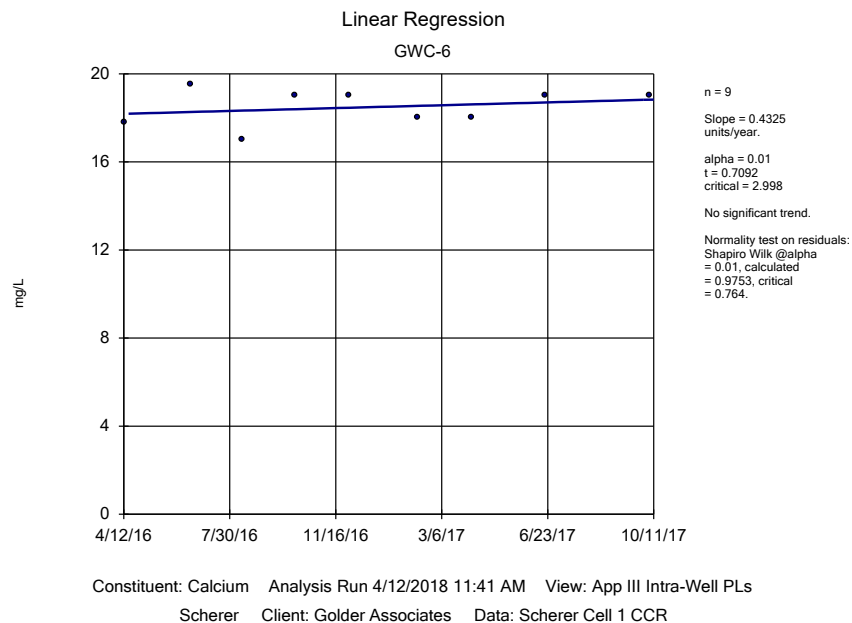


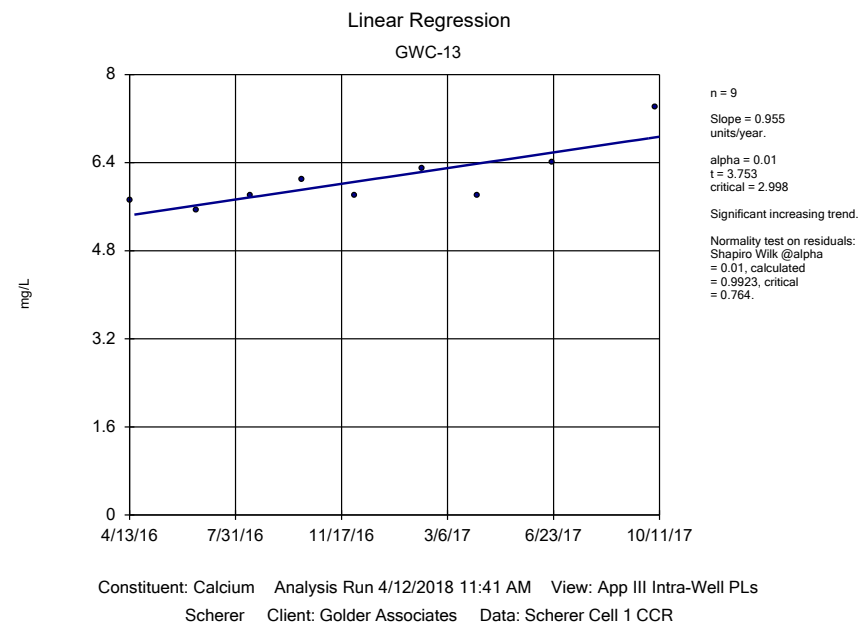
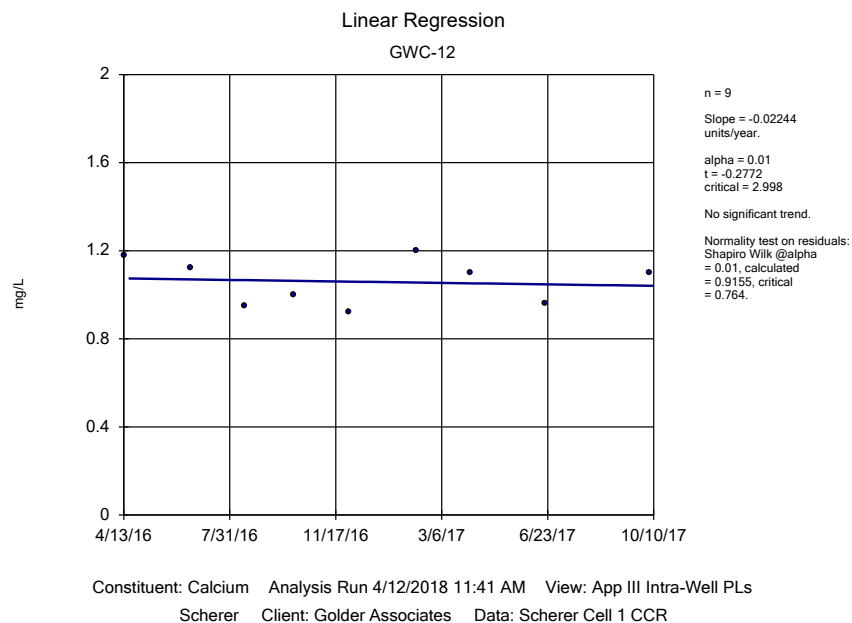
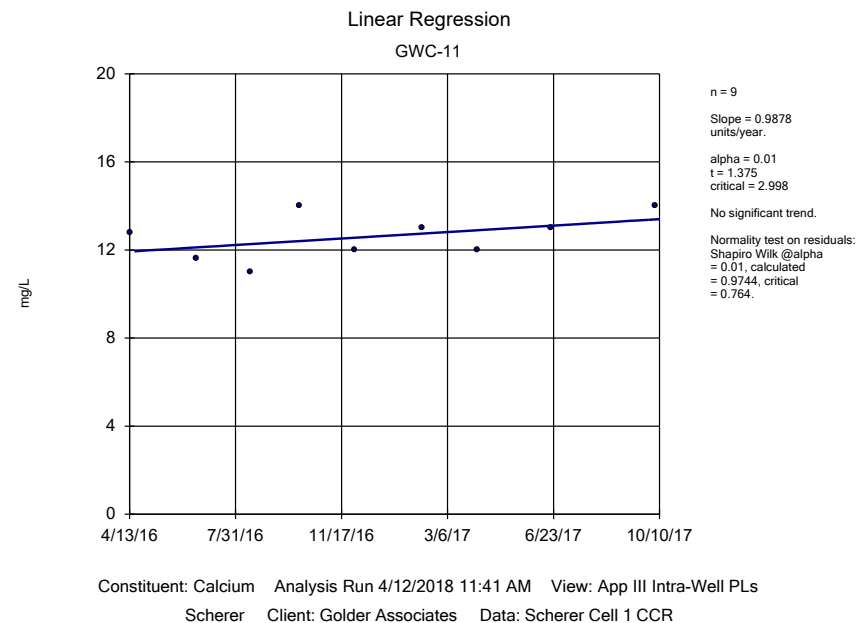
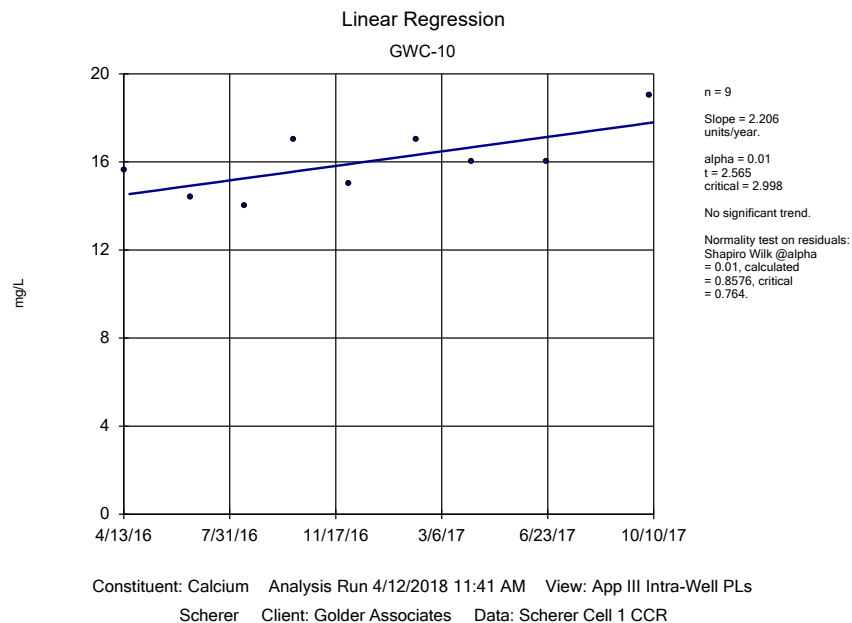


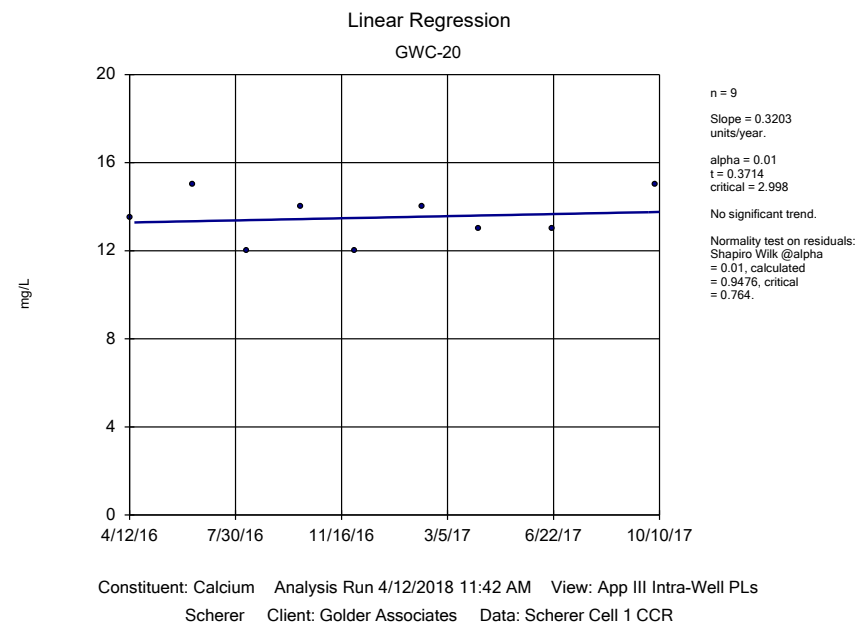
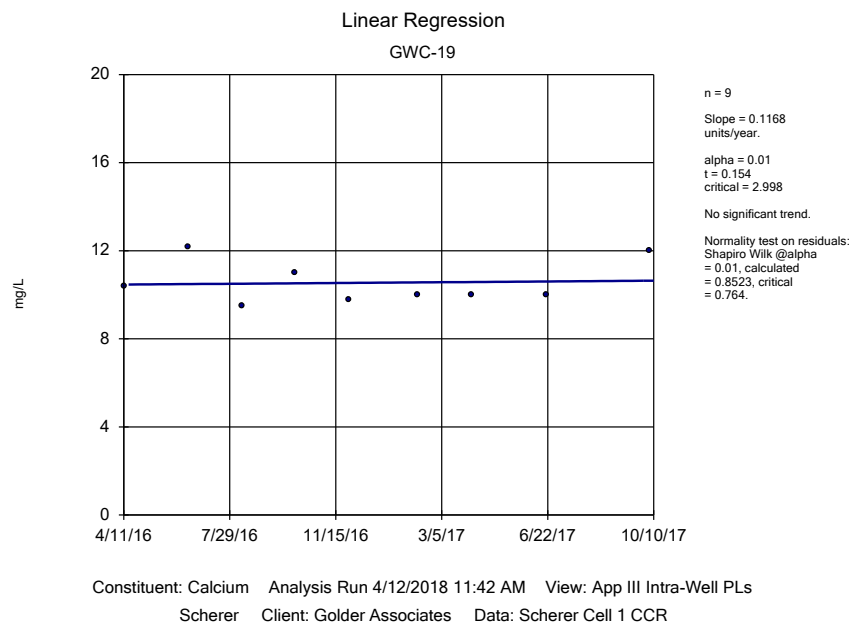
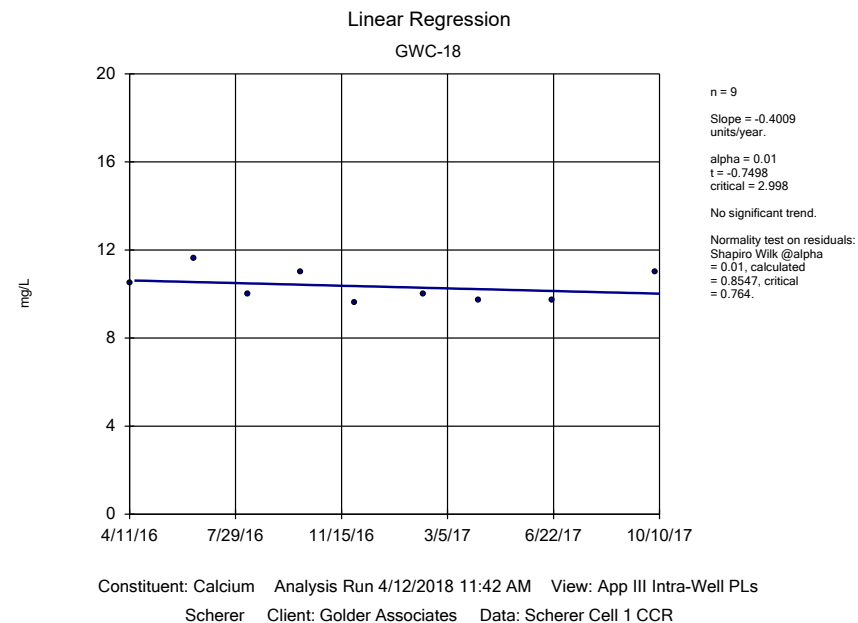
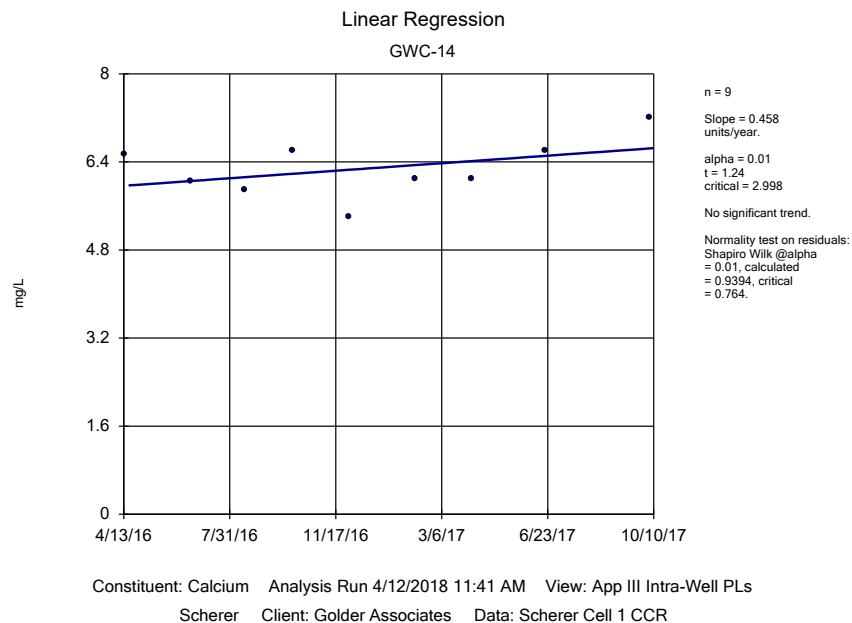


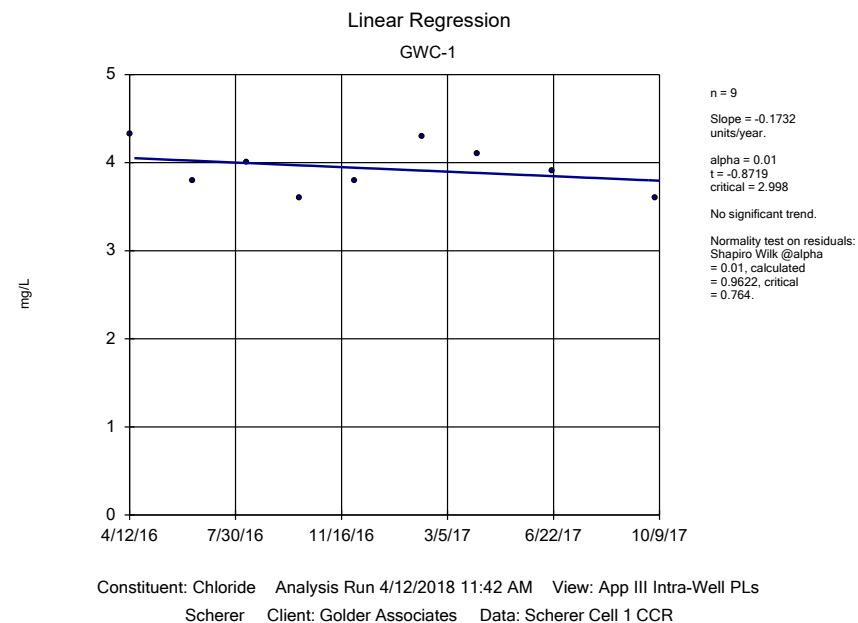
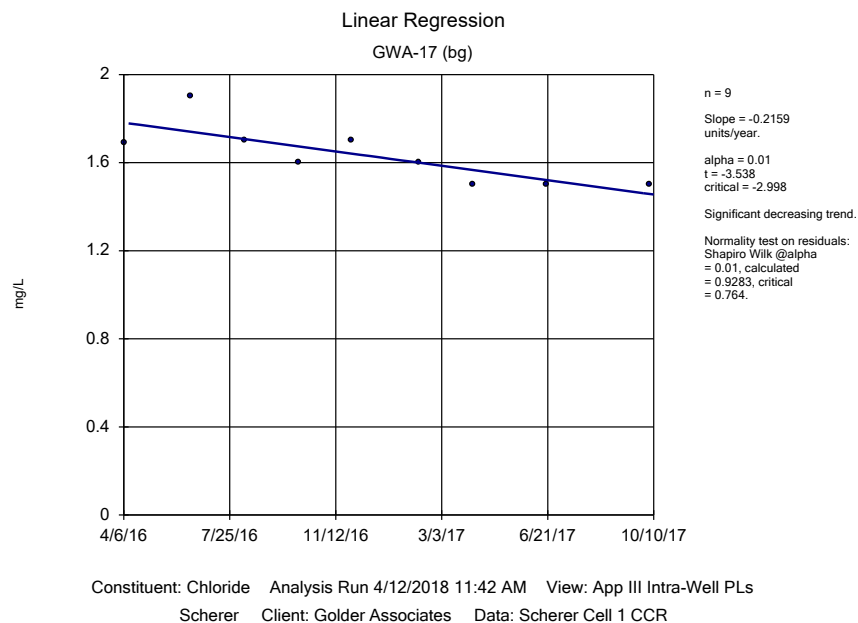
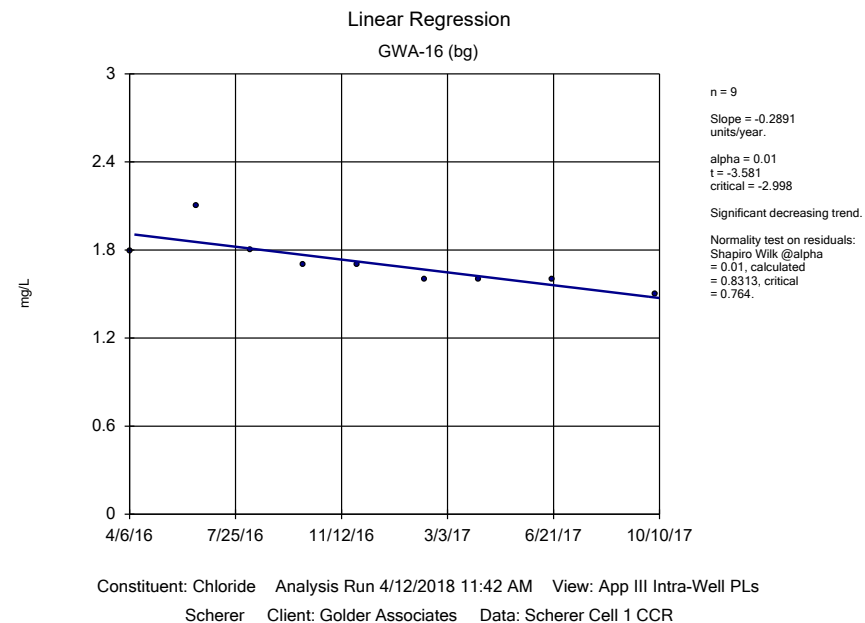
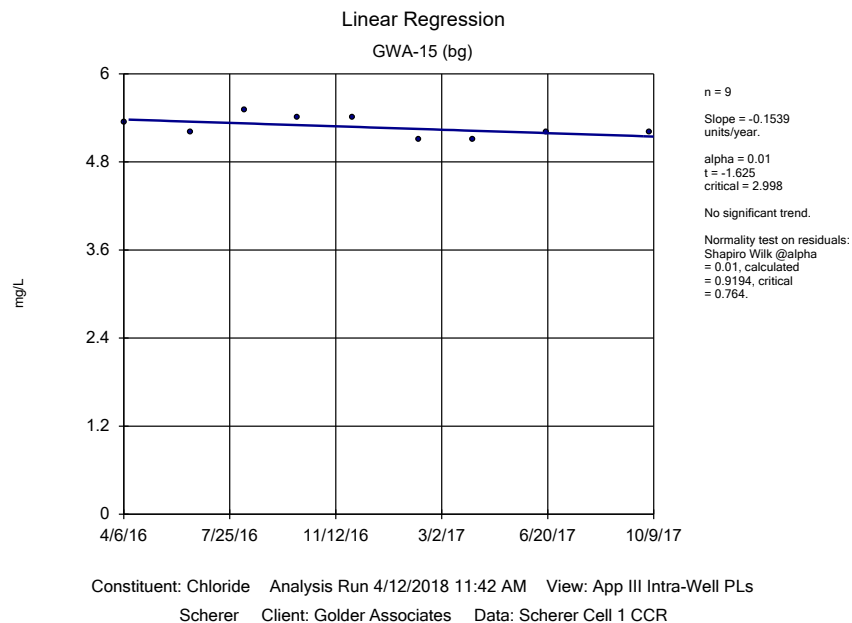


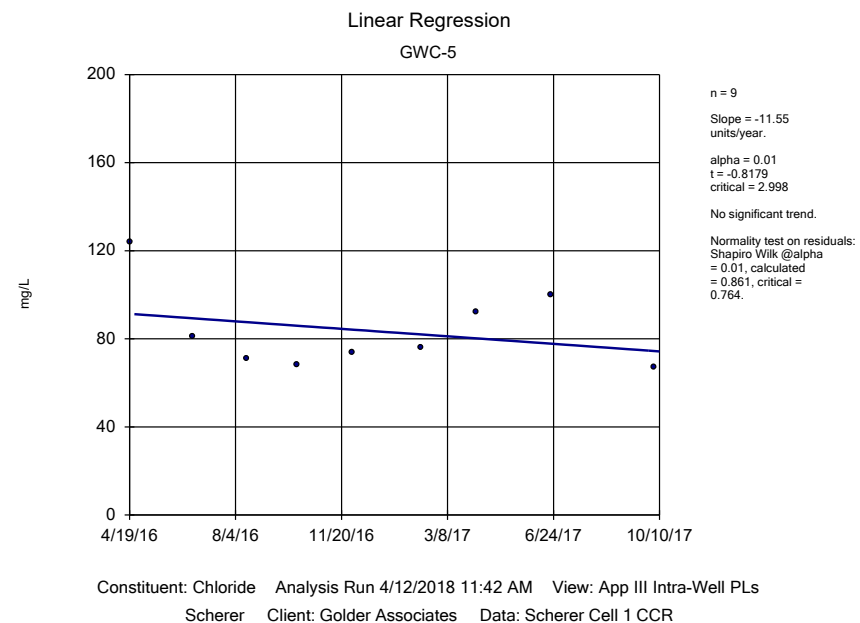
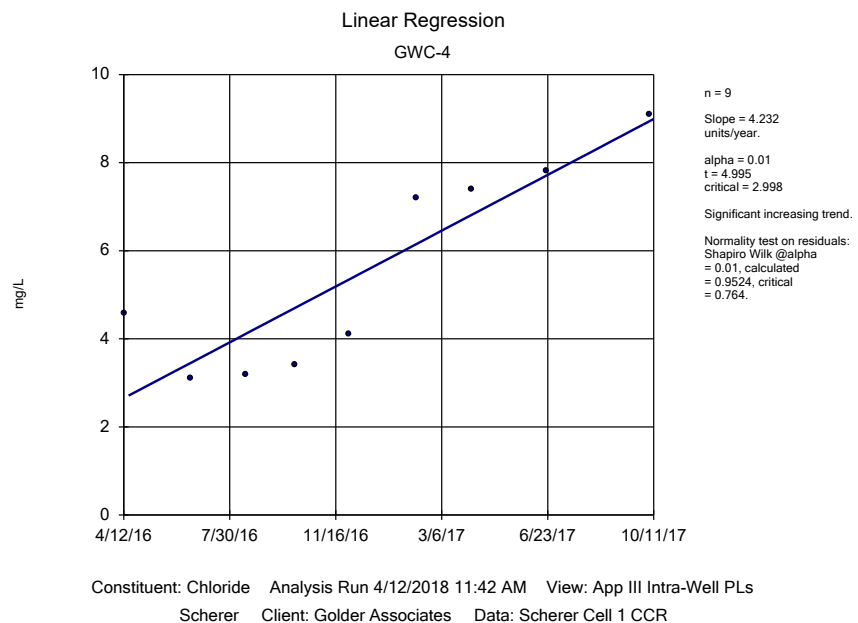
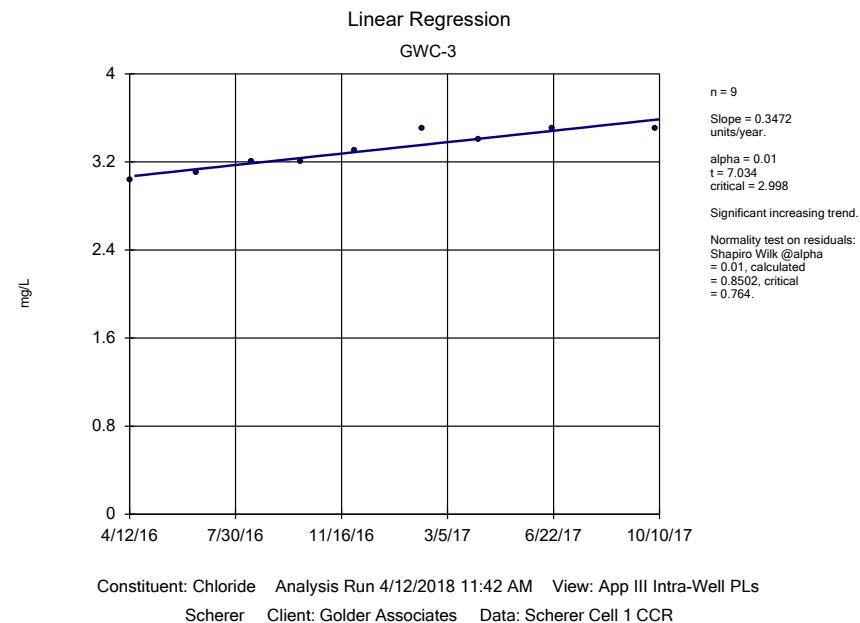
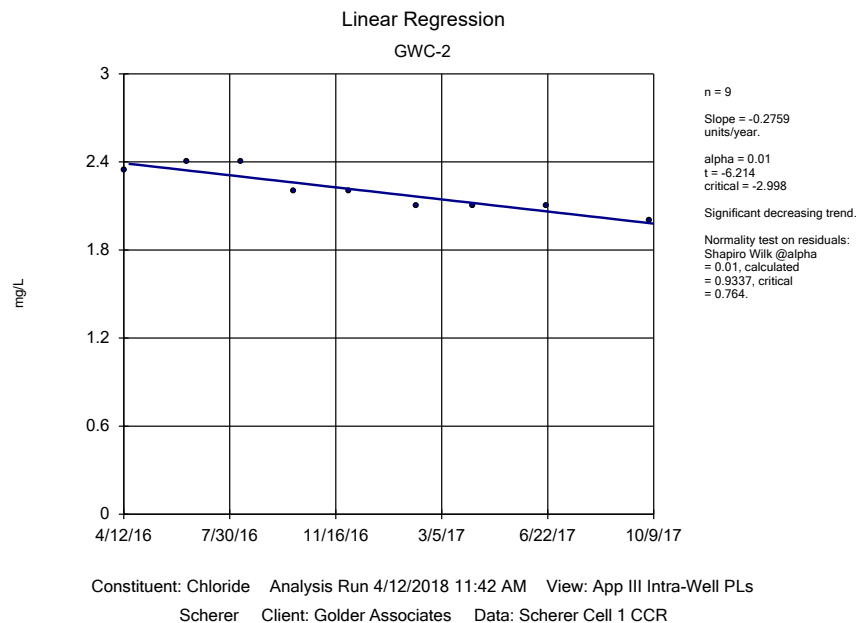


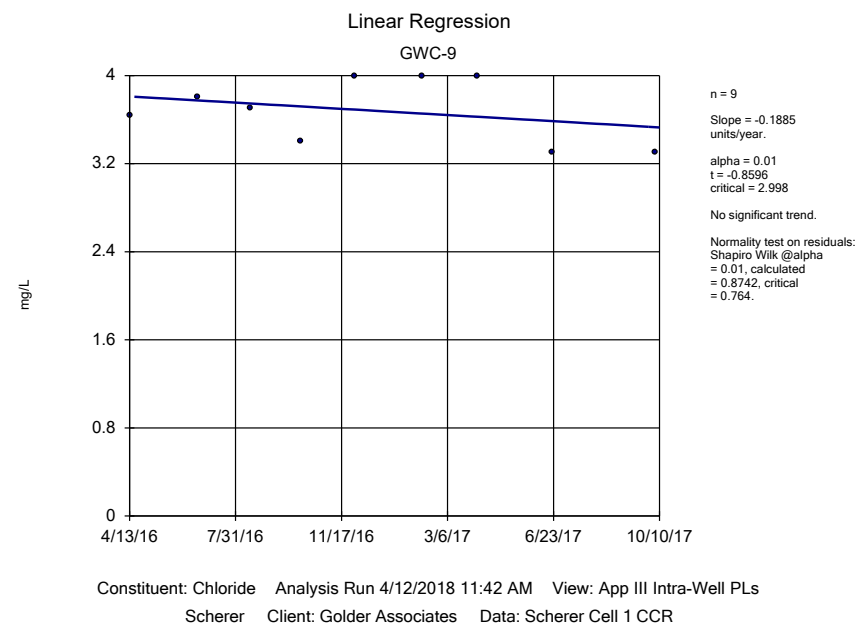
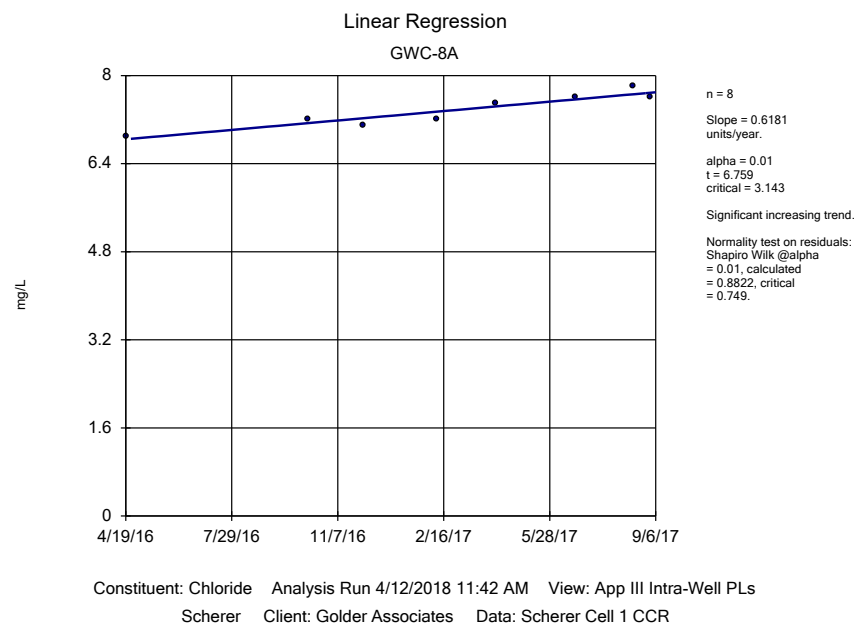
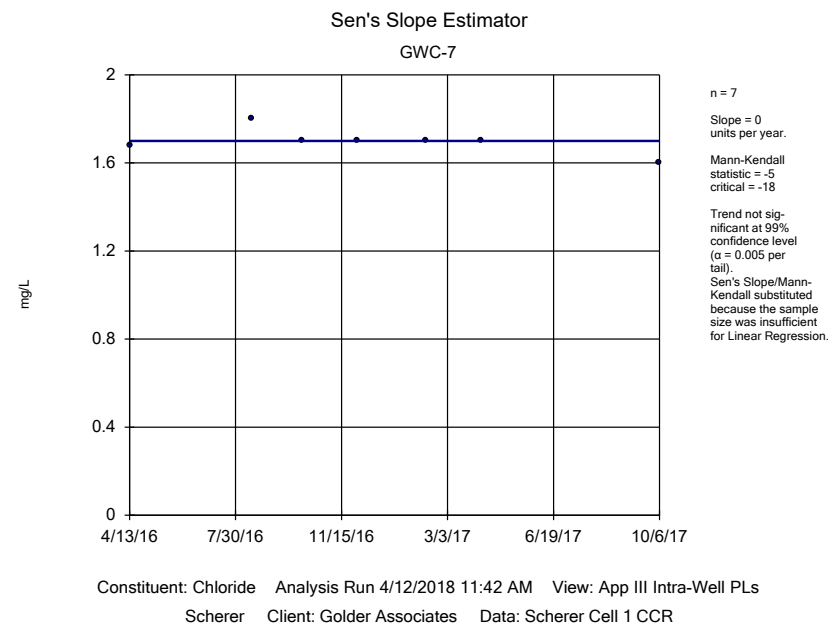
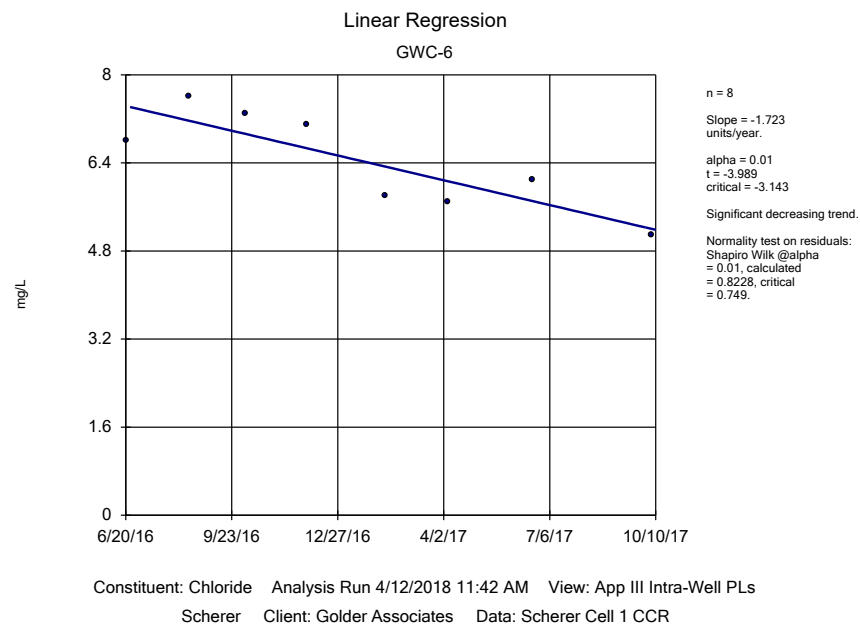


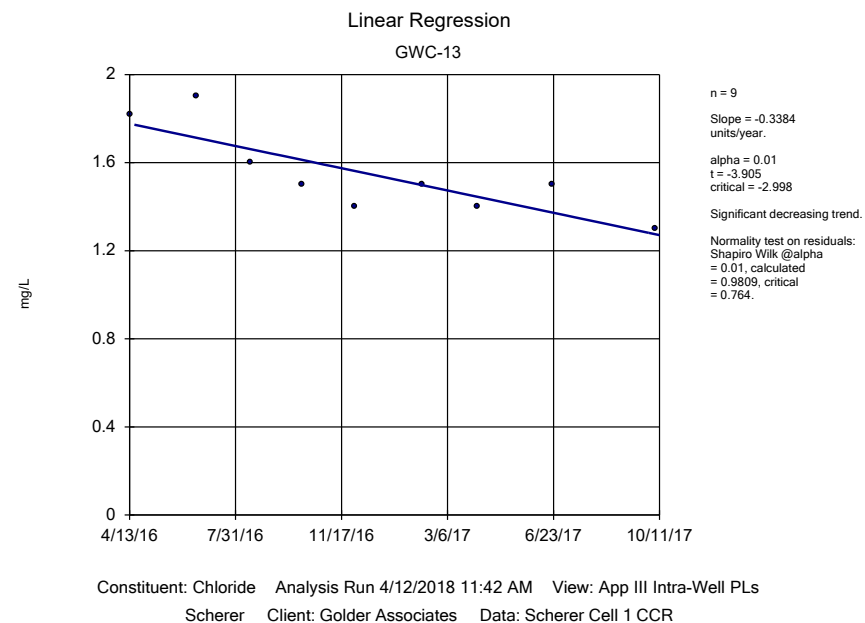
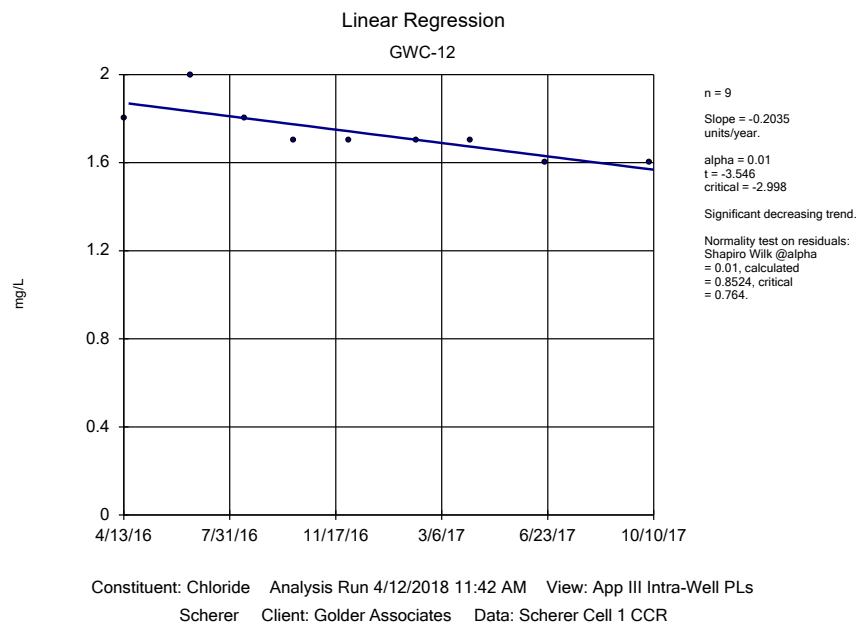
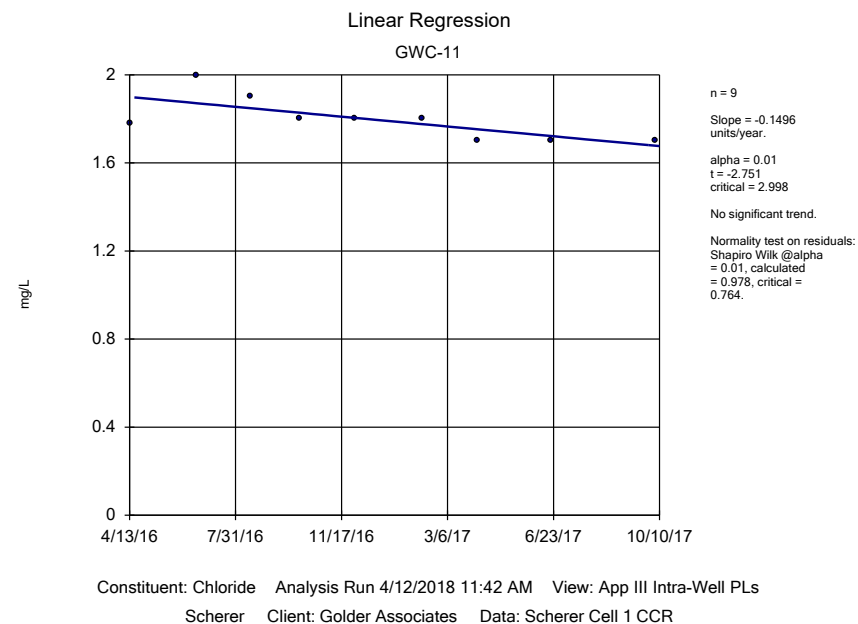
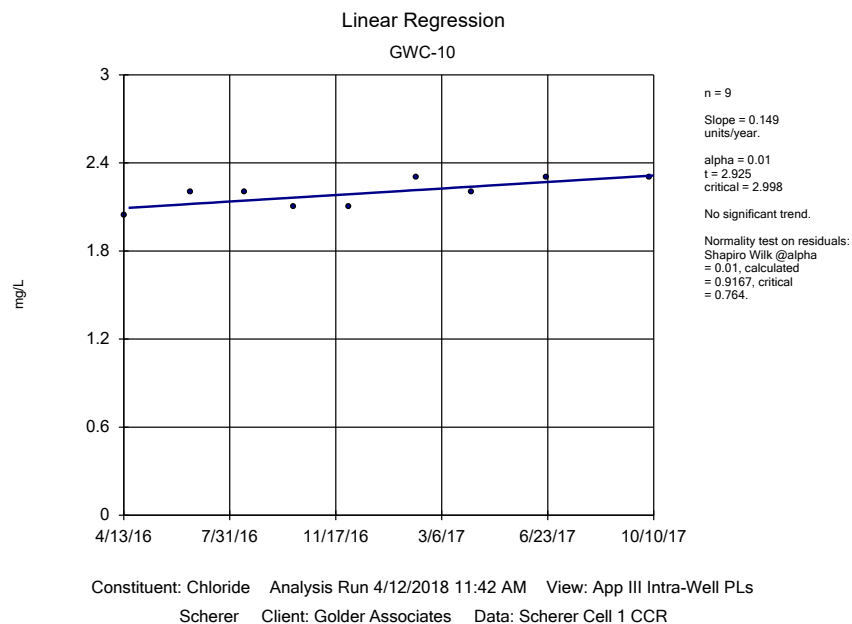


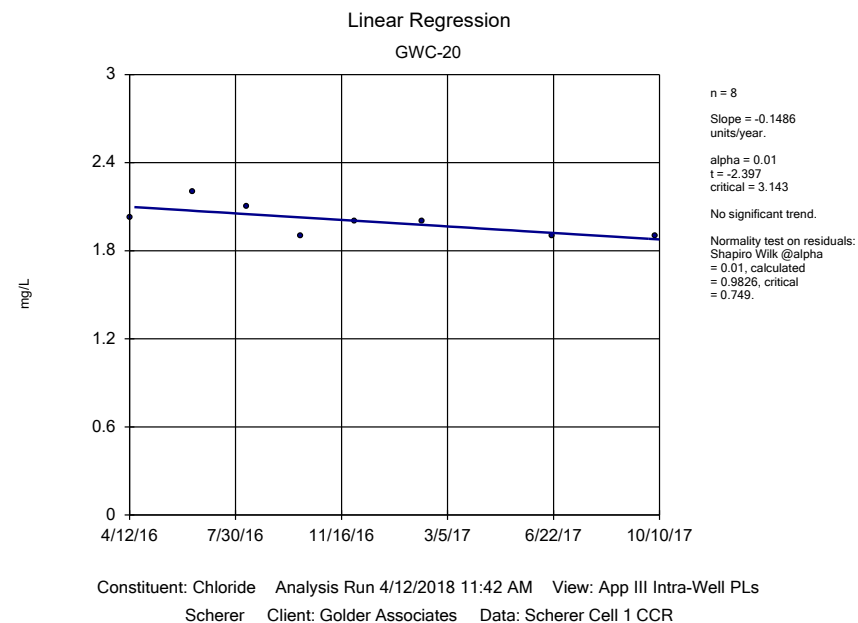
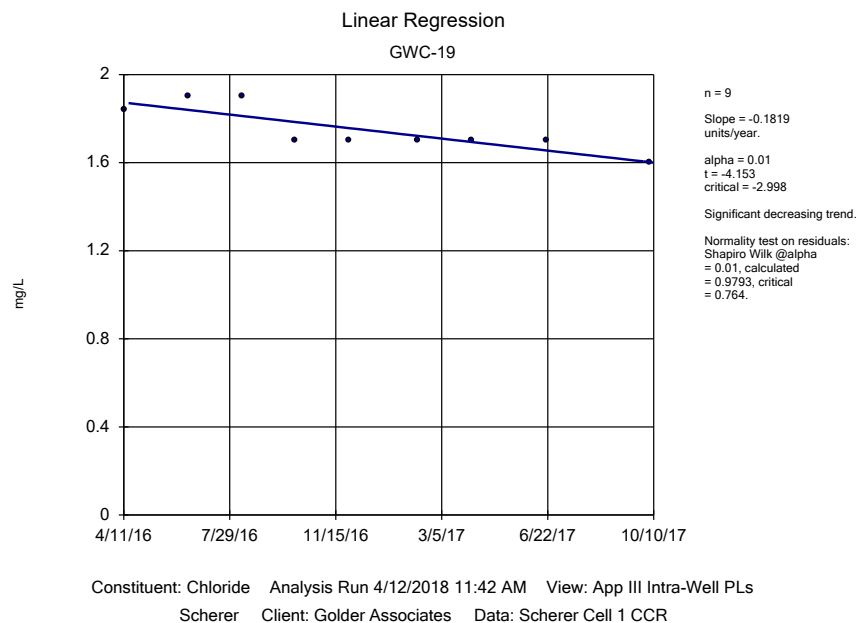
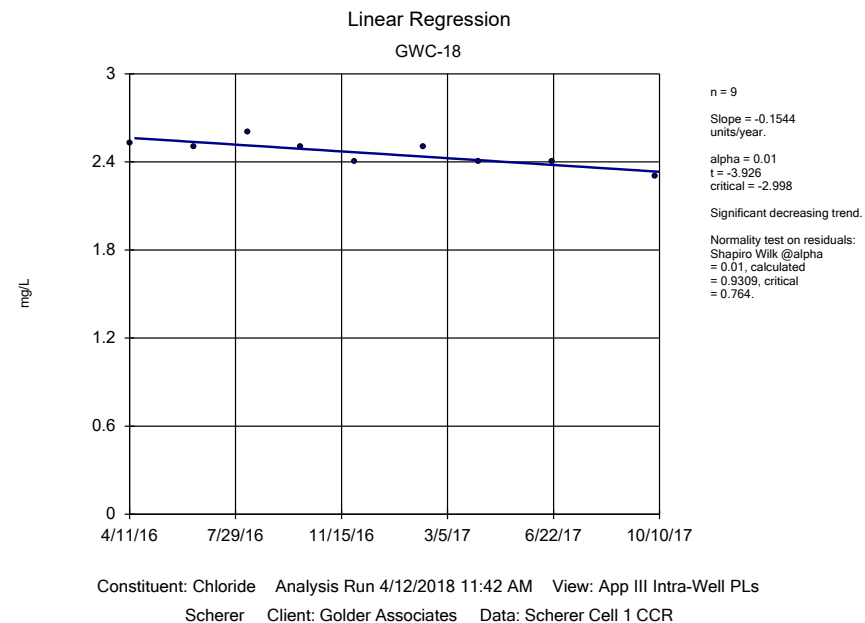
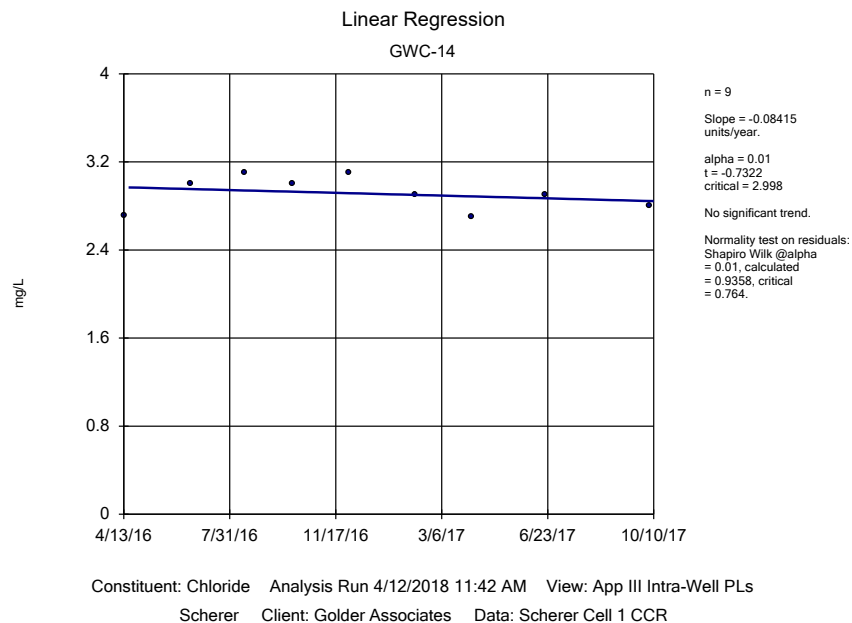


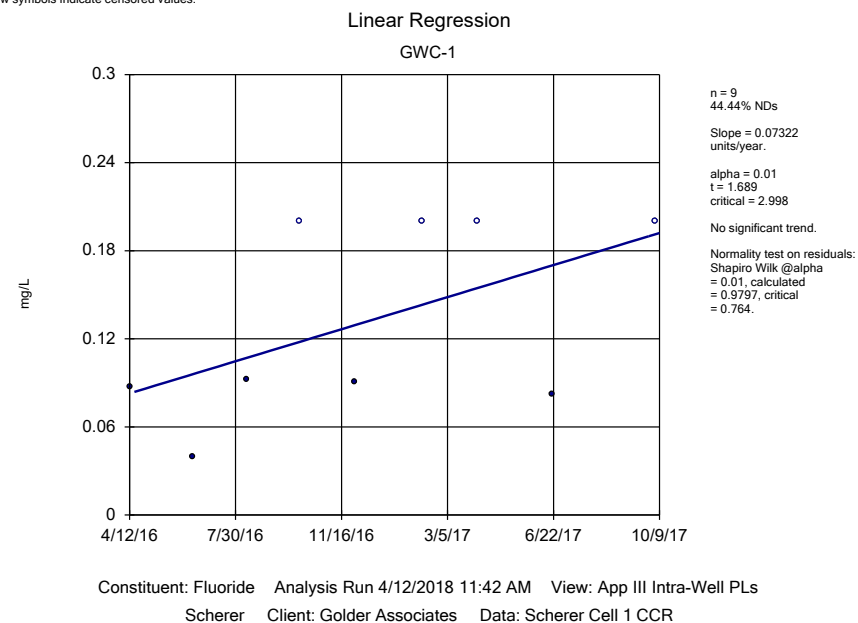
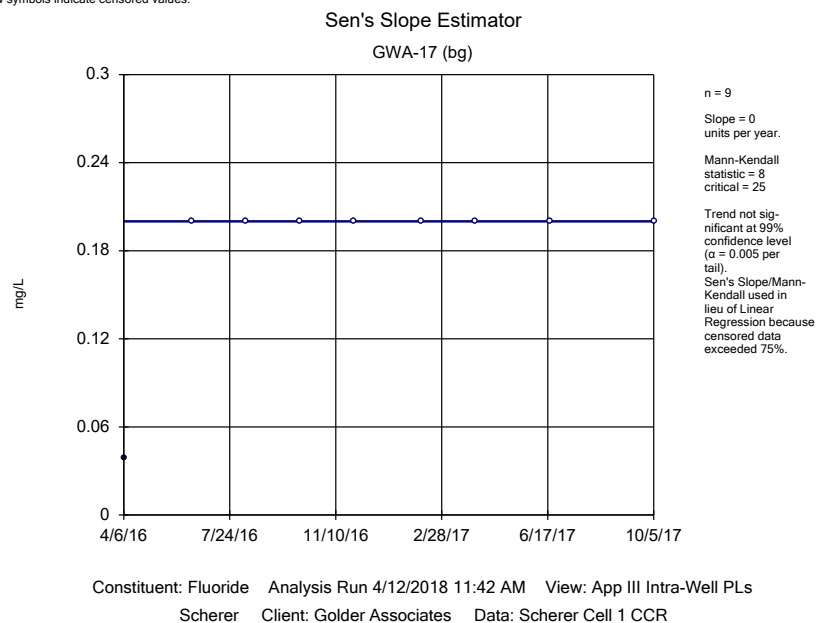
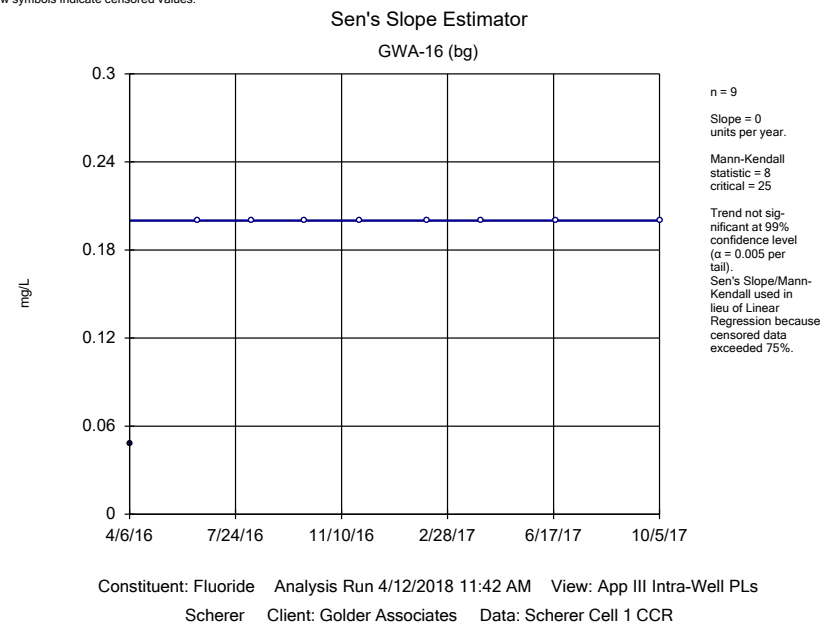
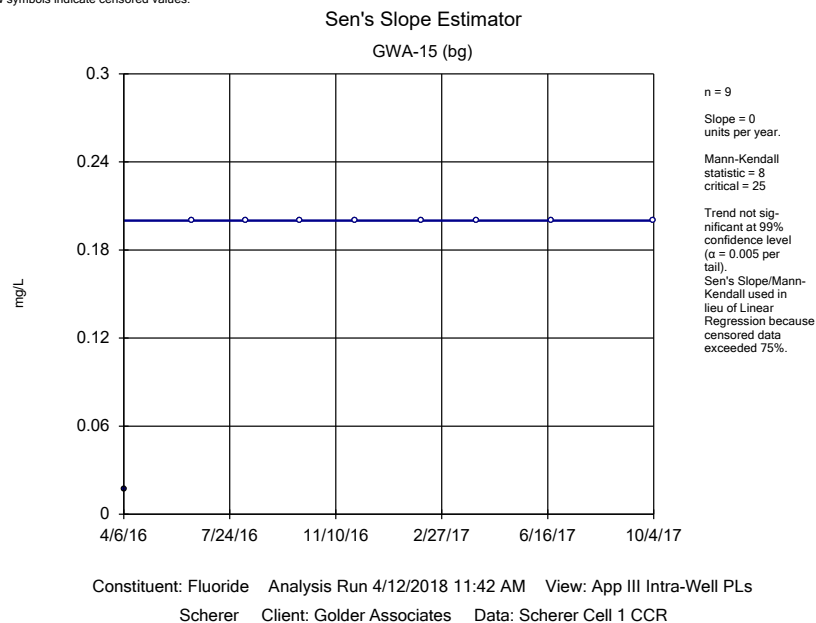


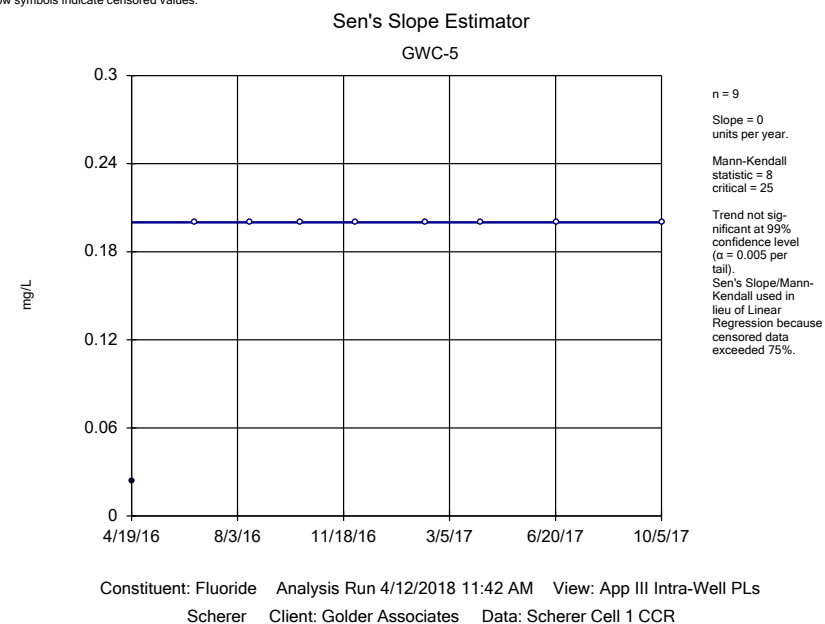
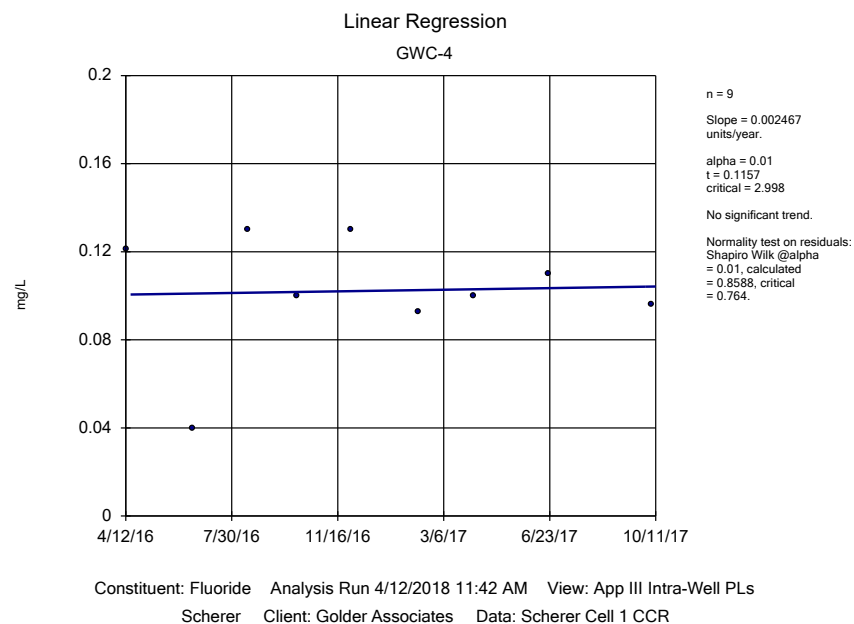
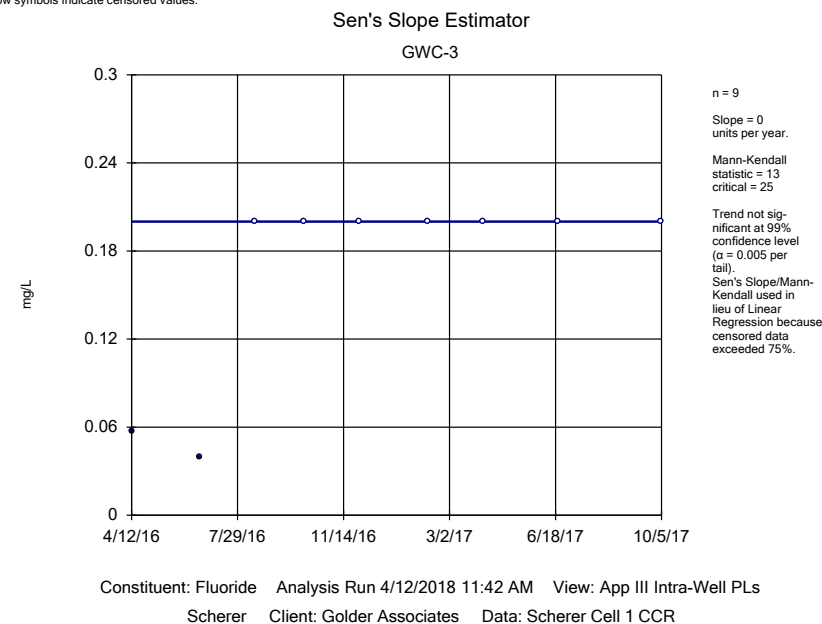
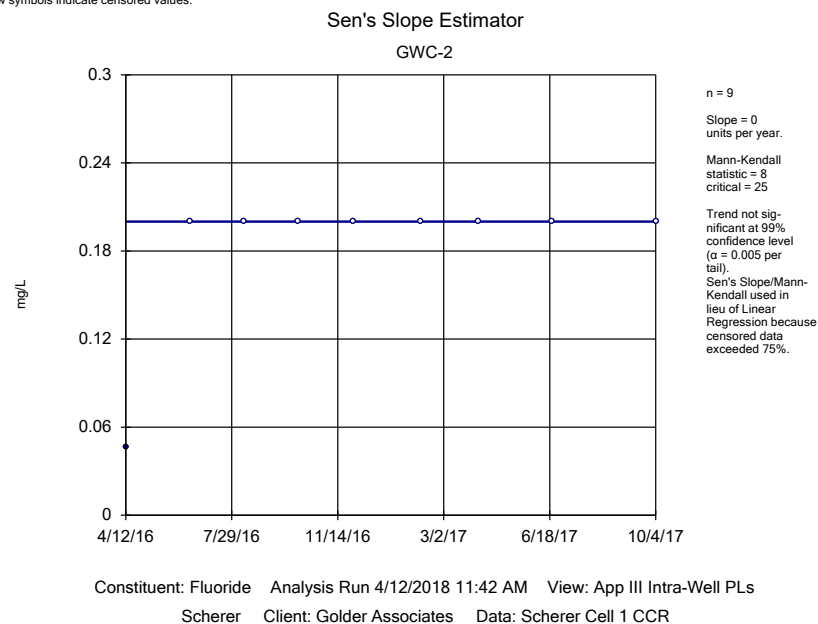


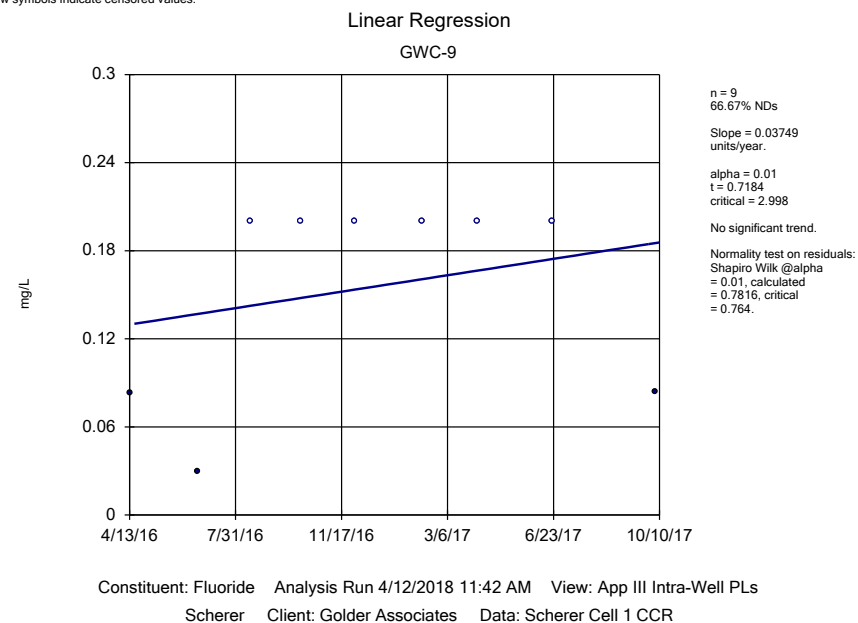
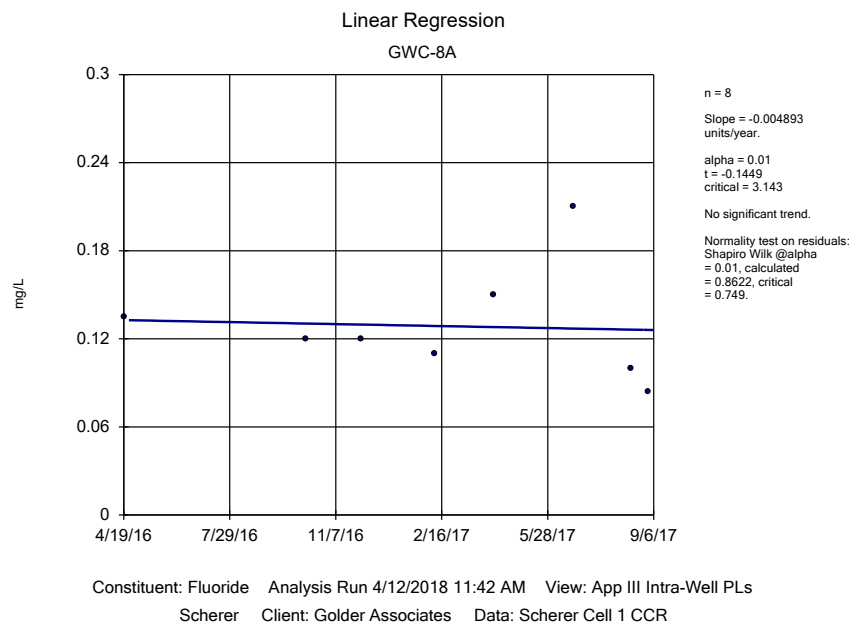
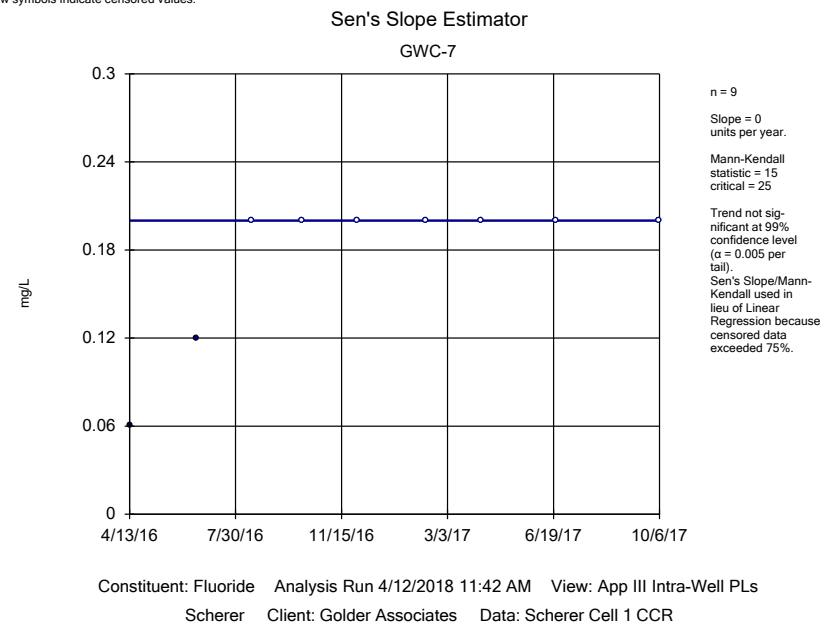
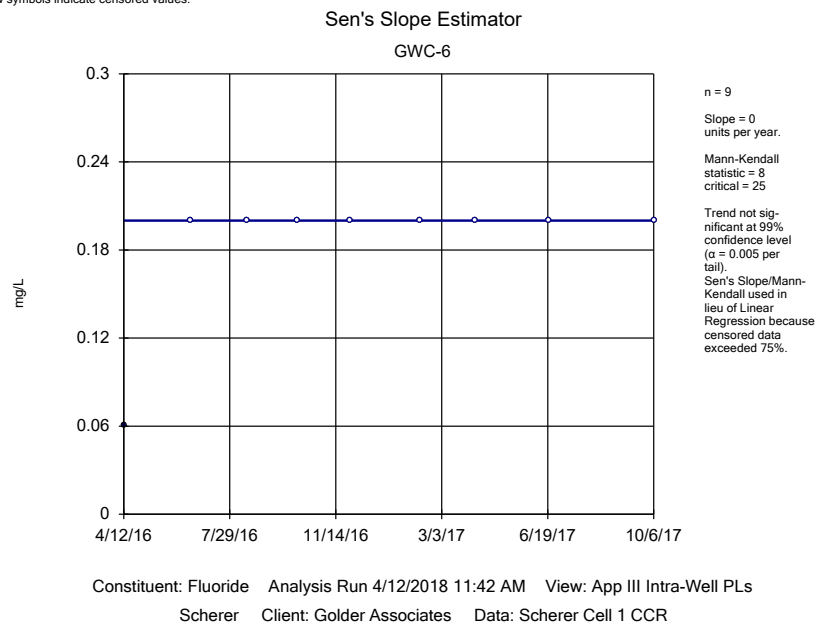


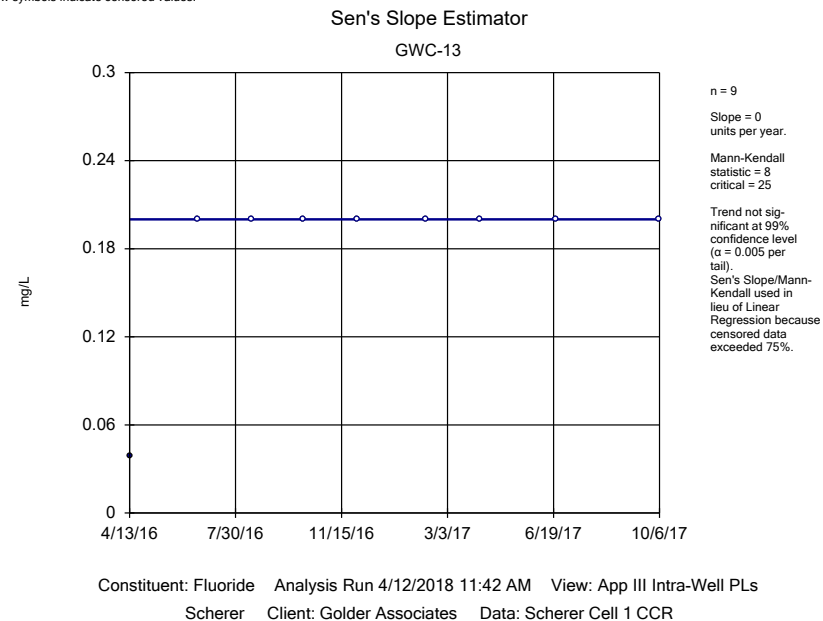
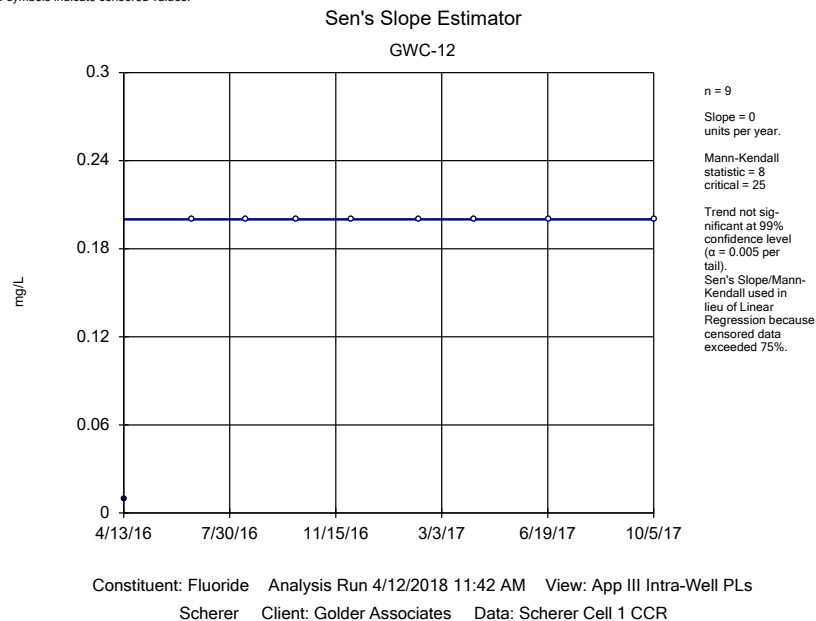
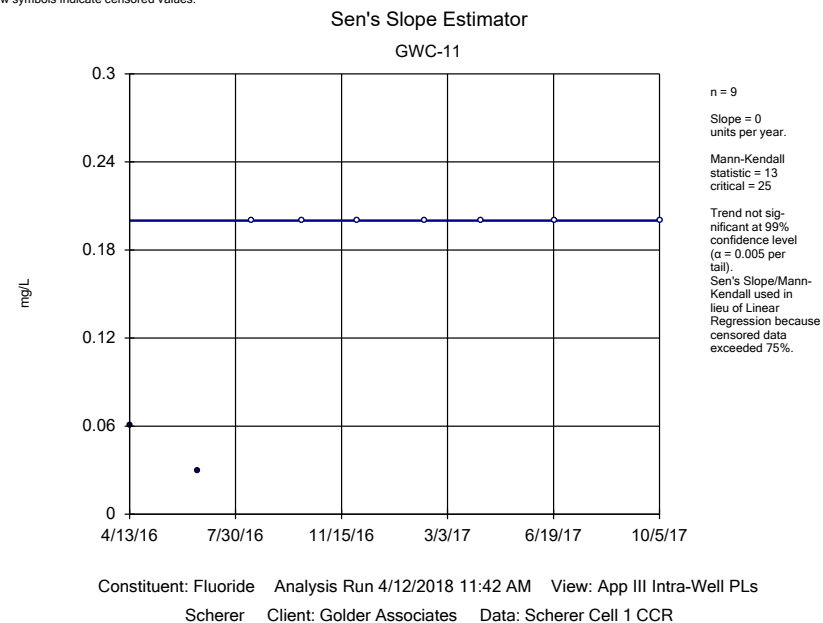
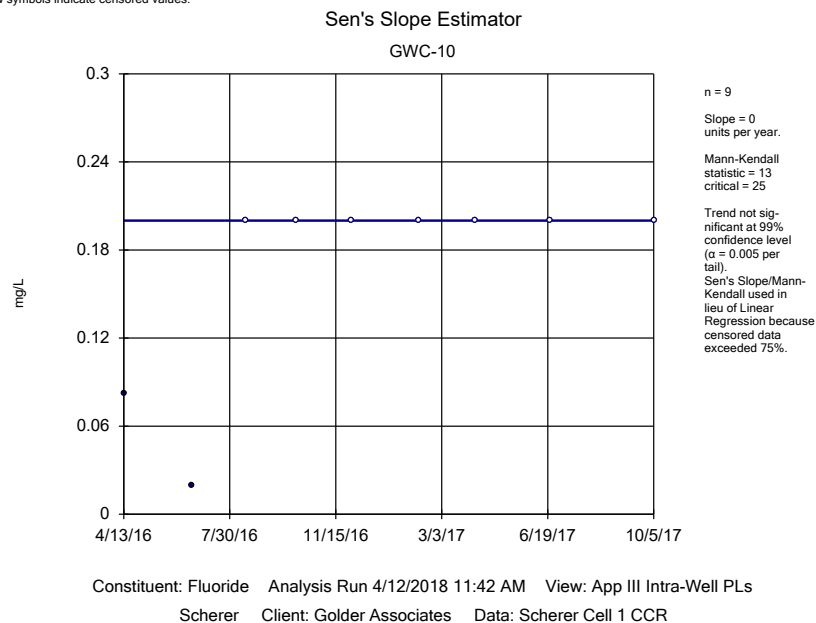


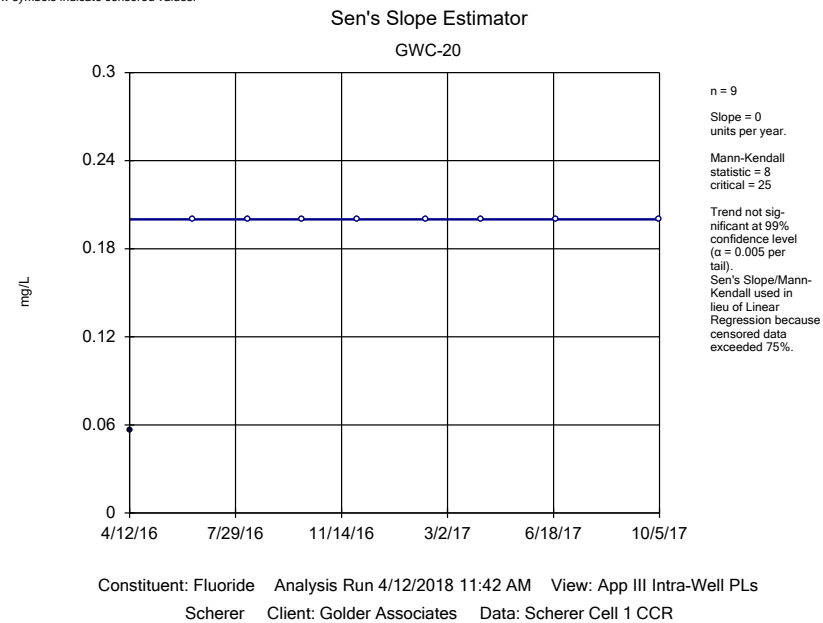
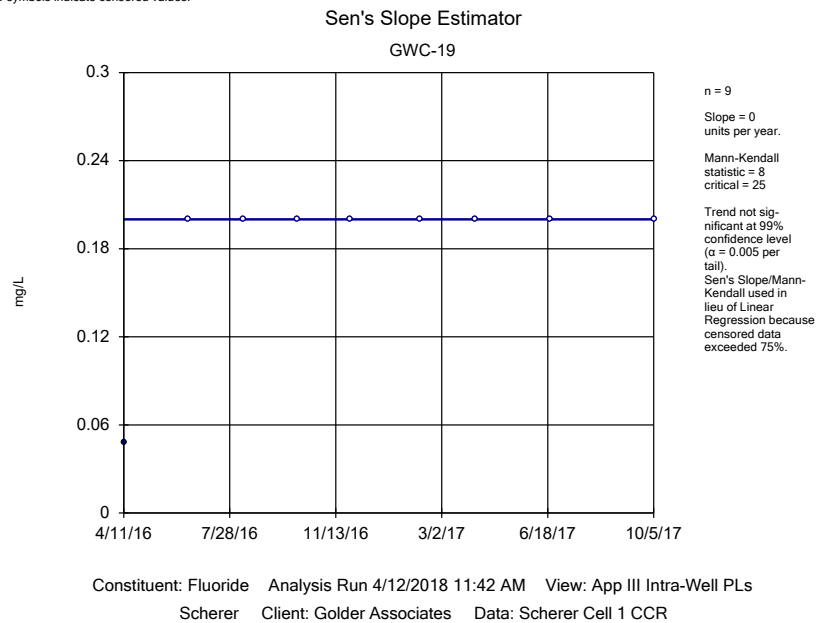
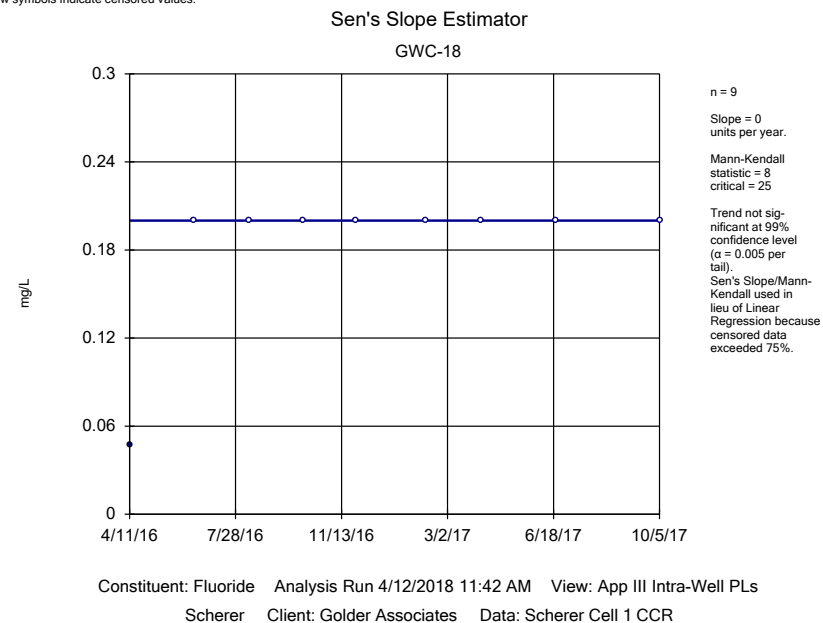
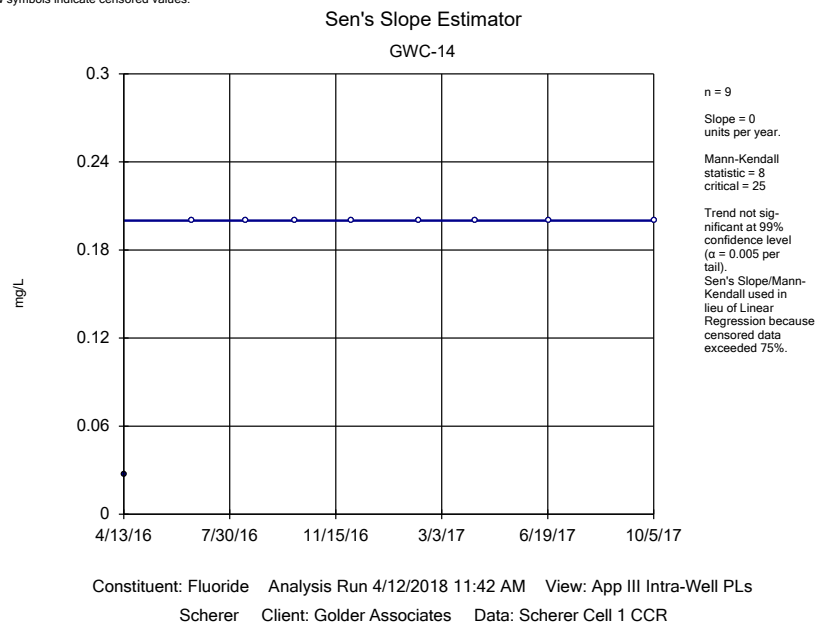


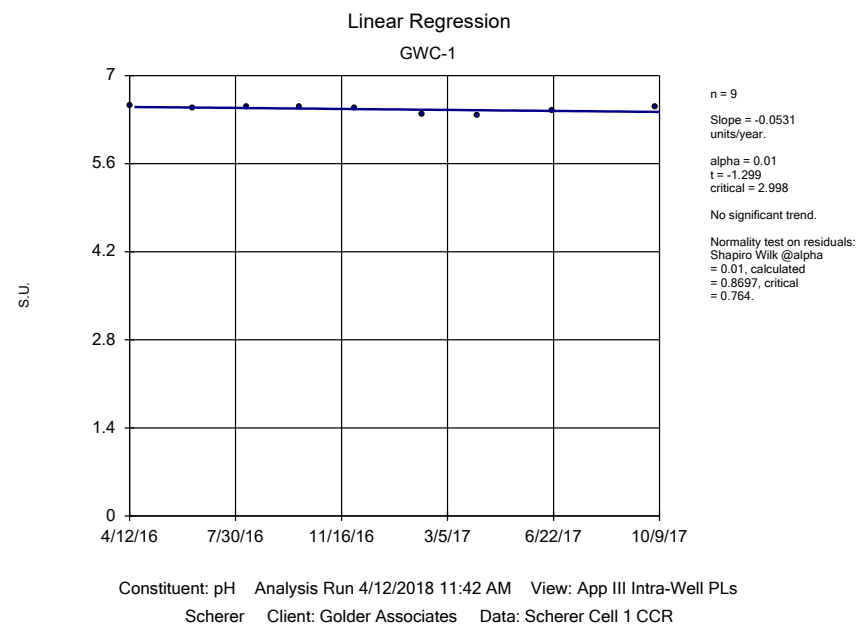
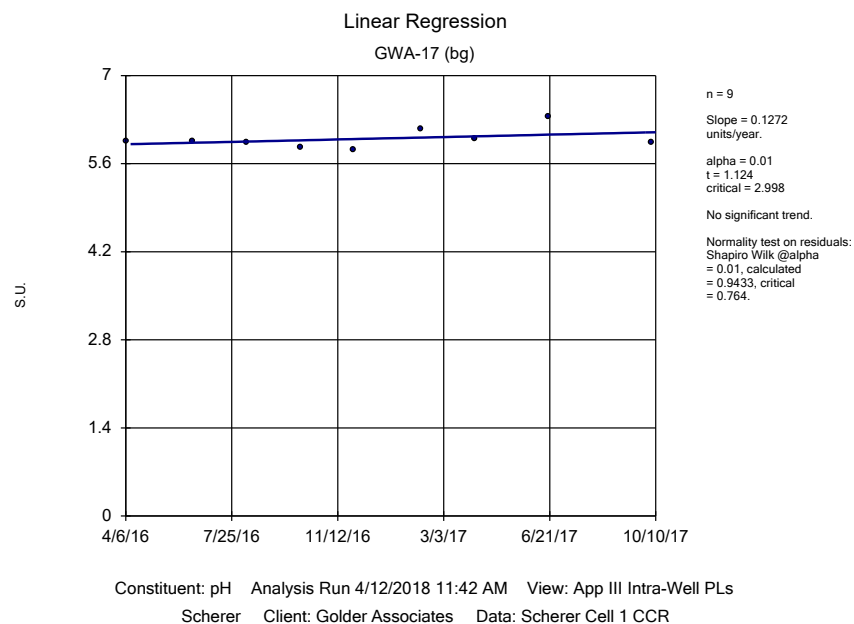
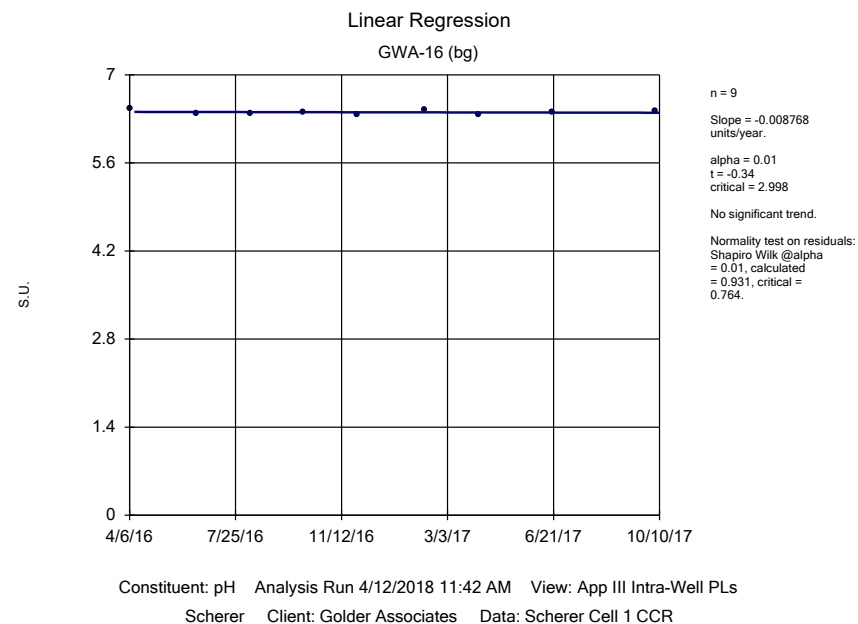
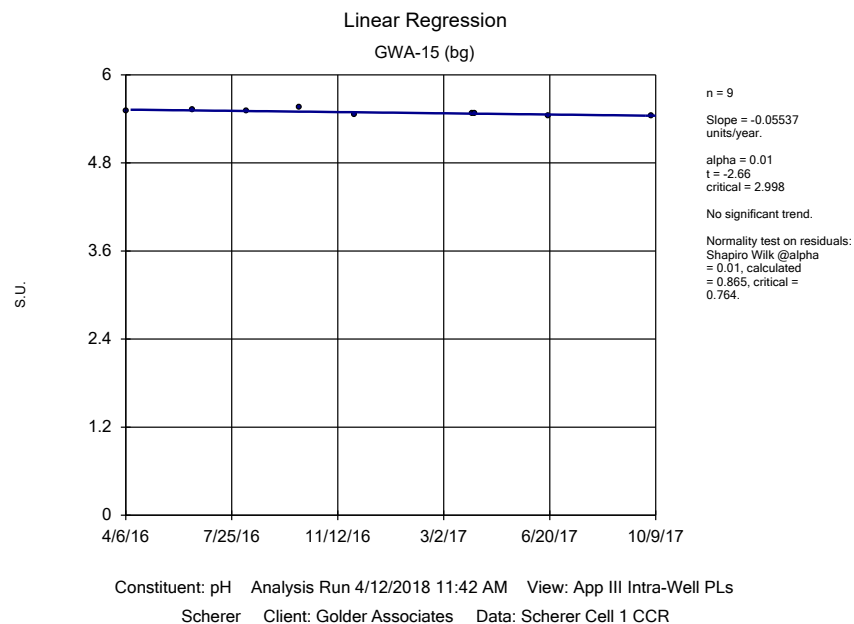


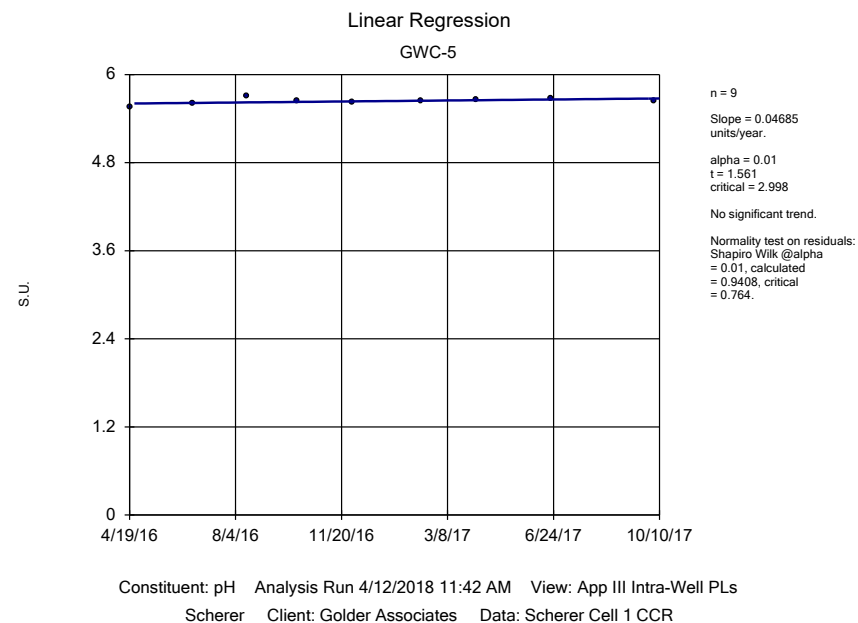
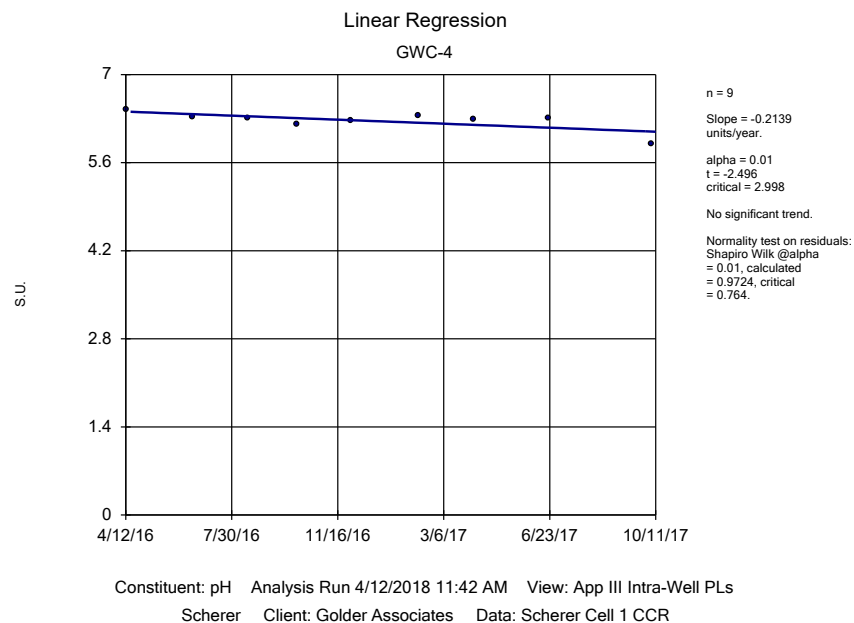
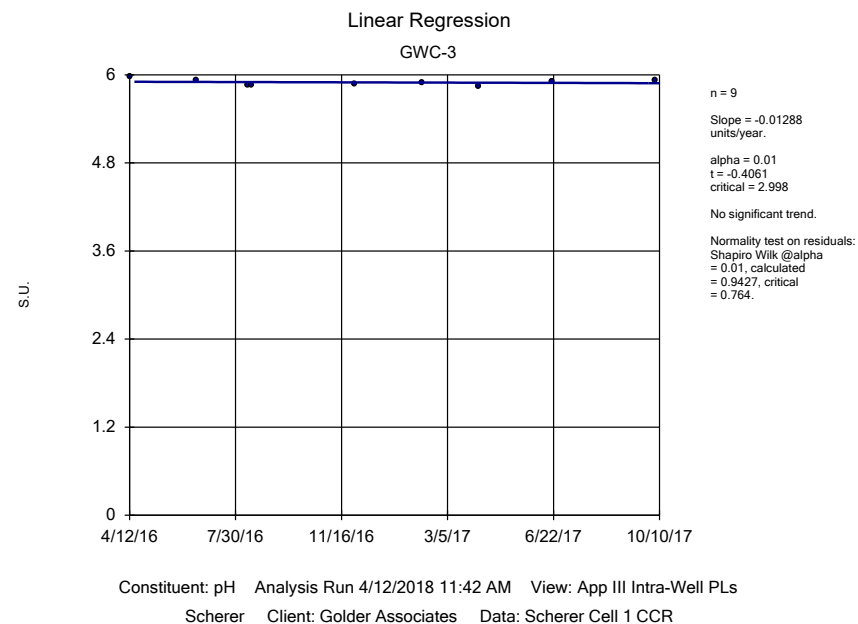
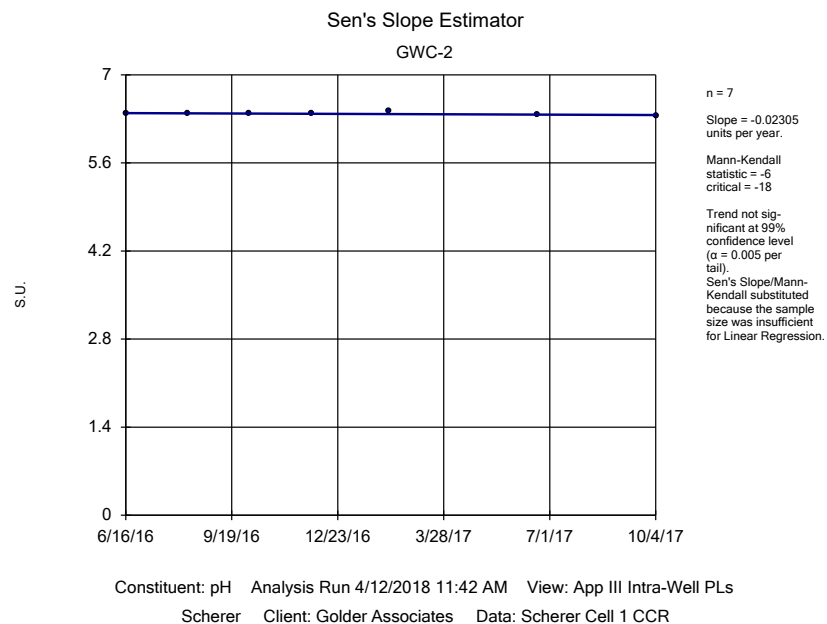


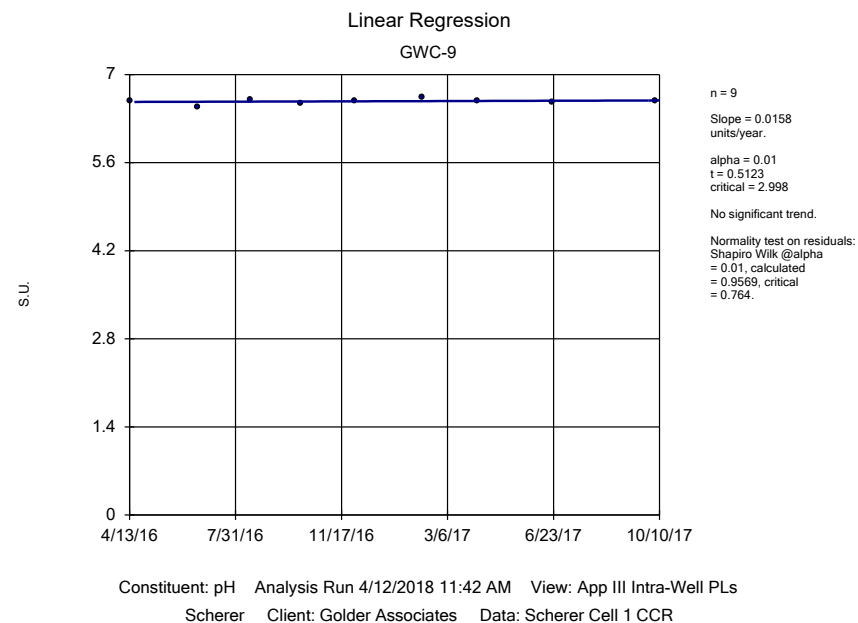
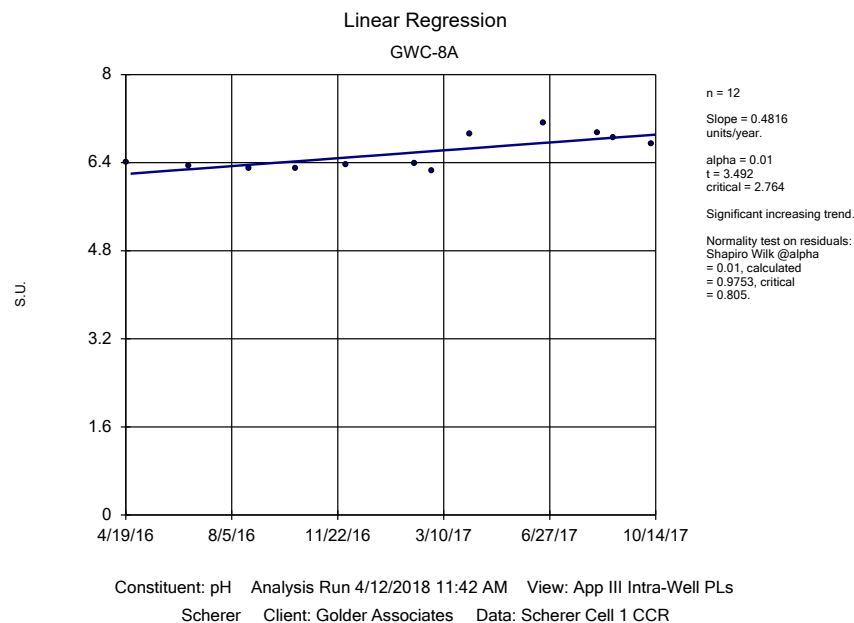
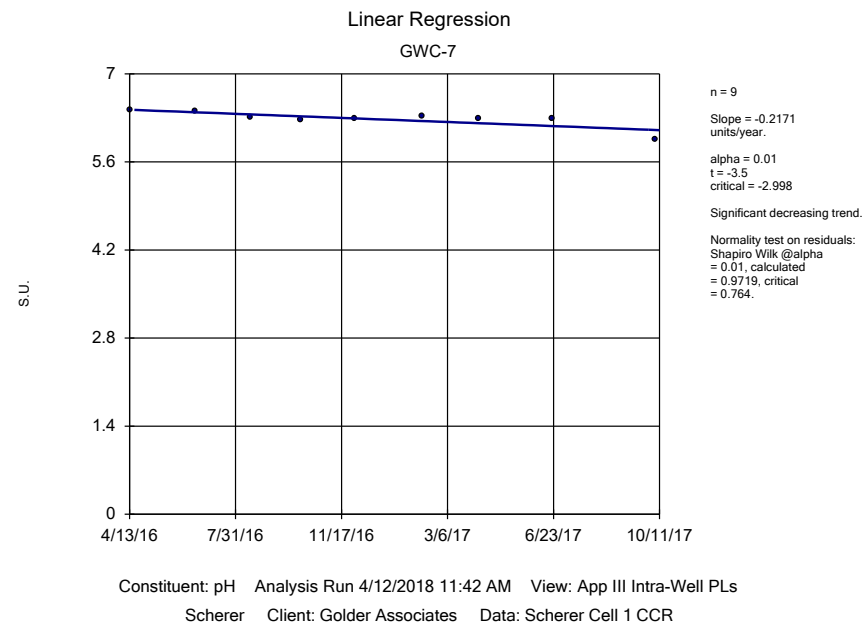
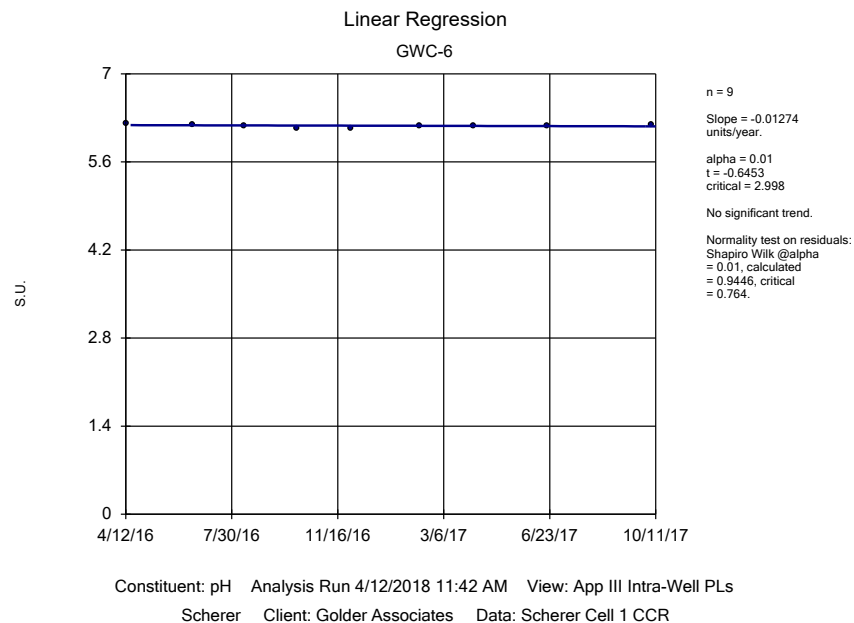


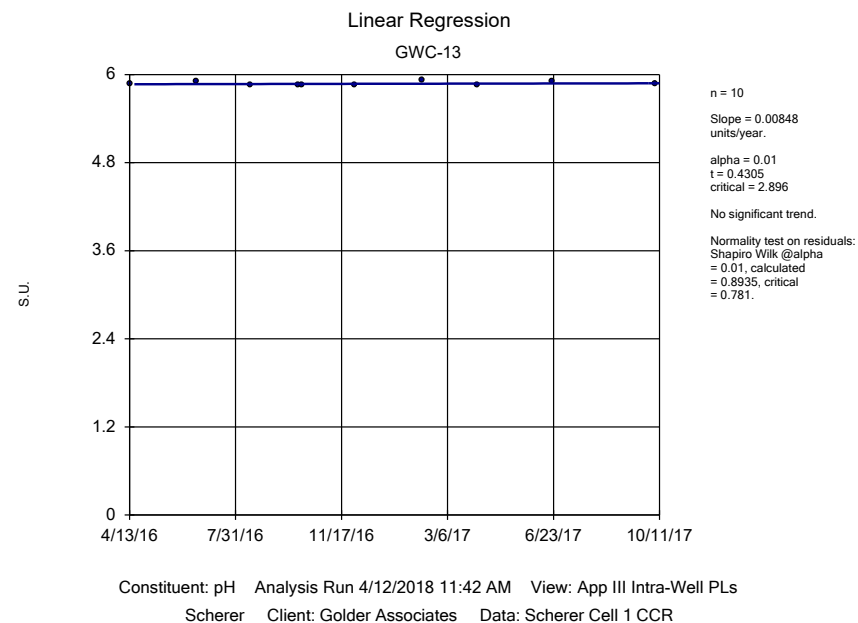
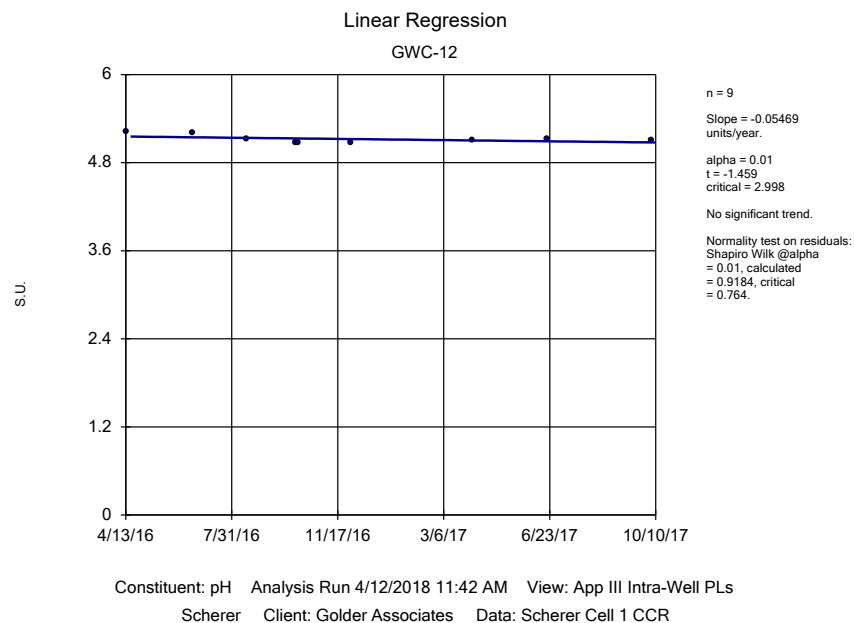
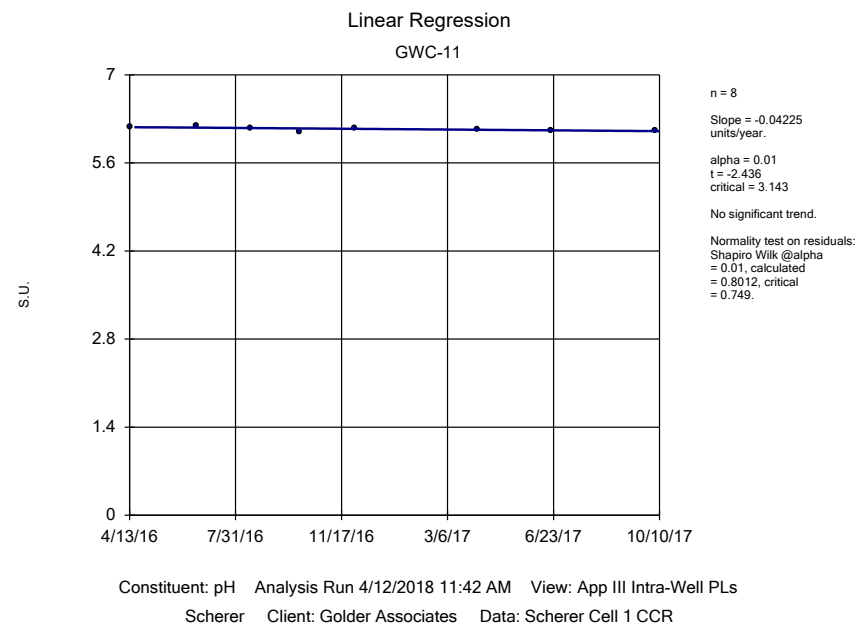
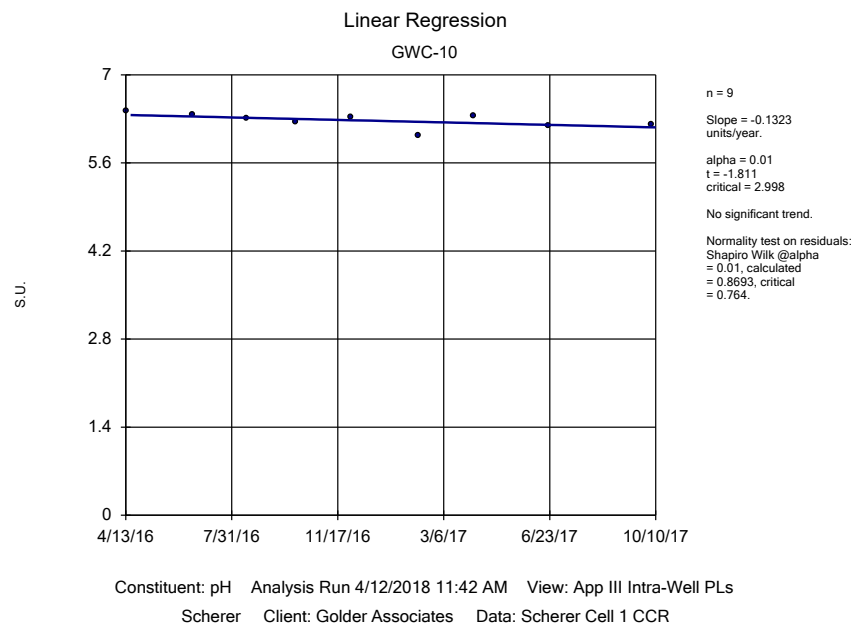


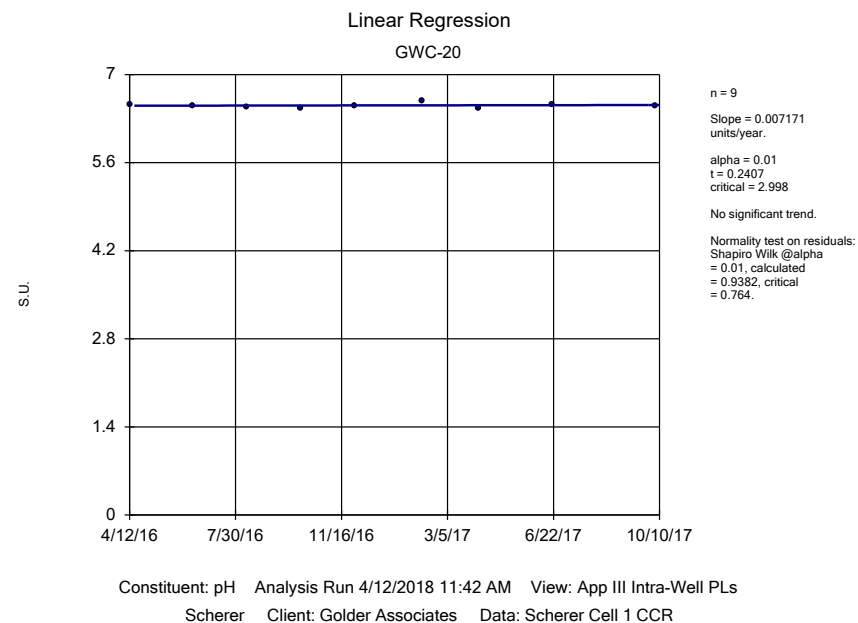
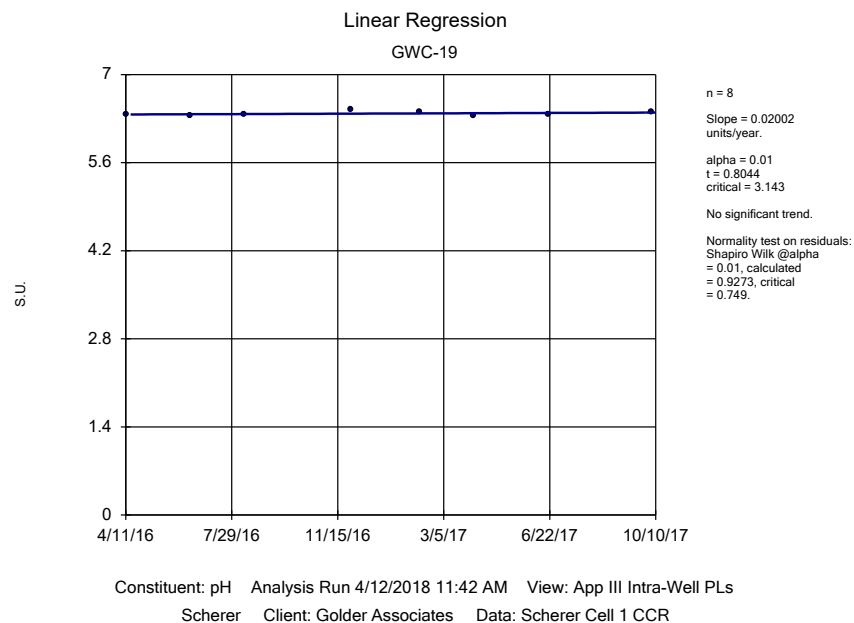
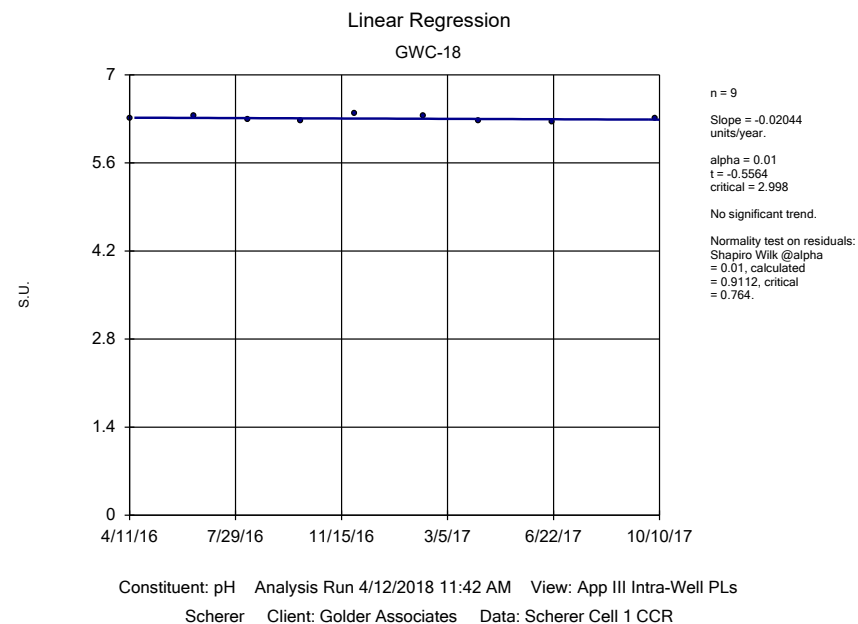
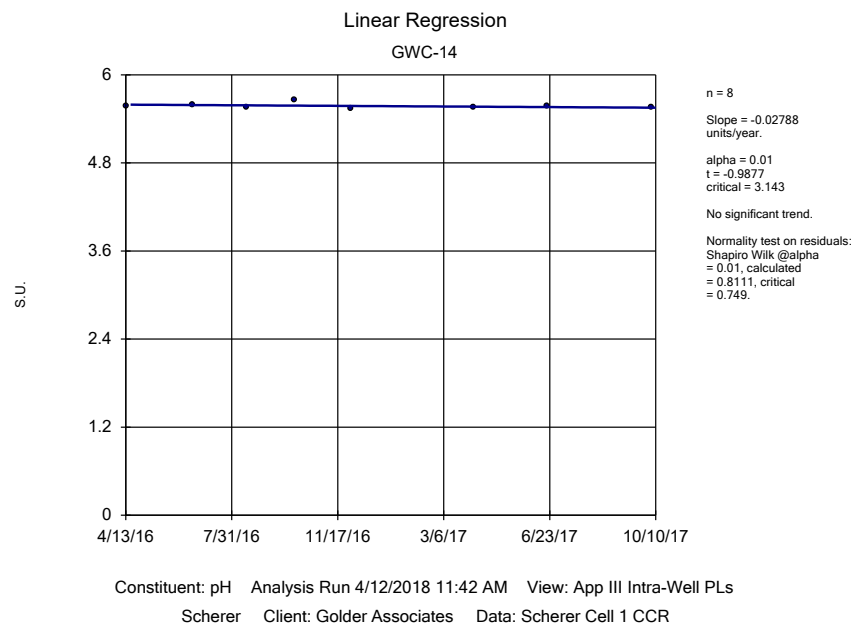


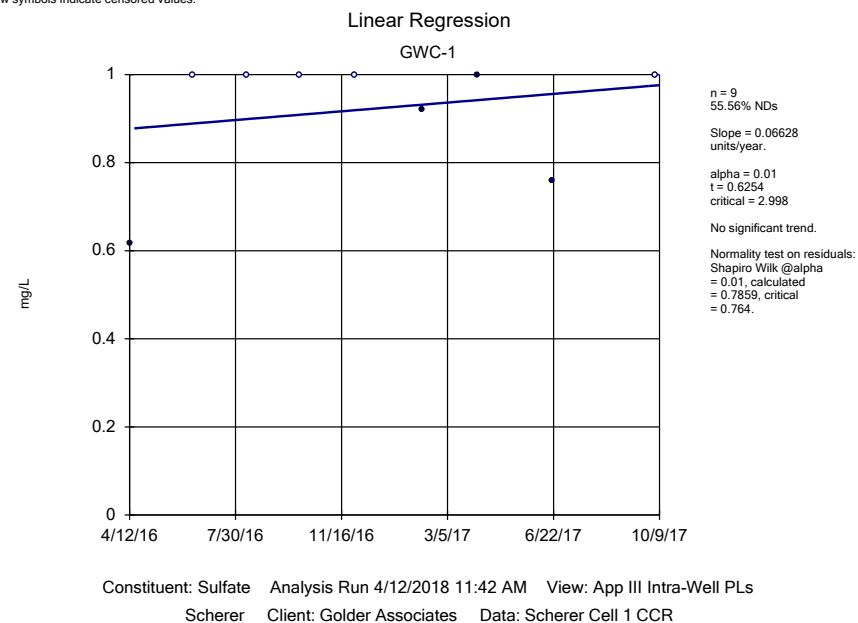
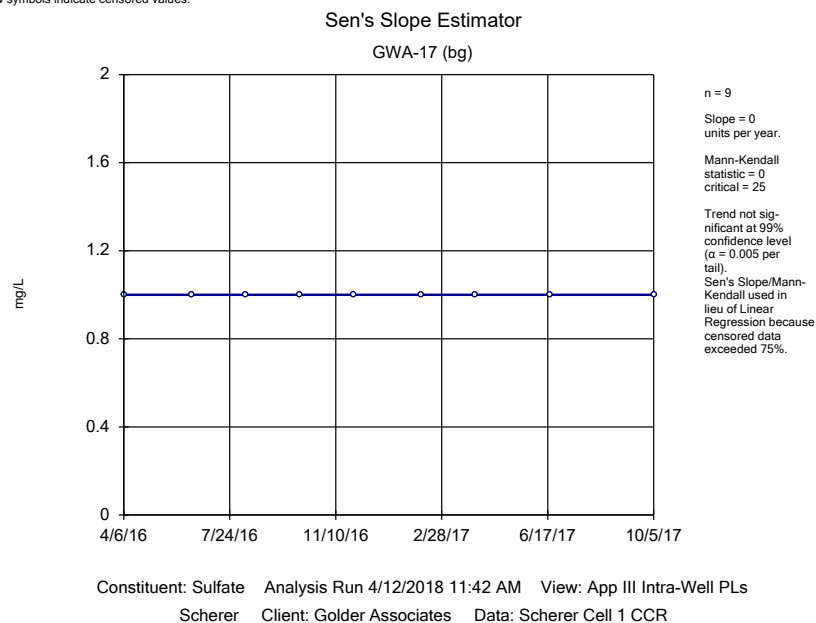
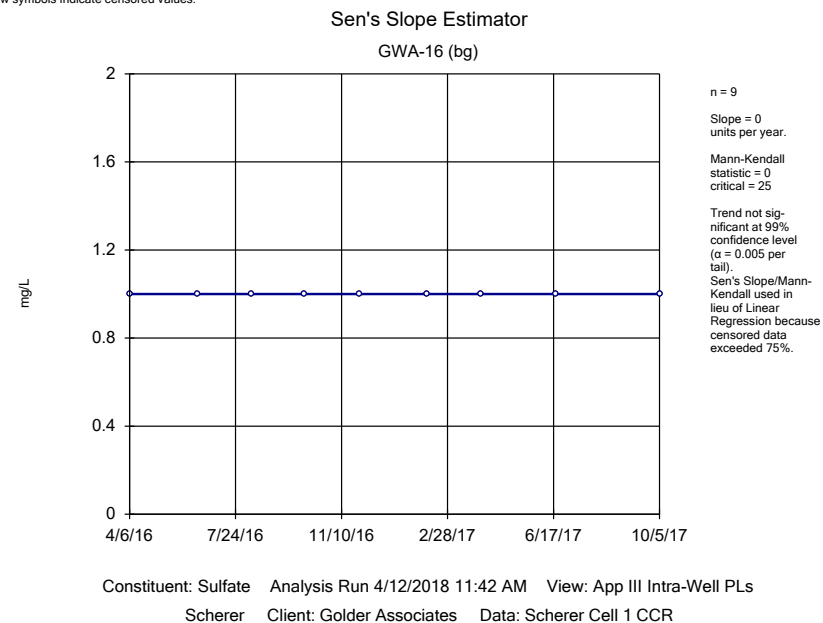
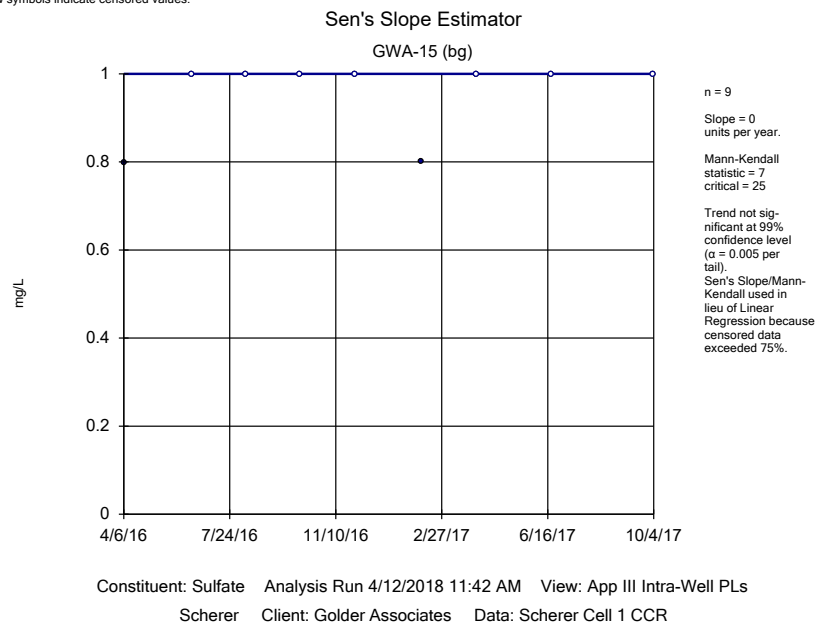


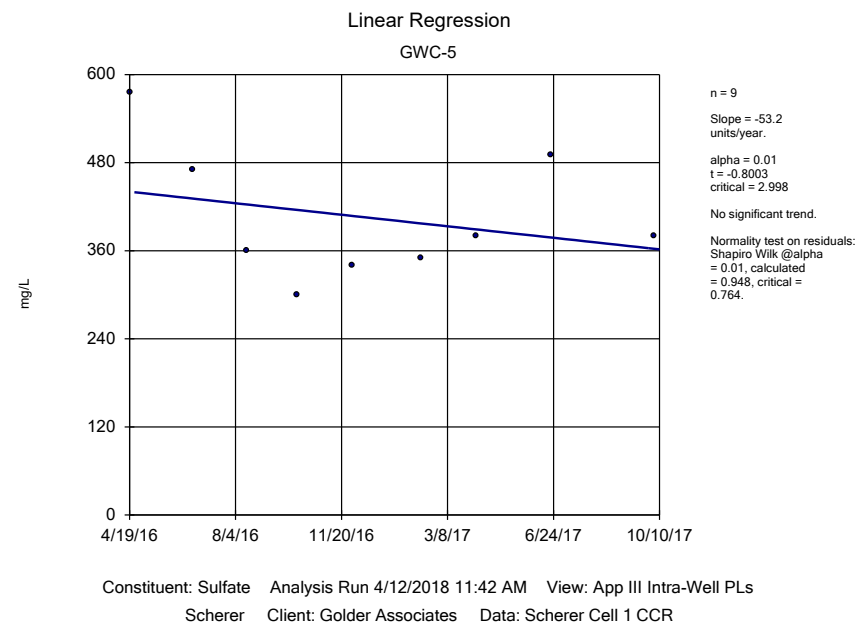
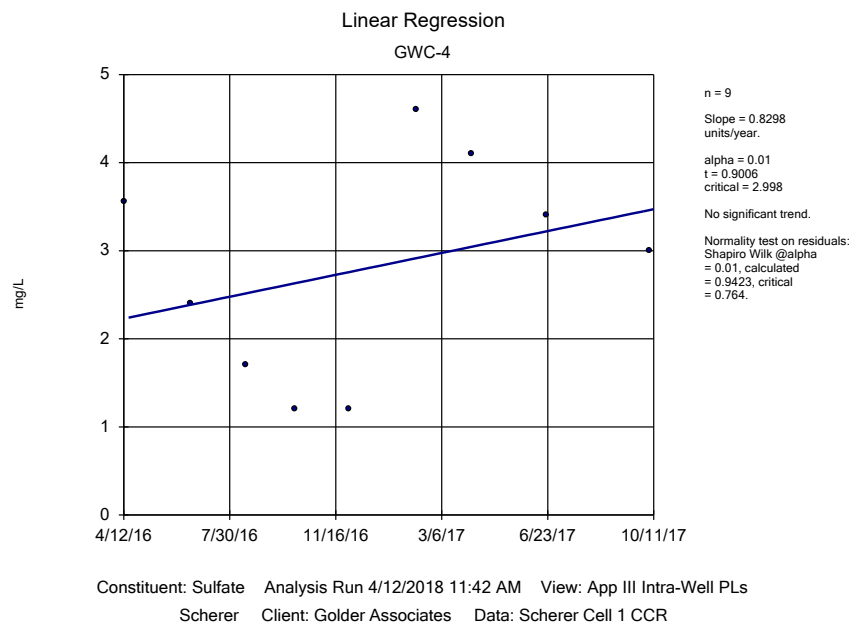
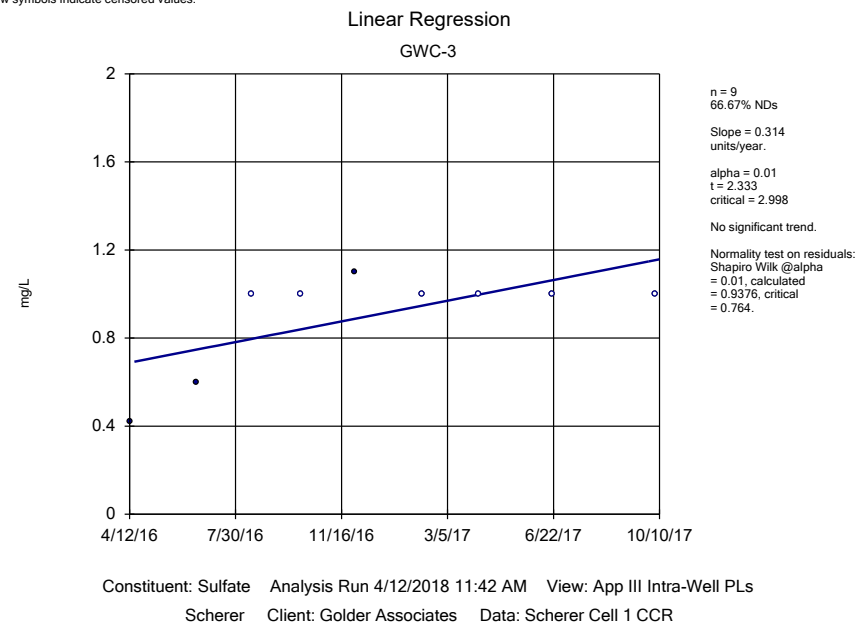
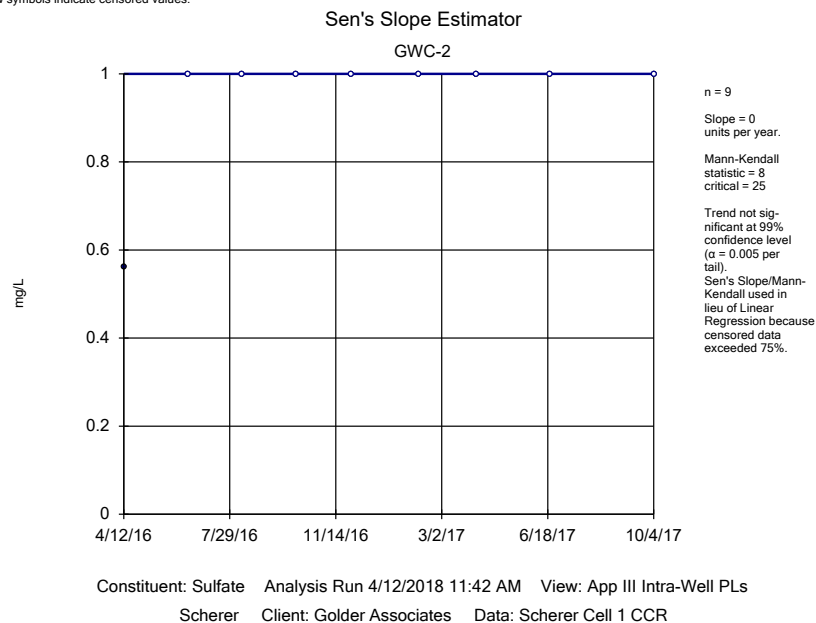






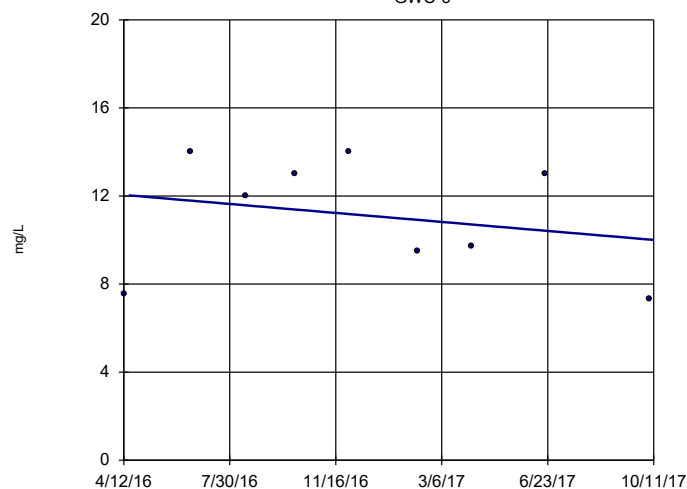






Linear Regression

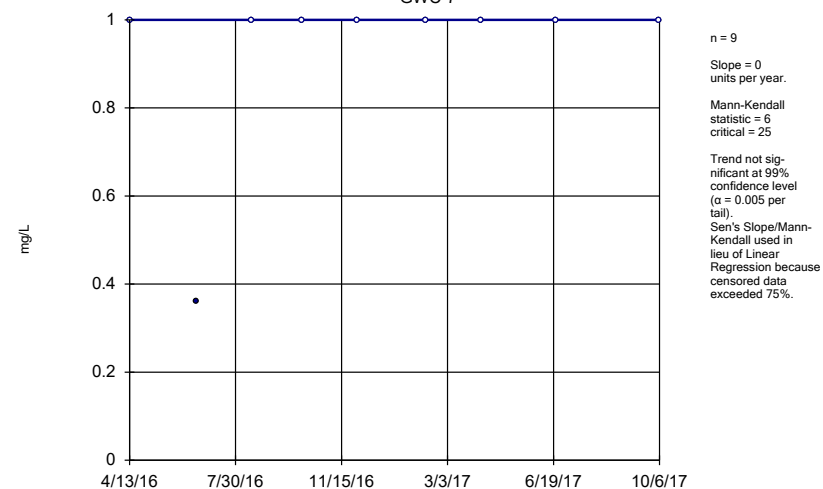
GWC-6



Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

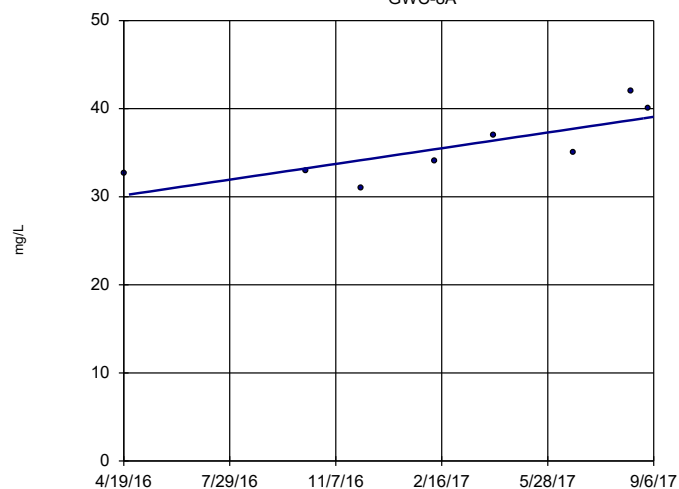
GWC-7



Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

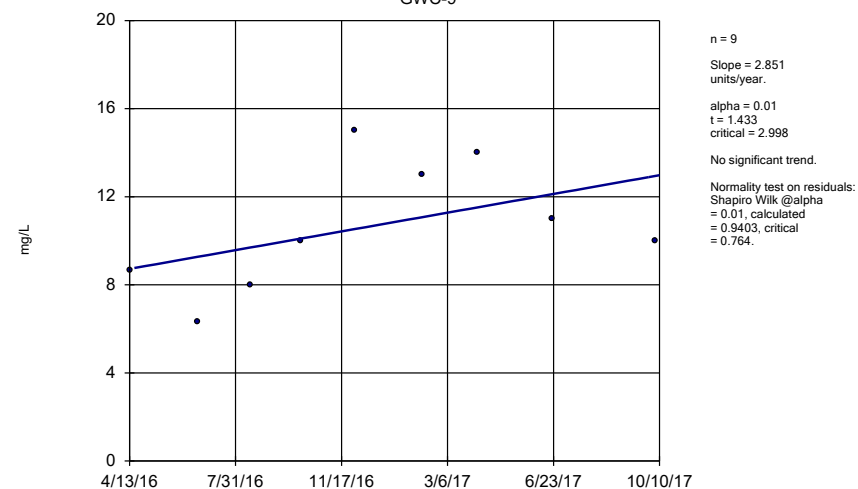
GWC-8A



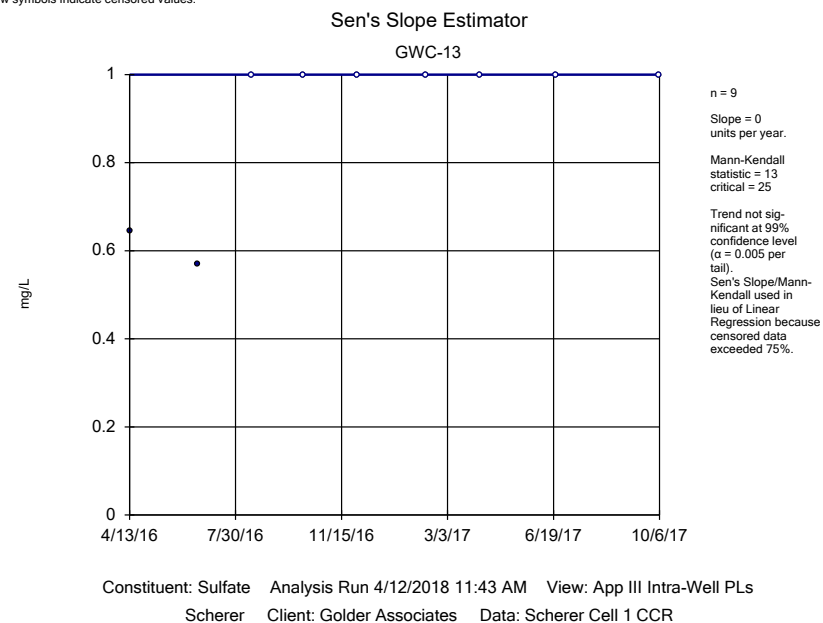
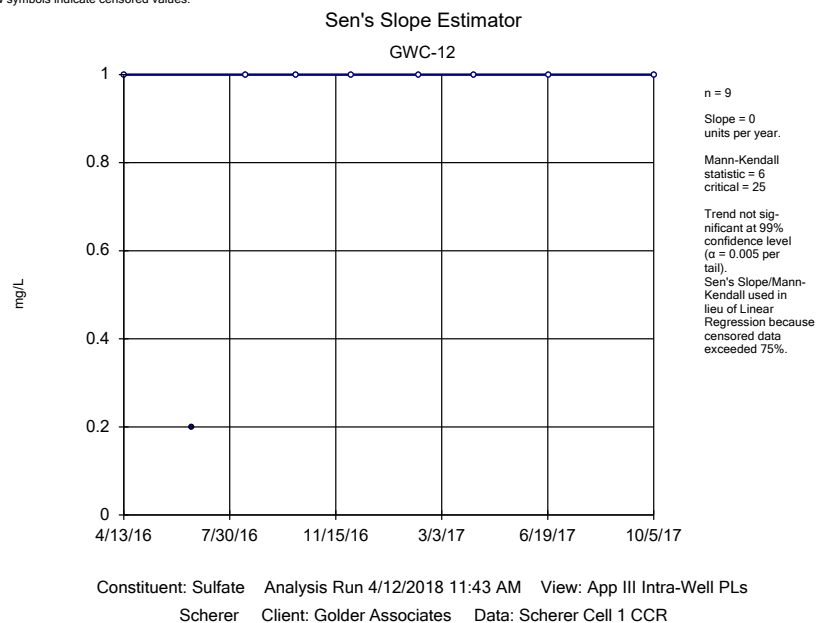
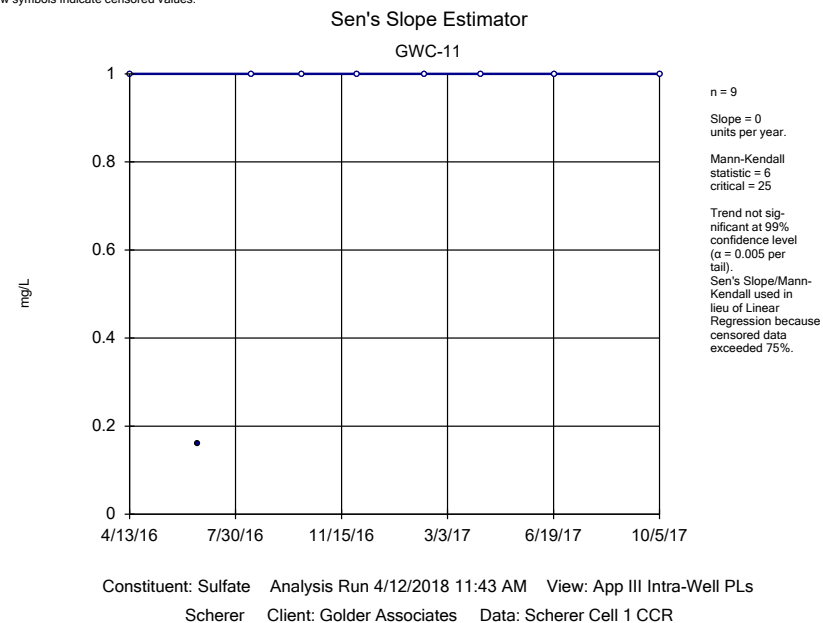
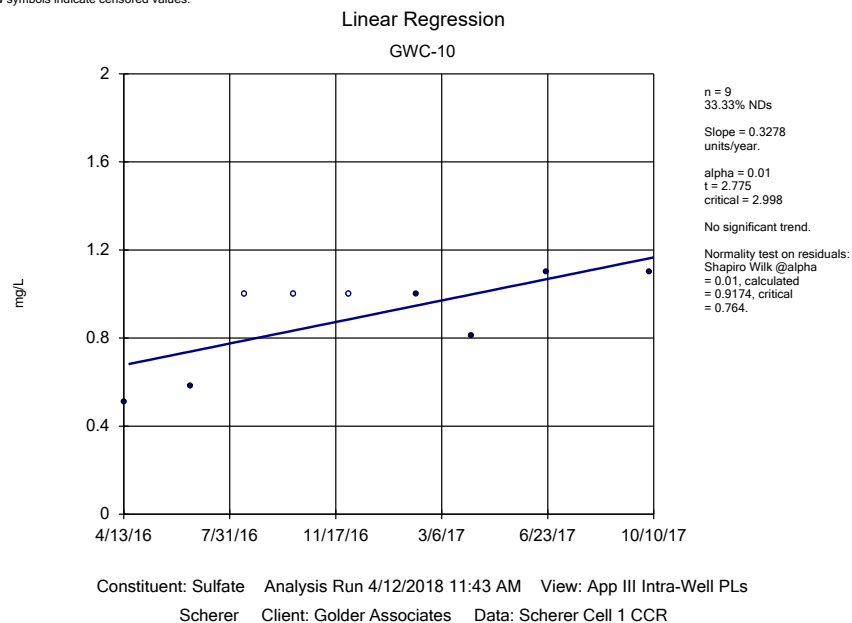
Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

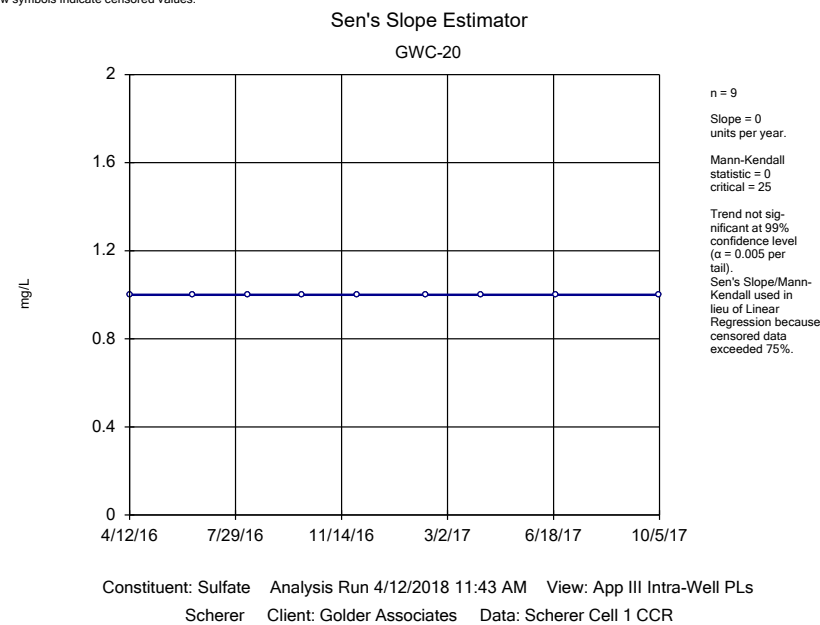
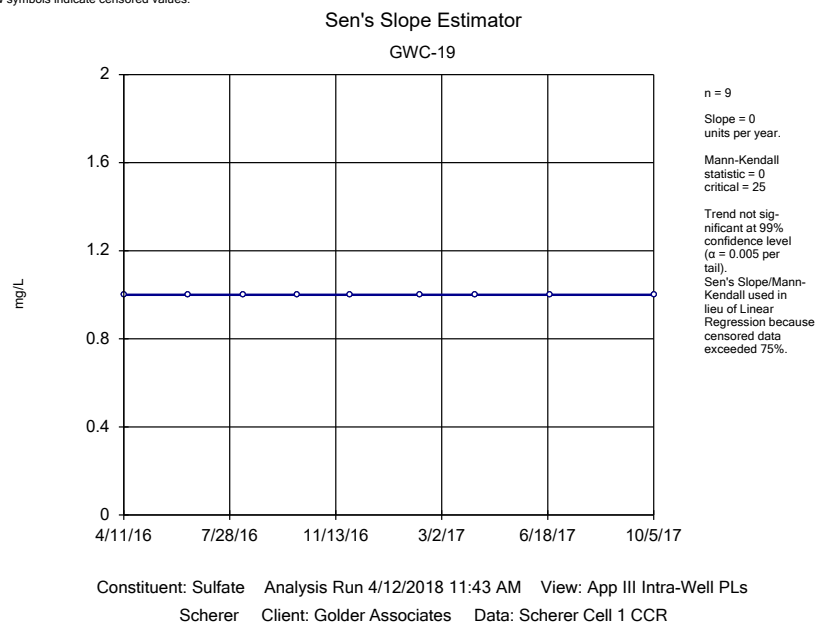
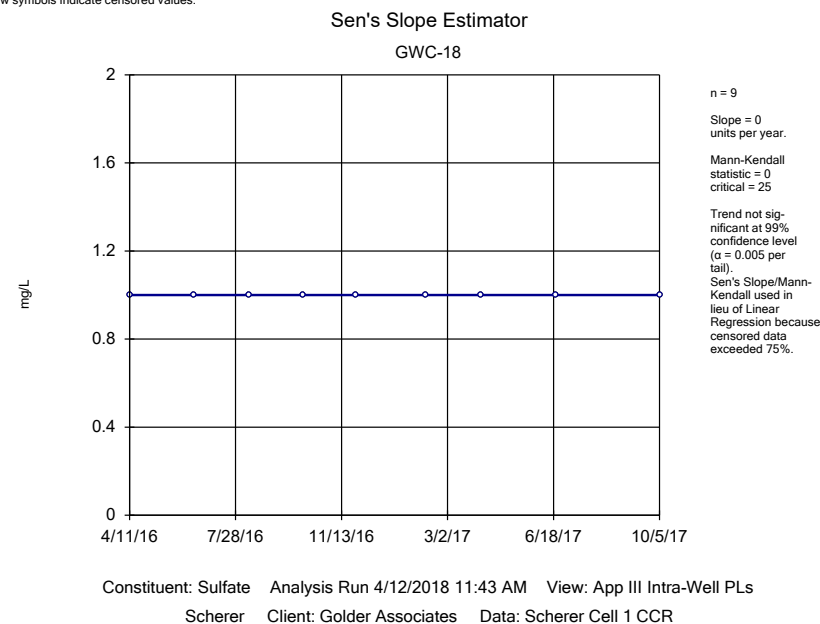
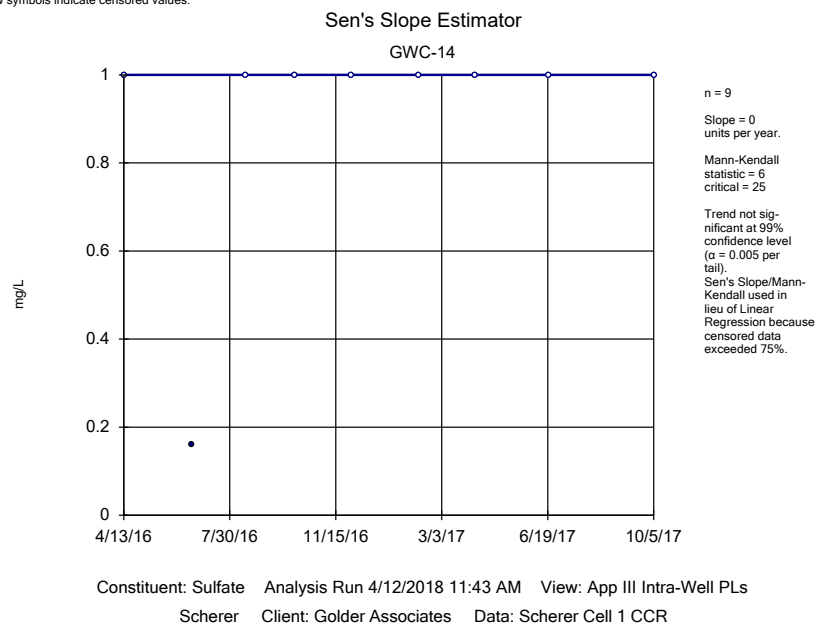
Linear Regression

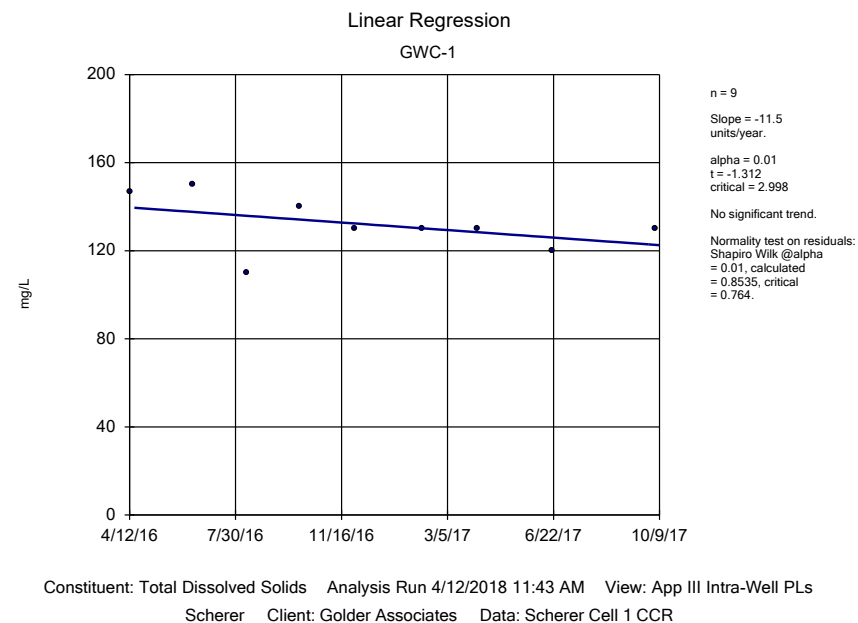
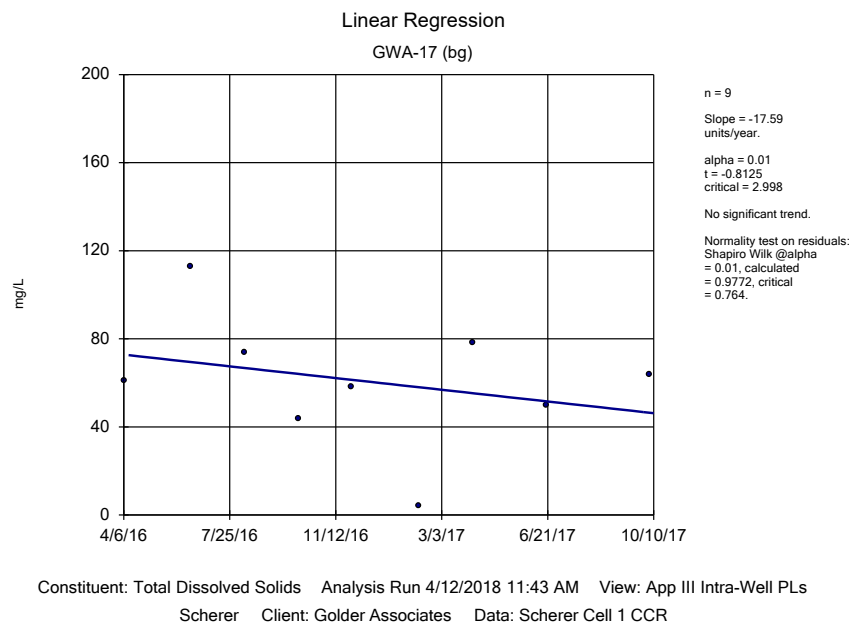
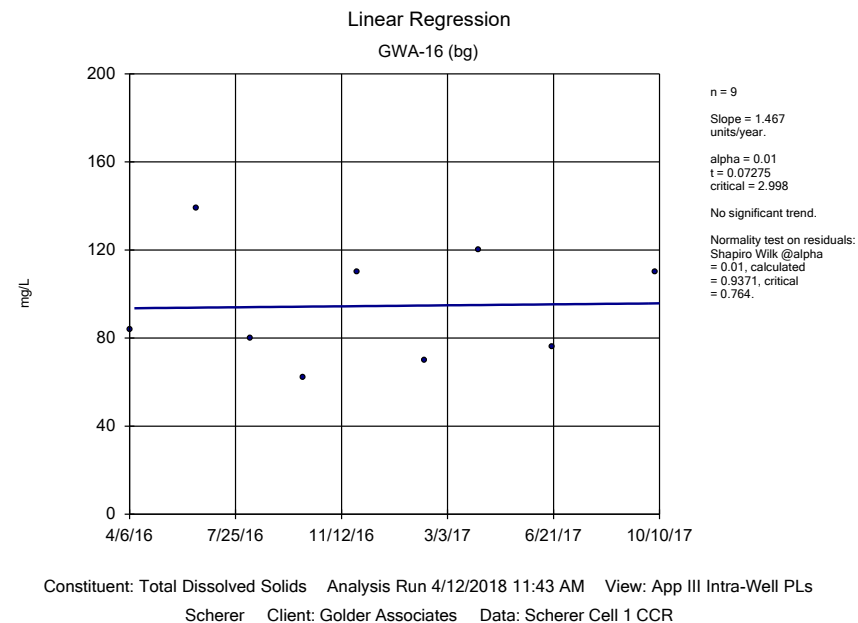
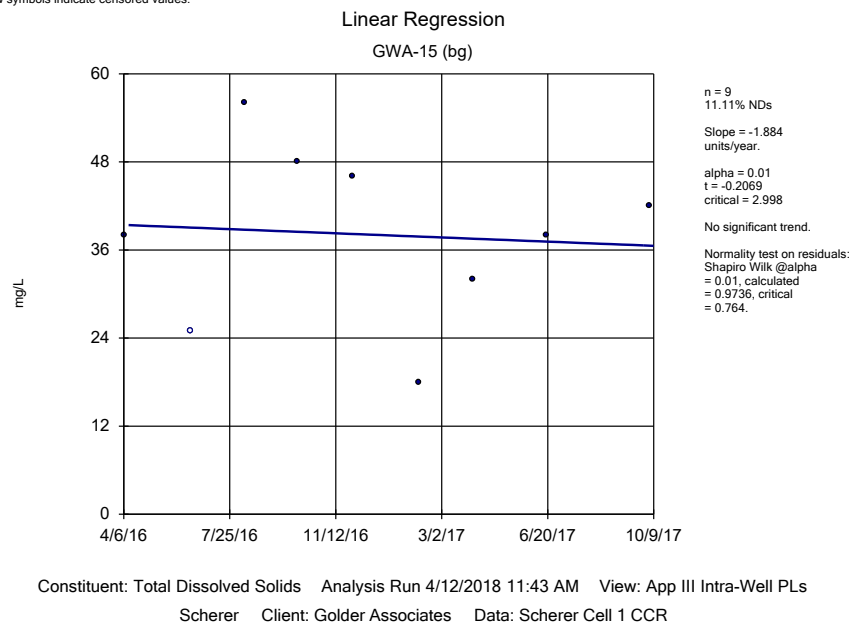
GWC-9

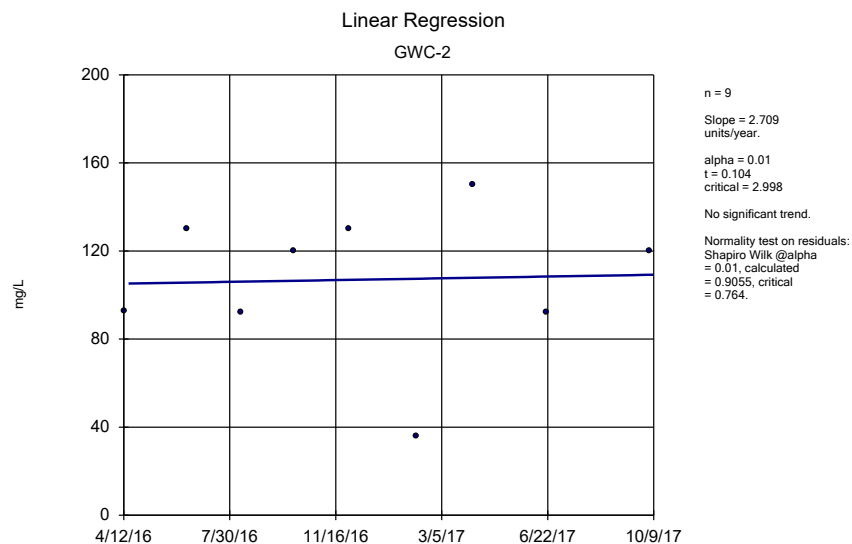


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

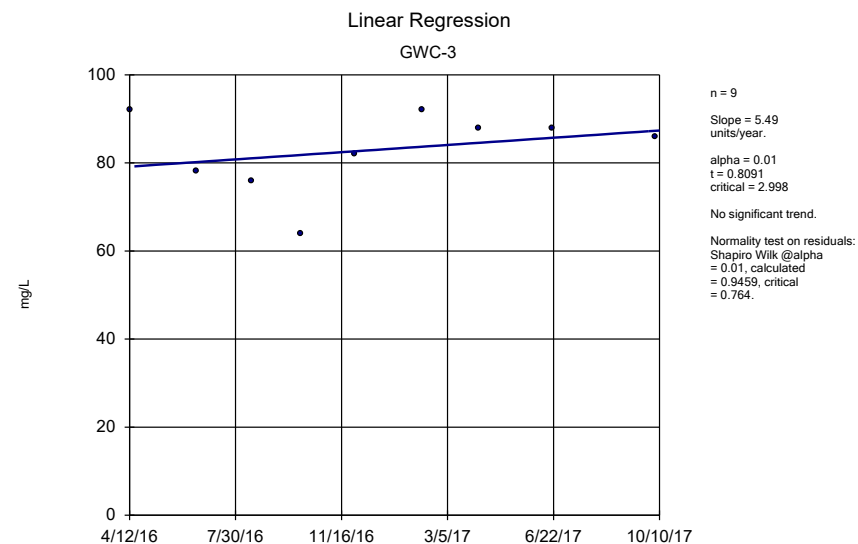




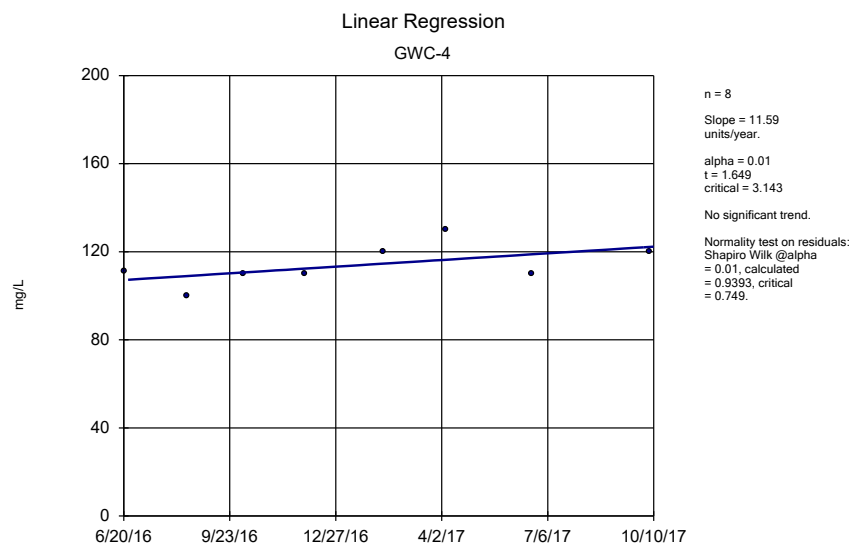




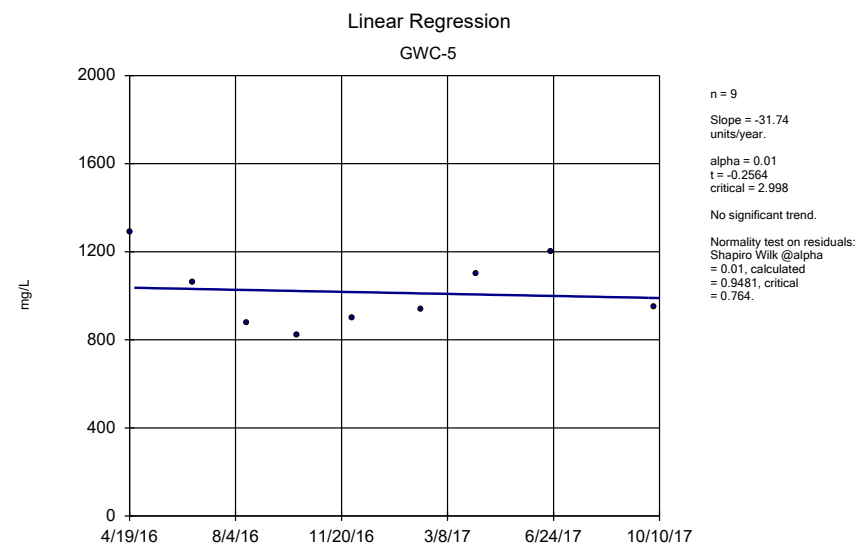
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



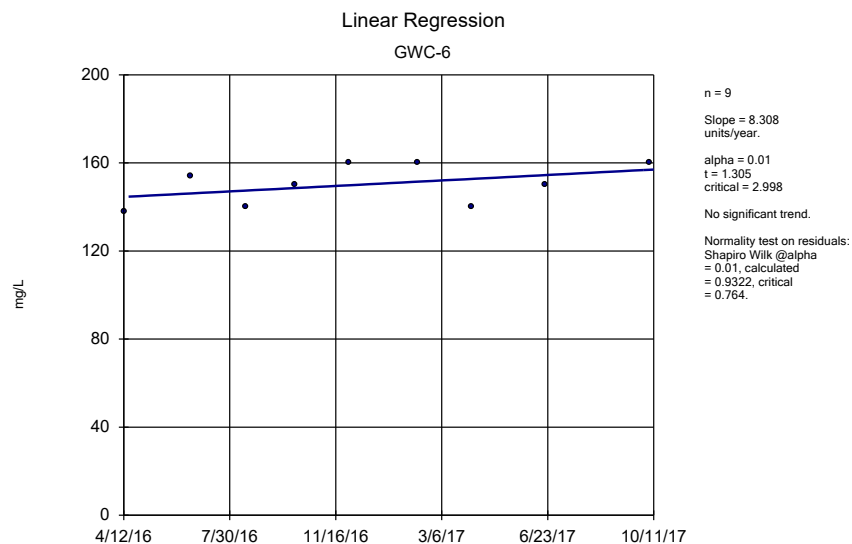
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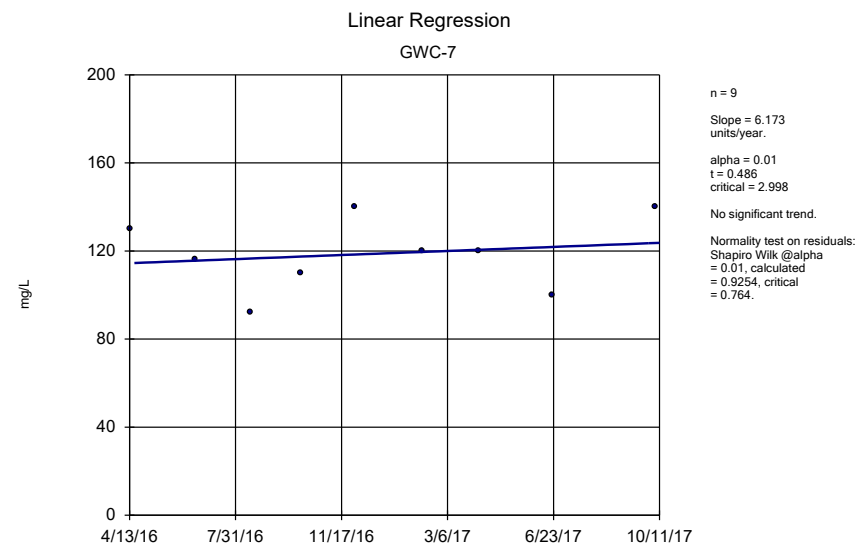
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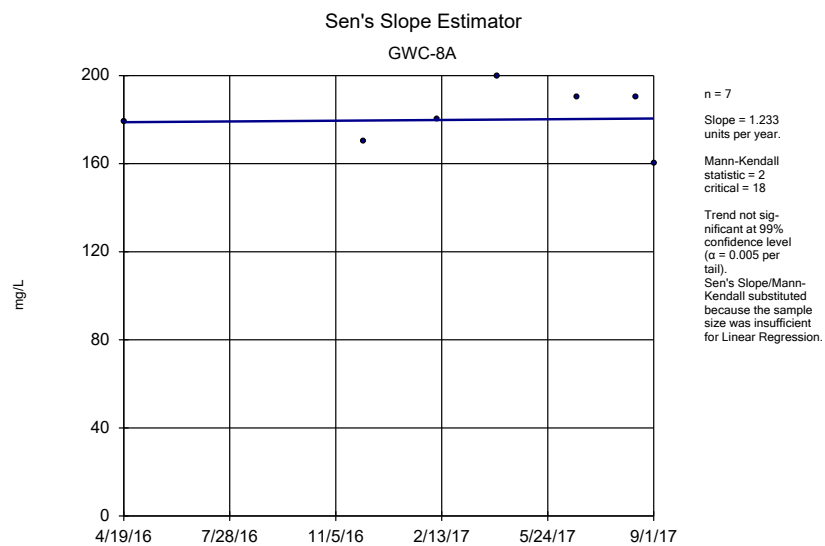
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



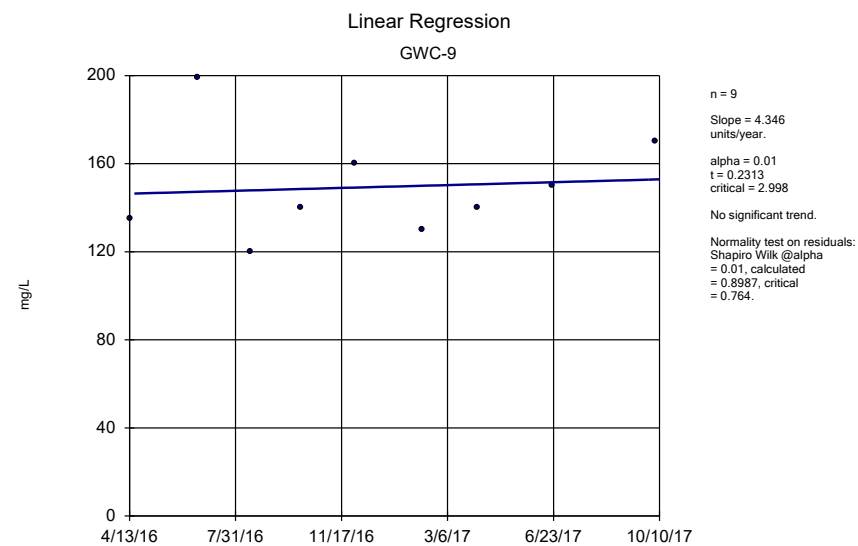
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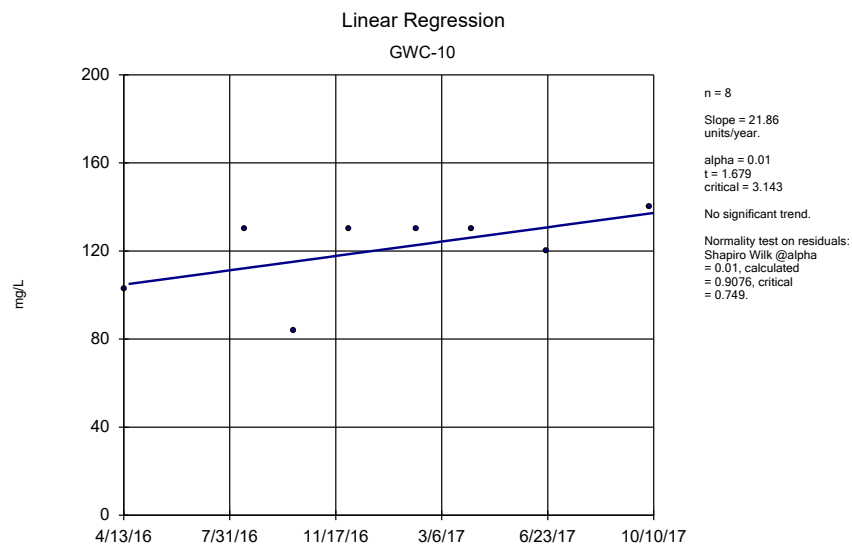
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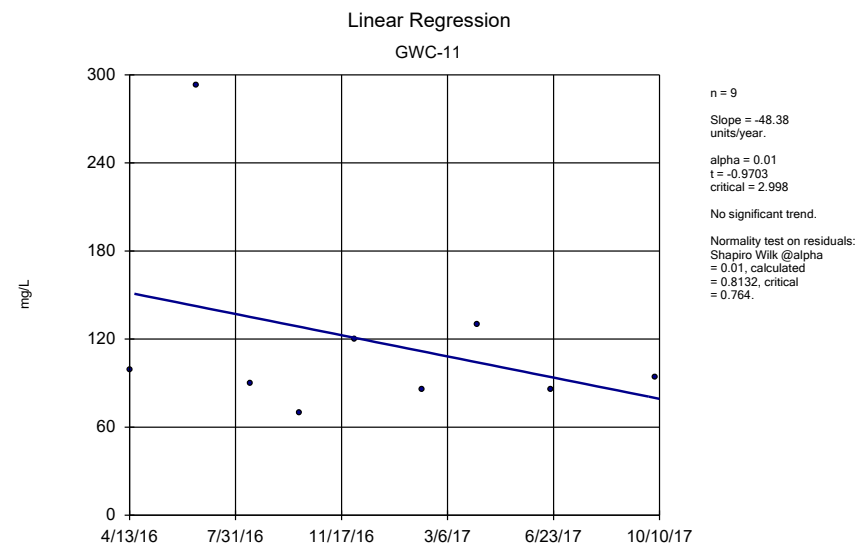
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



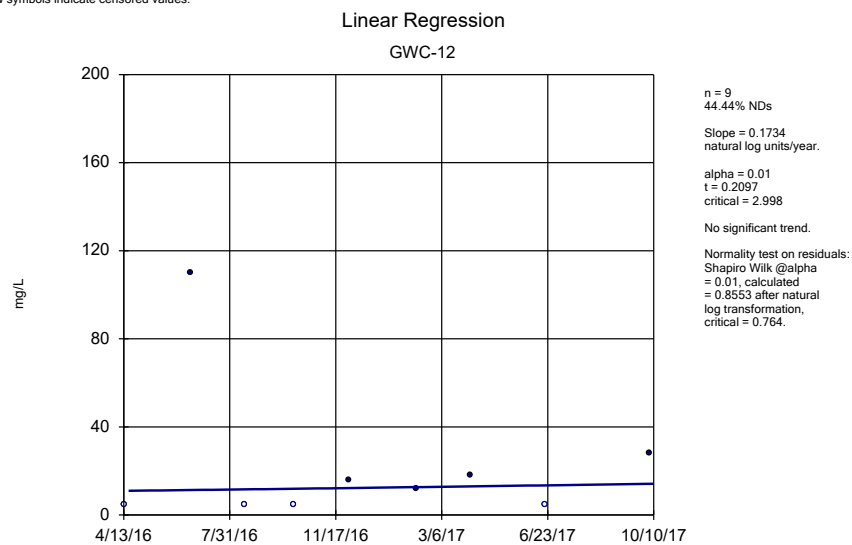
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



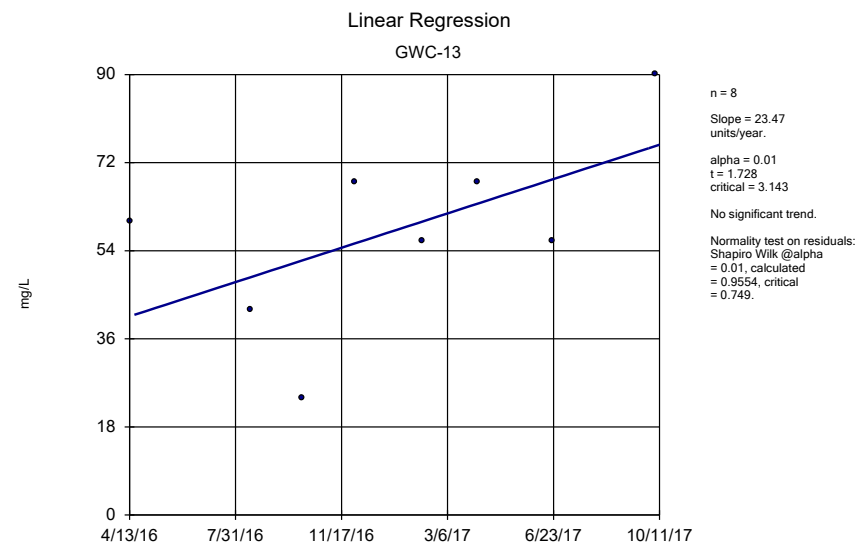
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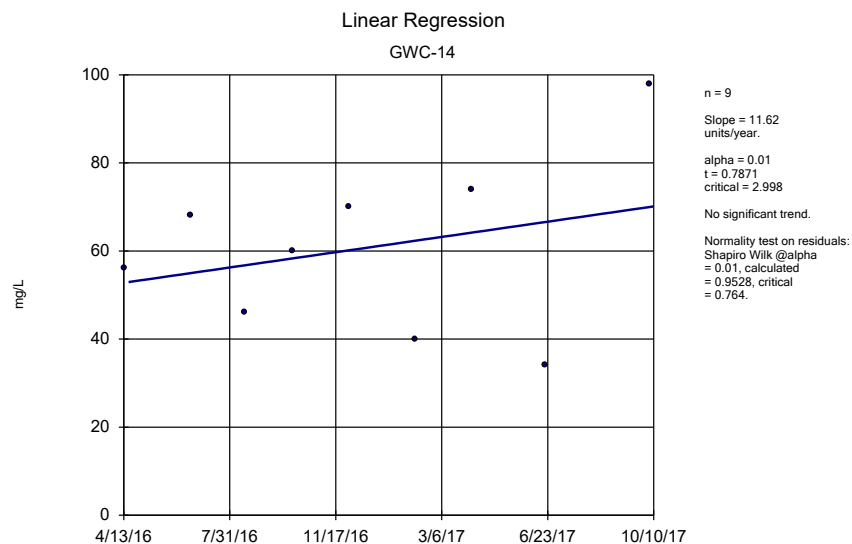
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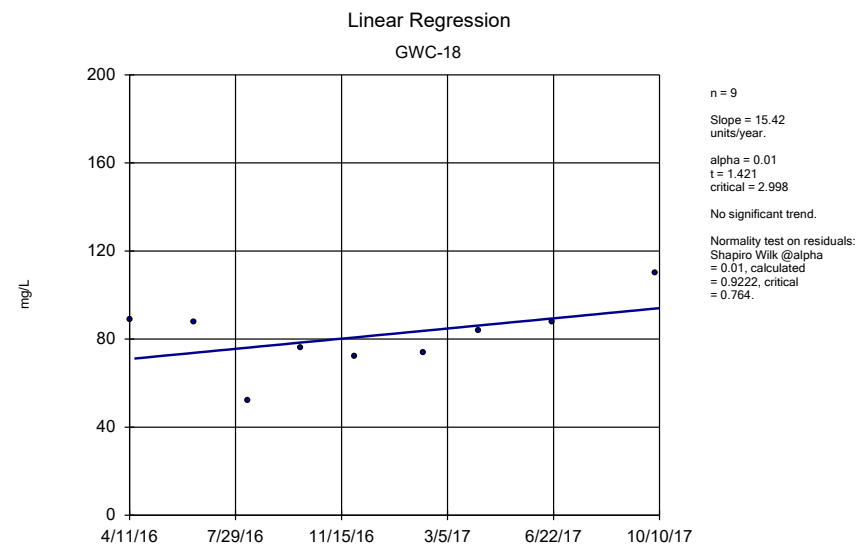
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



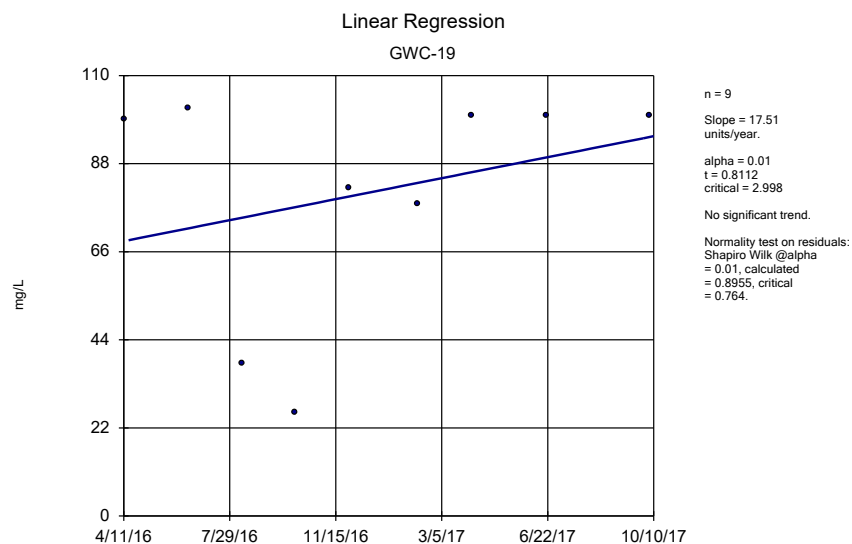
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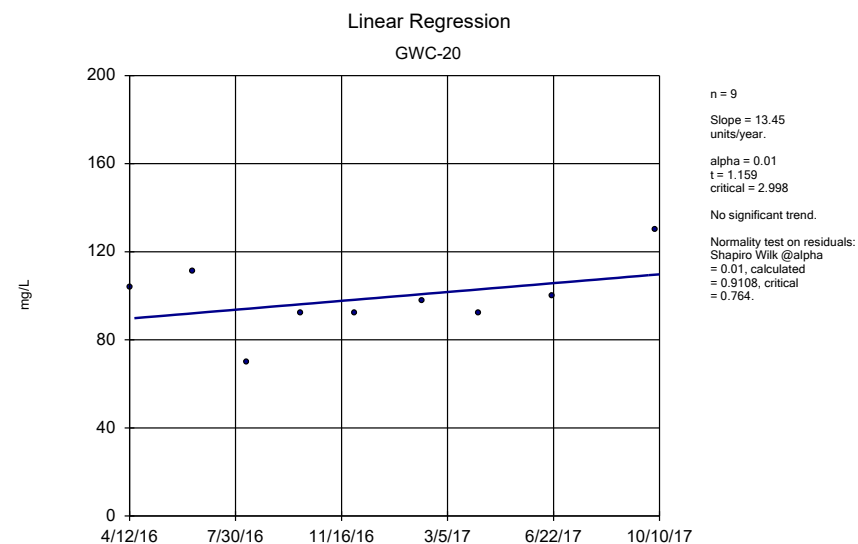
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Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
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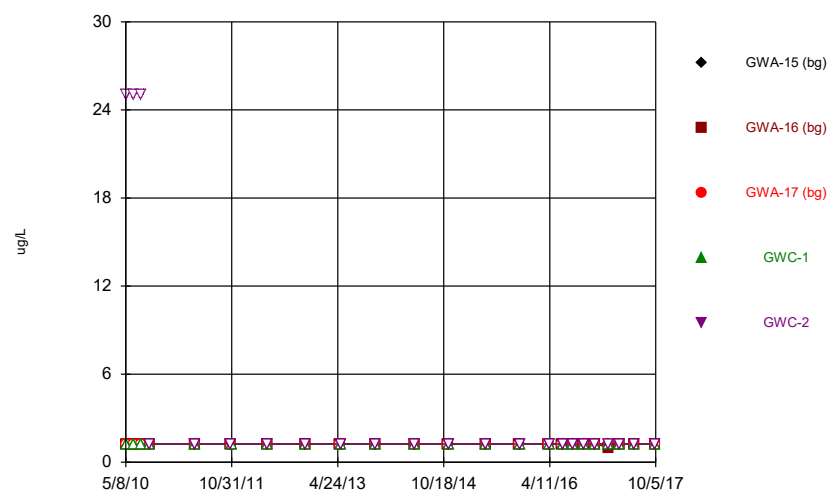


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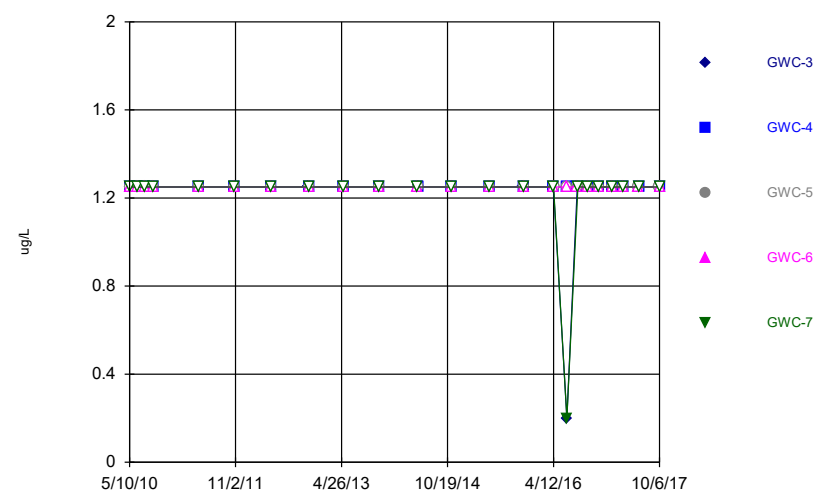
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



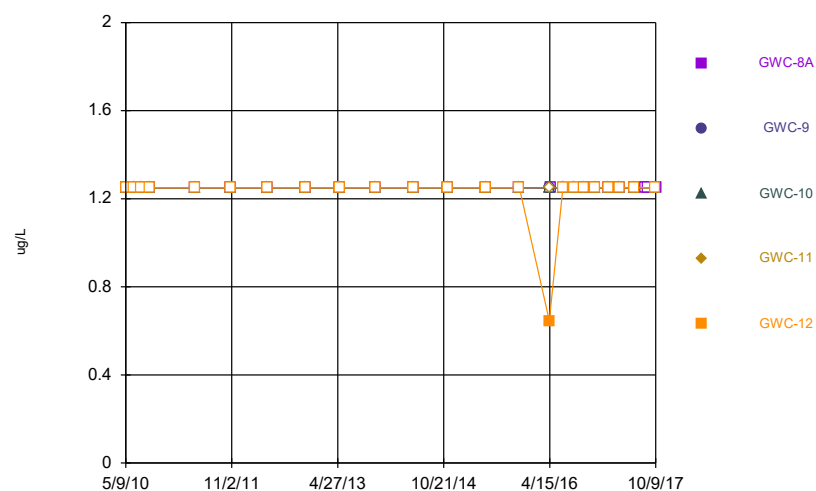
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



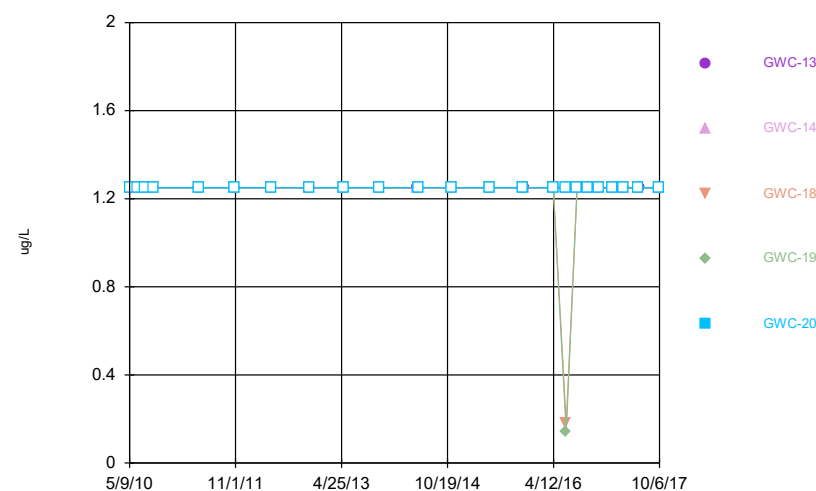
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Time Series



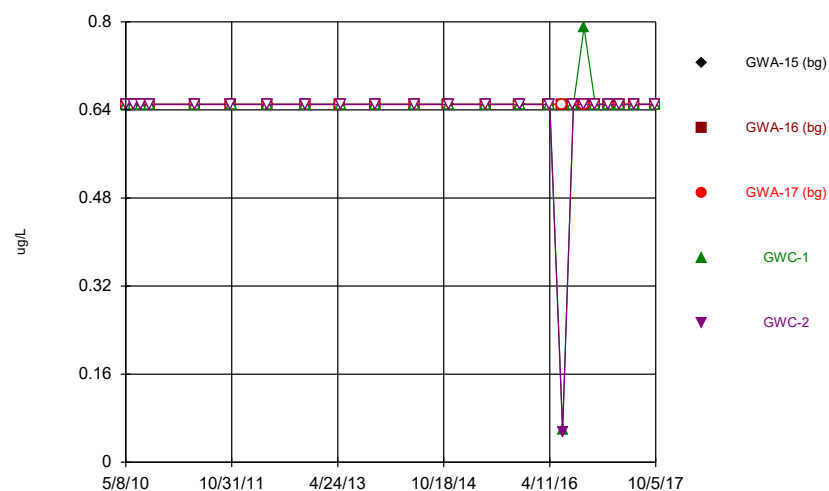
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Time Series

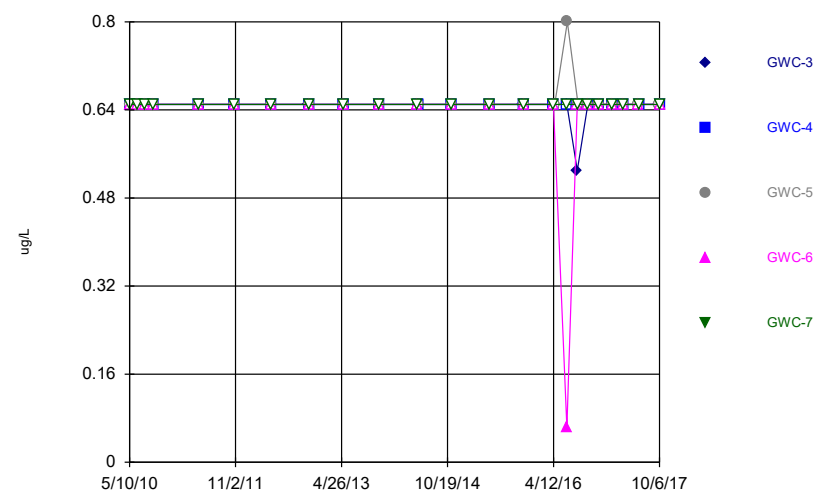


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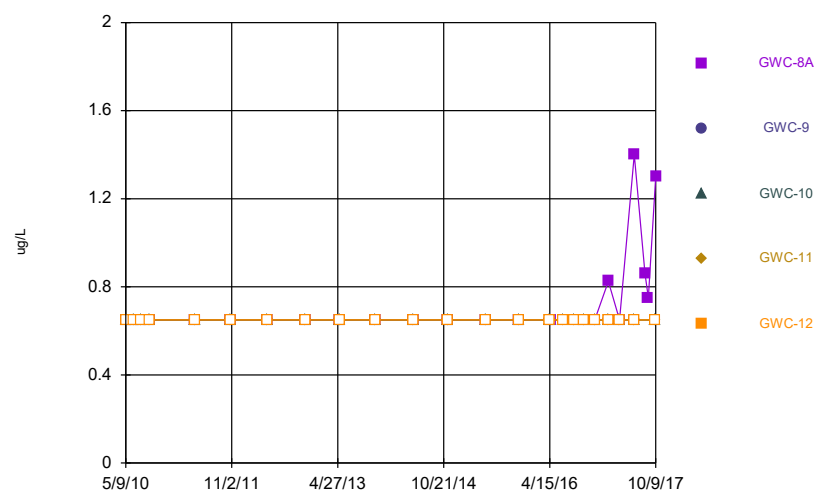
Time Series



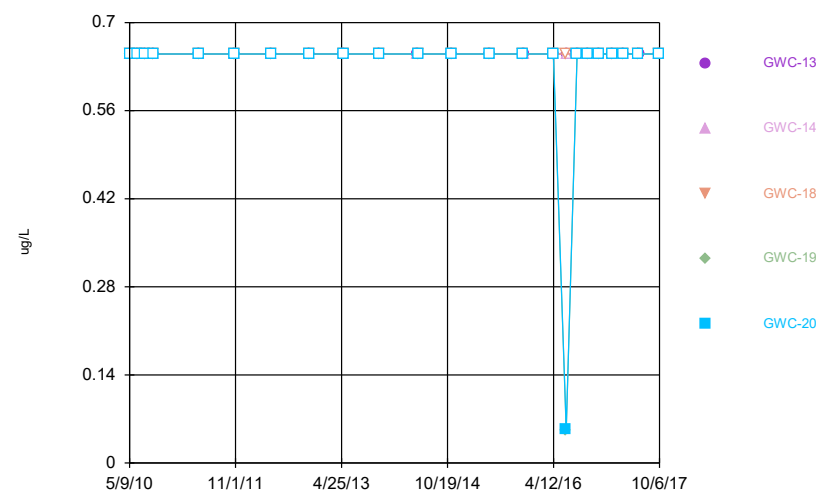
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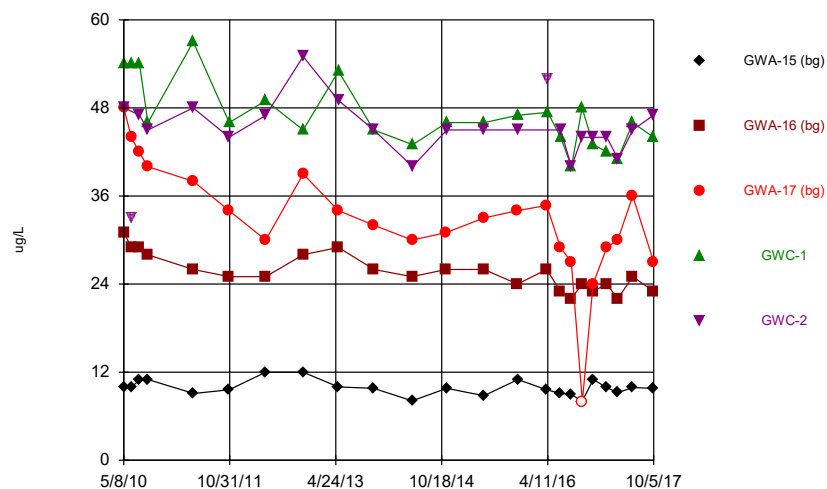
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Time Series

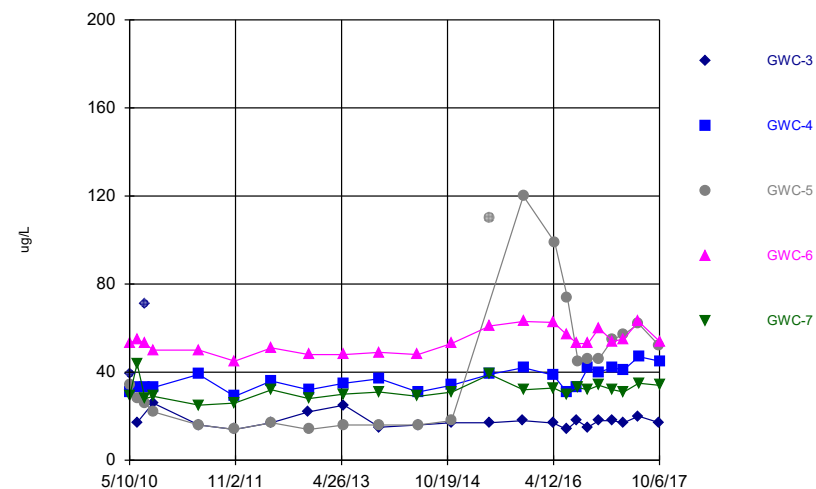


Time Series



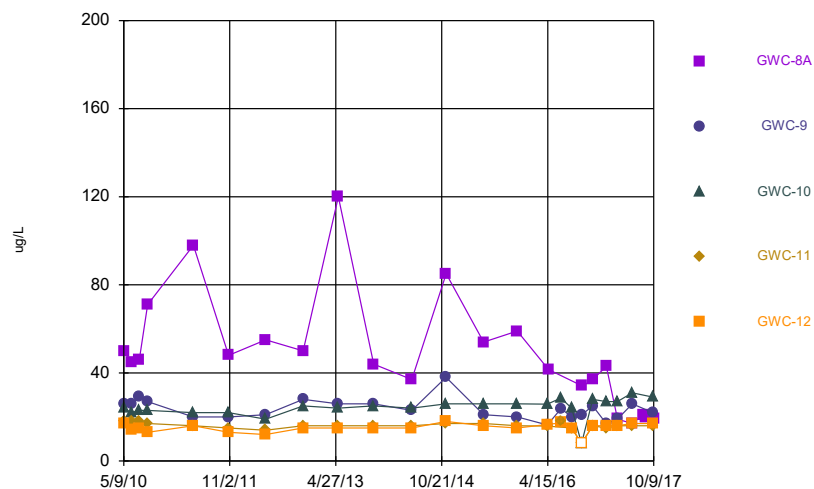
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Time Series



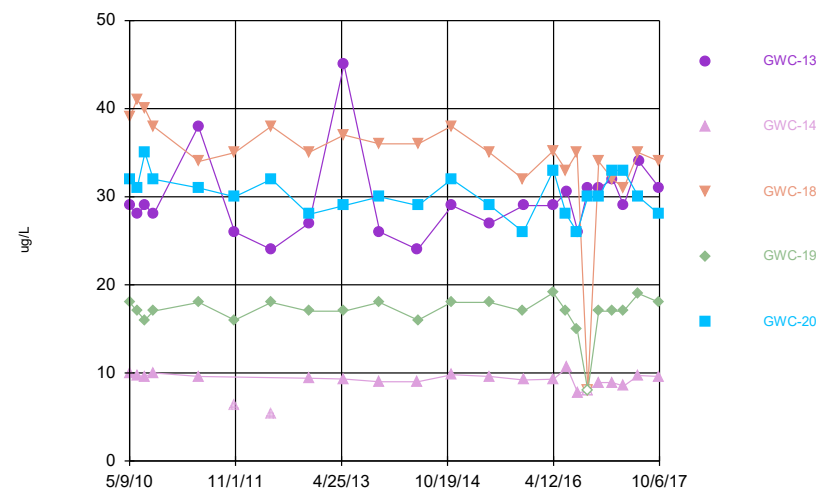
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Time Series



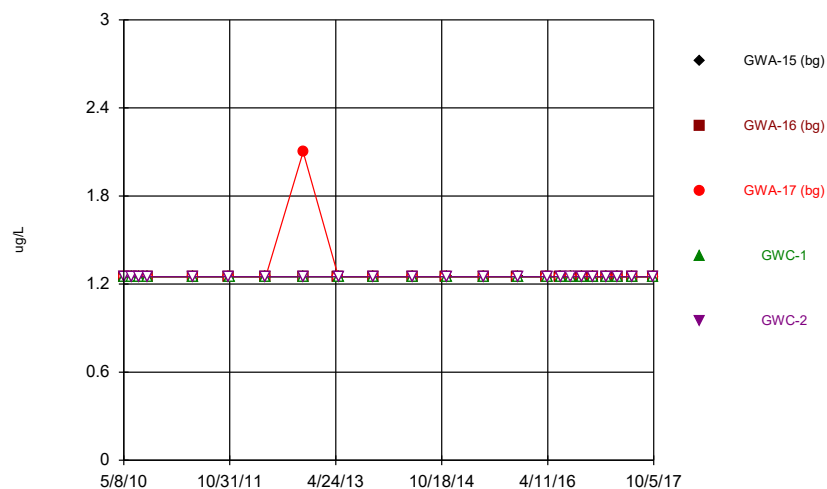
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Time Series

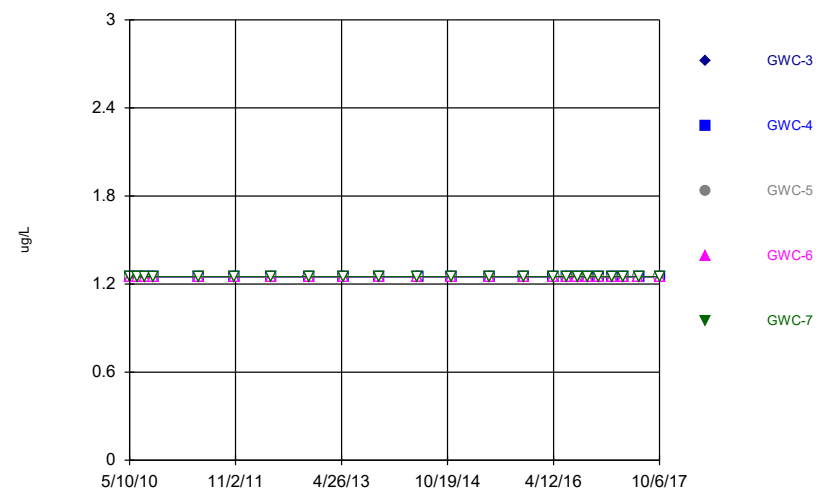


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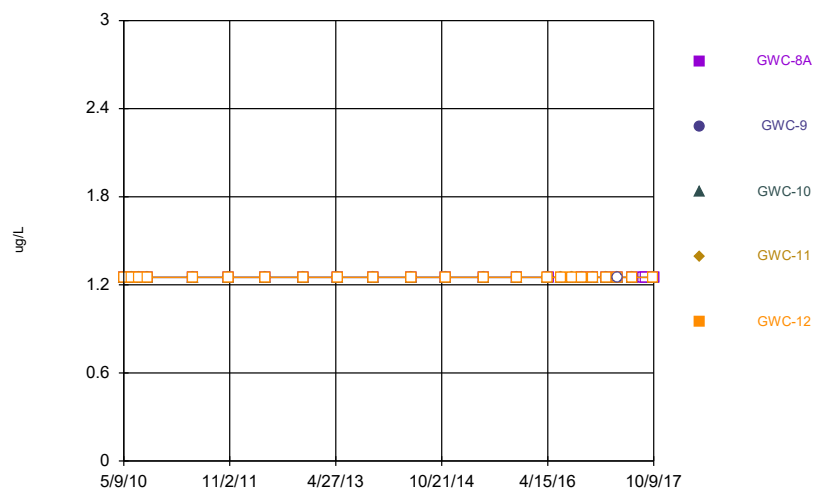
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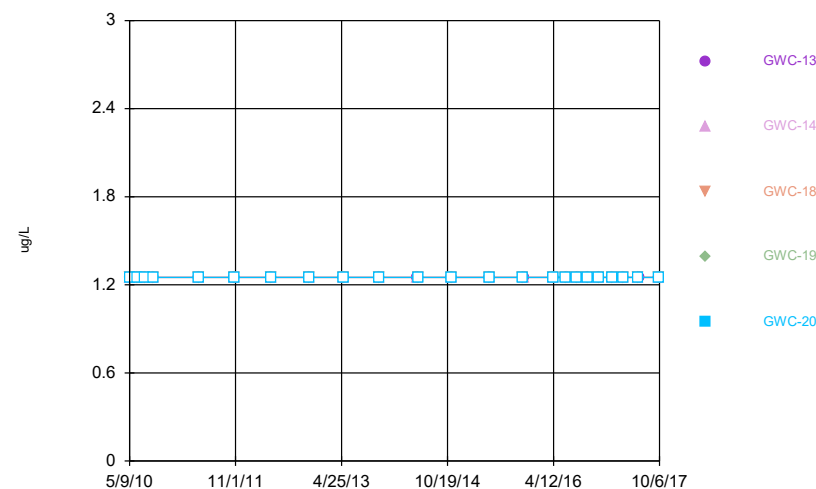
Time Series



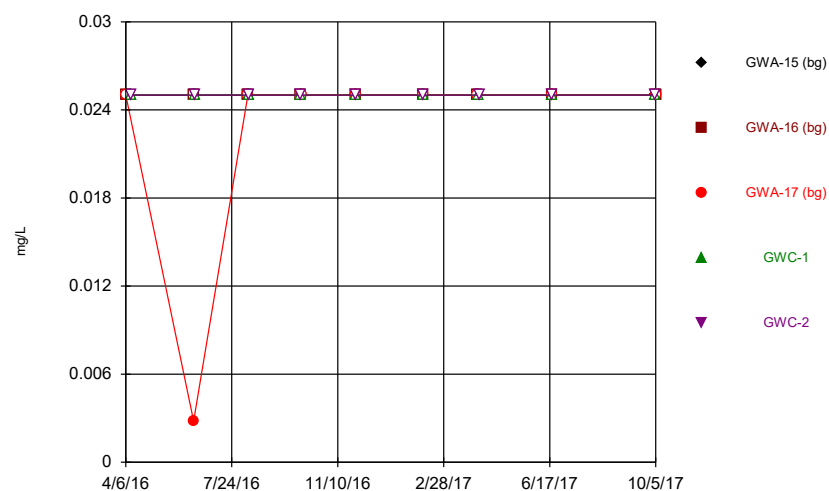
Time Series



Time Series

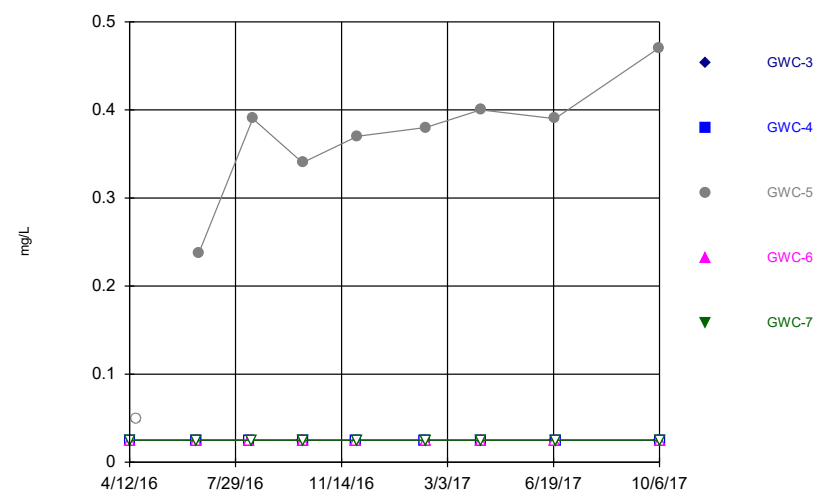


Time Series



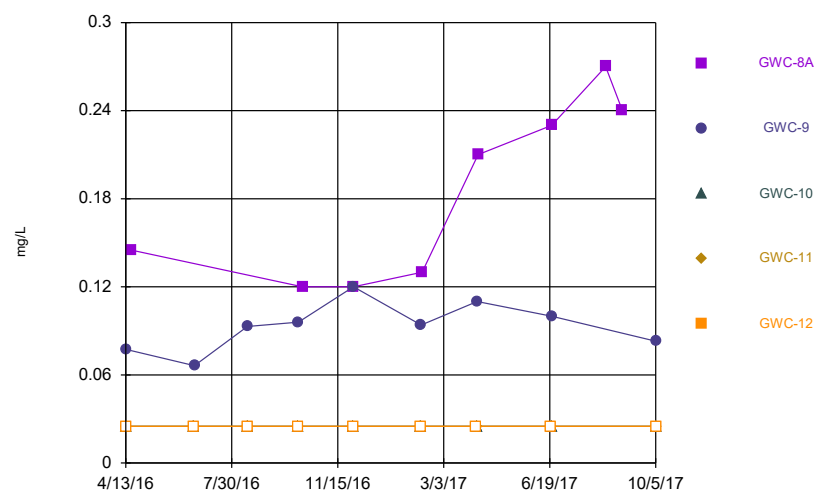
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



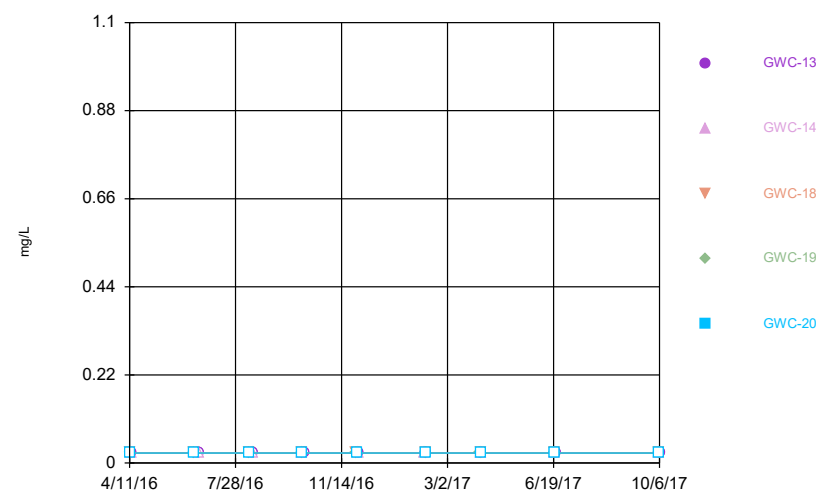
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Time Series



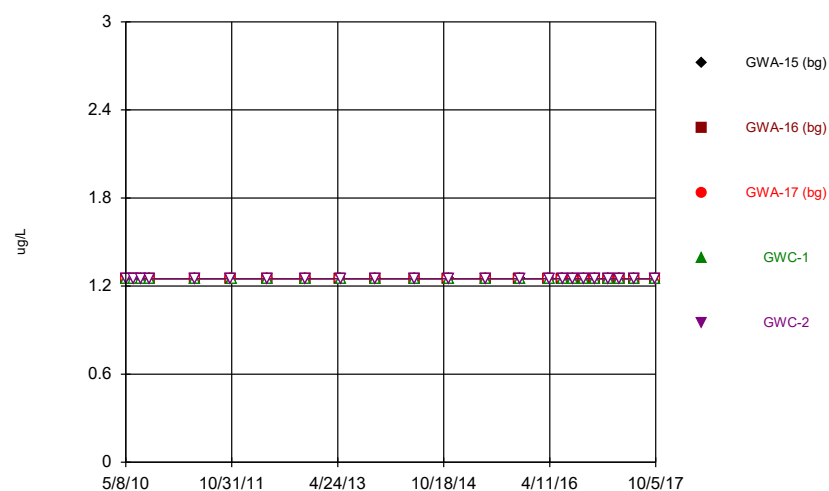
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



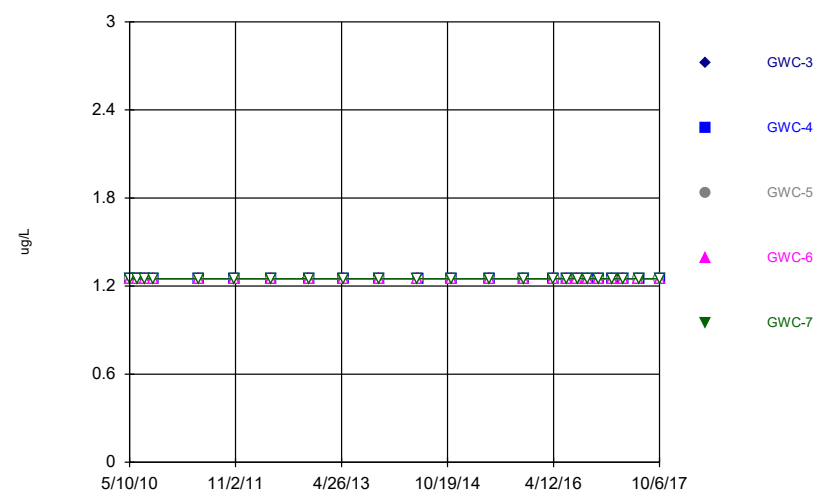
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



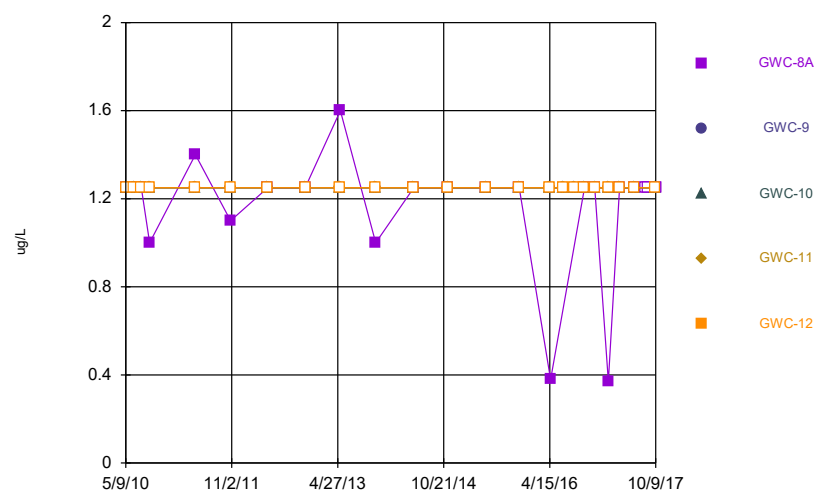
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



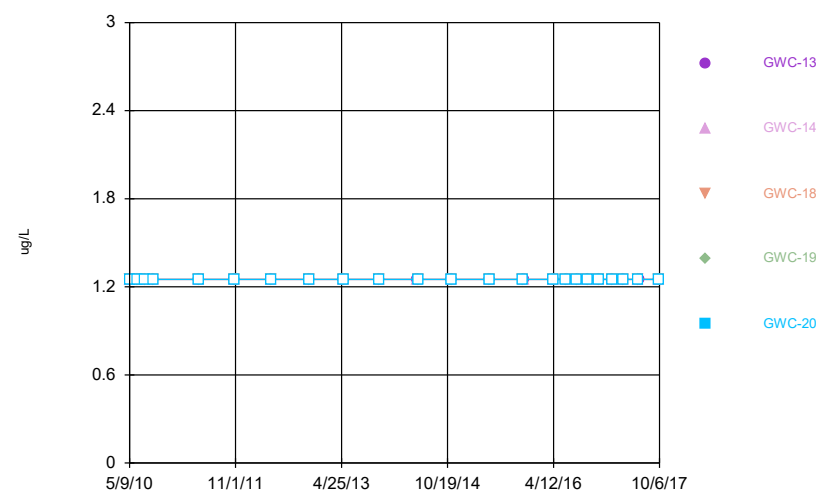
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



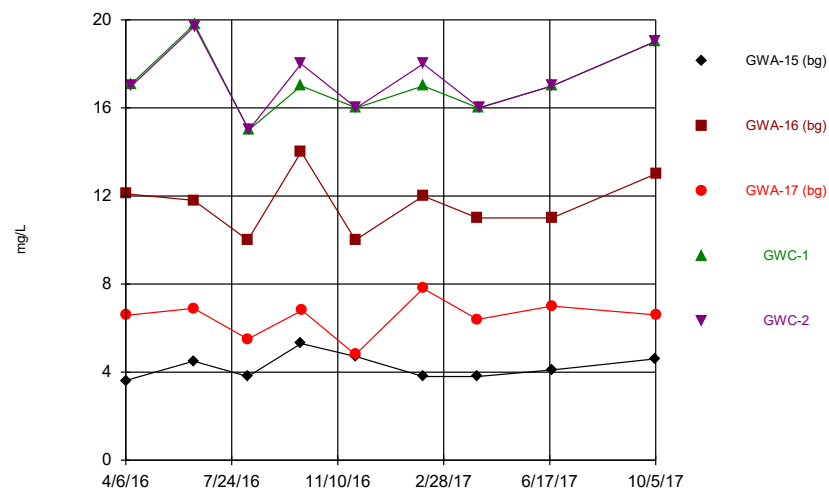
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Time Series



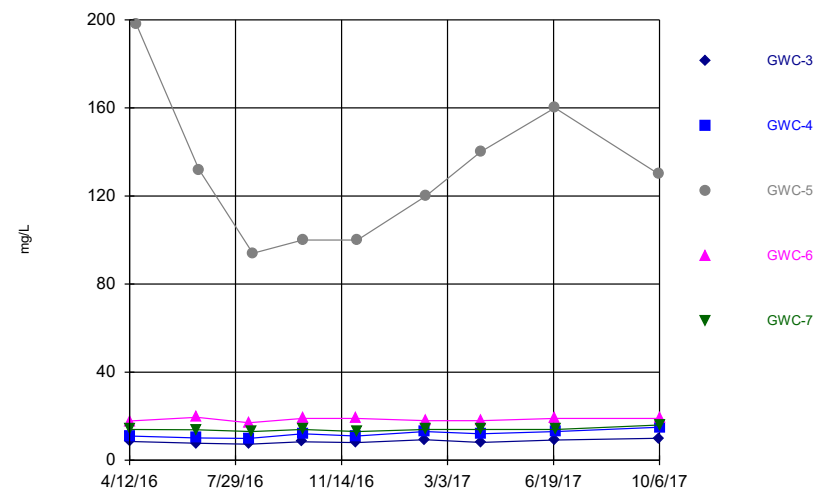
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



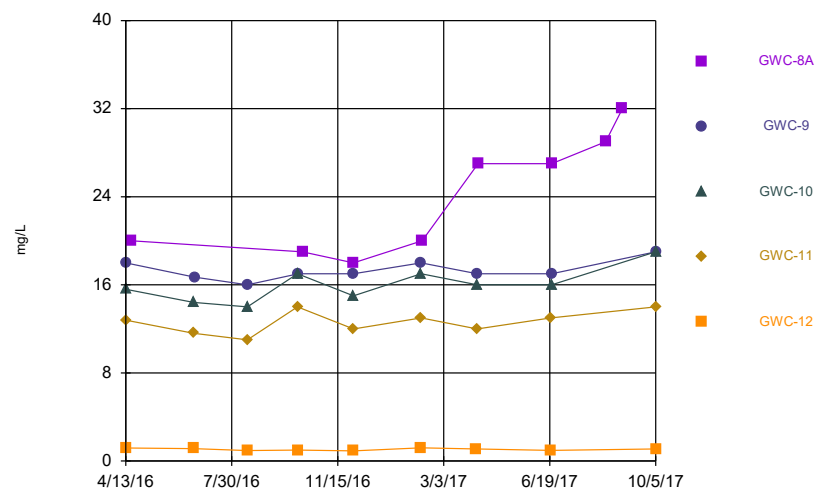
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



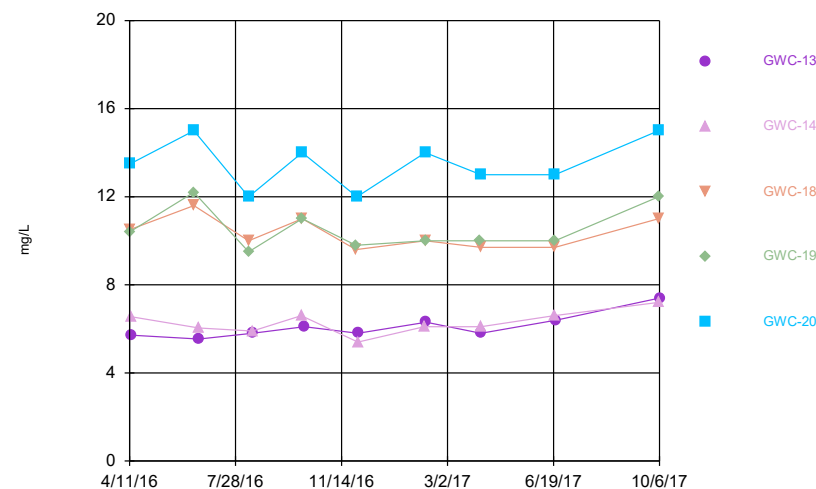
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



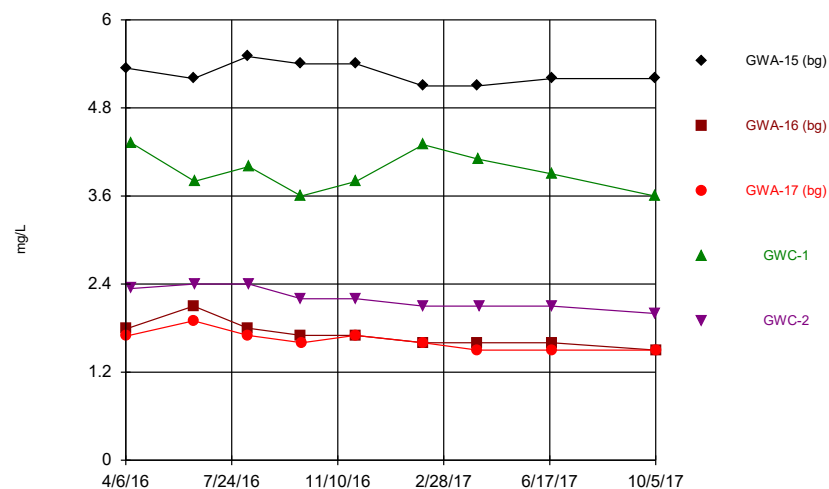
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



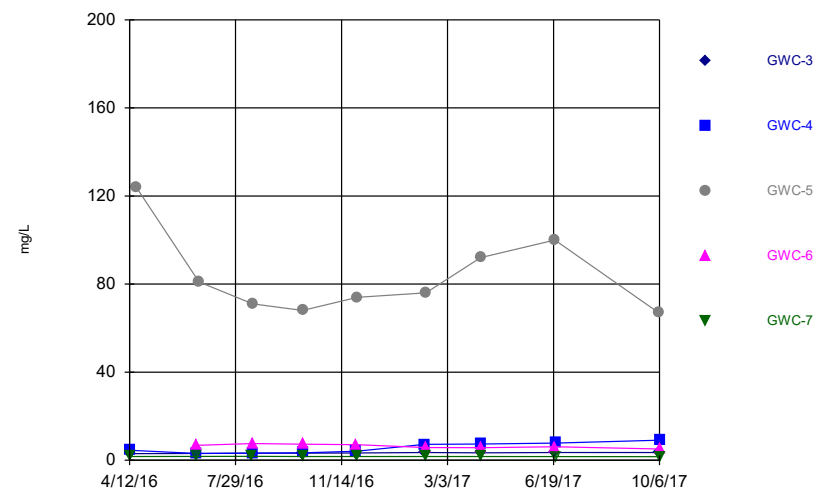
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



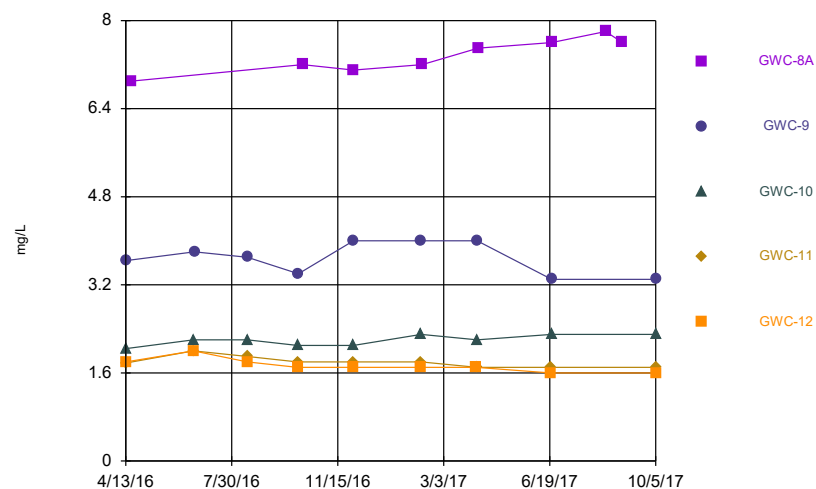
Constituent: Chloride Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



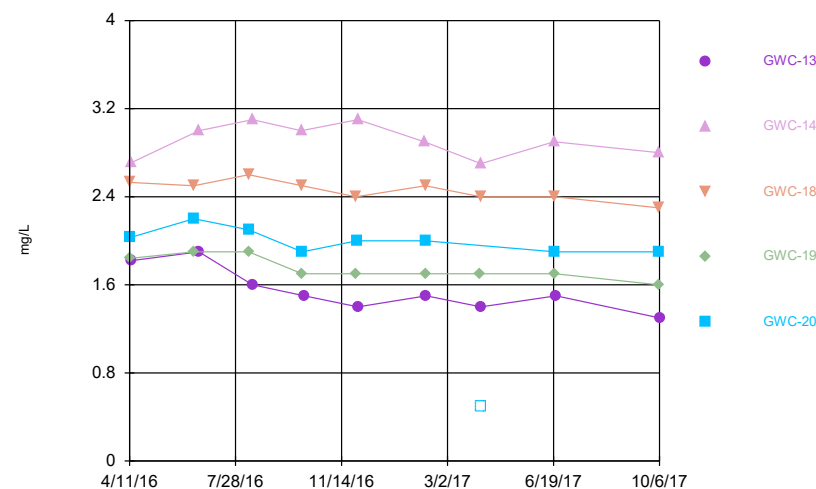
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



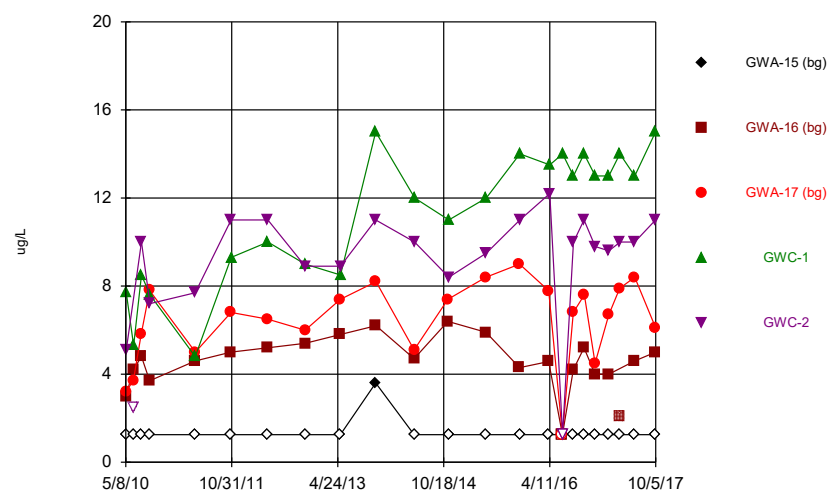
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



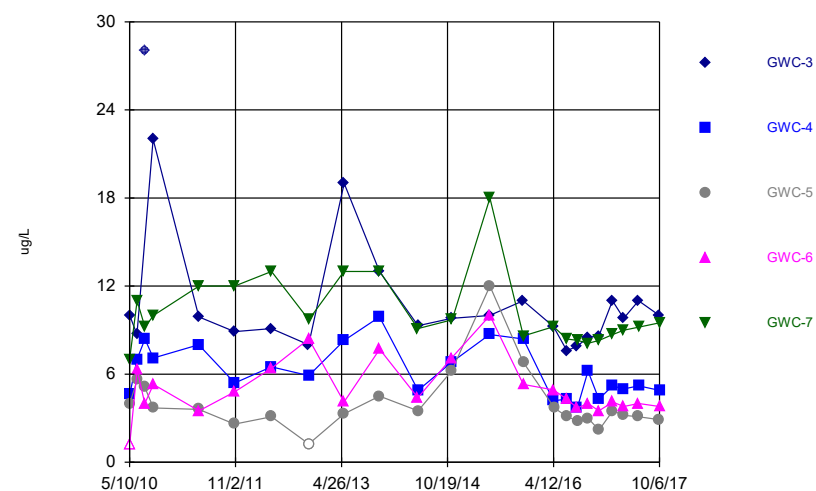
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



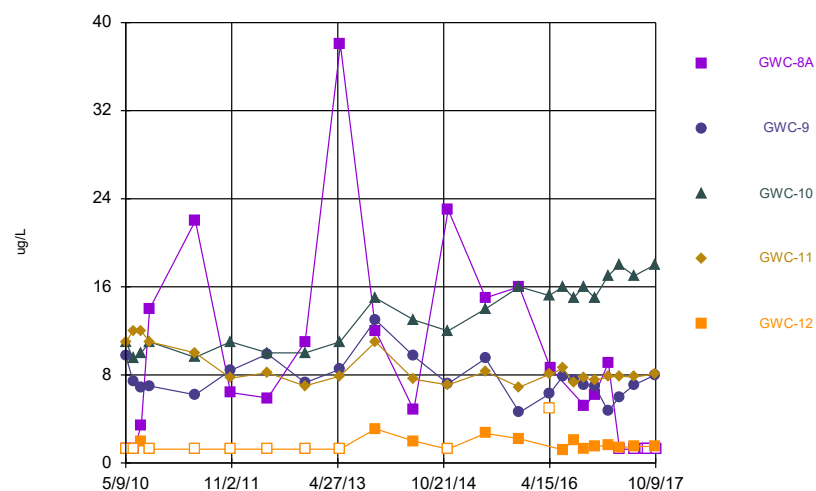
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



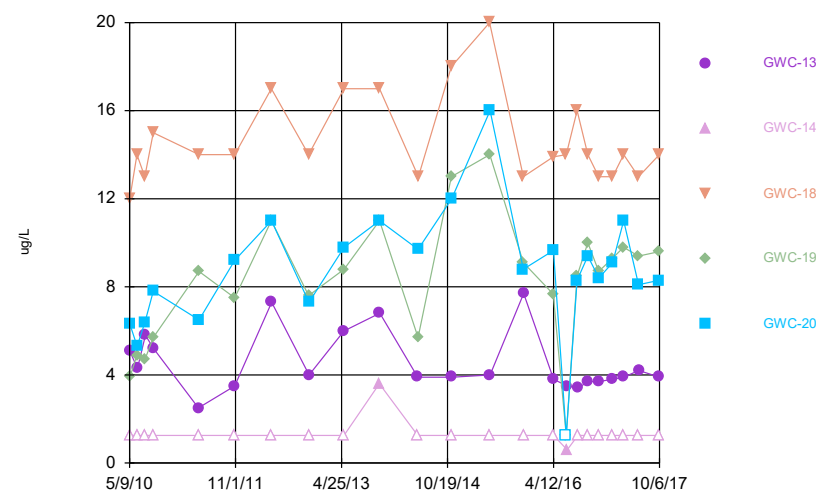
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



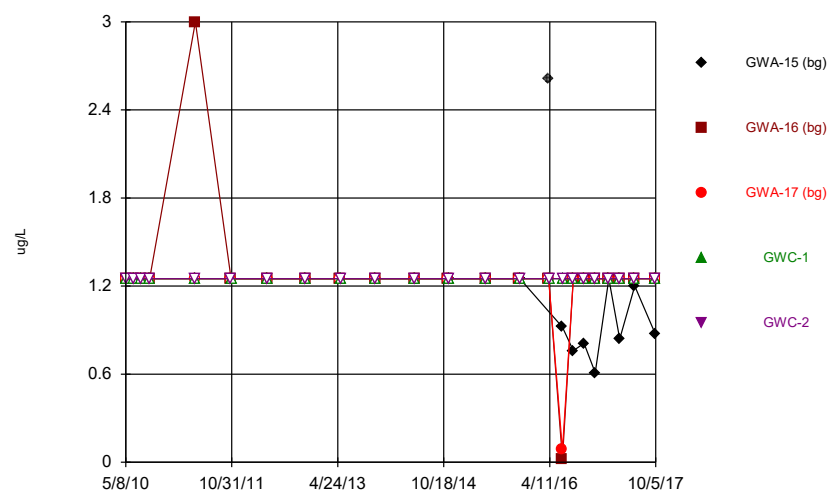
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



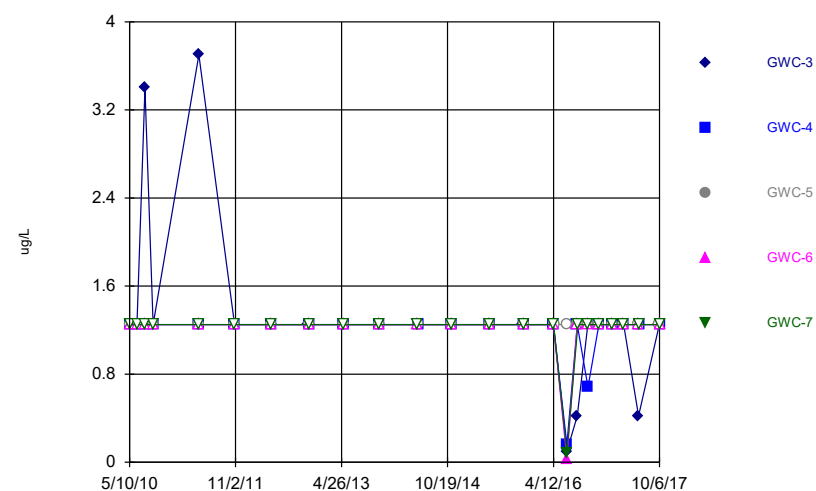
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



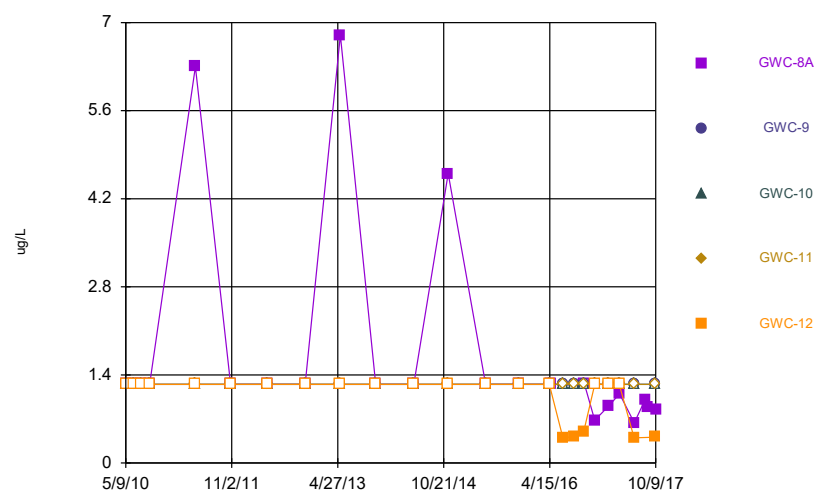
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Time Series



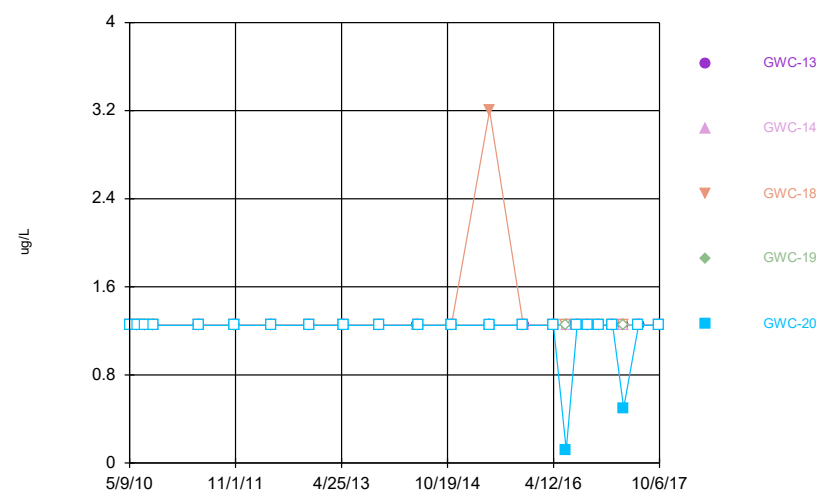
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



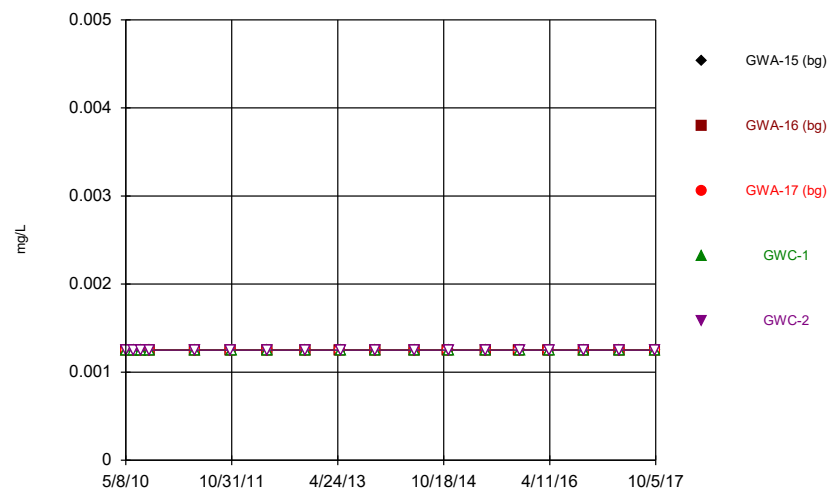
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

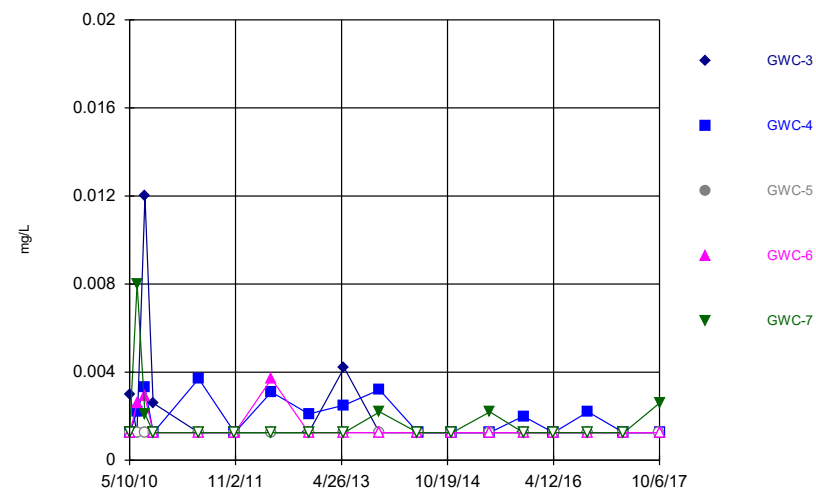


Constituent: Cobalt, Total Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

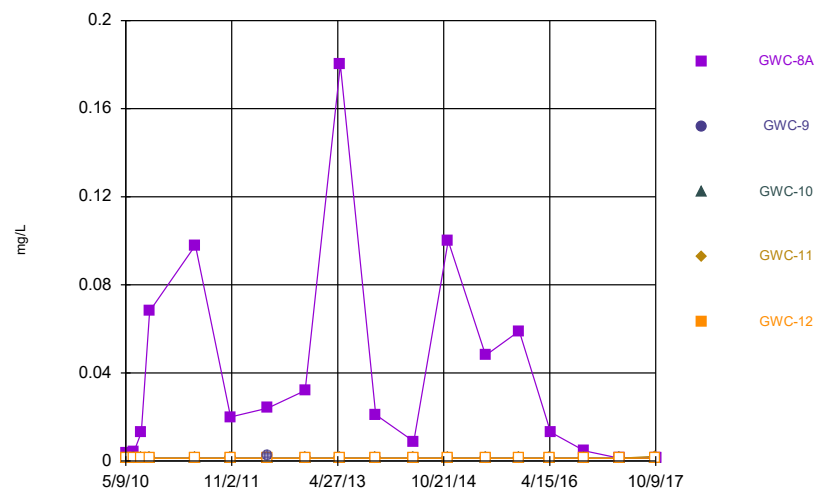
Time Series



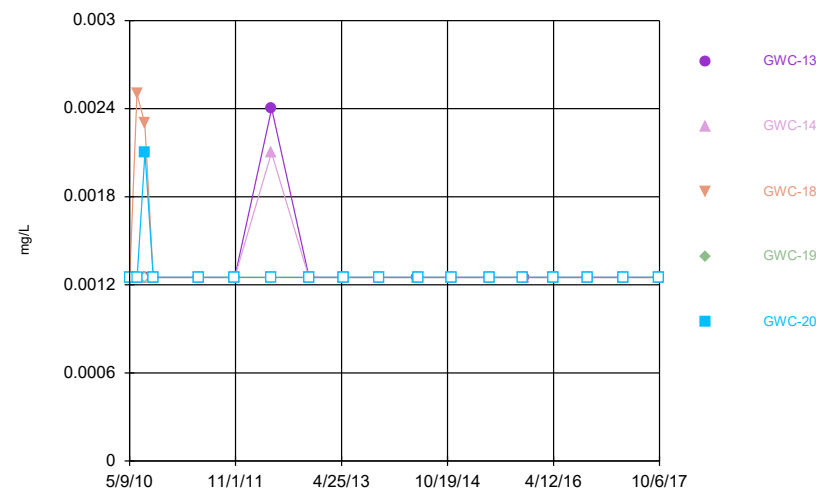
Time Series



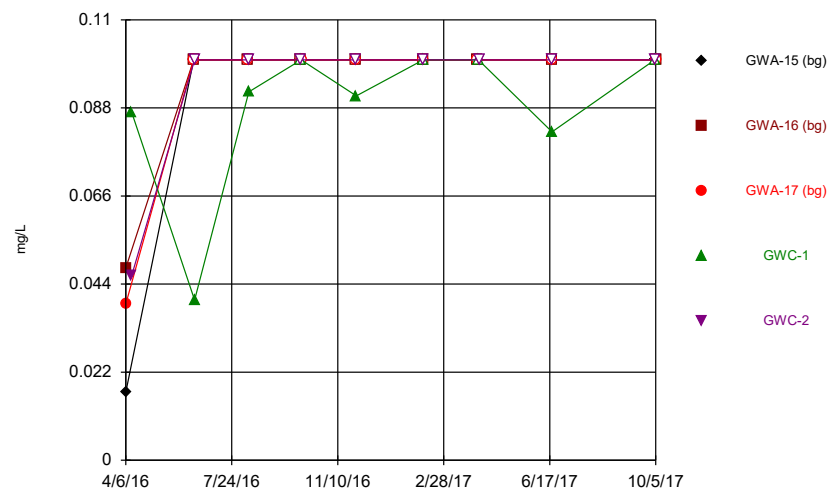
Time Series



Time Series

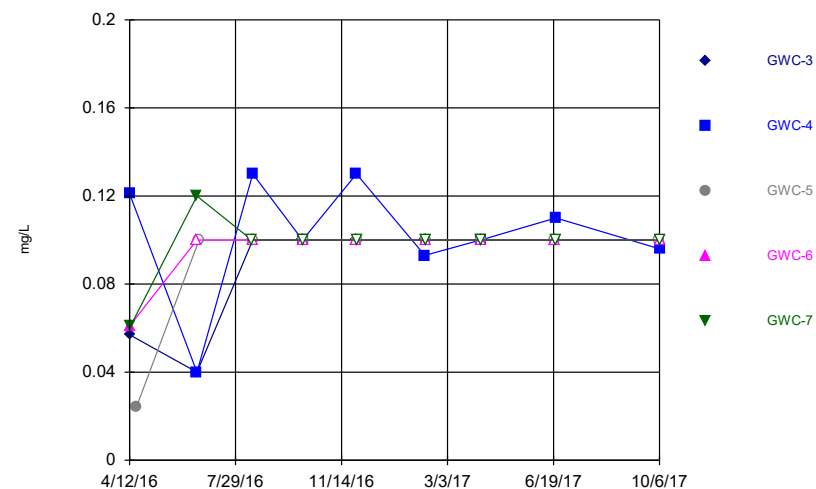


Time Series



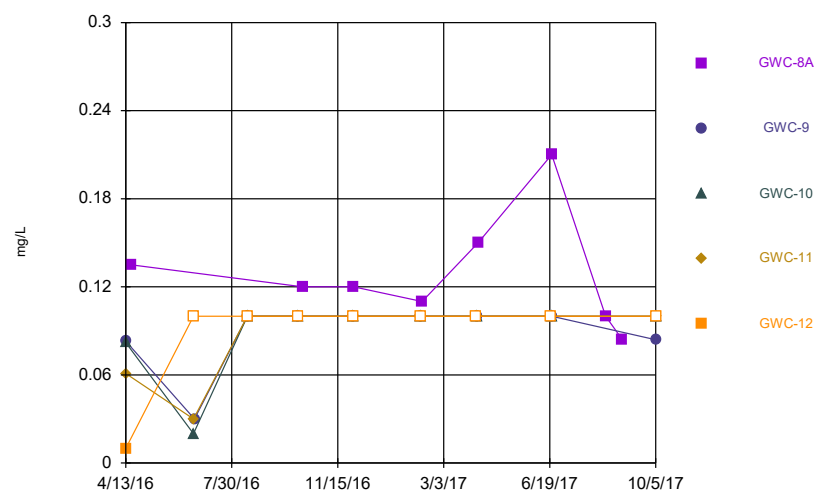
Constituent: Fluoride Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



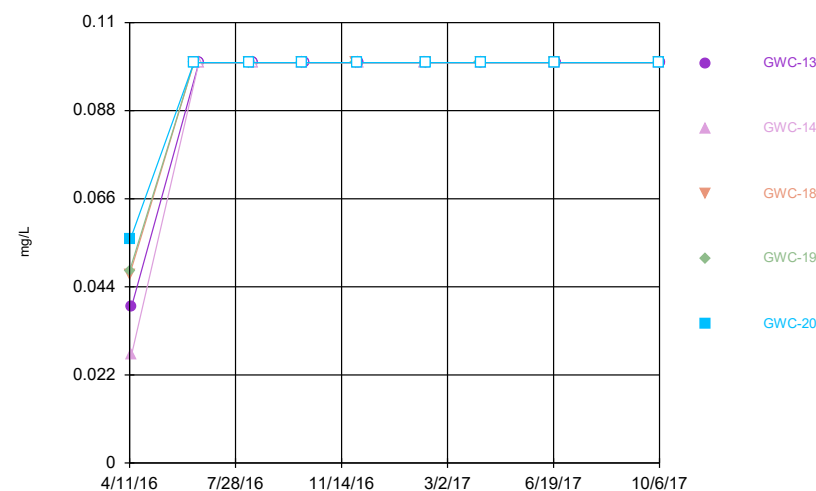
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



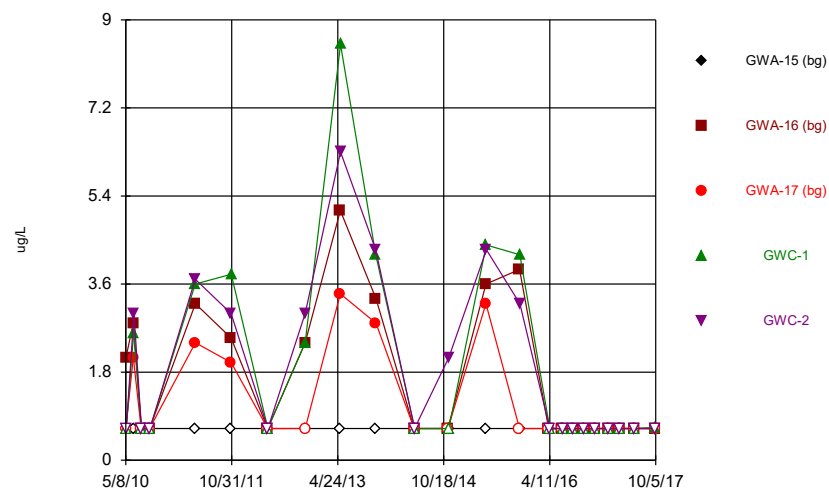
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



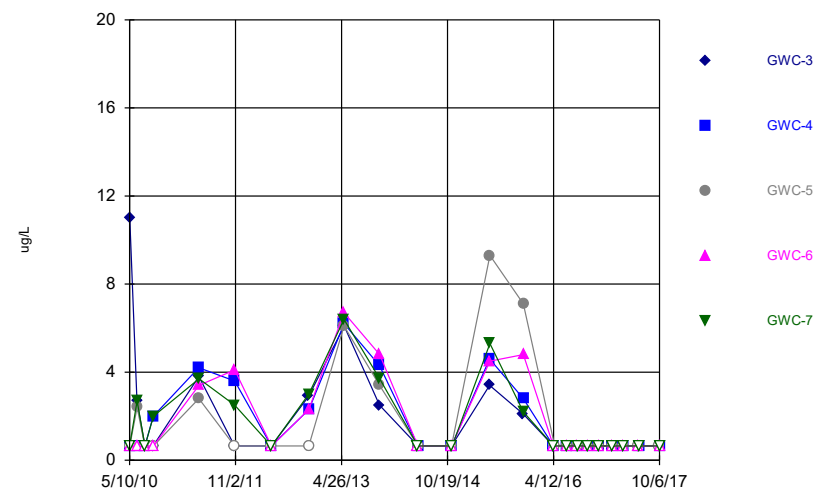
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



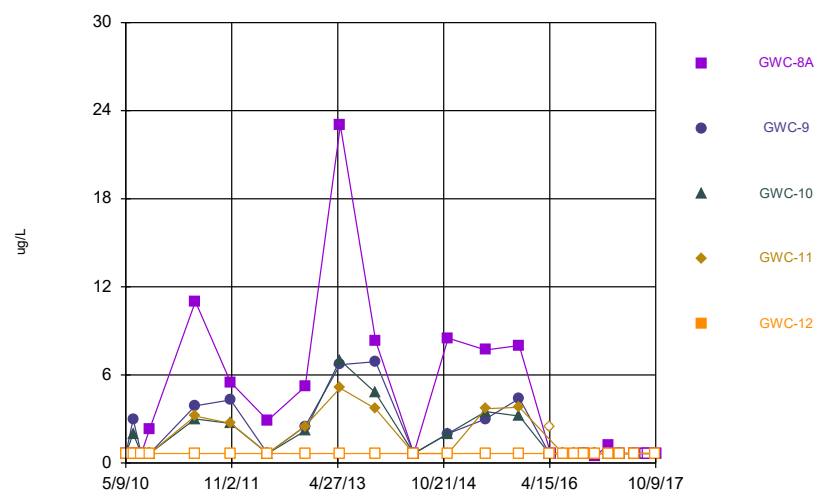
Constituent: Lead, Total Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



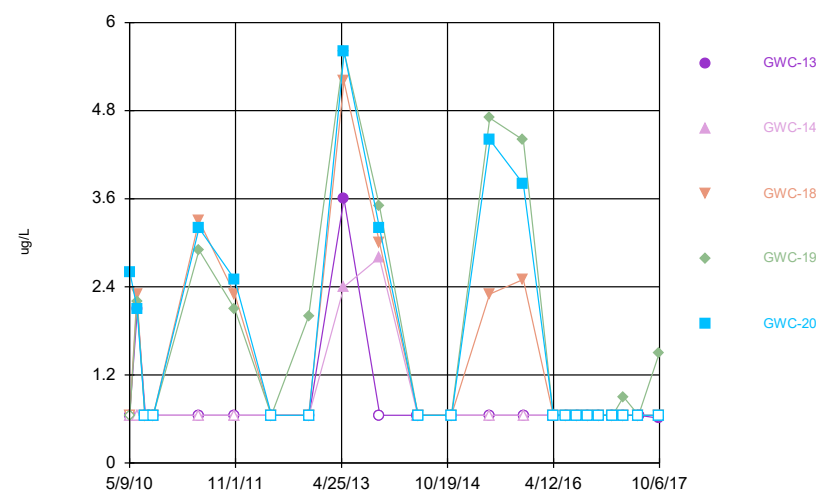
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



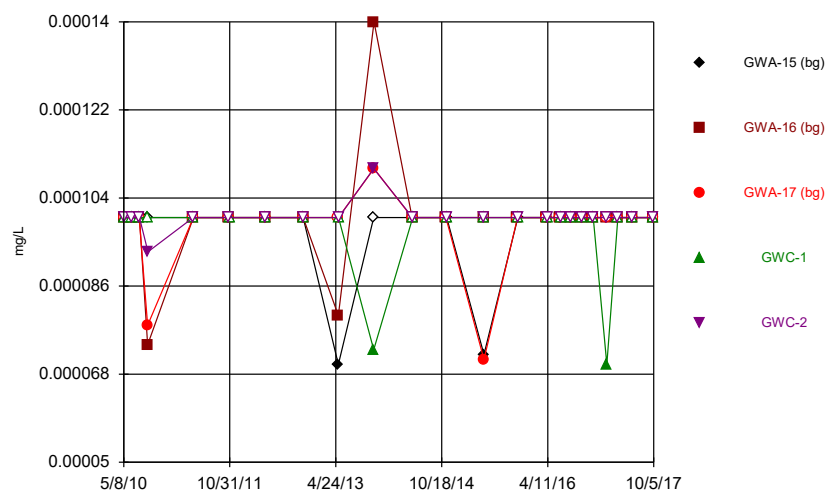
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

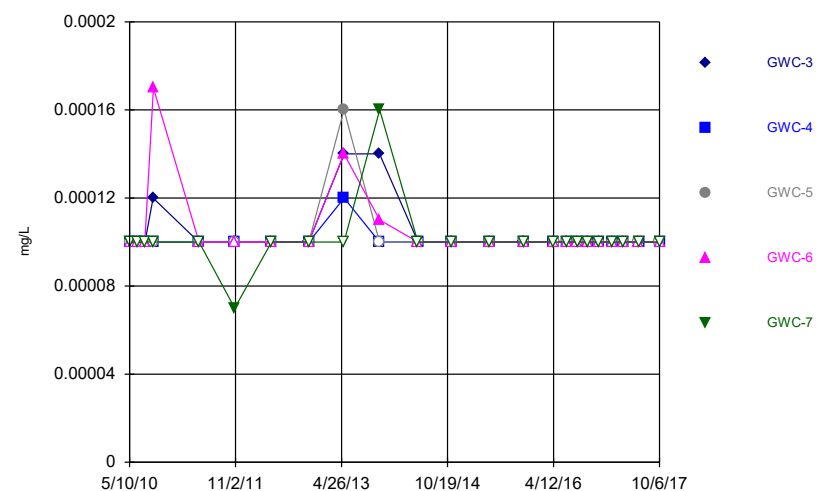


Constituent: Lead, Total Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

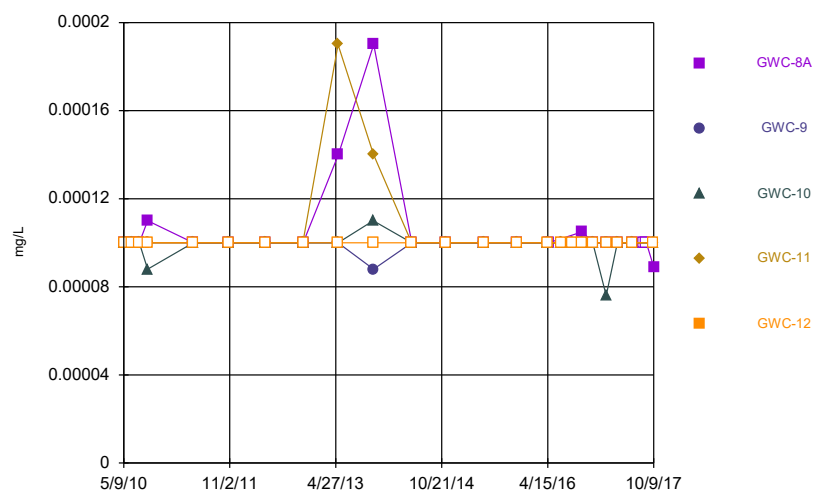
Time Series



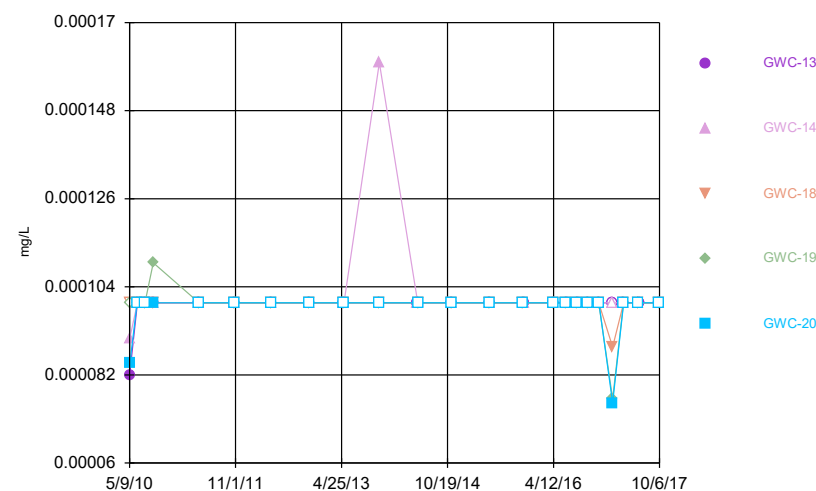
Time Series



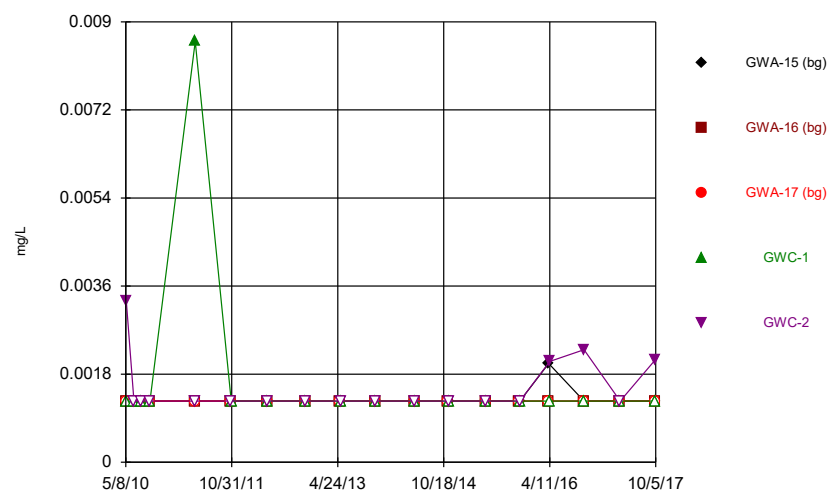
Time Series



Time Series

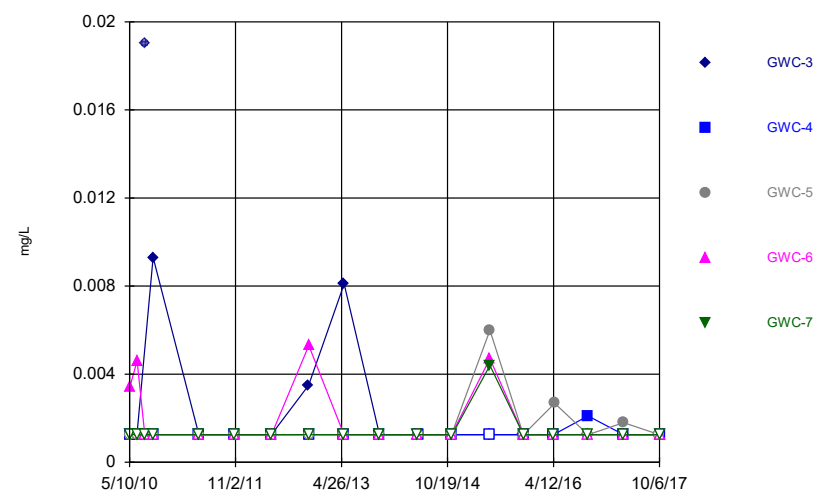


Time Series



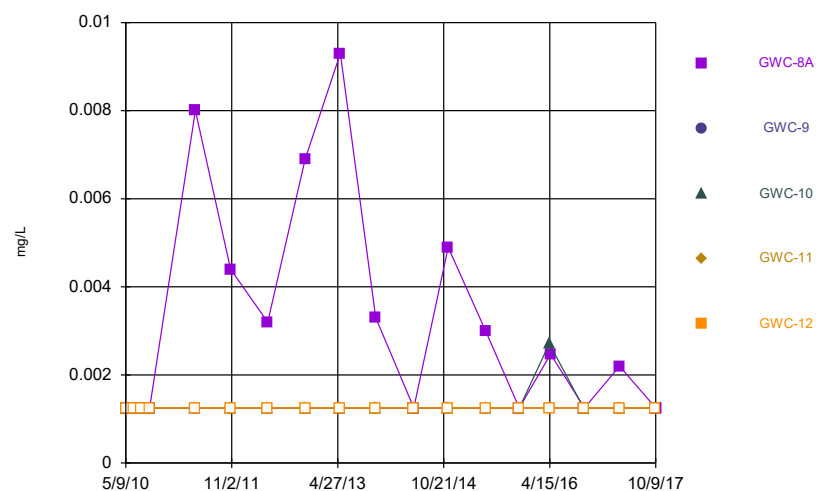
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



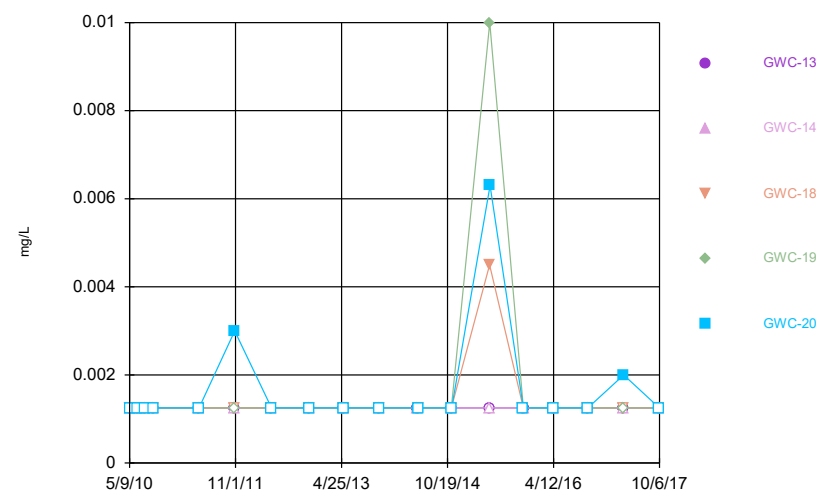
Constituent: Nickel Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



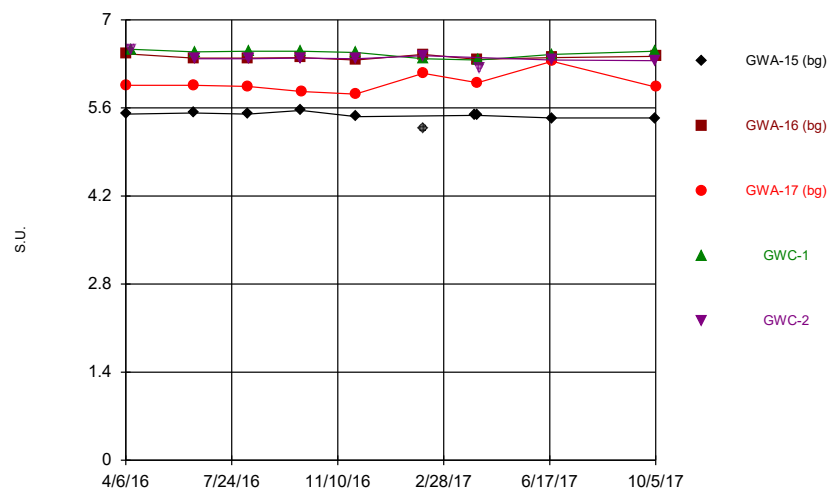
Constituent: Nickel Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



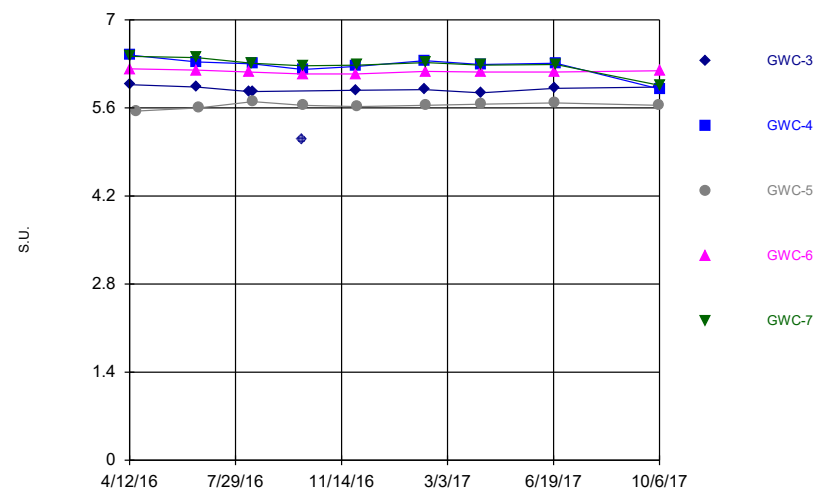
Constituent: Nickel Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



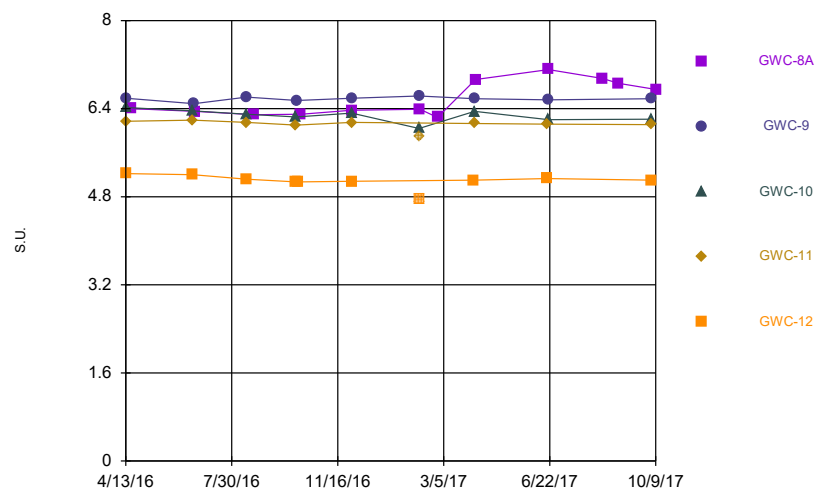
Constituent: pH Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



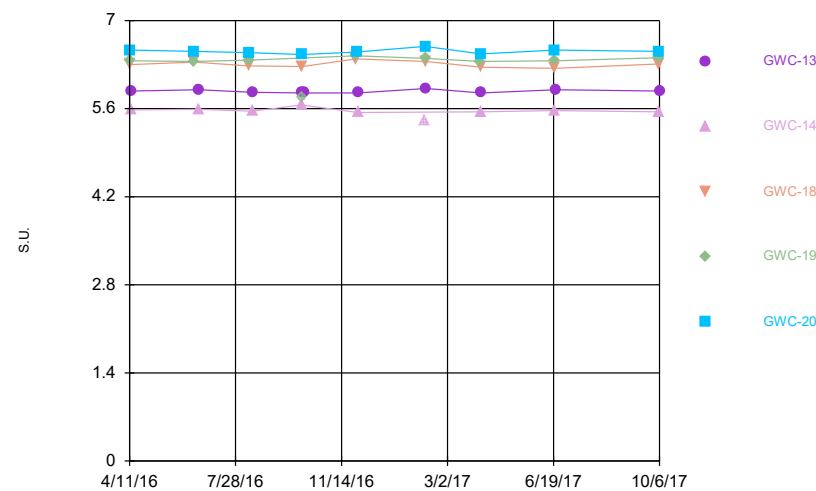
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



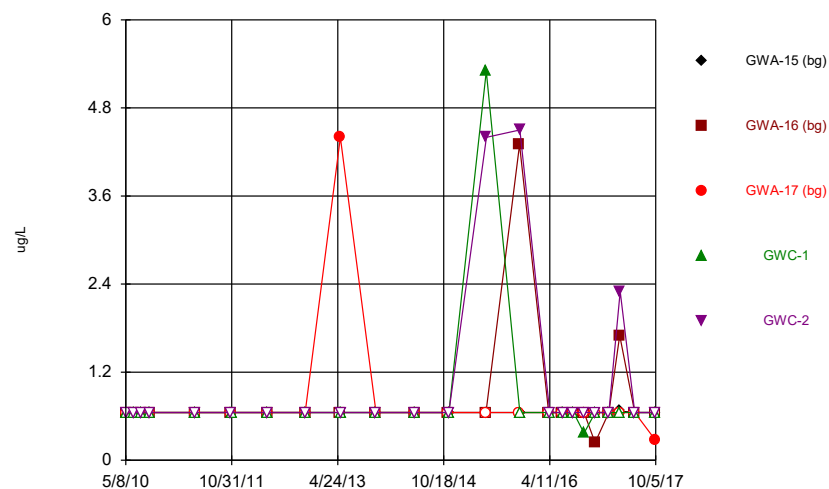
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



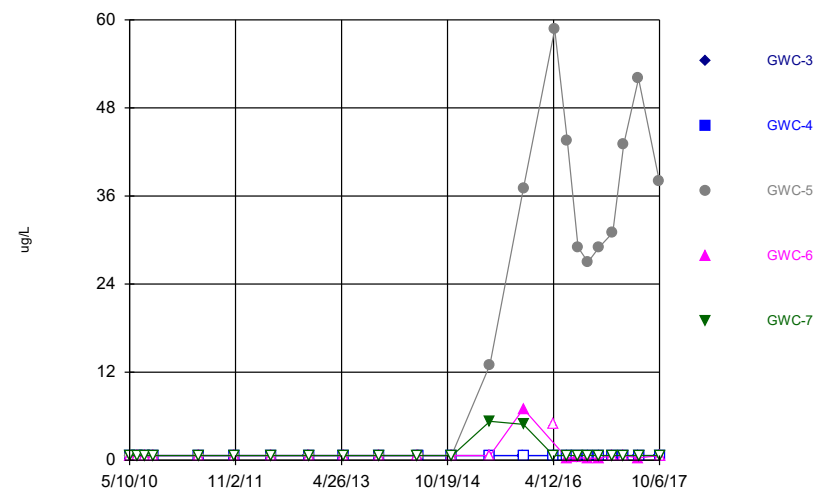
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



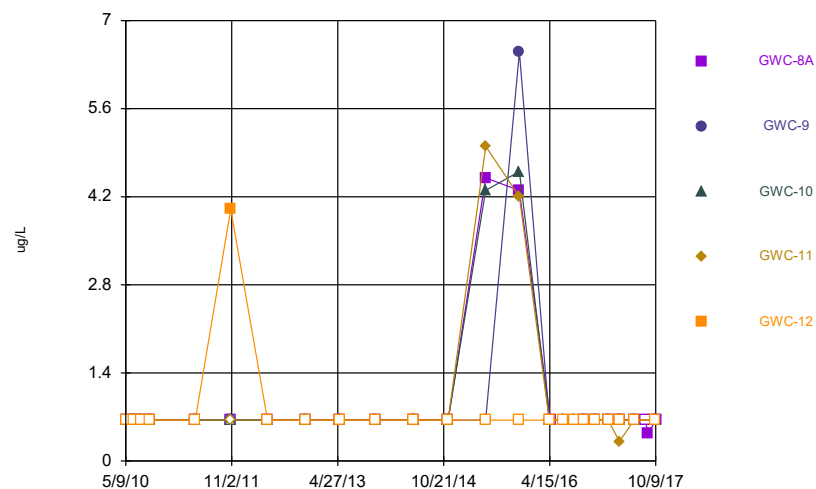
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



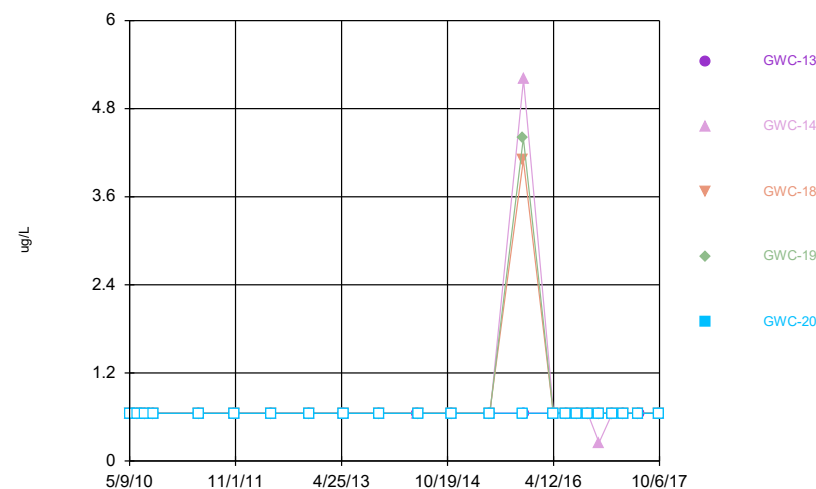
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



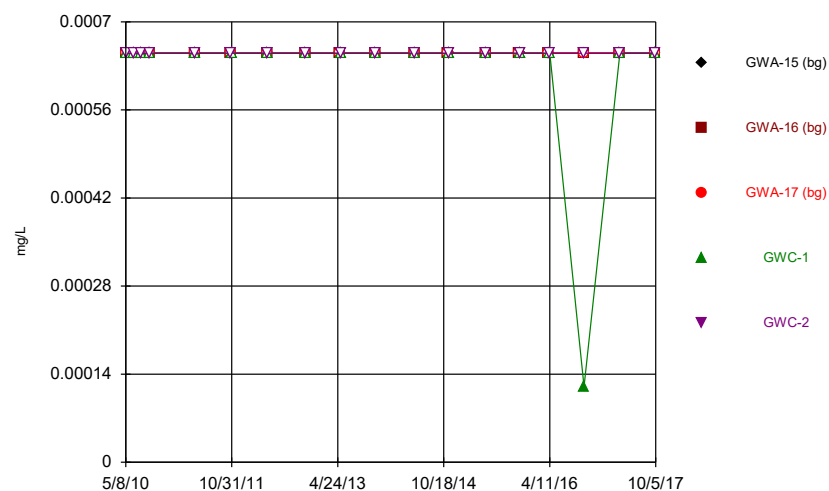
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

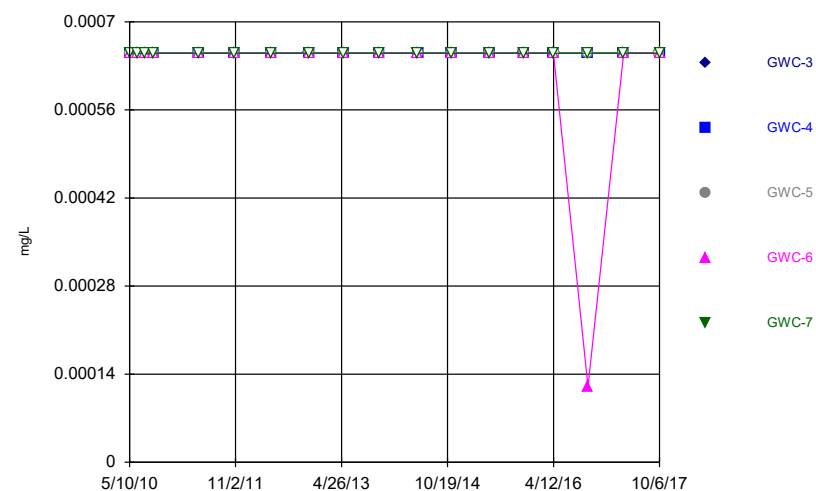


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

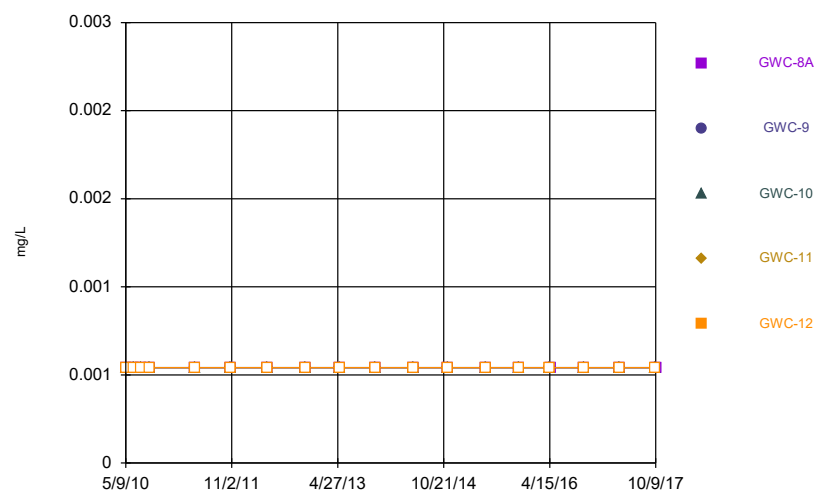
Time Series



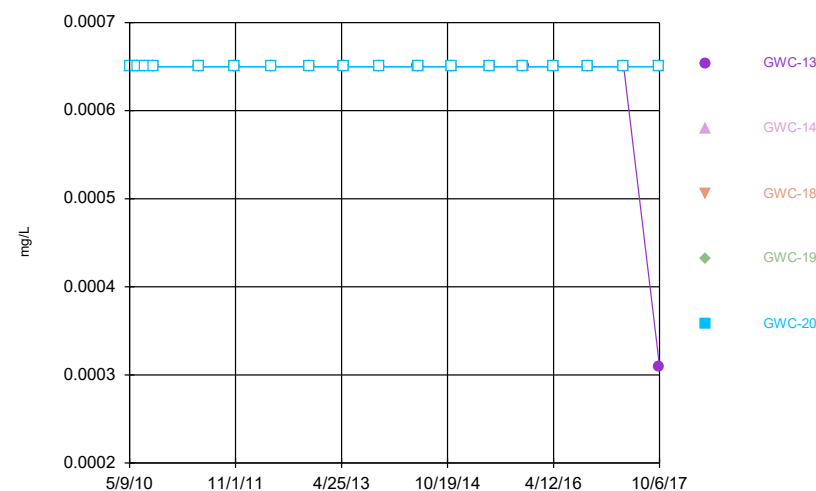
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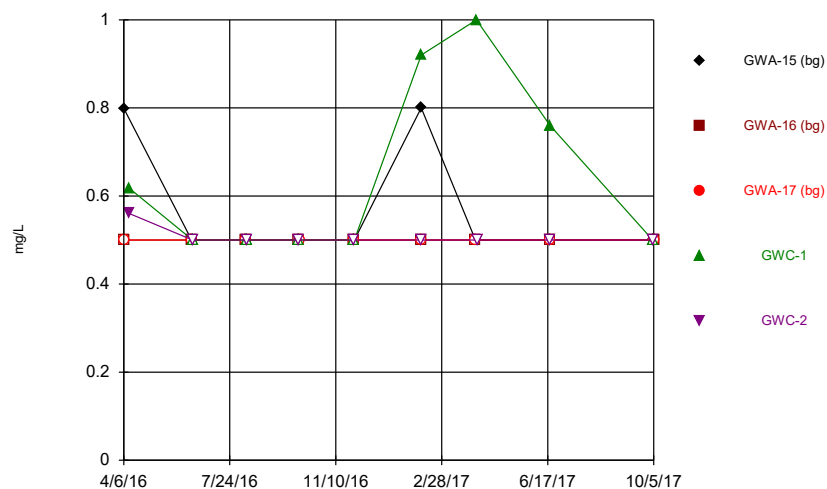
Time Series



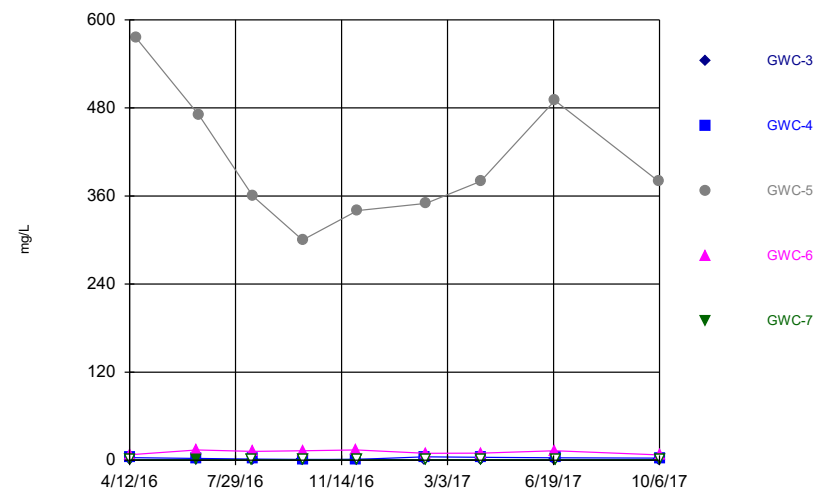
Time Series



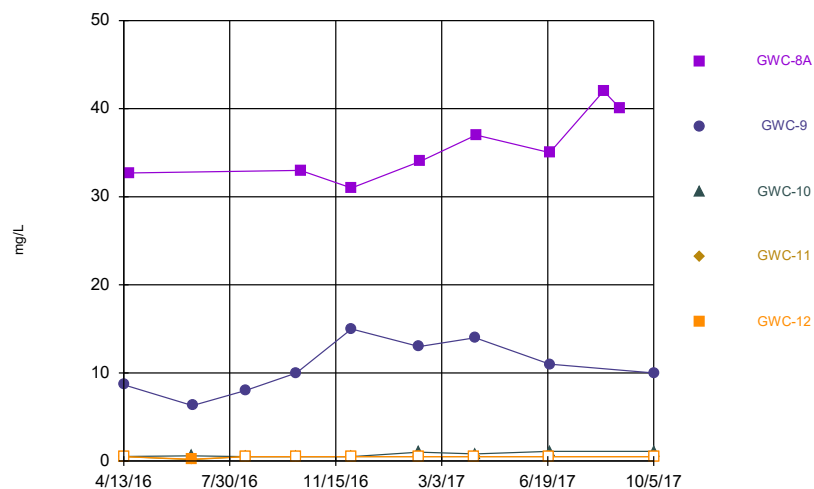
Time Series



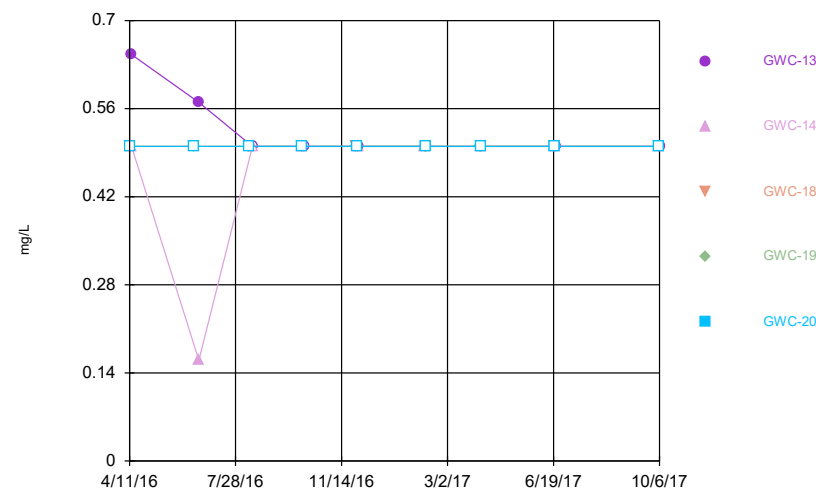
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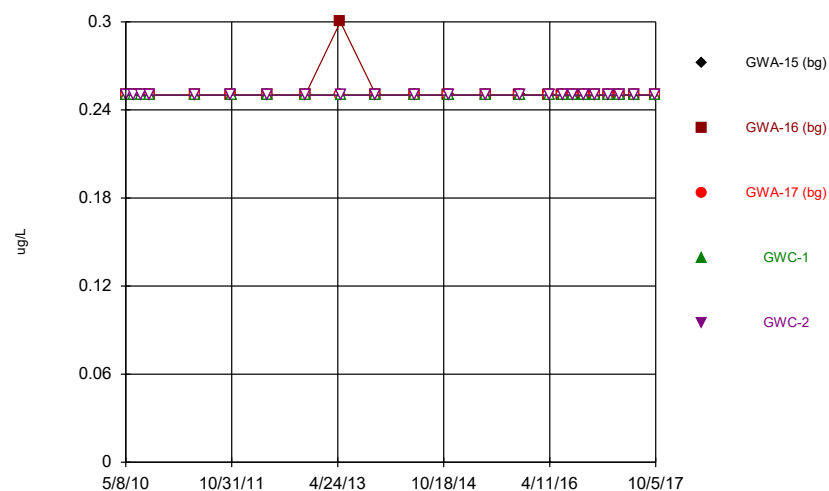
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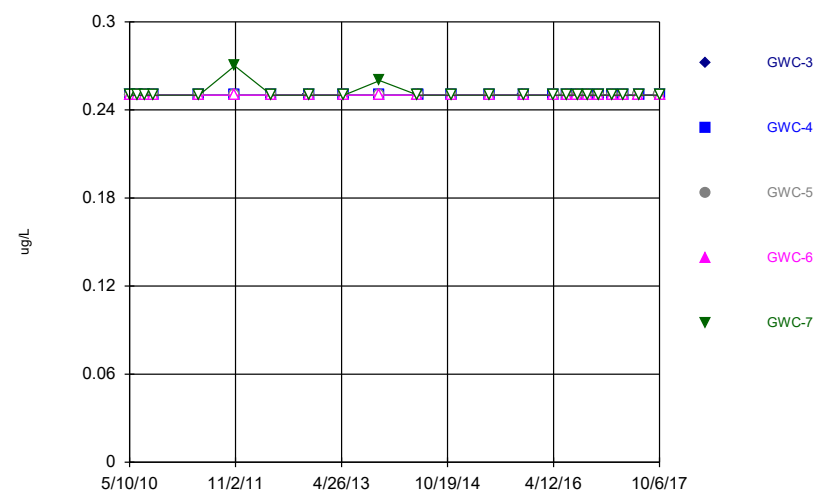
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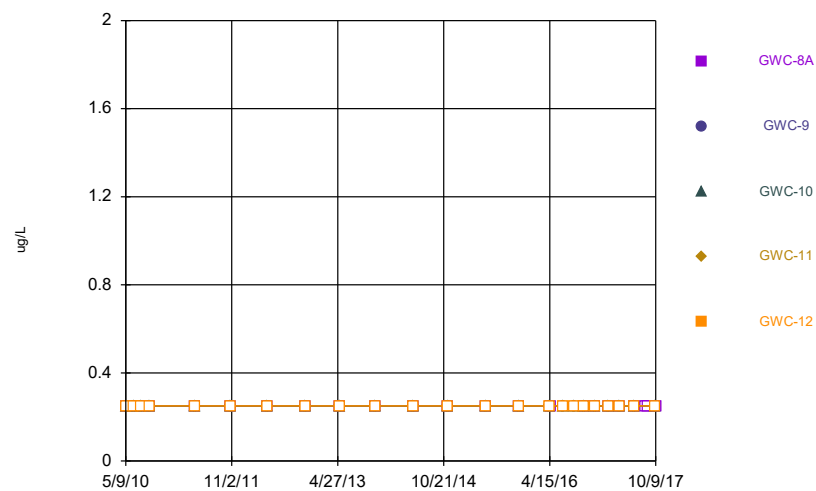
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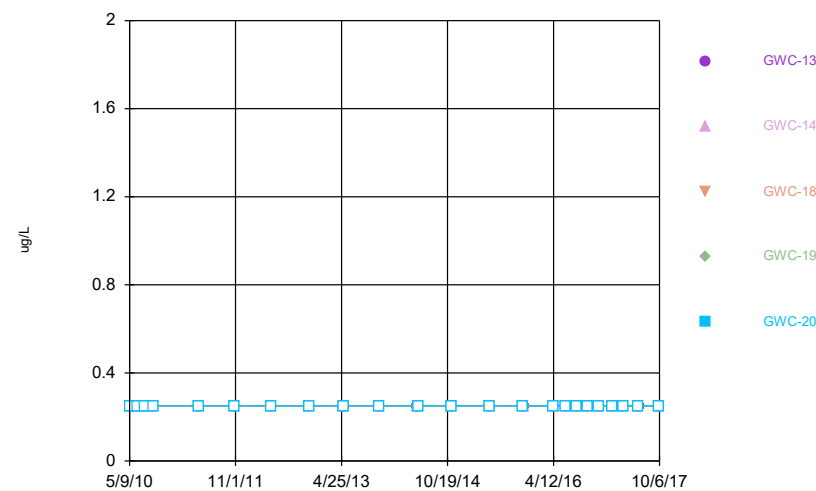
Time Series



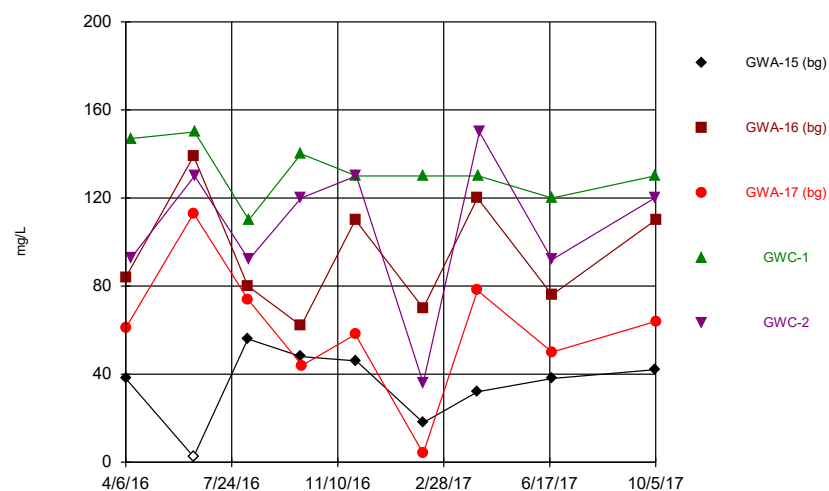
Time Series



Time Series

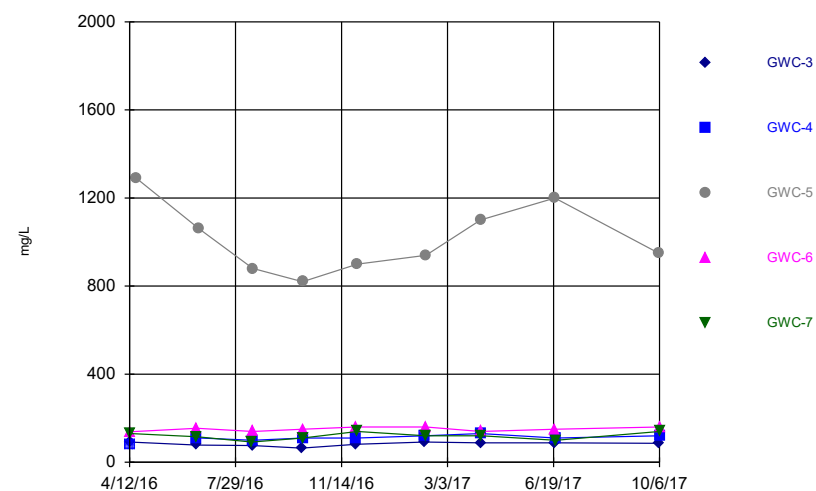


Time Series



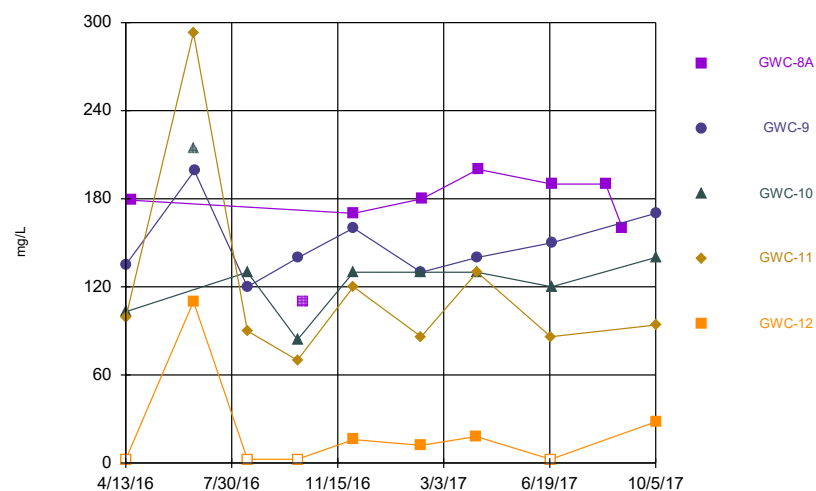
Constituent: Total Dissolved Solids Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



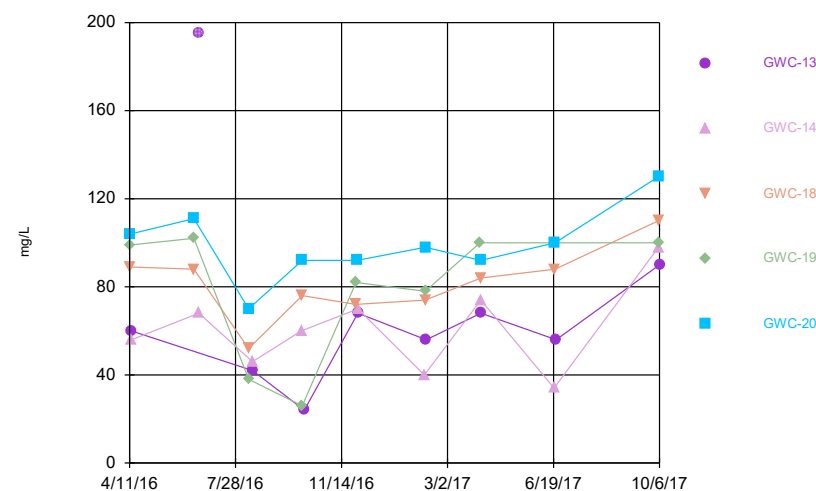
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



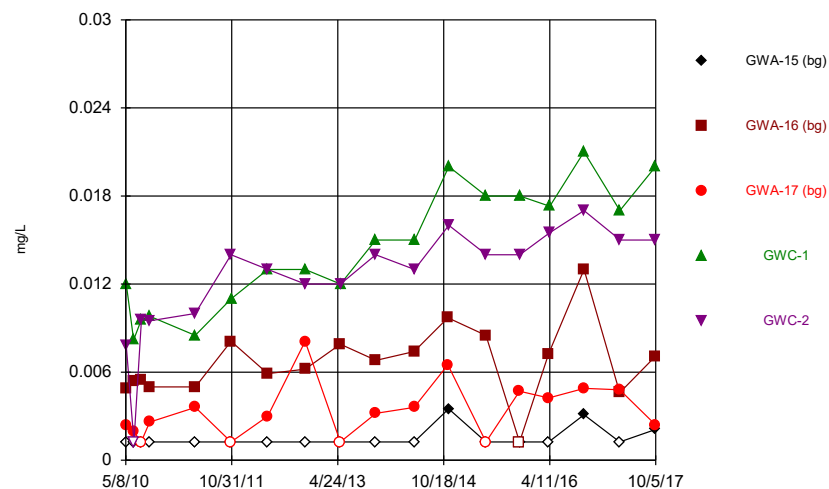
Constituent: Total Dissolved Solids Analysis Run 3/19/2018 8:27 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



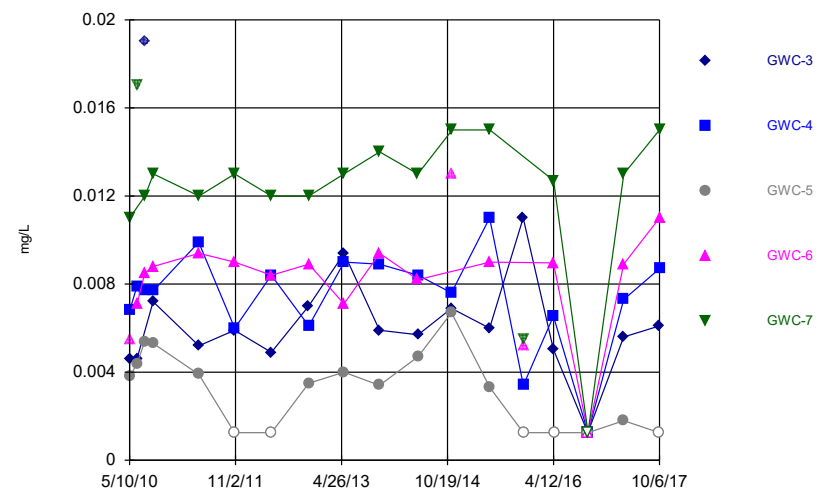
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



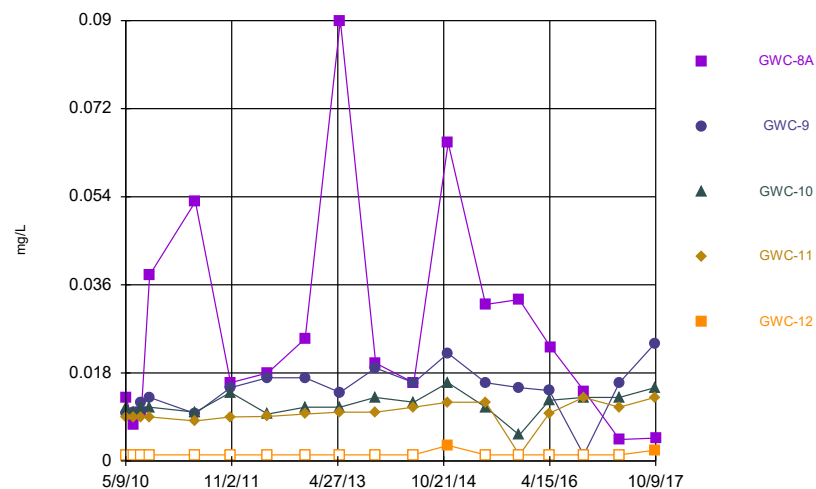
Constituent: Vanadium Analysis Run 3/19/2018 8:27 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



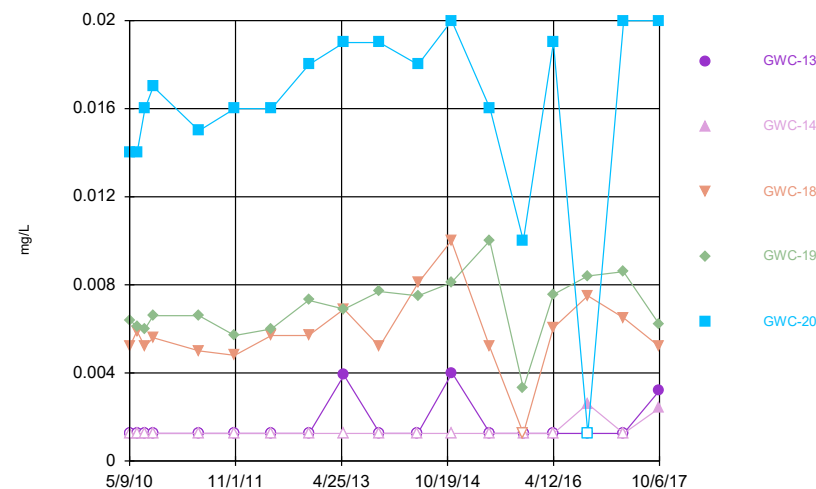
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

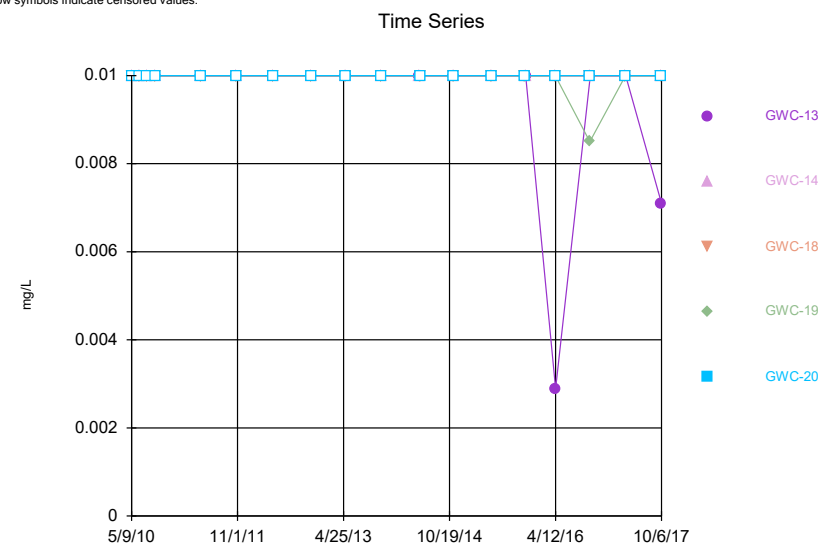
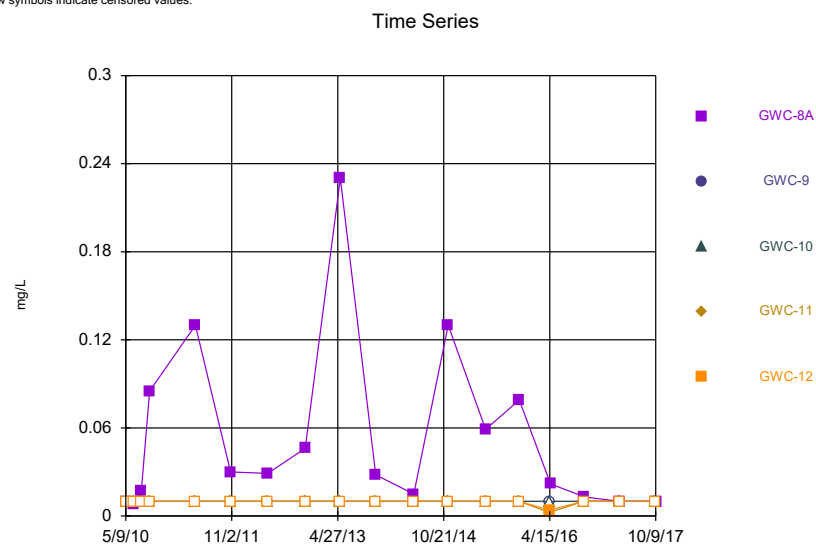
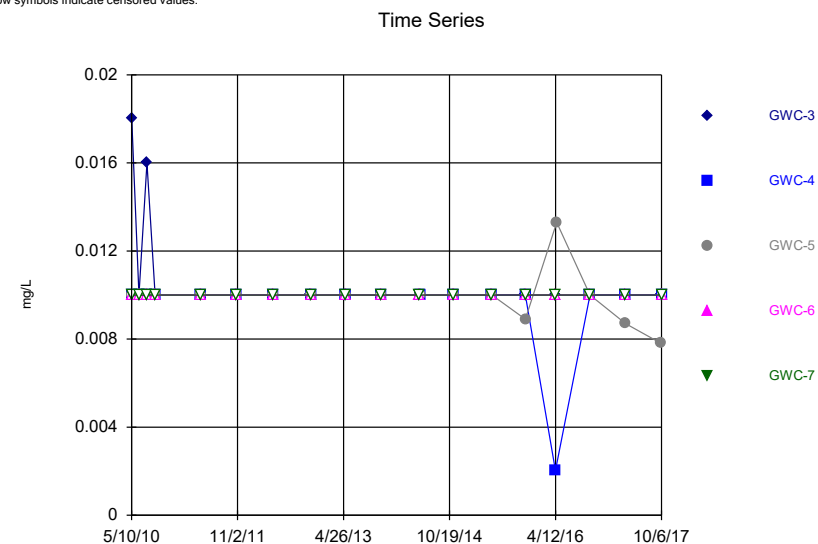
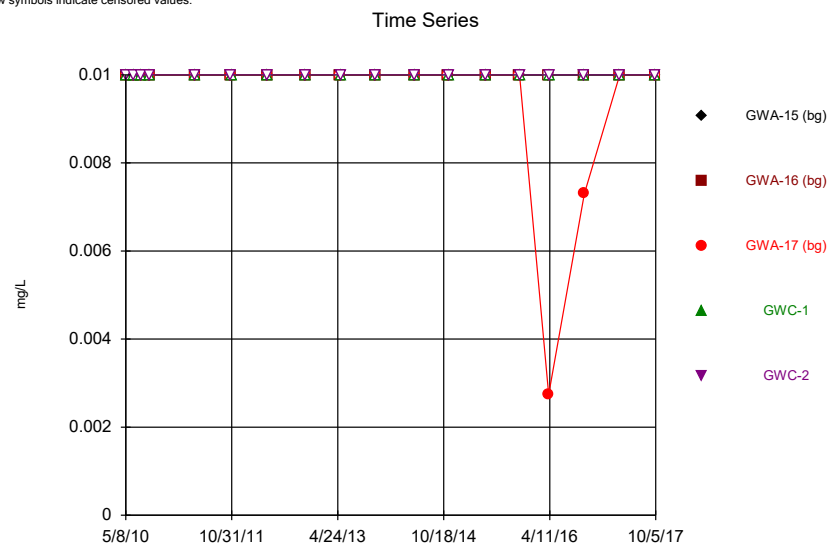


Constituent: Vanadium Analysis Run 3/19/2018 8:27 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

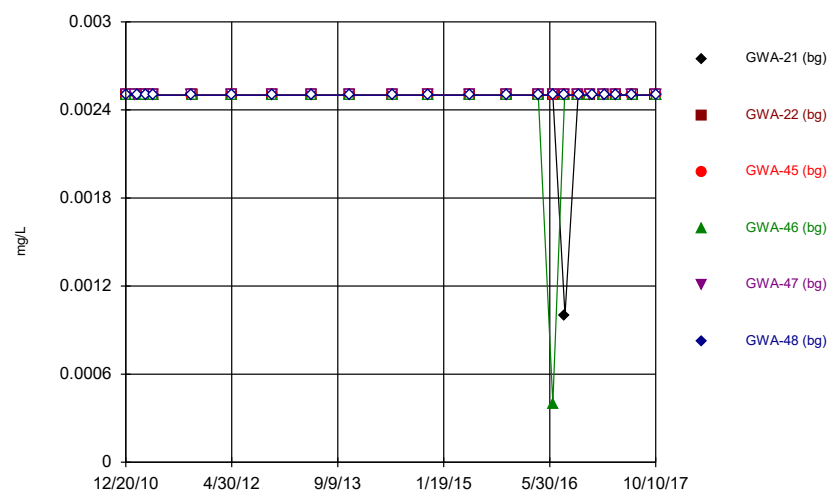
Time Series



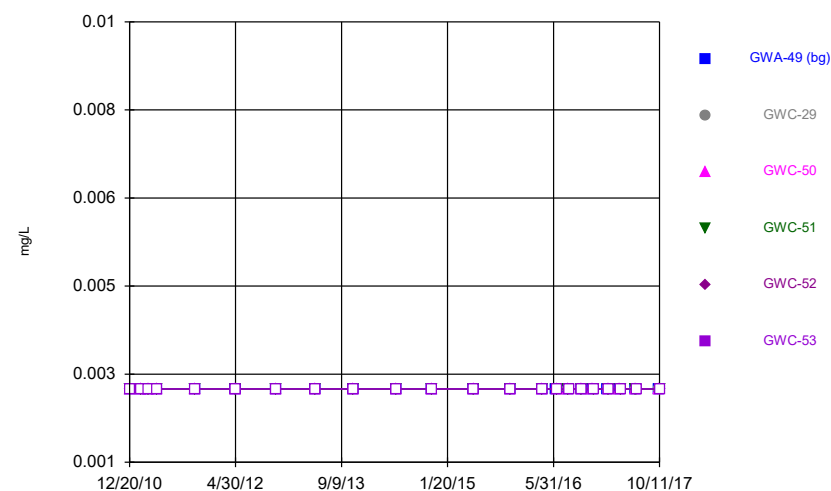
Constituent: Vanadium Analysis Run 3/19/2018 8:27 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



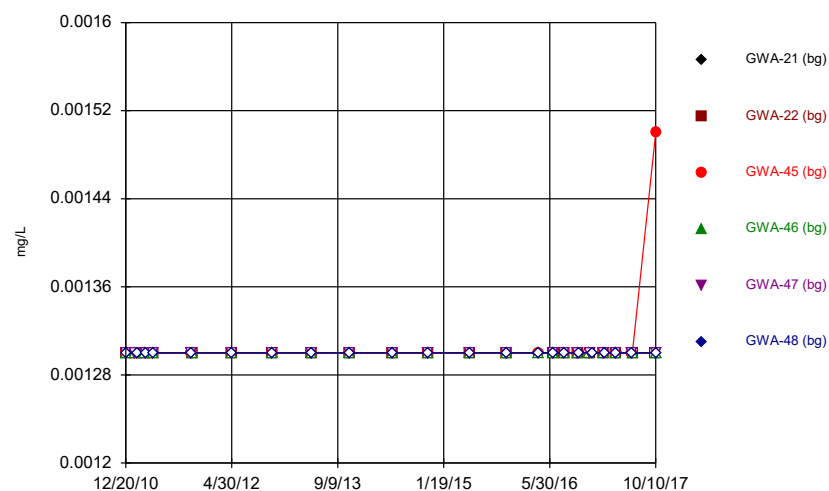
Time Series



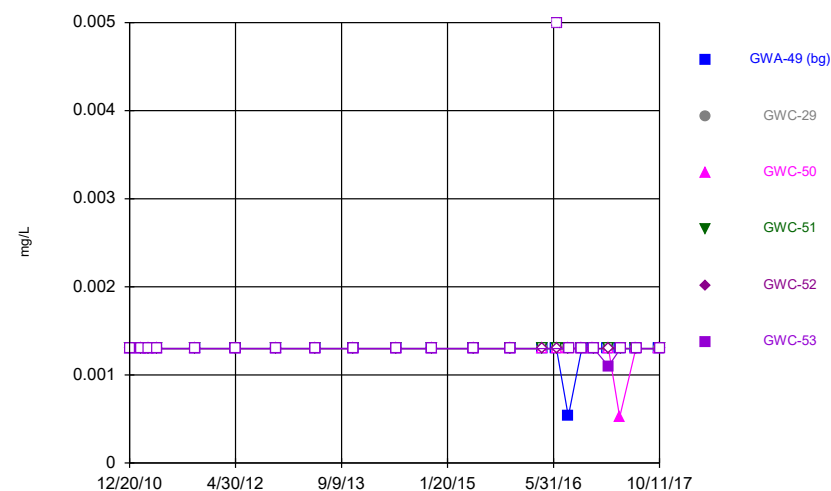
Time Series

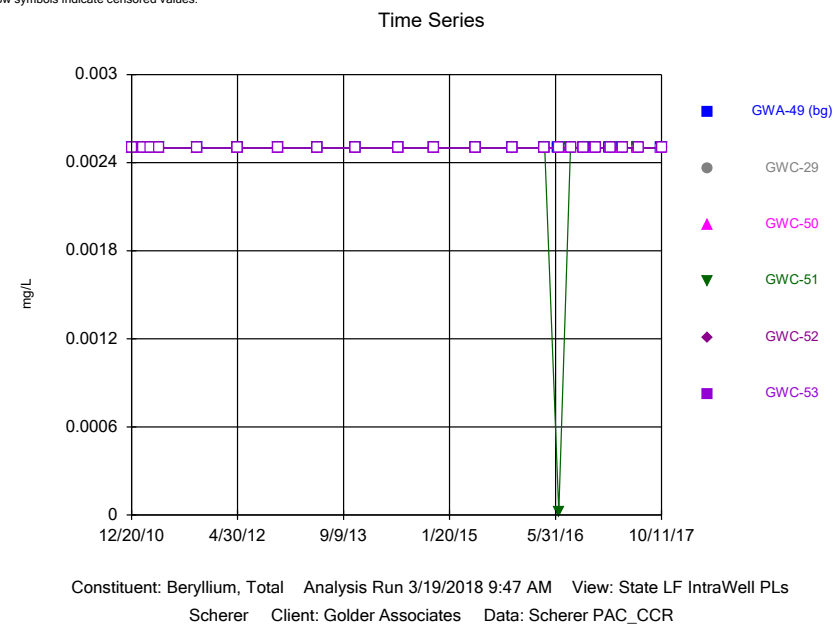
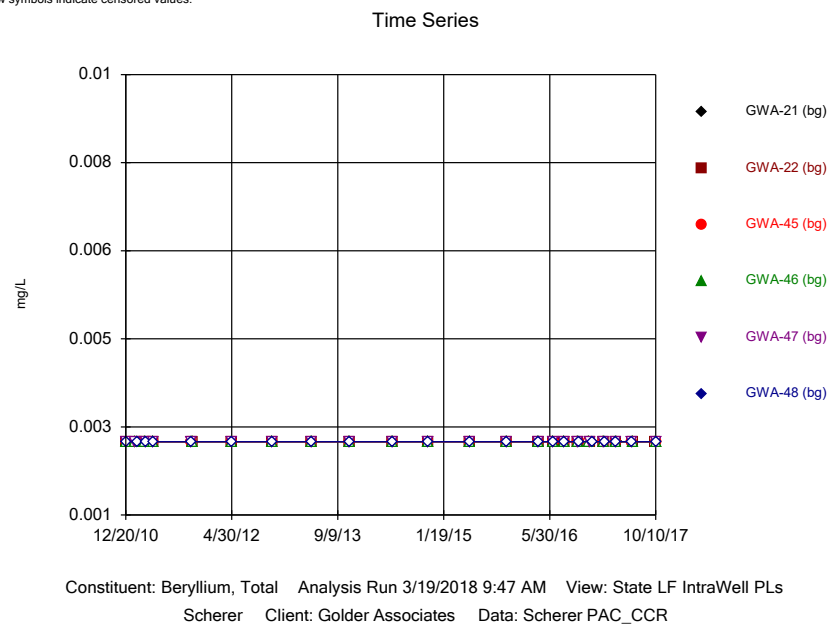
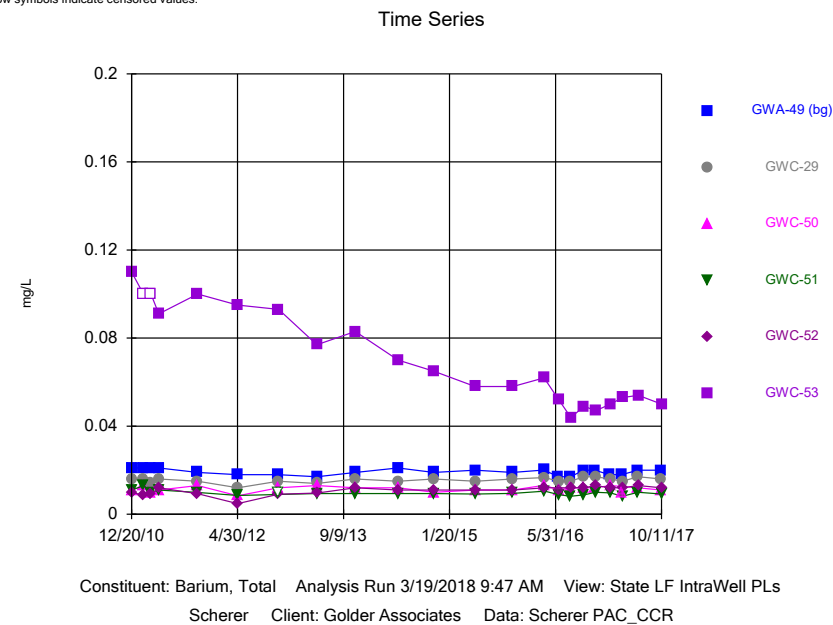
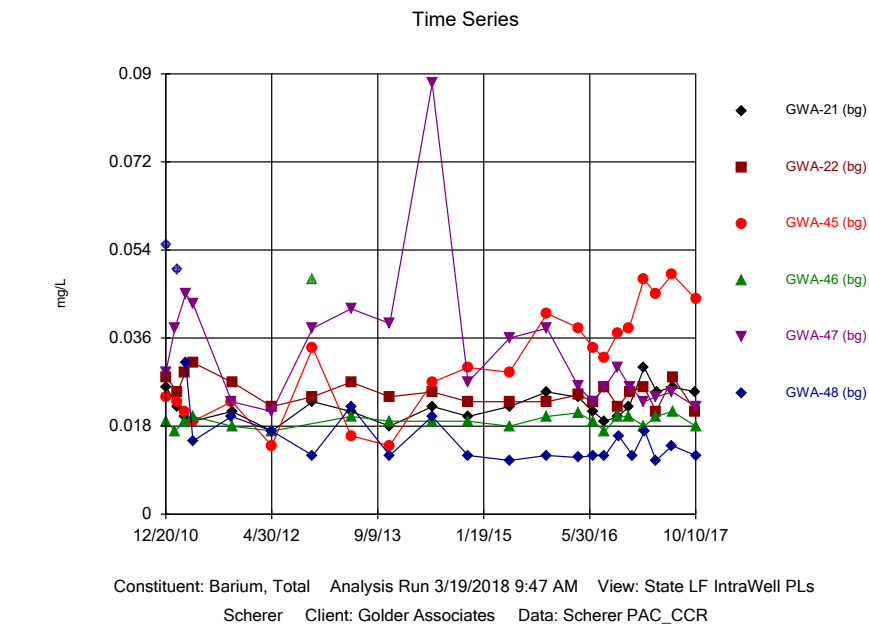


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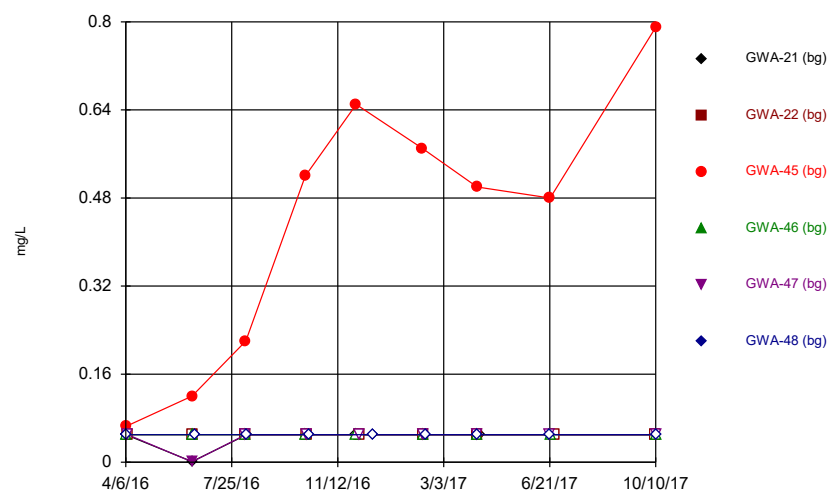


Time Series



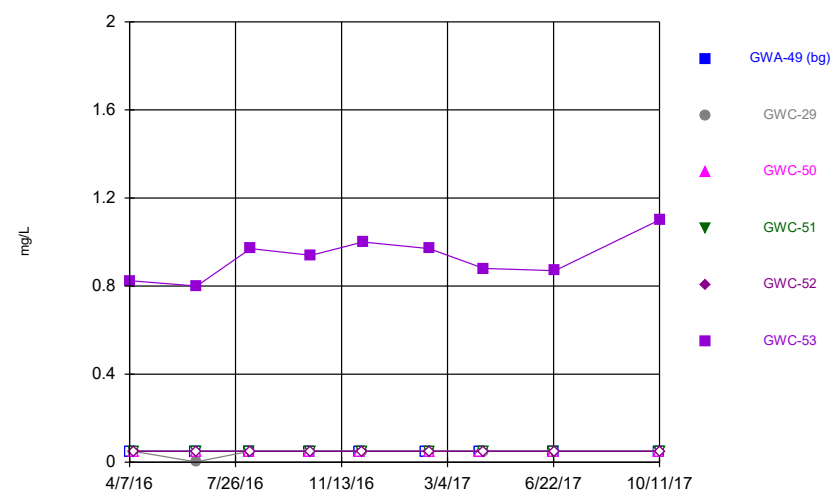


Time Series



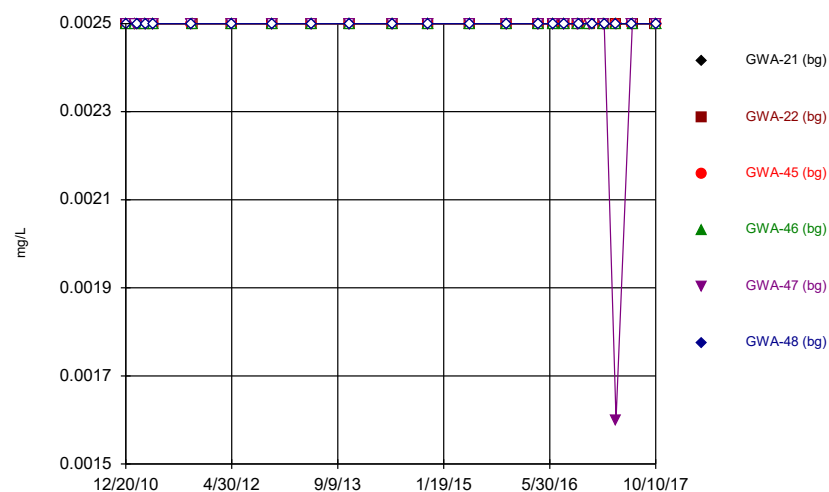
Constituent: Boron Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



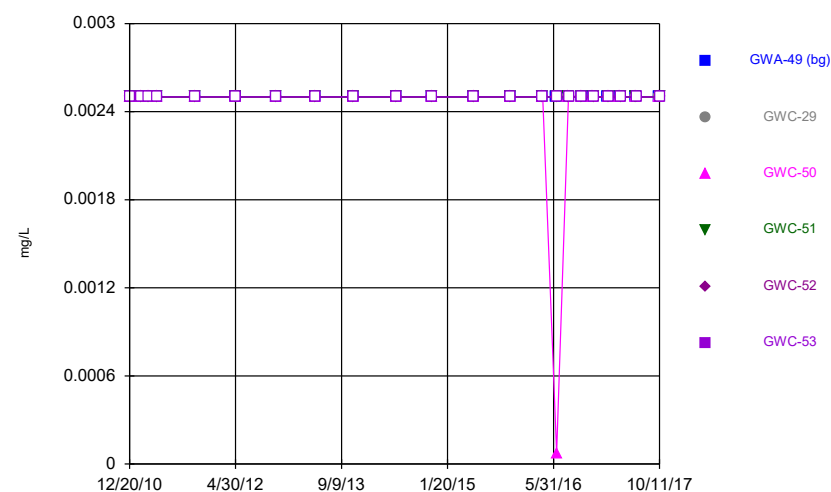
Constituent: Boron Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



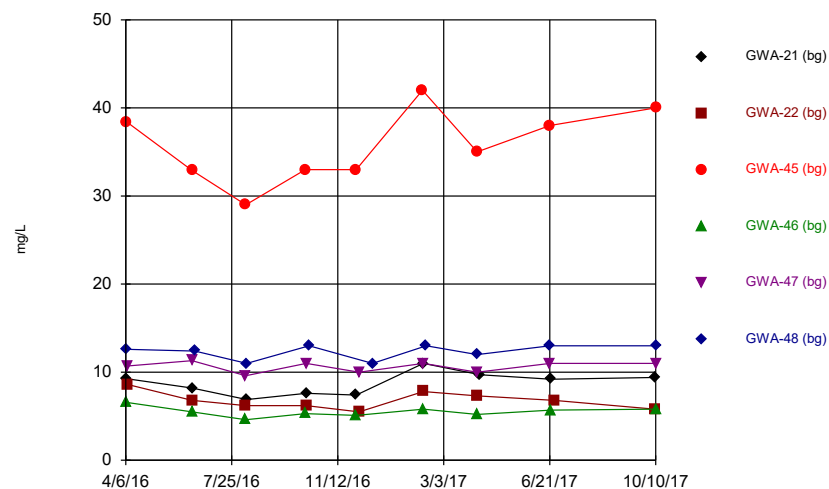
Constituent: Cadmium, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series

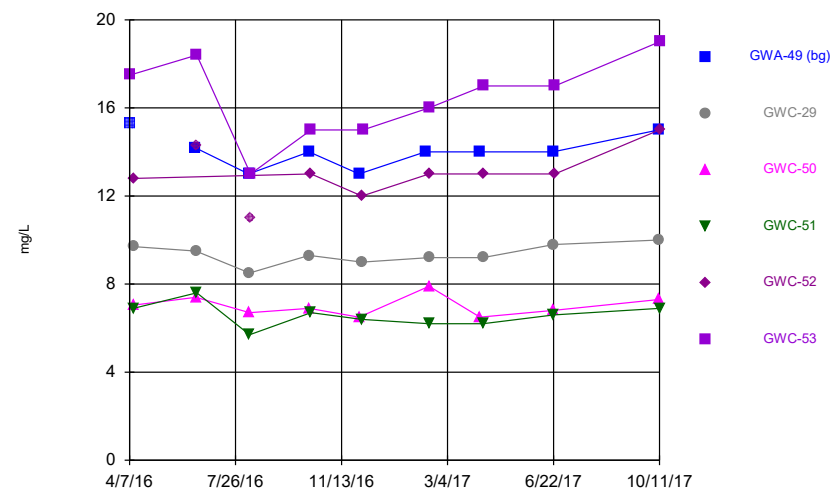


Constituent: Cadmium, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

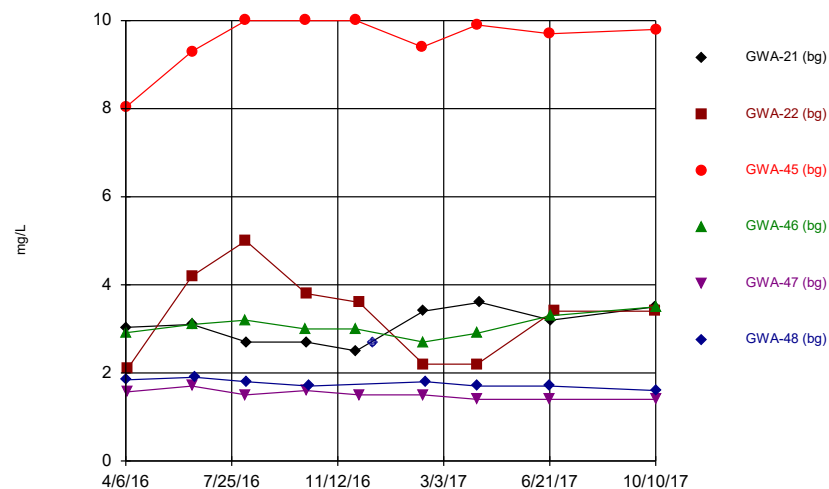
Time Series



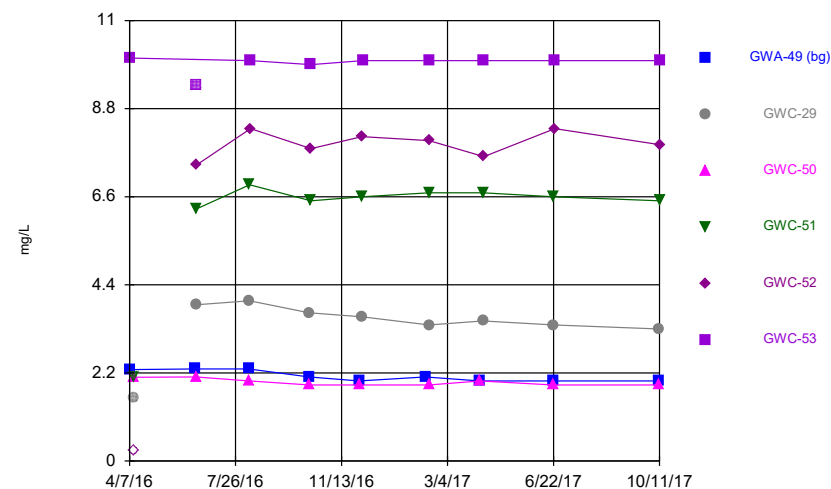
Time Series



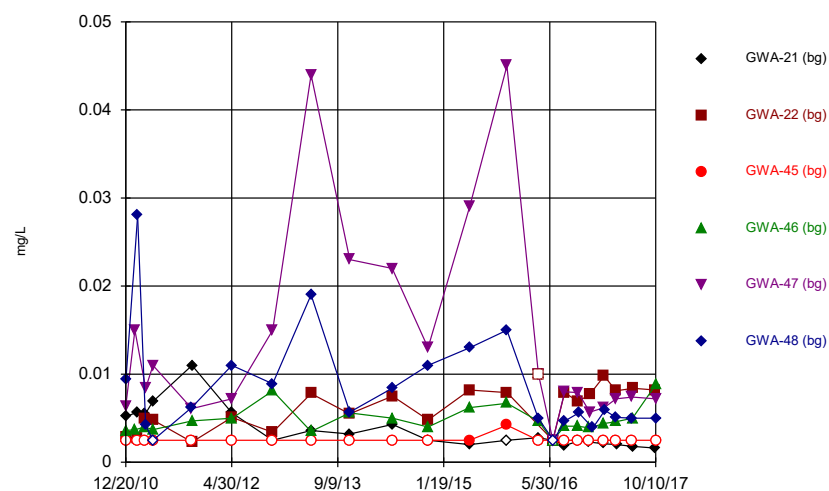
Time Series



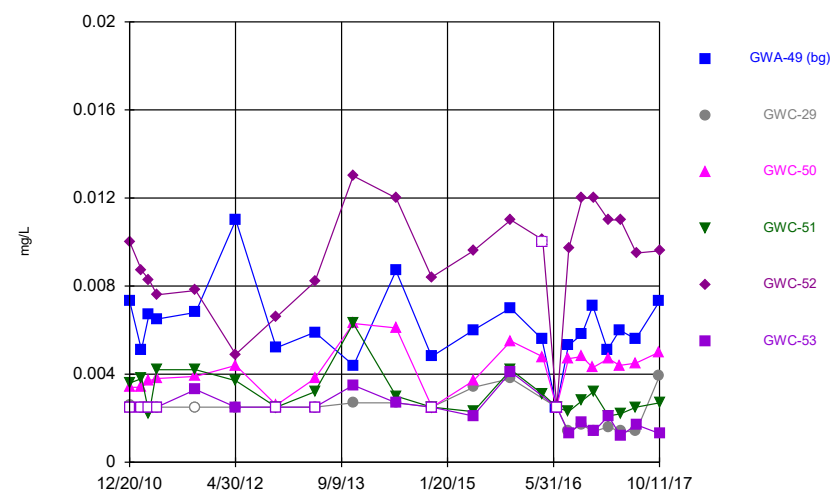
Time Series



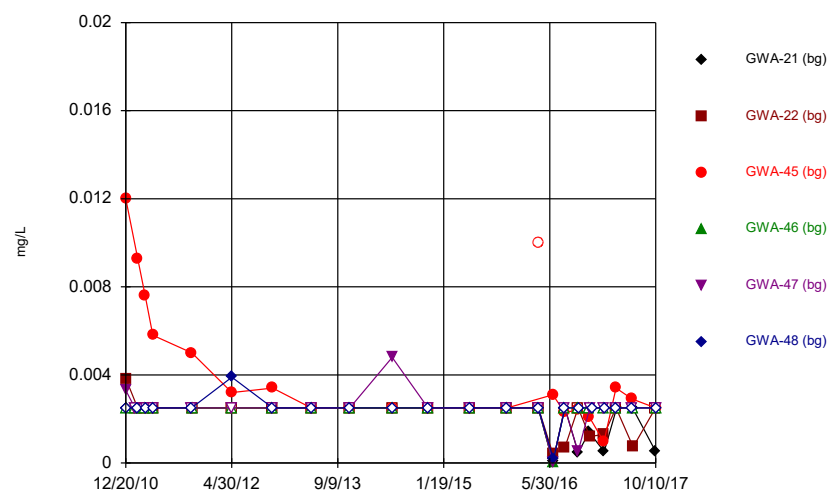
Time Series



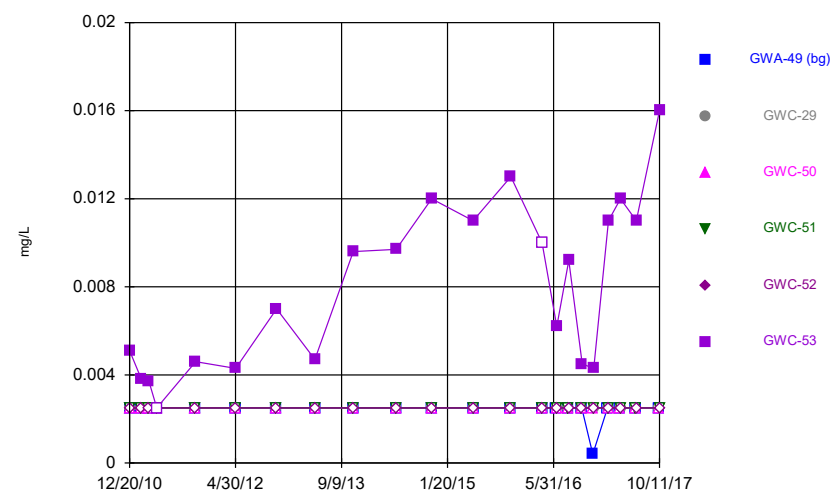
Time Series



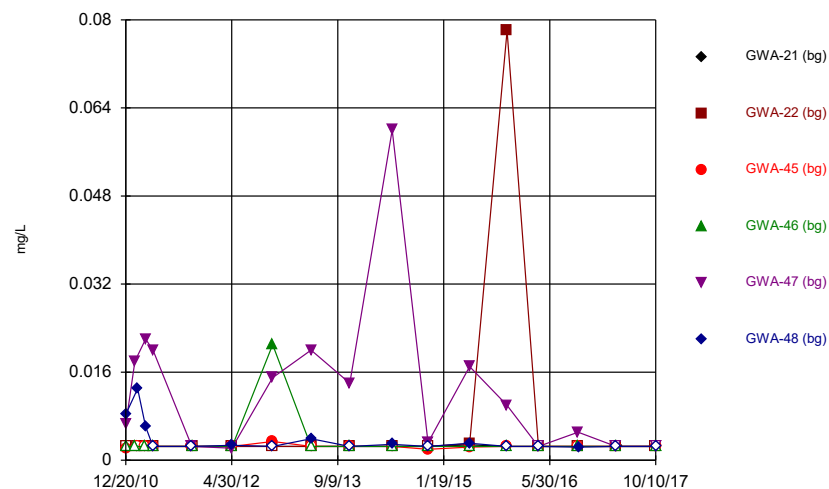
Time Series



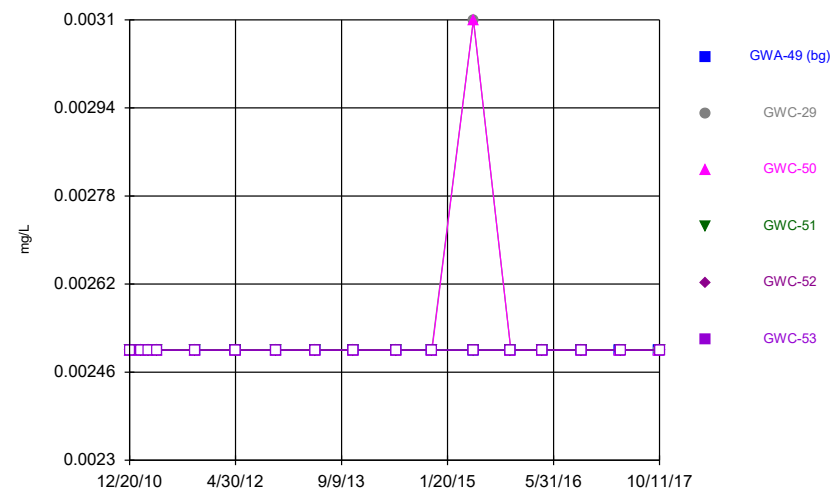
Time Series



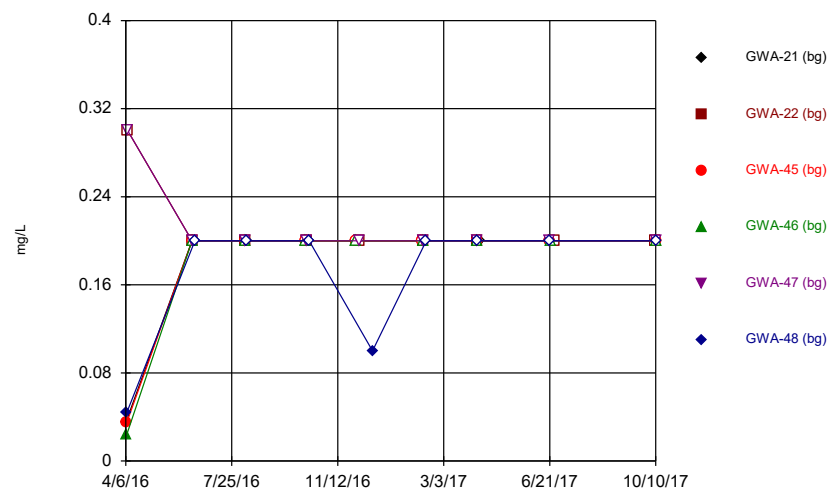
Time Series



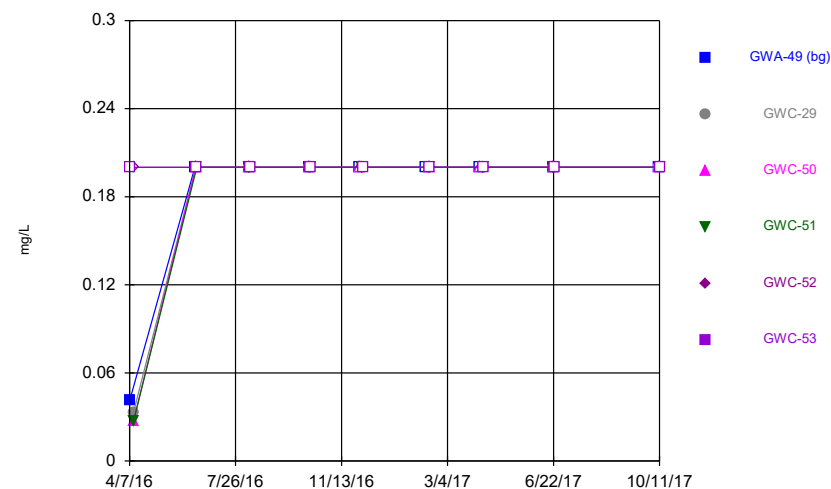
Time Series



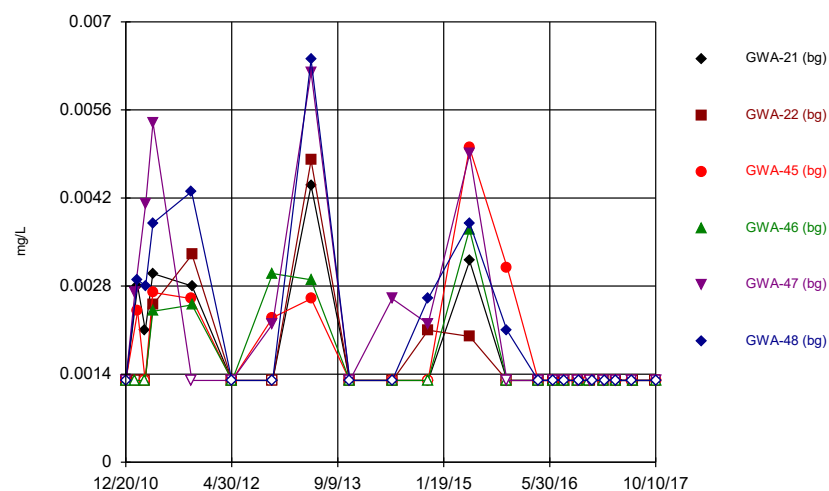
Time Series



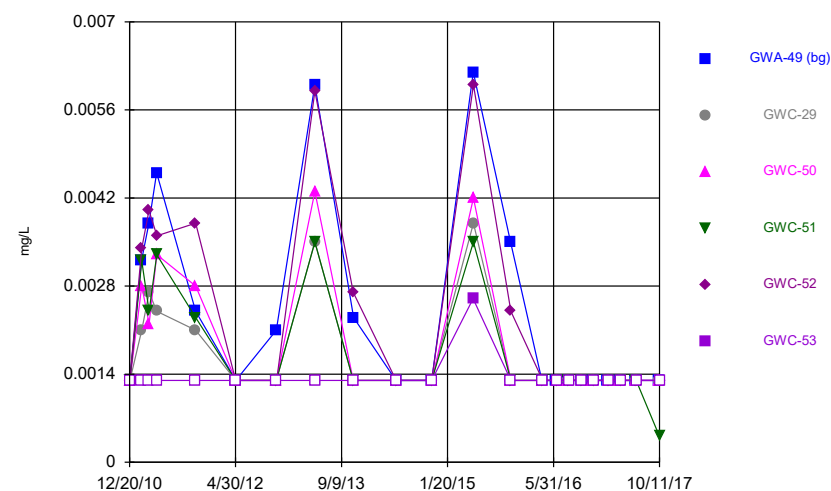
Time Series



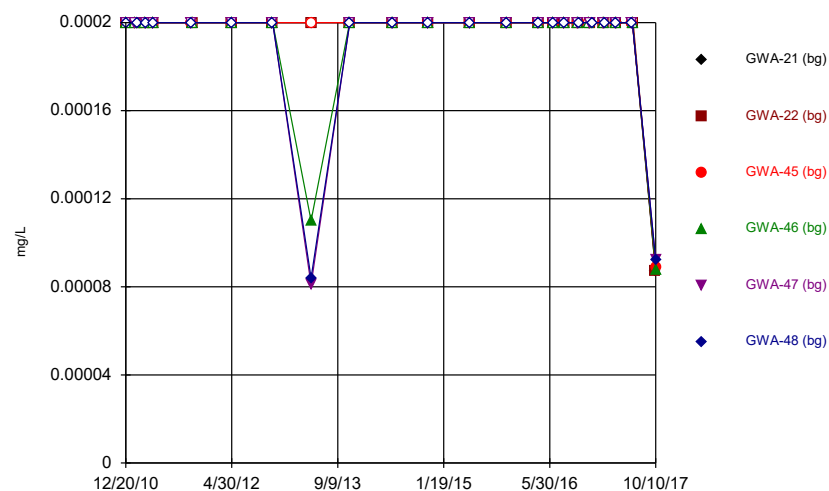
Time Series



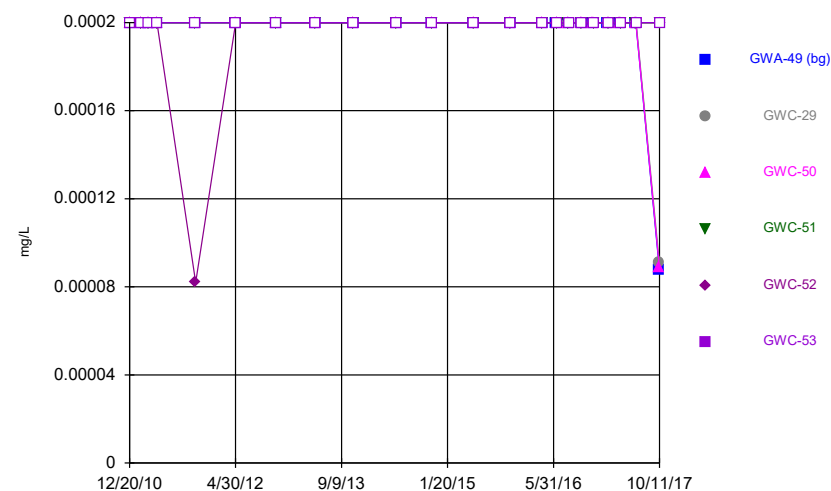
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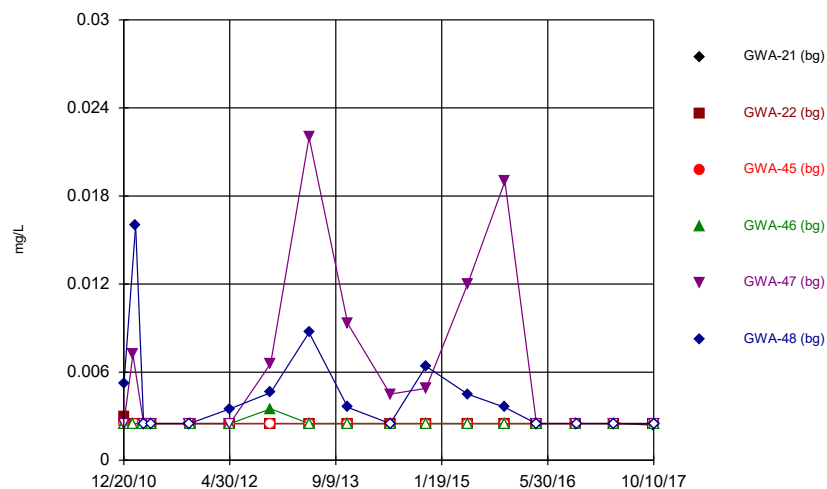
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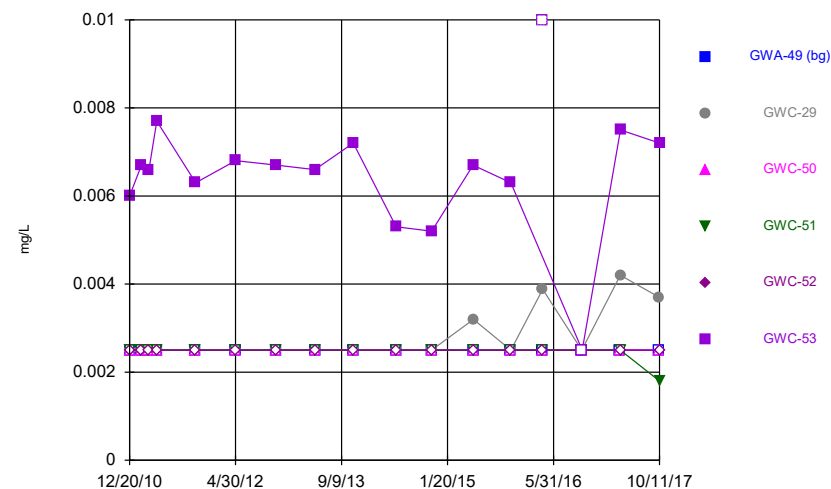
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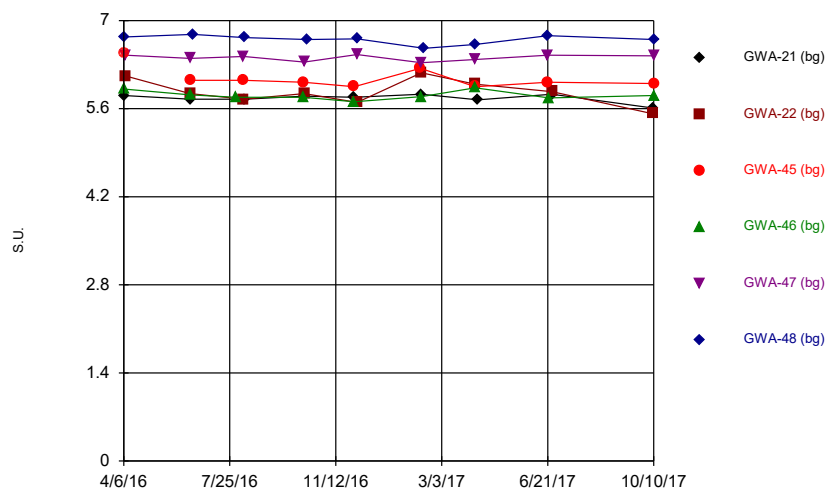
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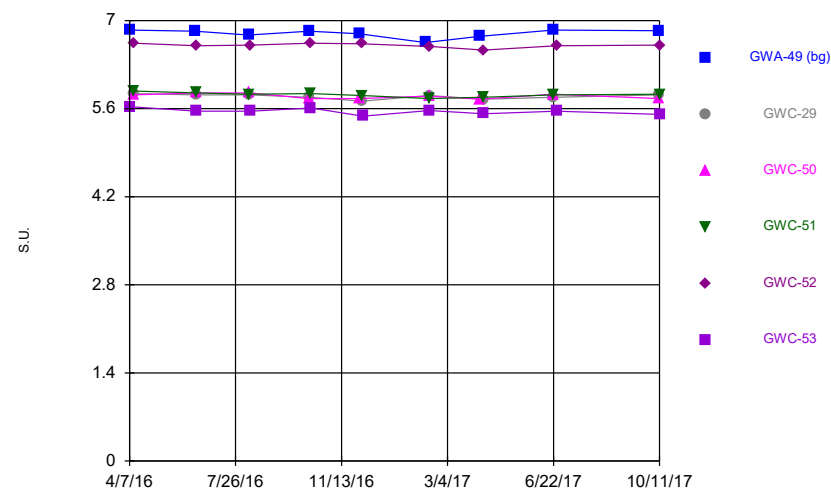
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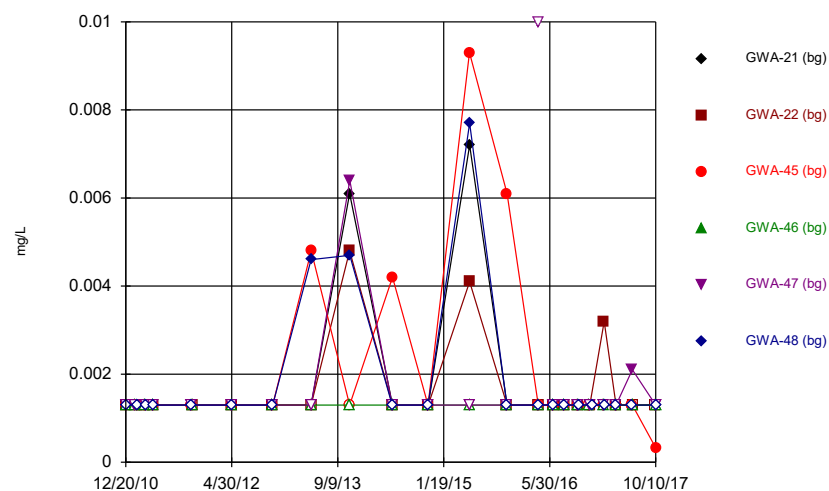
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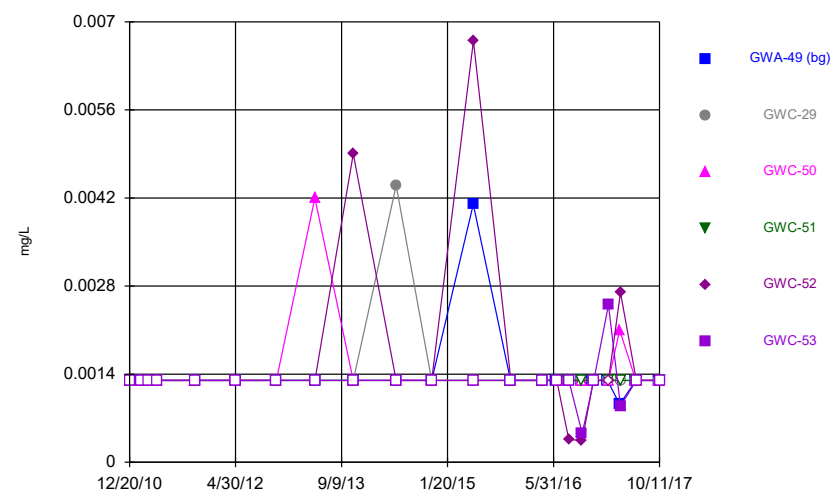
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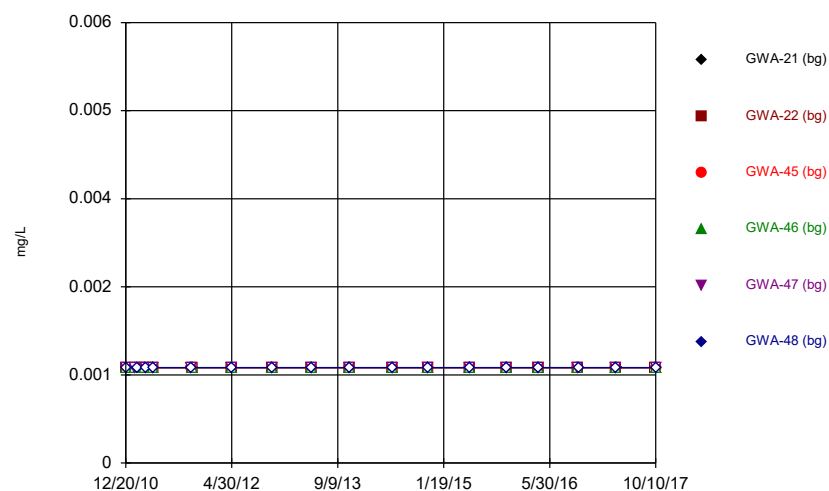
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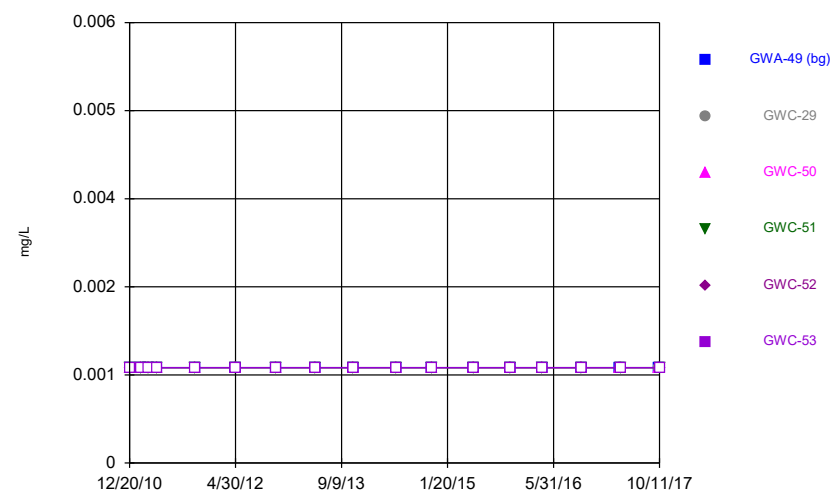
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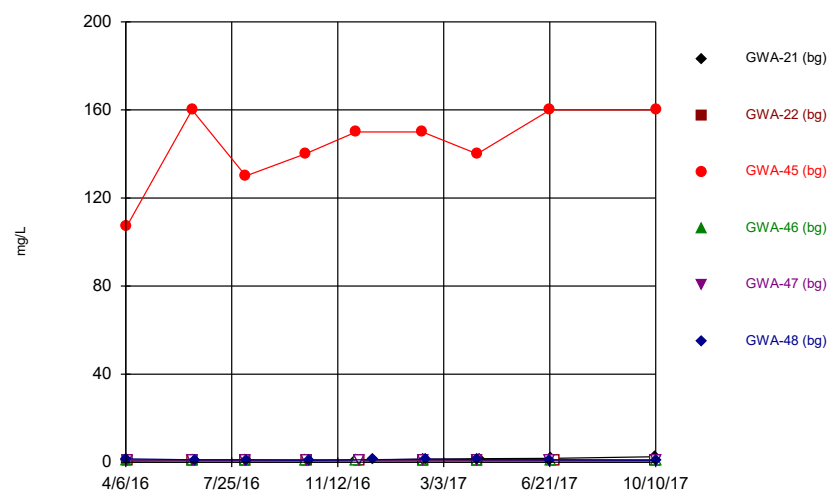
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Time Series

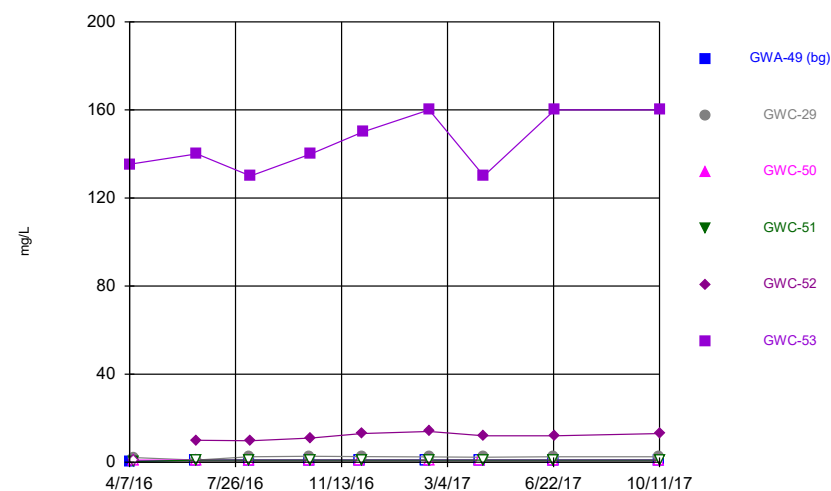


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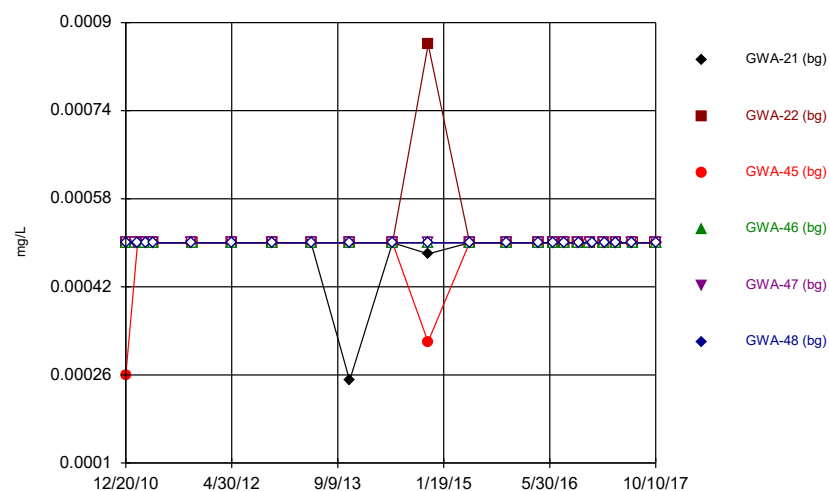
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



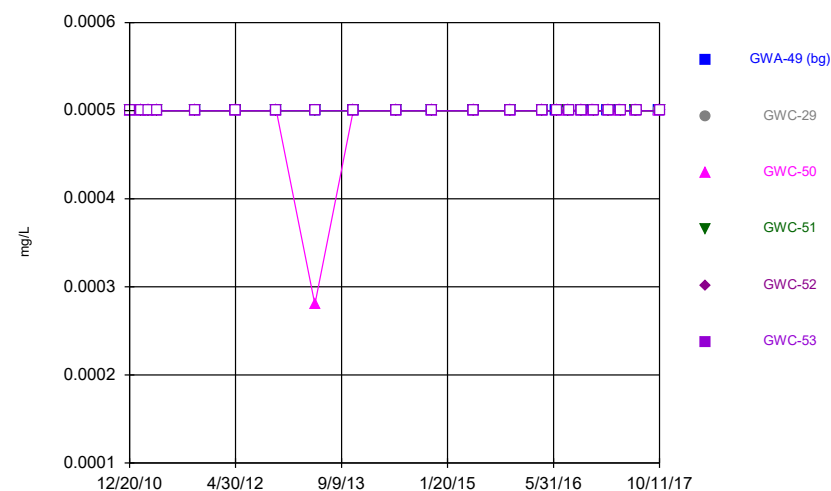
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Time Series



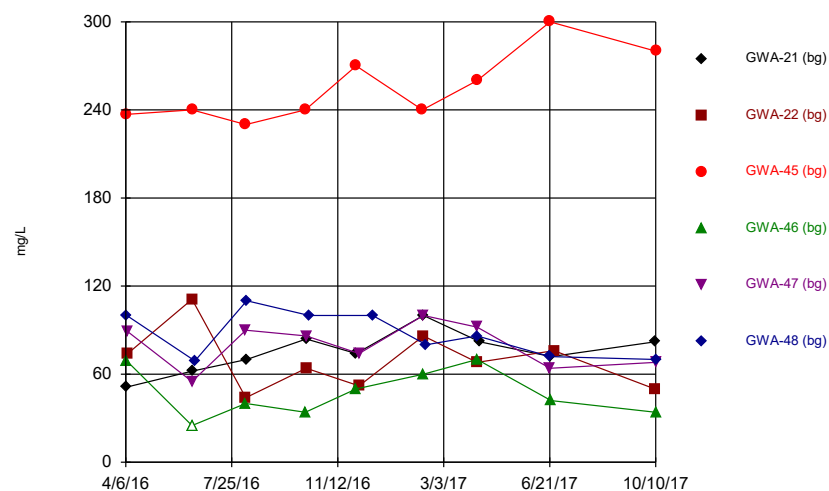
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Time Series



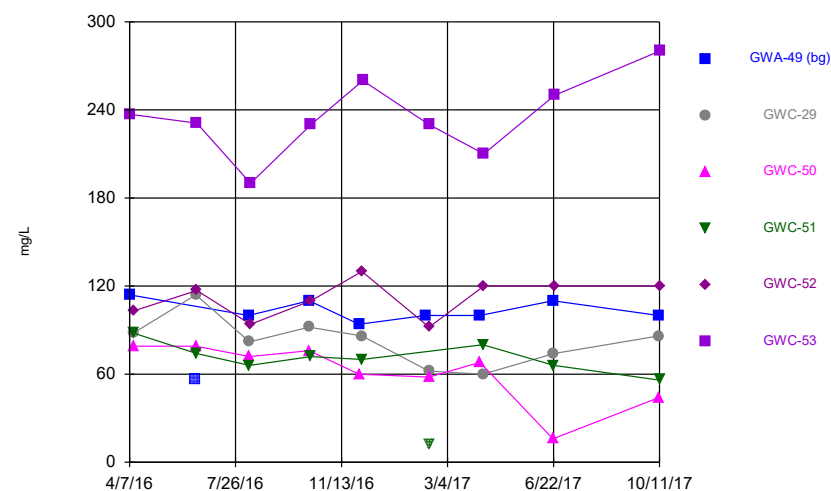
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Time Series



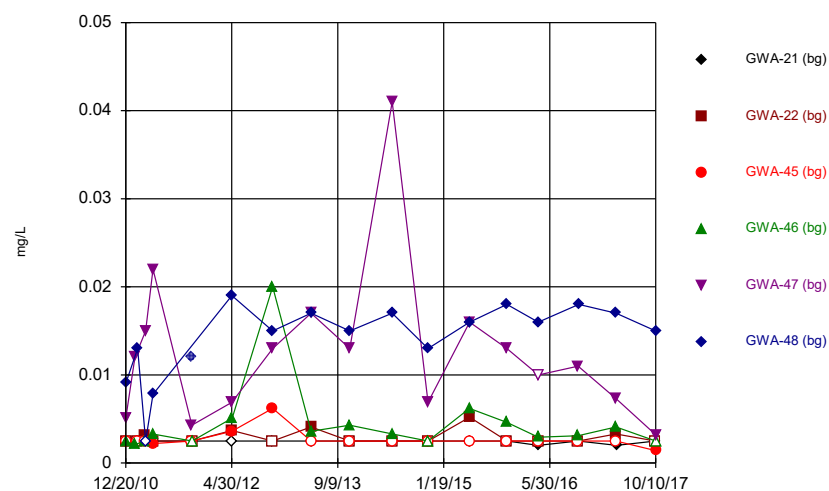
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Time Series



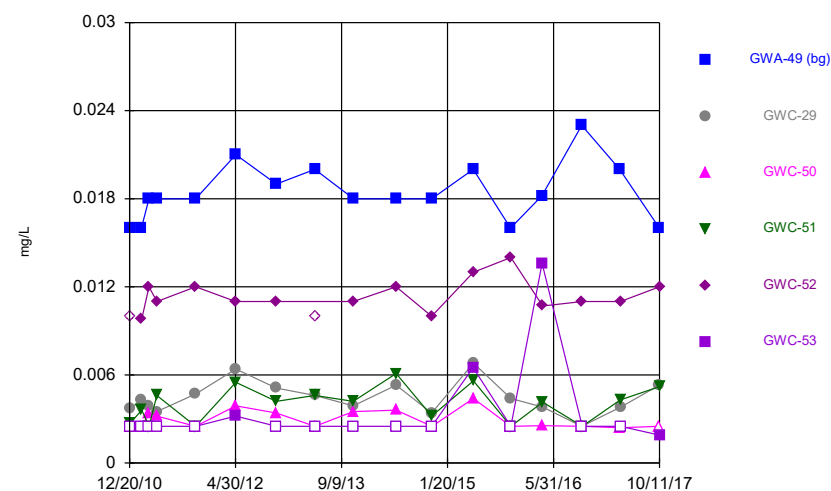
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Time Series



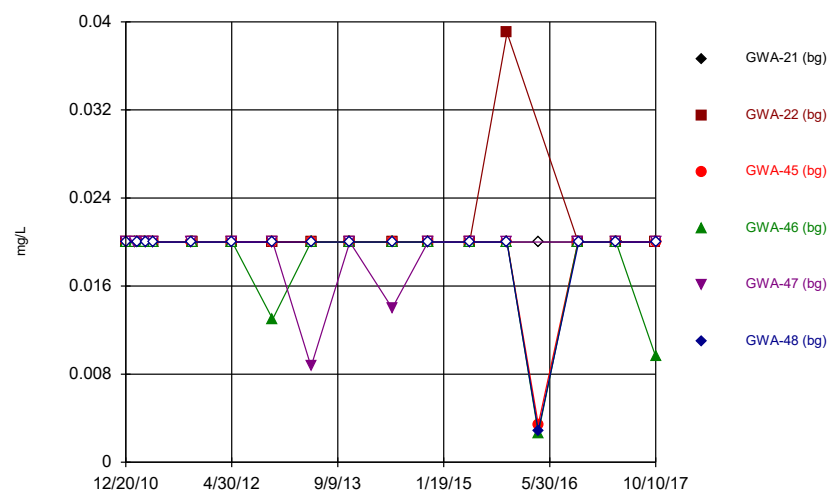
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



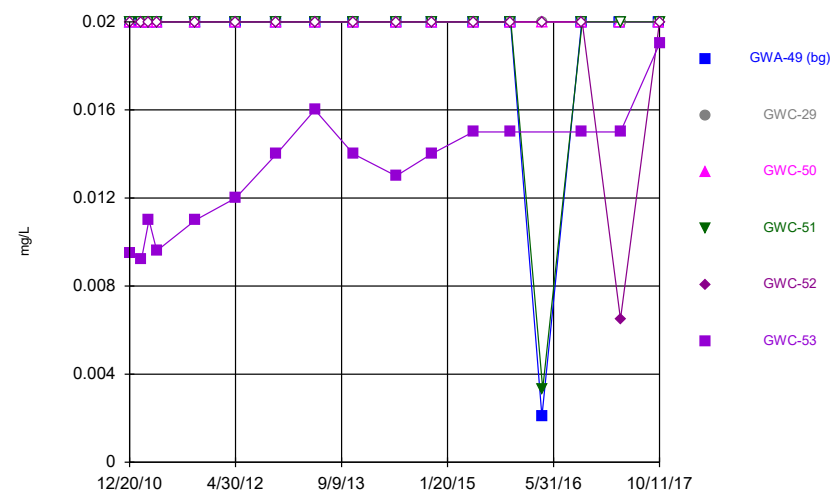
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Time Series



Constituent: Zinc, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Zinc, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
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TREND ANALYSES & TIME SERIES PLOTS

PAC ASH CELL

Trend Test

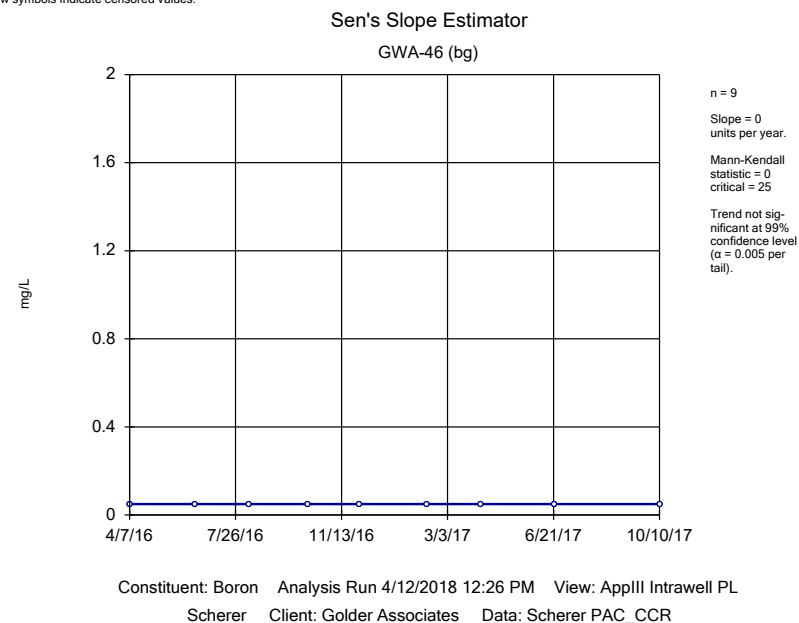
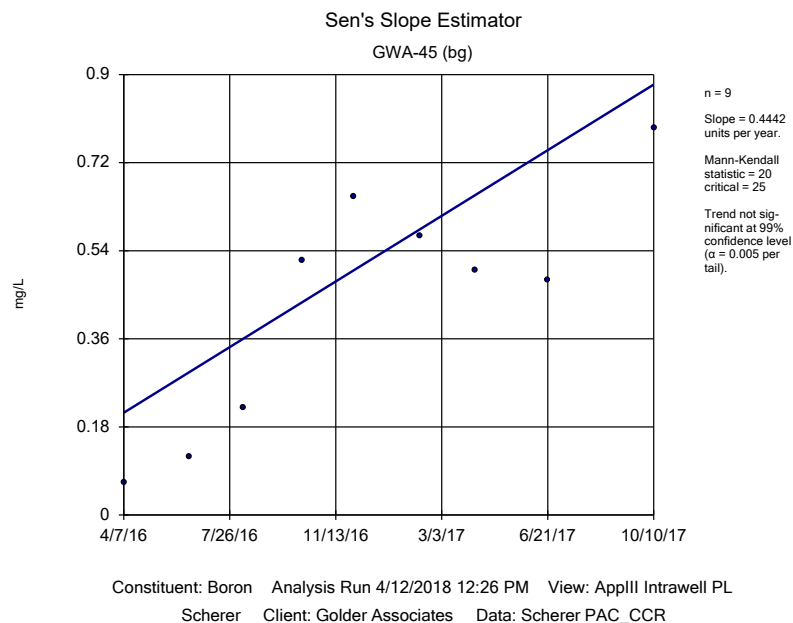
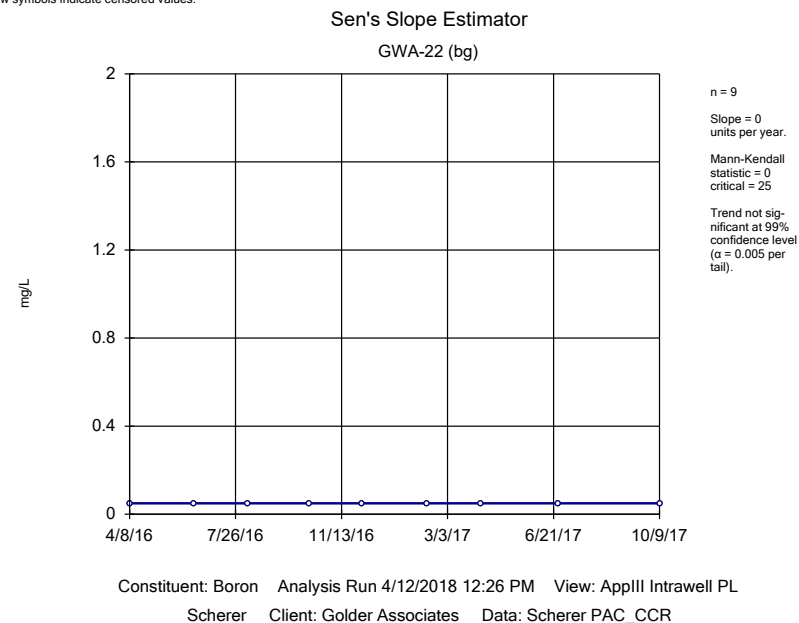
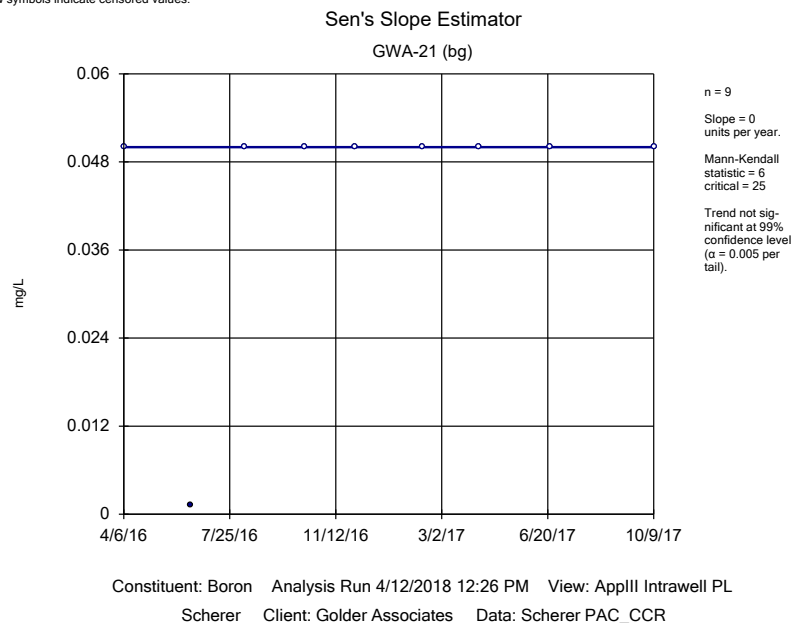
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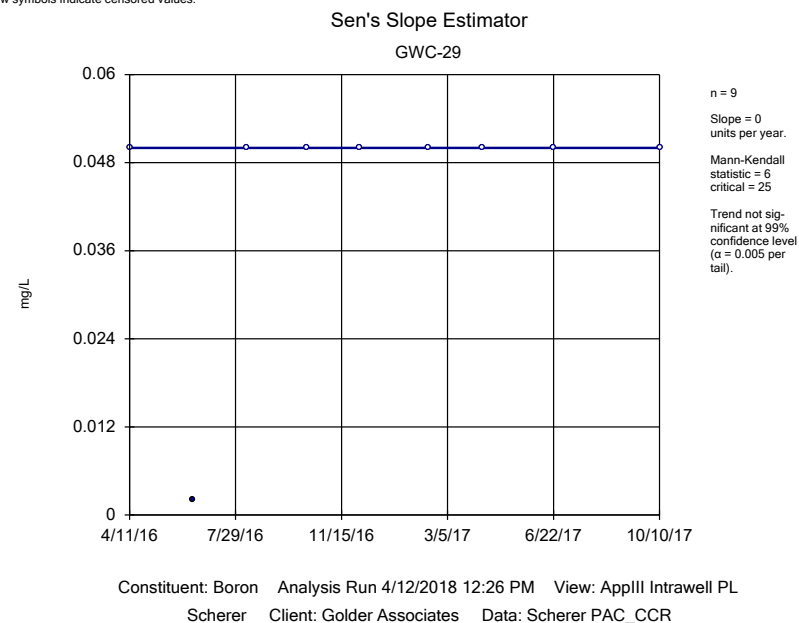
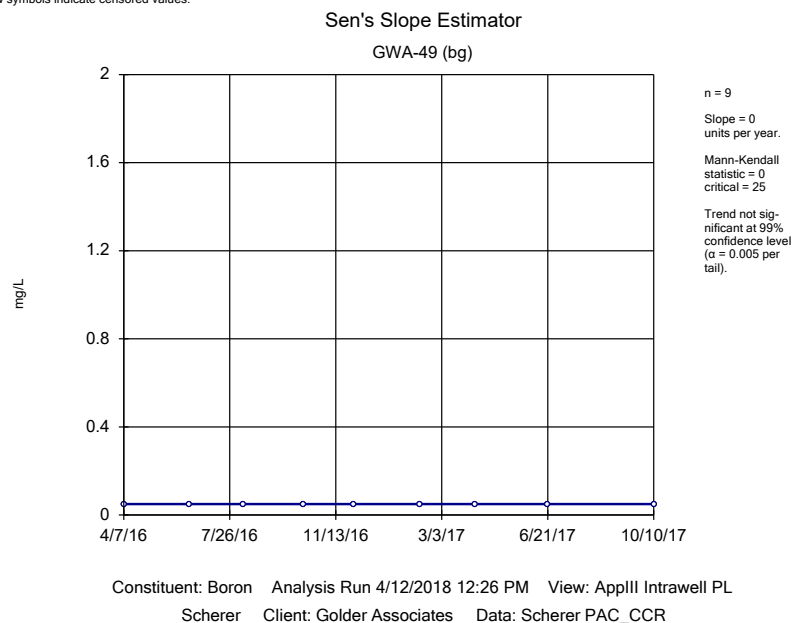
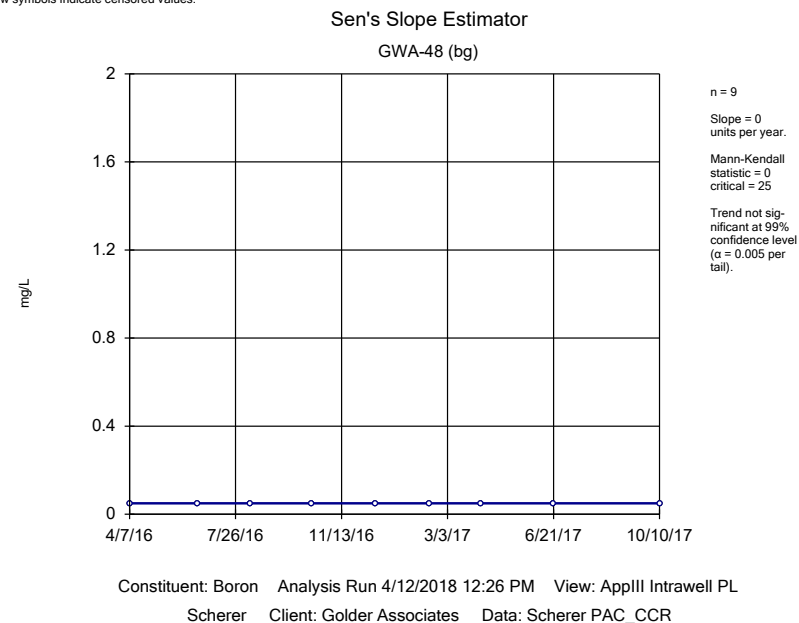
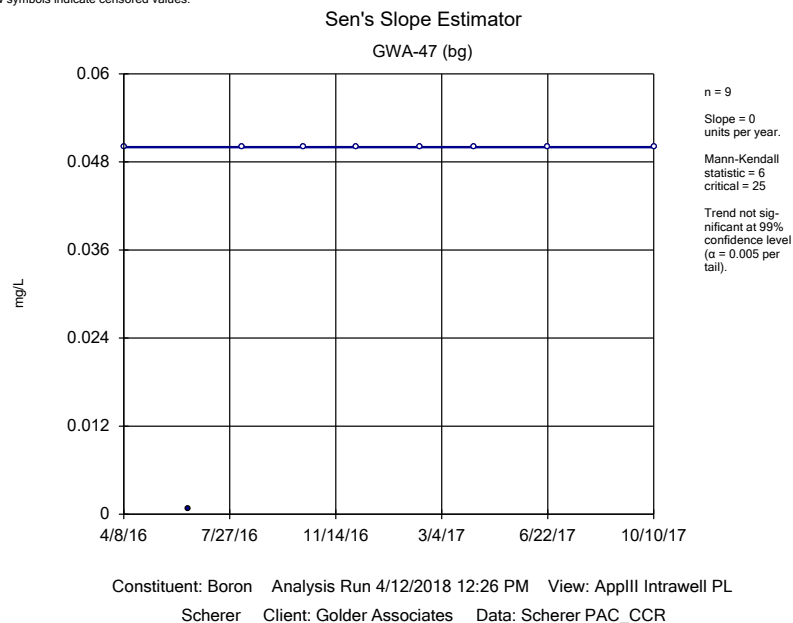
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWA-21 (bg)	0	6	25	No	9	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-22 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-45 (bg)	0.4442	20	25	No	9	0	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-46 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-47 (bg)	0	6	25	No	9	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-48 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-49 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-29	0	6	25	No	9	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-50	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-51	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-52	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-53	0.09562	11	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-21 (bg)	0.9423	8	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-22 (bg)	-1.126	-10	-25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-45 (bg)	5.178	15	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-46 (bg)	0.2109	3	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0	3	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-48 (bg)	0.298	9	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0.3023	7	21	No	8	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-29	0.3361	7	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-50	-0.1097	-3	-25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-51	-0.1971	-4	-25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-52	0.237	11	18	No	7	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-53	2.921	10	25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.39	13	25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.484	-8	-25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.242	5	25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.182	7	25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	-0.161	-24	-25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	-0.1562	-20	-21	No	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	-0.2313	-22	-25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-29	-0.4888	-23	-21	Yes	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-50	-0.1194	-17	-25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0	1	21	No	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-52	0.1723	3	21	No	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-53	0	-3	-21	No	8	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-21 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-22 (bg)	0	-8	-25	No	9	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-45 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-46 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-47 (bg)	0	-8	-25	No	9	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-48 (bg)	0	9	25	No	9	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-49 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-29	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-50	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-51	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-52	0	0	25	No	9	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-53	0	0	25	No	9	100	n/a	n/a	0.01	NP
pH (S.U.)	GWA-21 (bg)	-0.01359	-4	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-22 (bg)	-0.2013	-7	-25	No	9	0	n/a	n/a	0.01	NP

Trend Test

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 4/12/2018, 12:28 PM

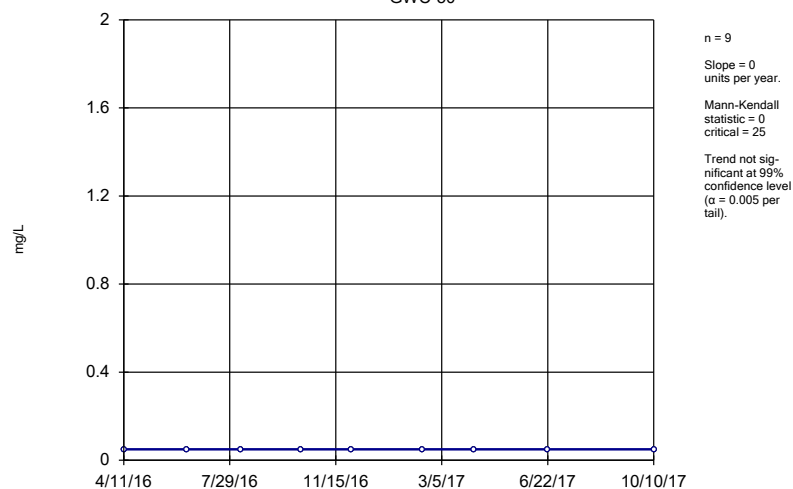
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
pH (S.U.)	GWA-45 (bg)	-0.03616	-9	-21	No	8	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-46 (bg)	-0.01273	-5	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-47 (bg)	-0.00...	-1	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-48 (bg)	-0.05304	-13	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-49 (bg)	-0.01846	-4	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	-0.03735	-12	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-50	-0.02633	-12	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-51	-0.0562	-17	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-52	-0.02177	-11	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-53	-0.05319	-15	-25	No	9	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	1.044	29	25	Yes	9	11.11	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	26.54	17	25	No	9	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	-0.1485	-8	-25	No	9	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-29	0	2	25	No	9	11.11	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-50	0	0	25	No	9	100	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-51	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	2.357	14	21	No	8	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-53	19.84	17	25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-21 (bg)	19.28	17	25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-22 (bg)	-10.05	-4	-25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-45 (bg)	39.62	23	25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-46 (bg)	1.648	3	25	No	9	11.11	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-47 (bg)	-6.487	-2	-25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-48 (bg)	-23.29	-15	-25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-49 (bg)	0	-5	-21	No	8	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-29	-19.65	-15	-25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-50	-25.7	-27	-25	Yes	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-51	-11.14	-15	-21	No	8	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-52	10.69	11	25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-53	26.05	7	25	No	9	0	n/a	n/a	0.01	NP





Sen's Slope Estimator

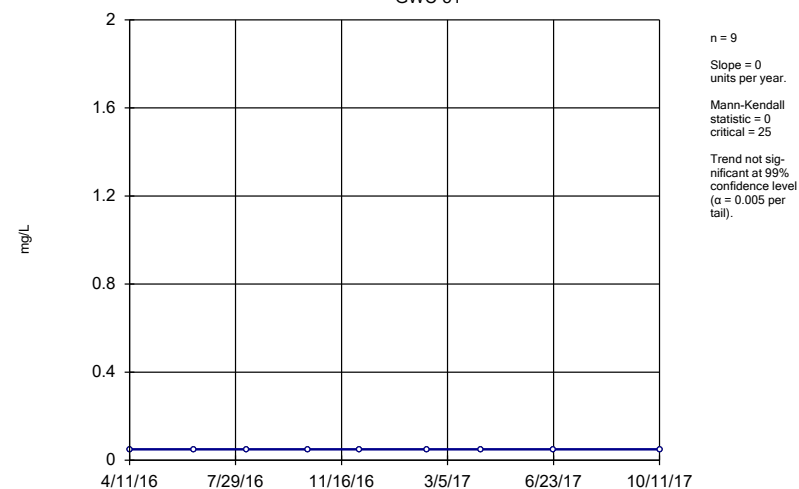
GWC-50



Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

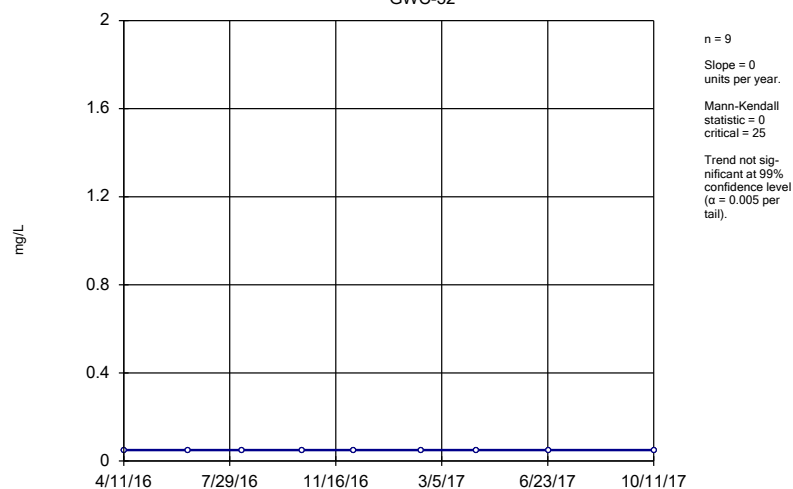
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

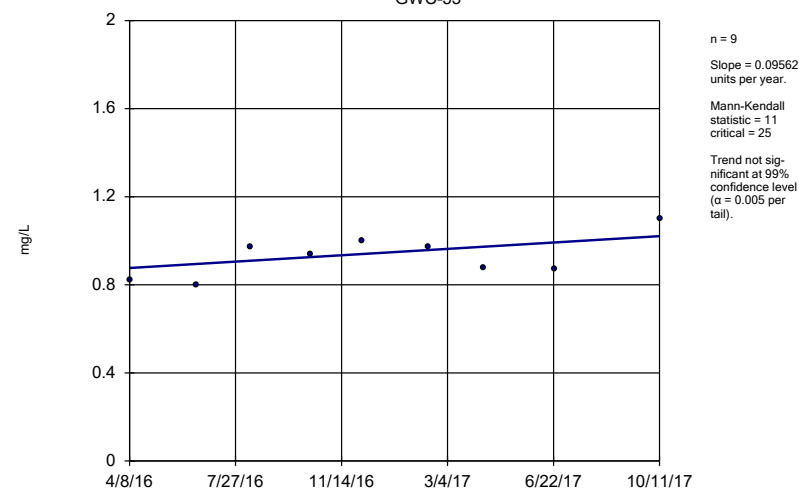
GWC-52



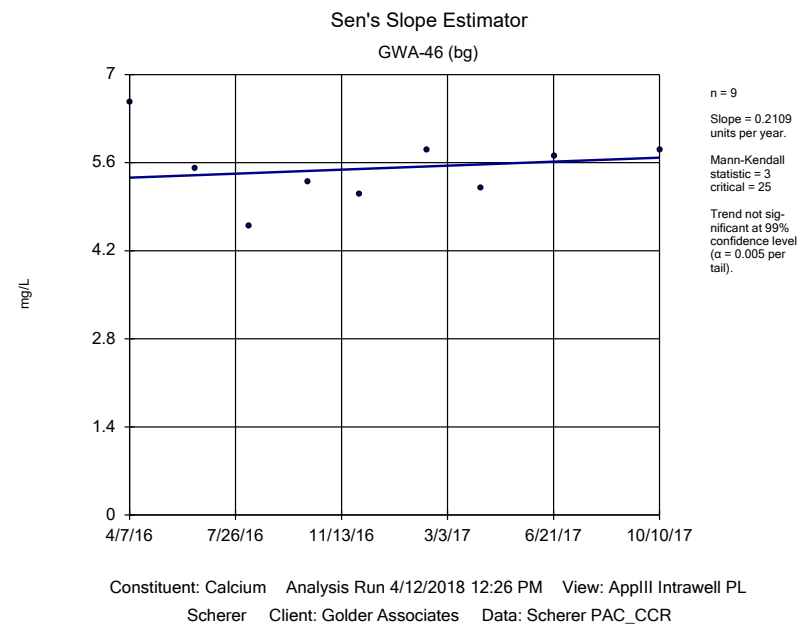
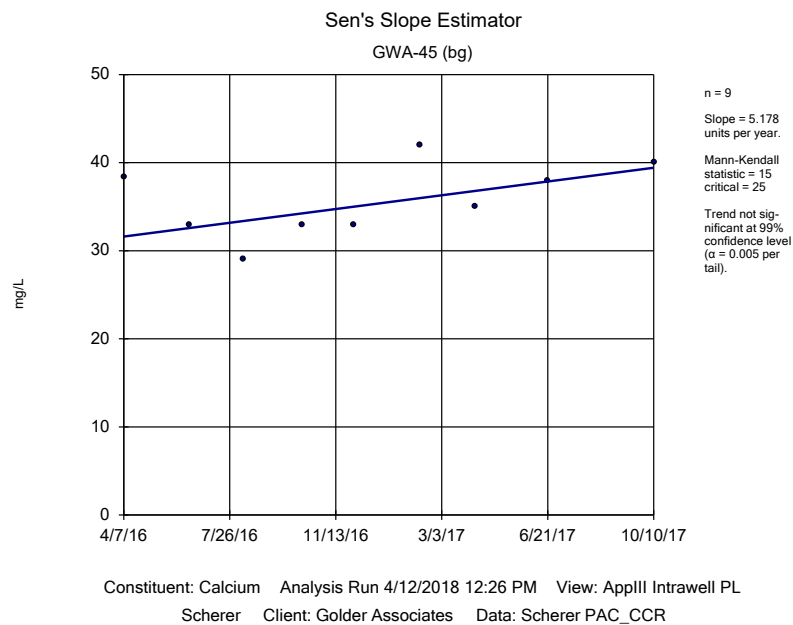
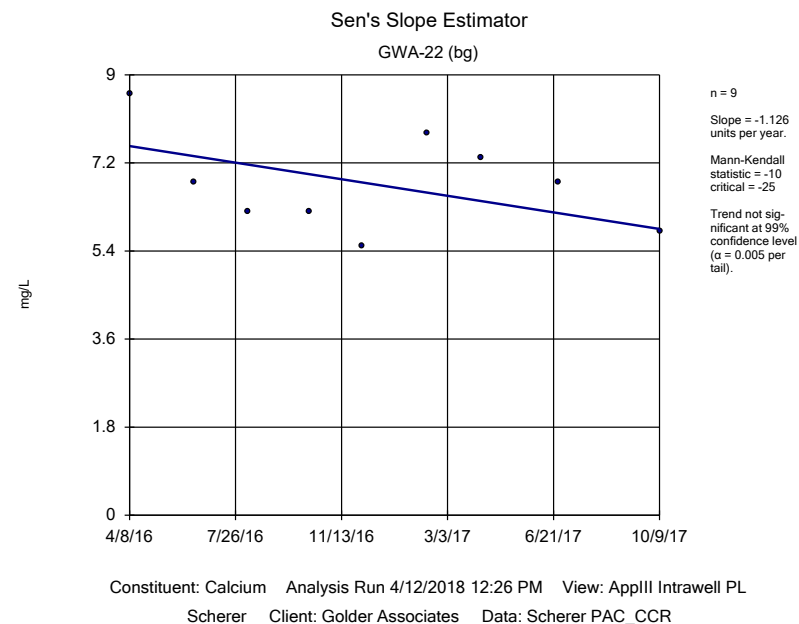
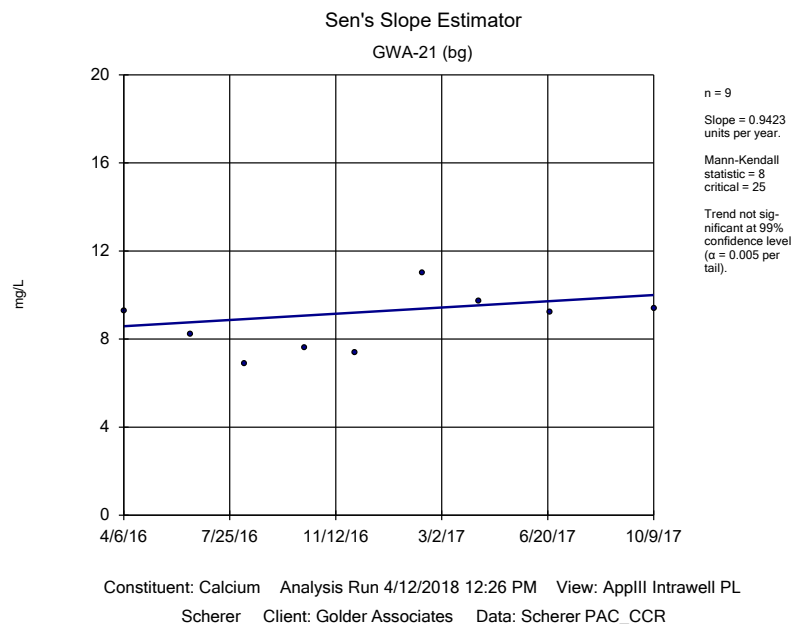
Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: ApplIII Intrawell PL
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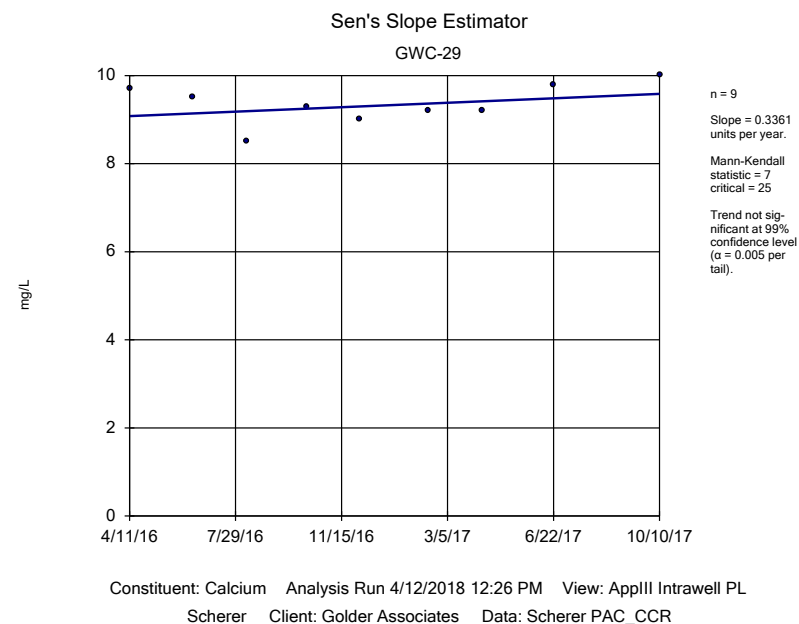
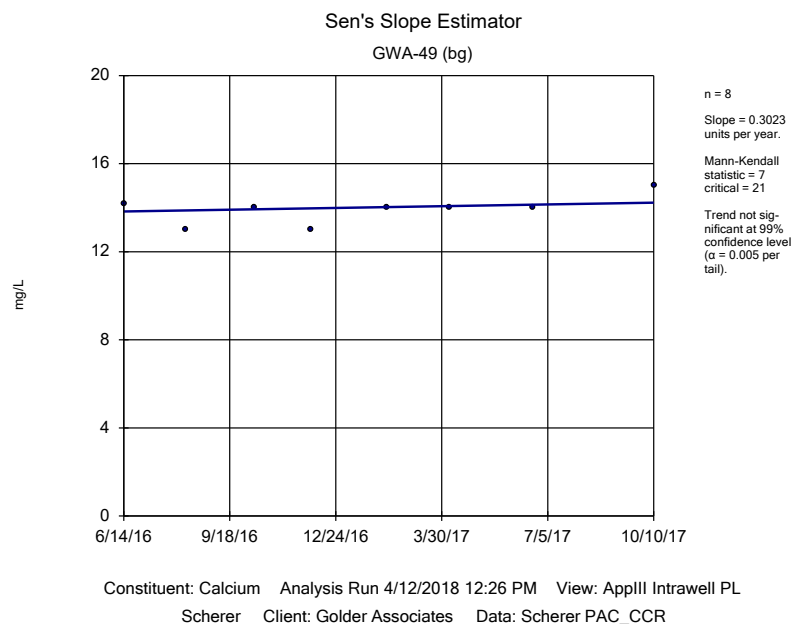
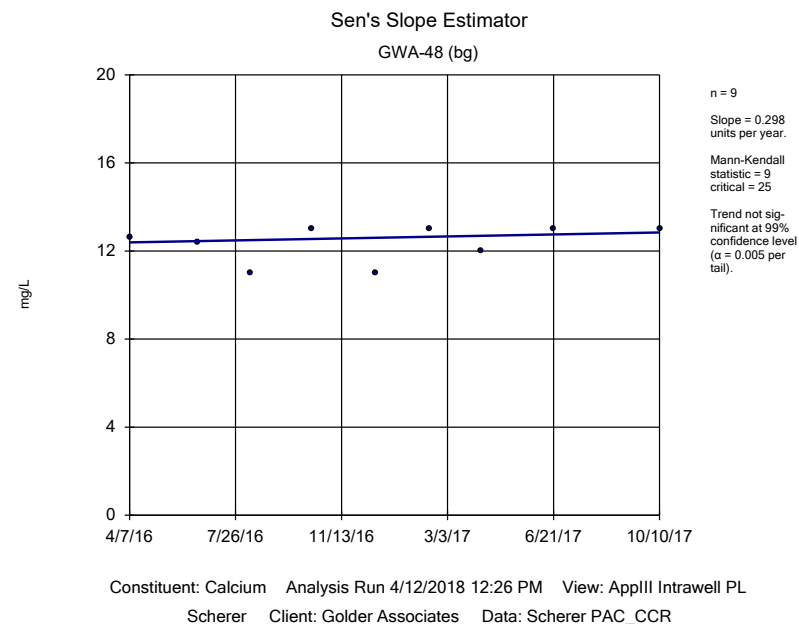
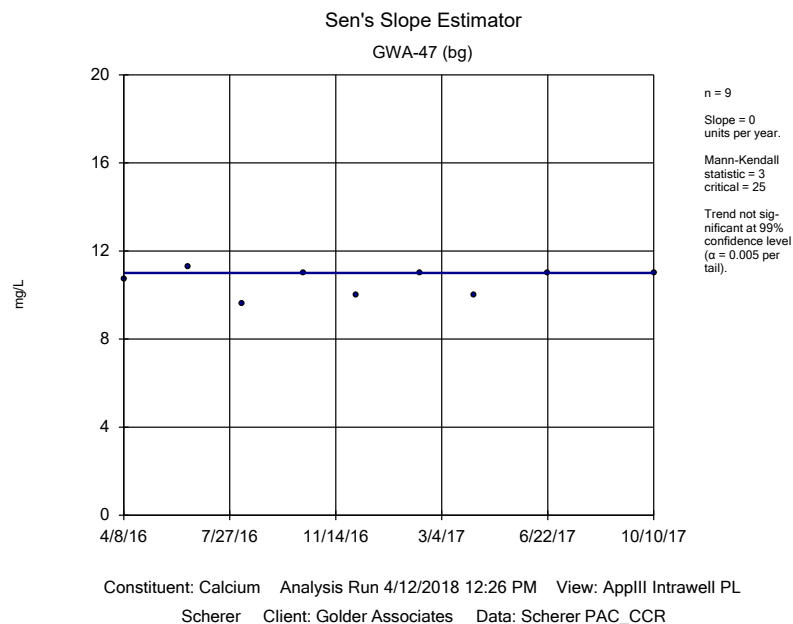
Sen's Slope Estimator

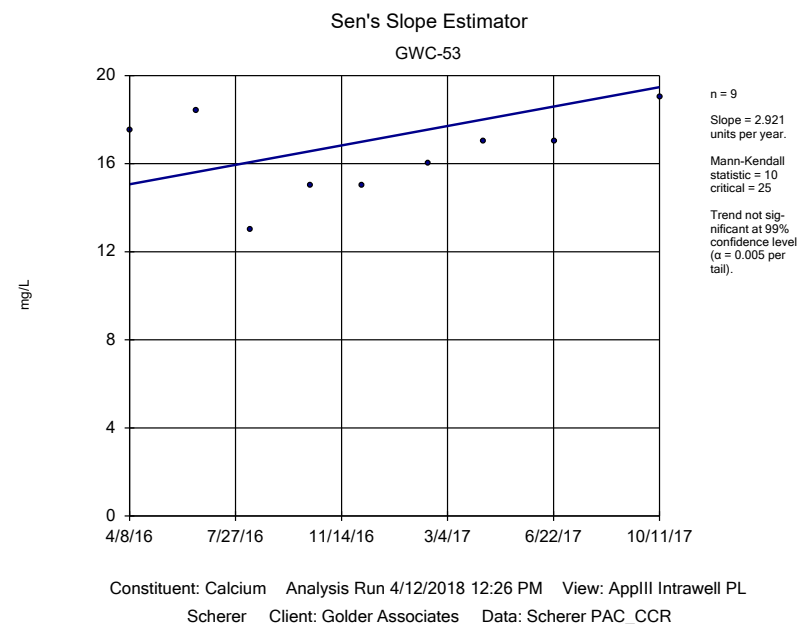
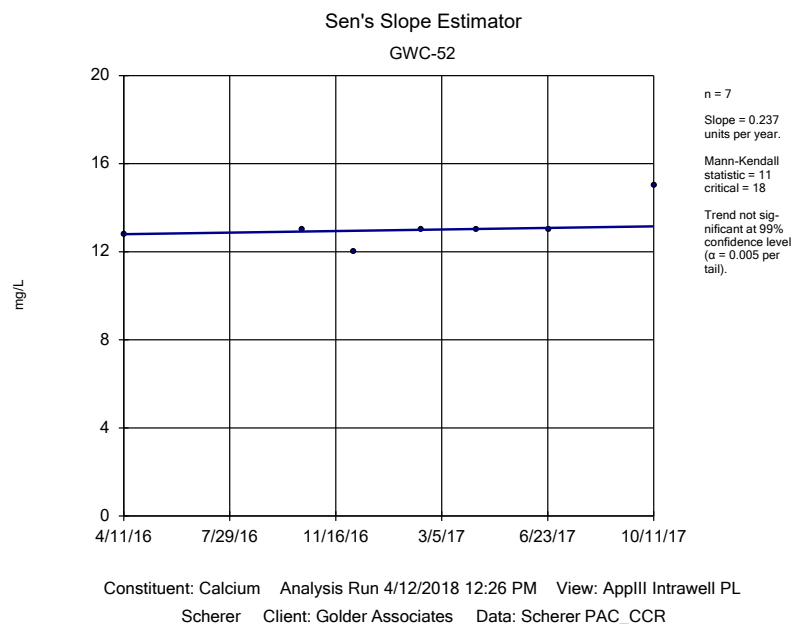
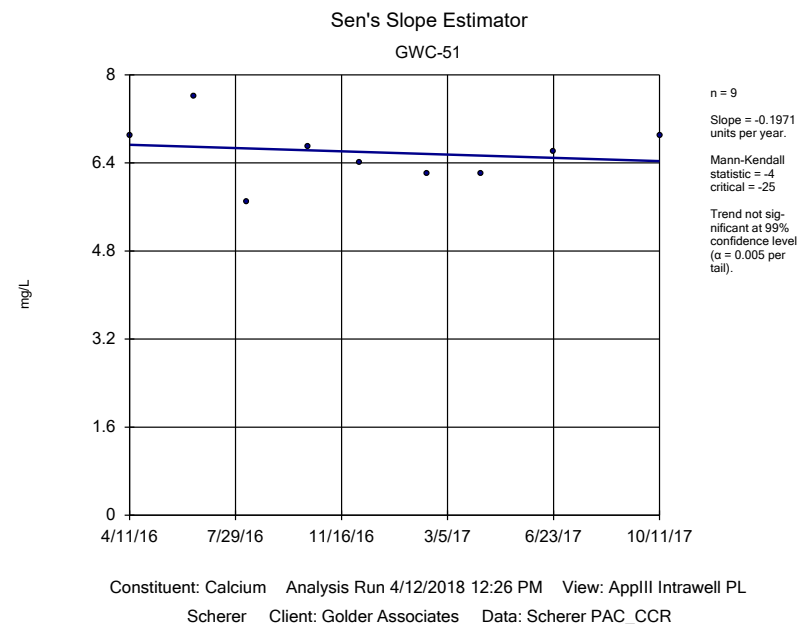
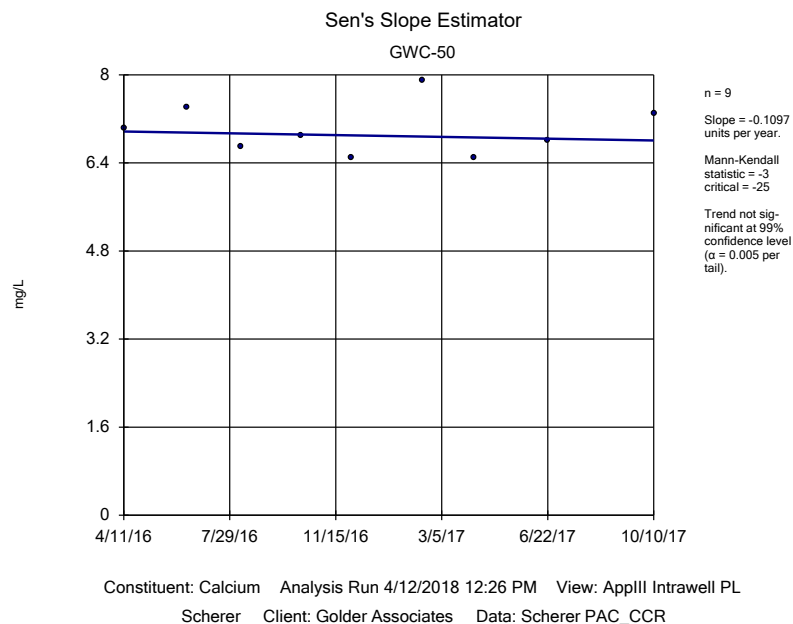
GWC-53

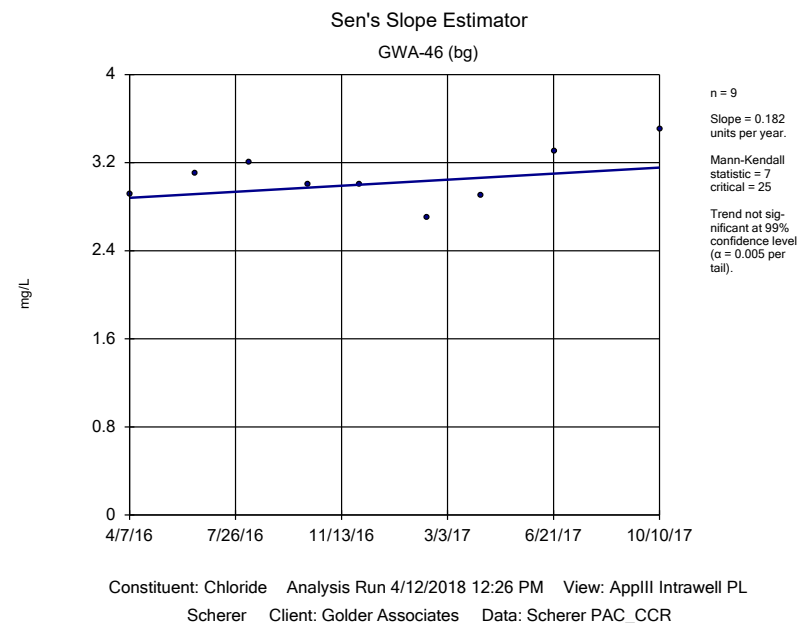
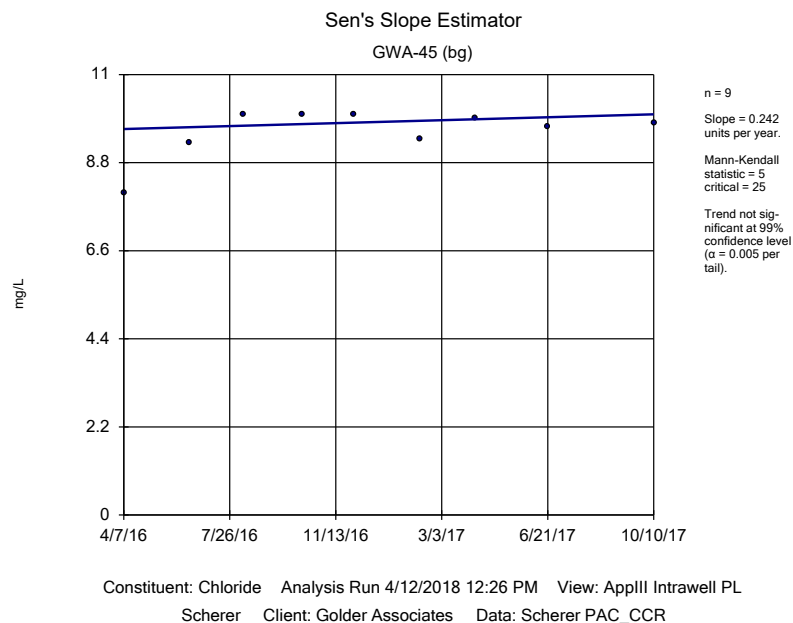
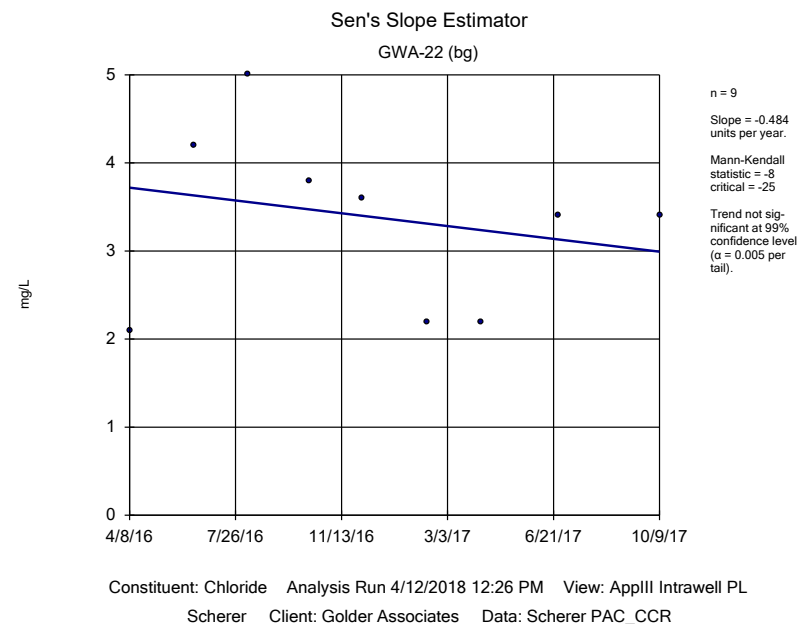
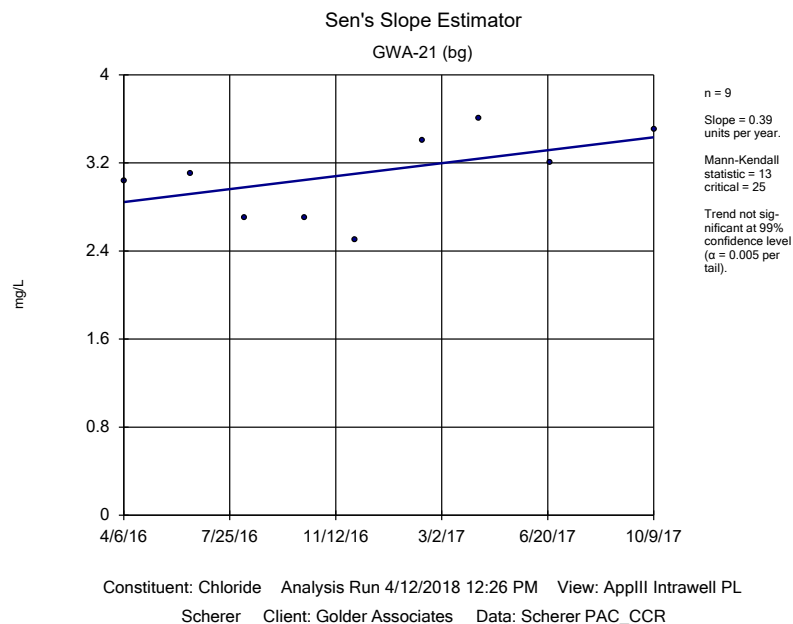


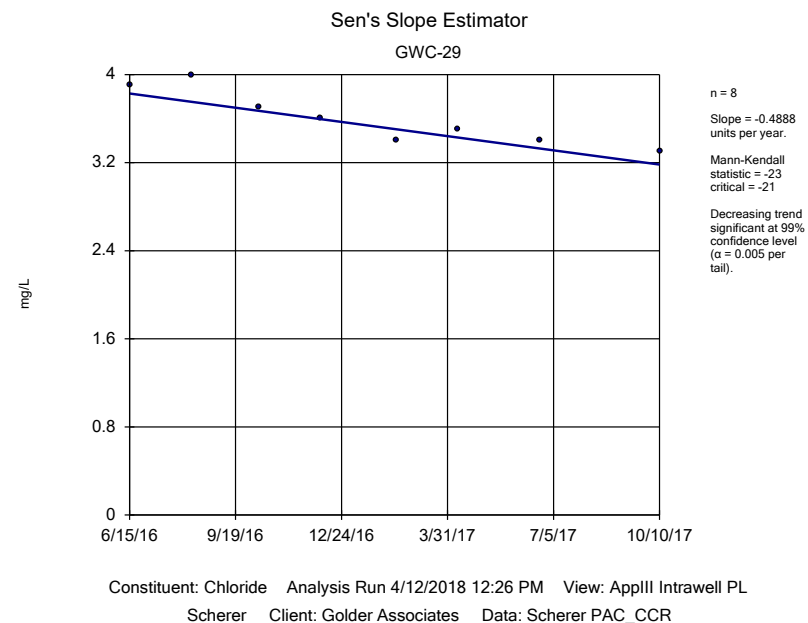
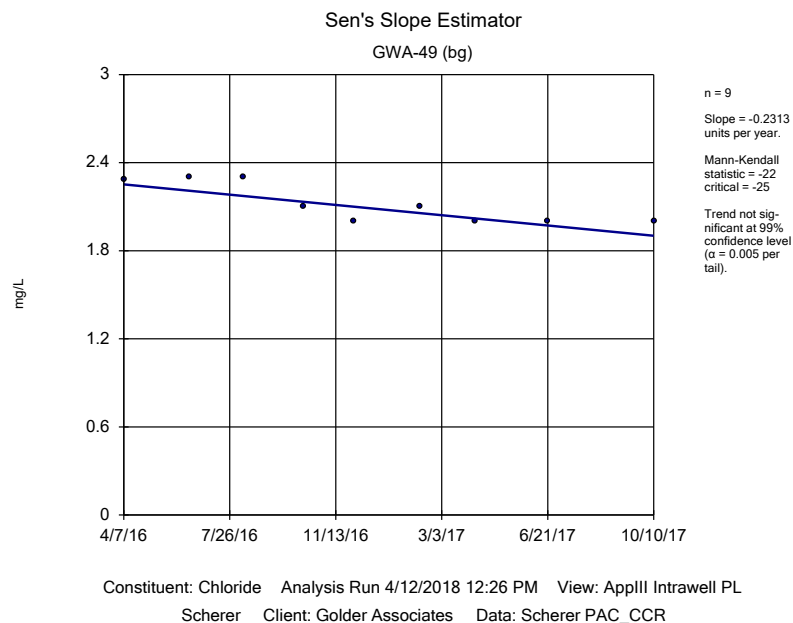
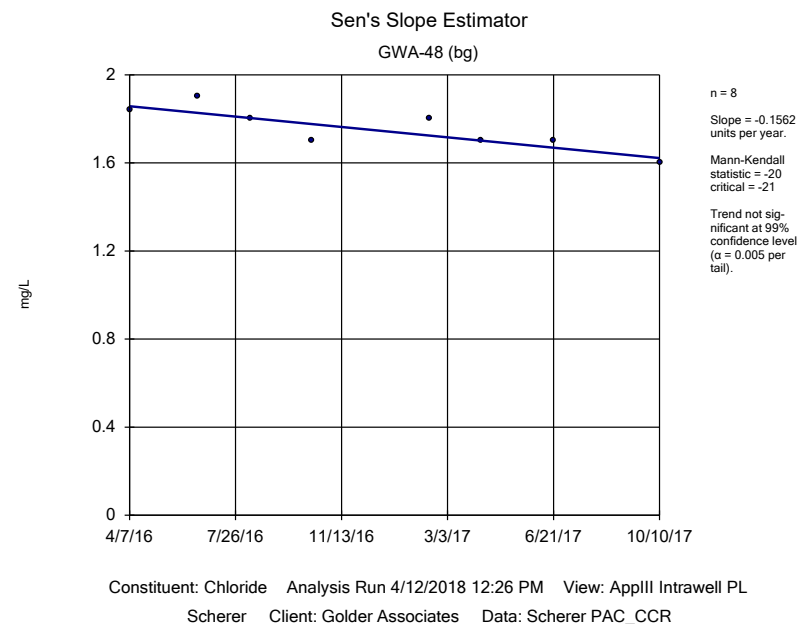
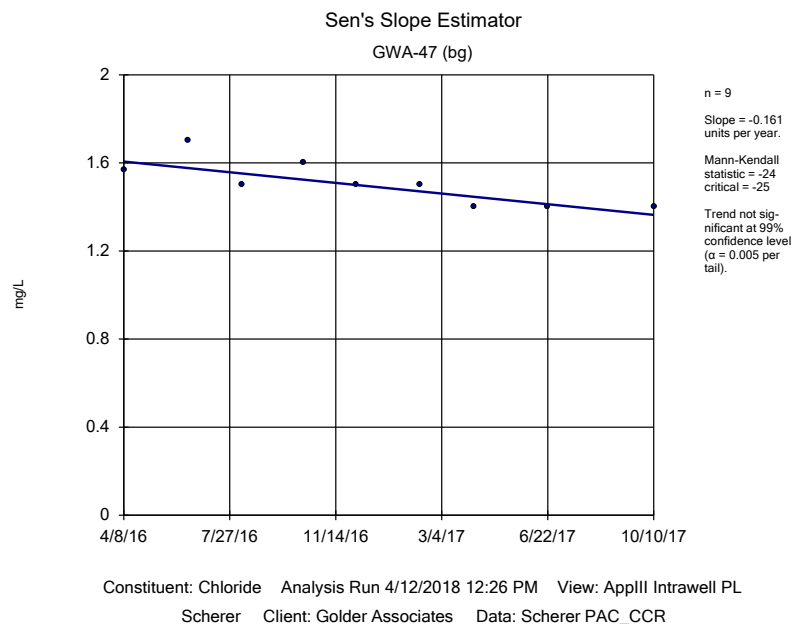
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

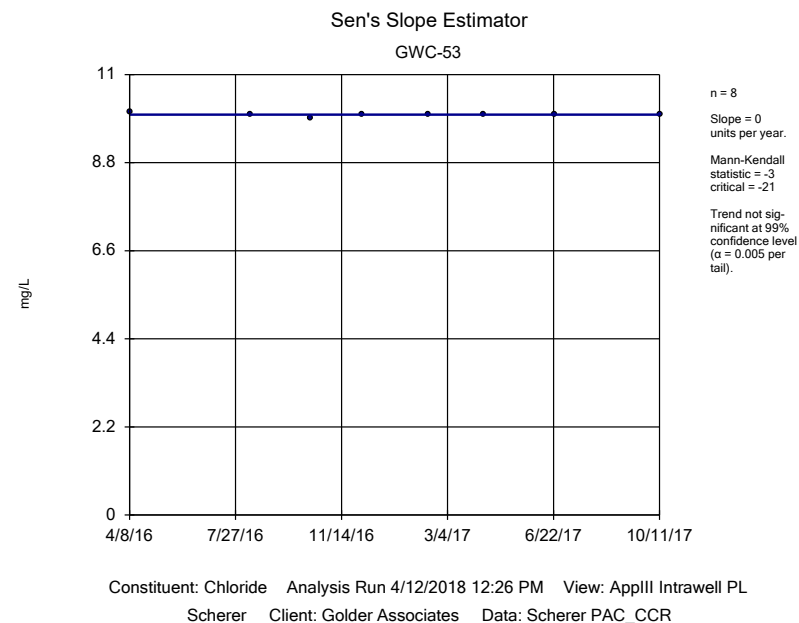
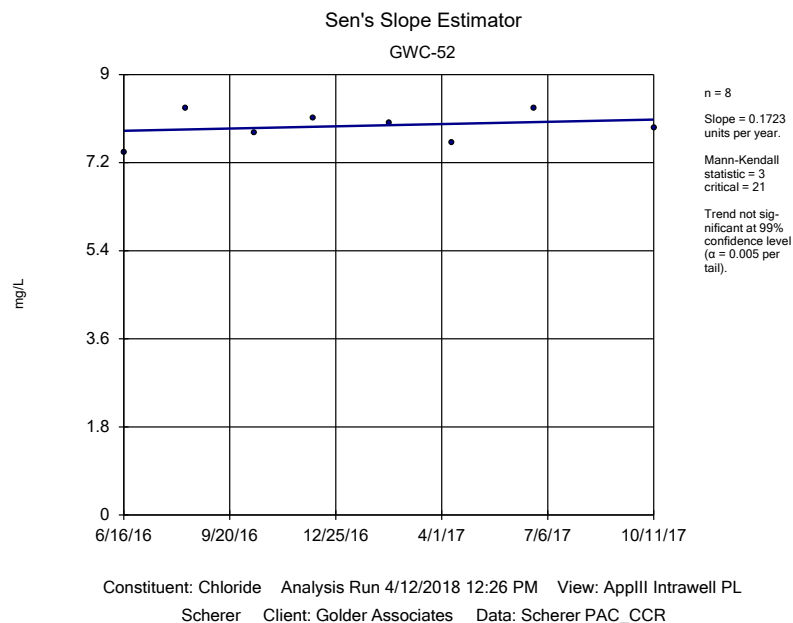
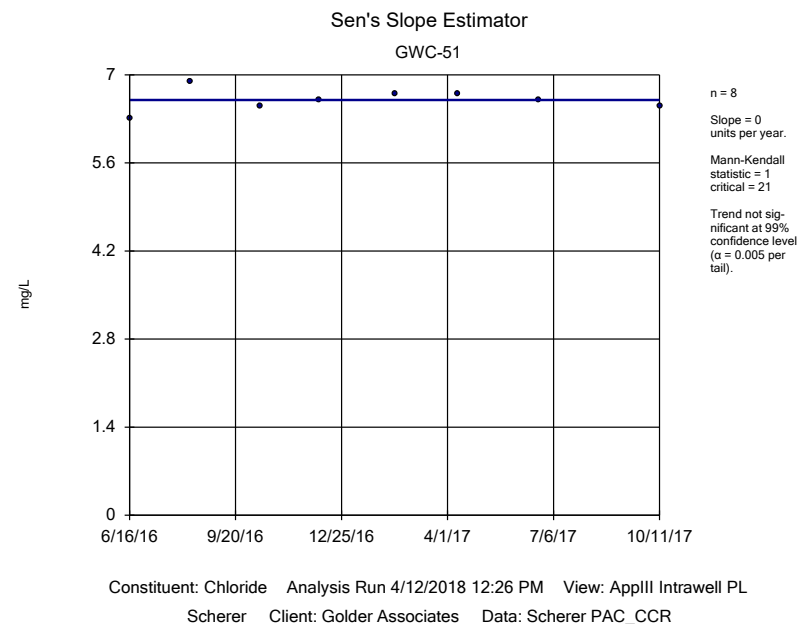
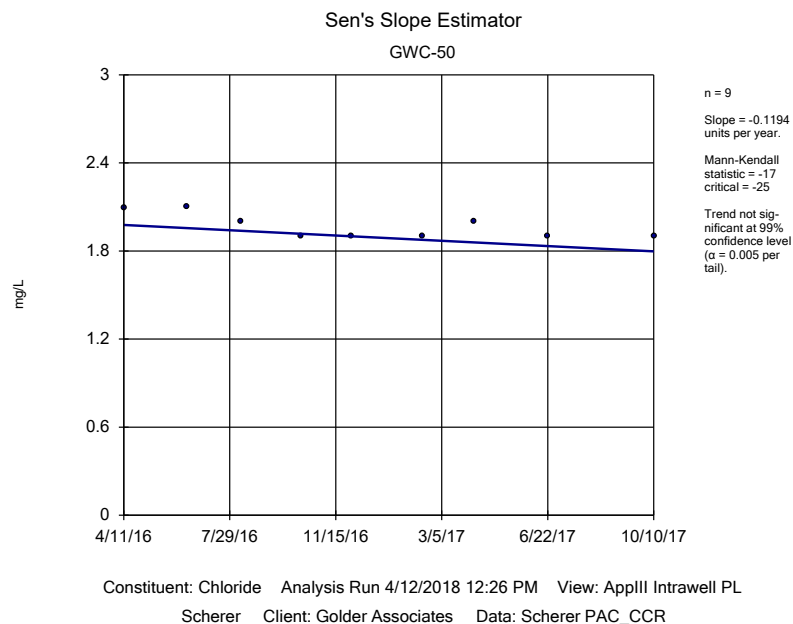


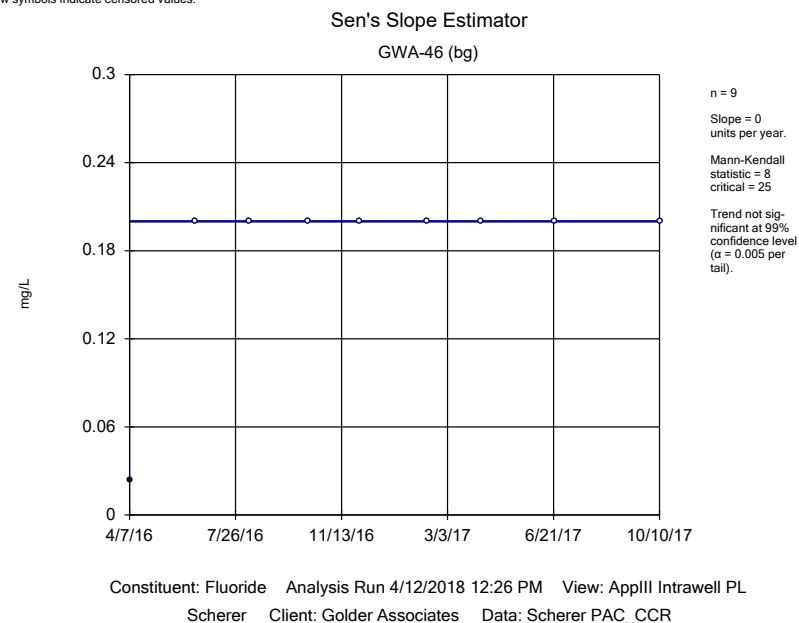
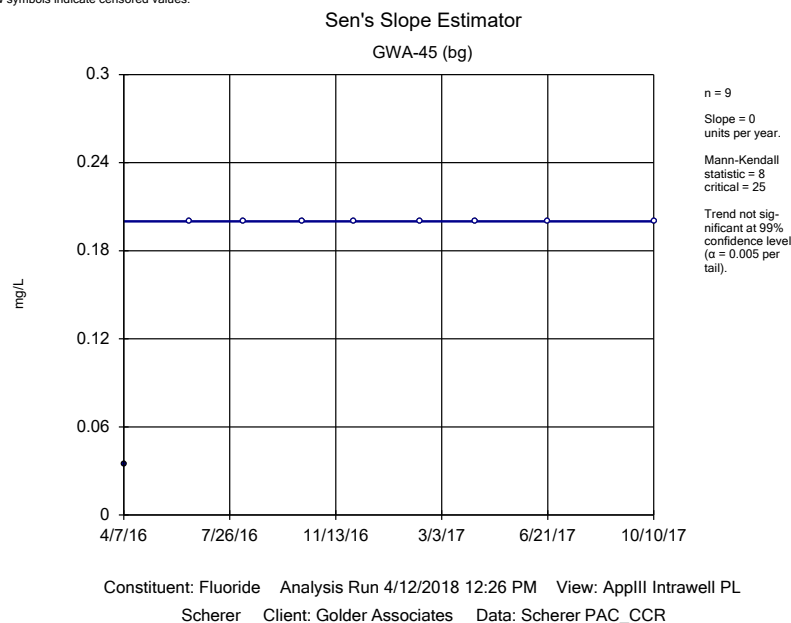
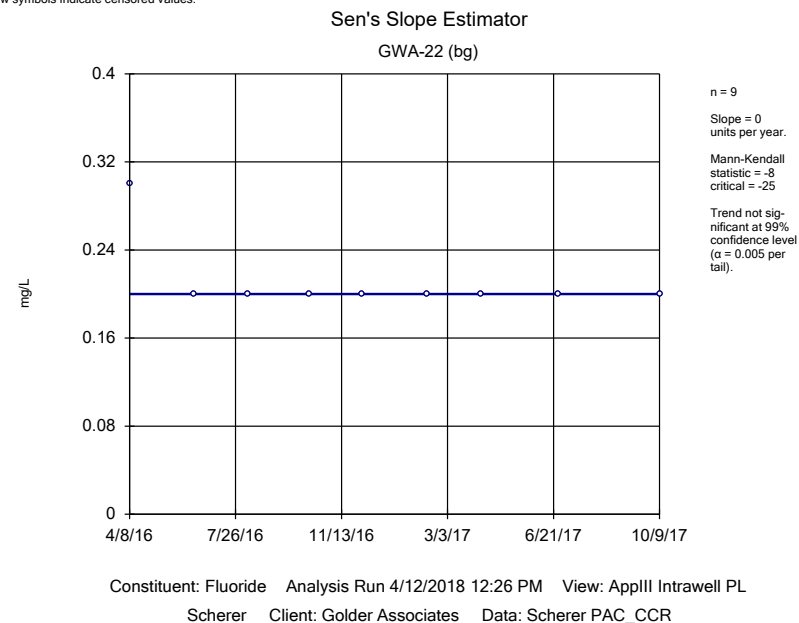
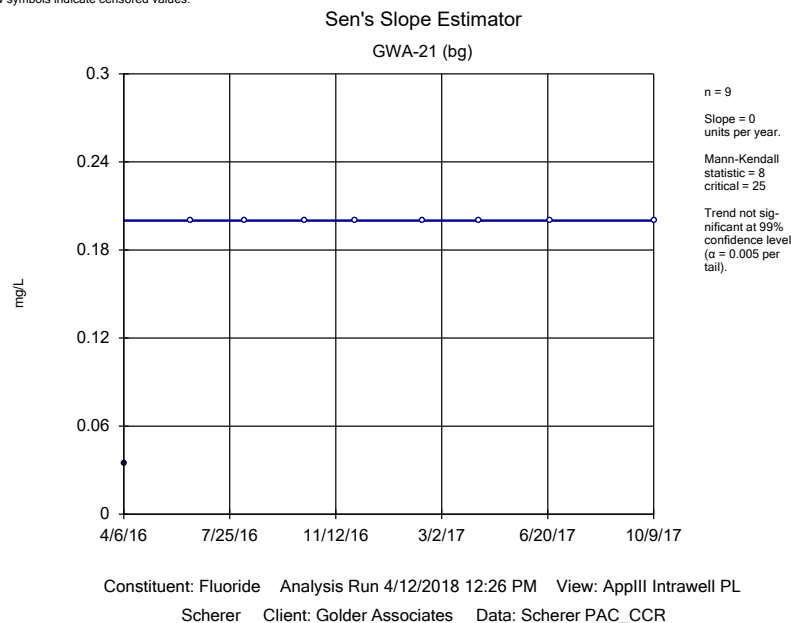


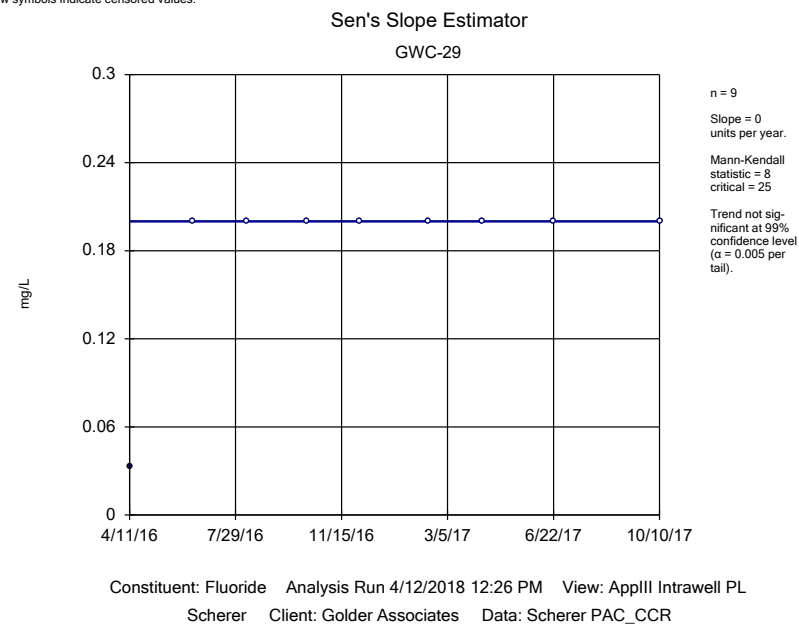
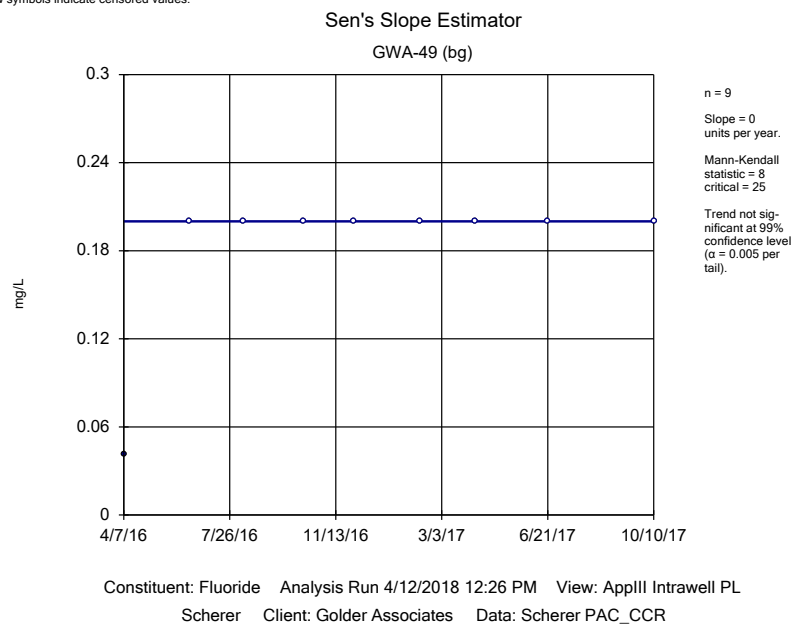
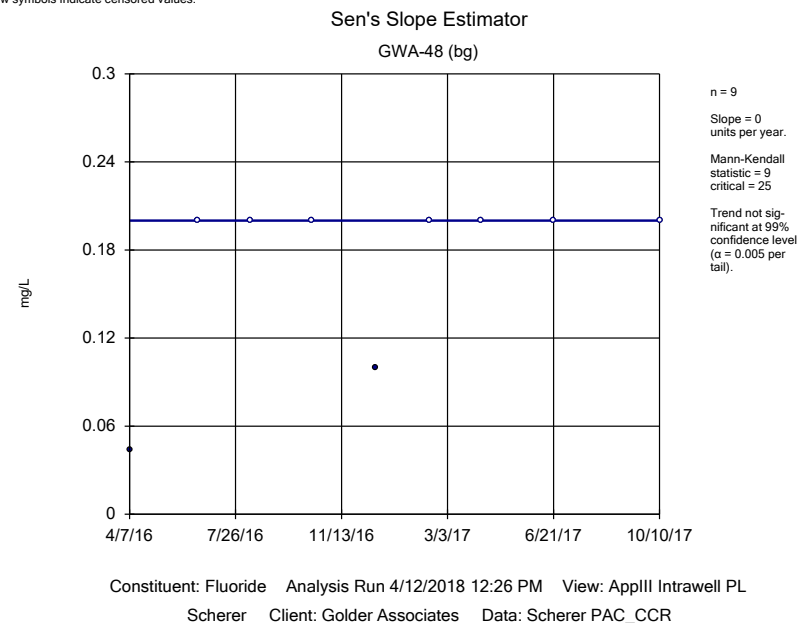
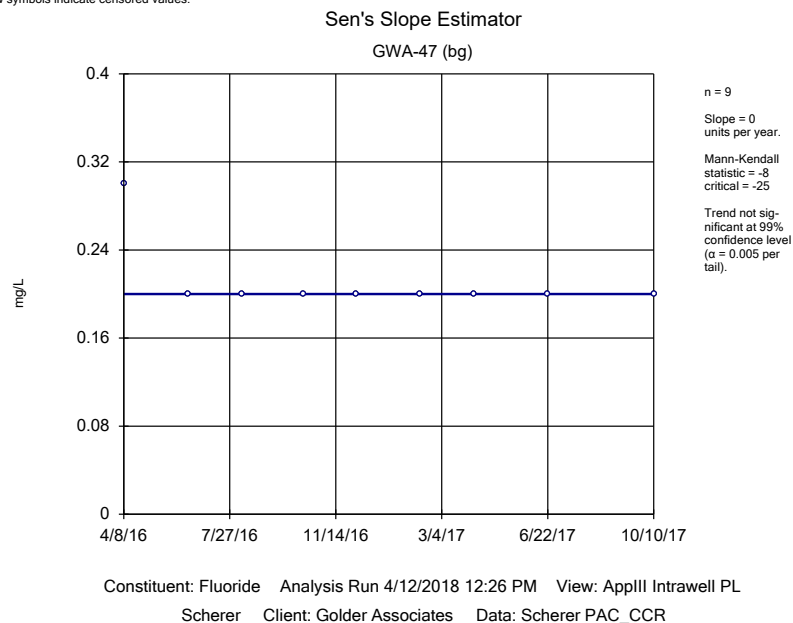


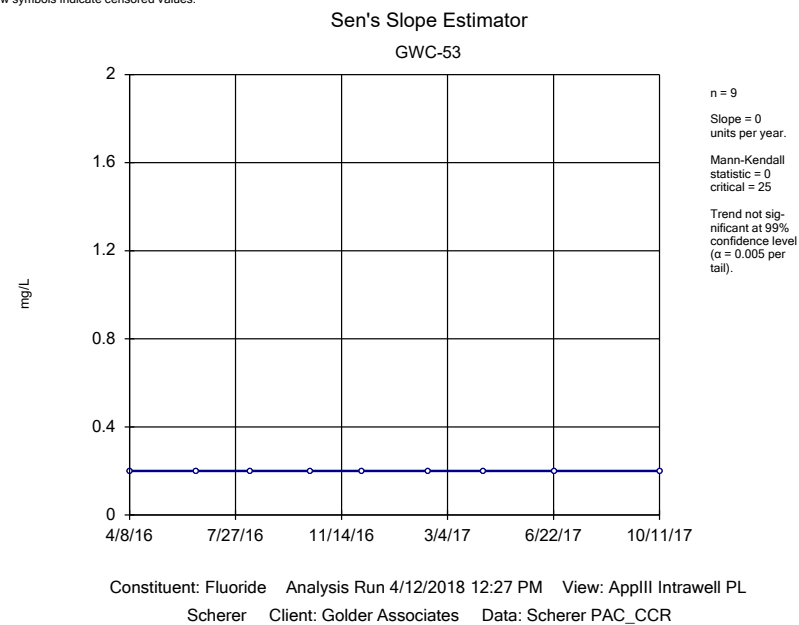
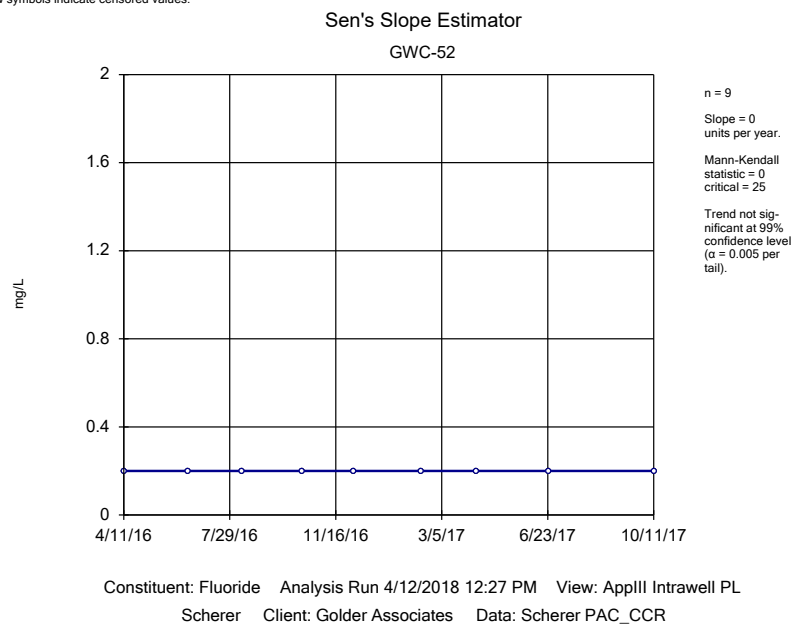
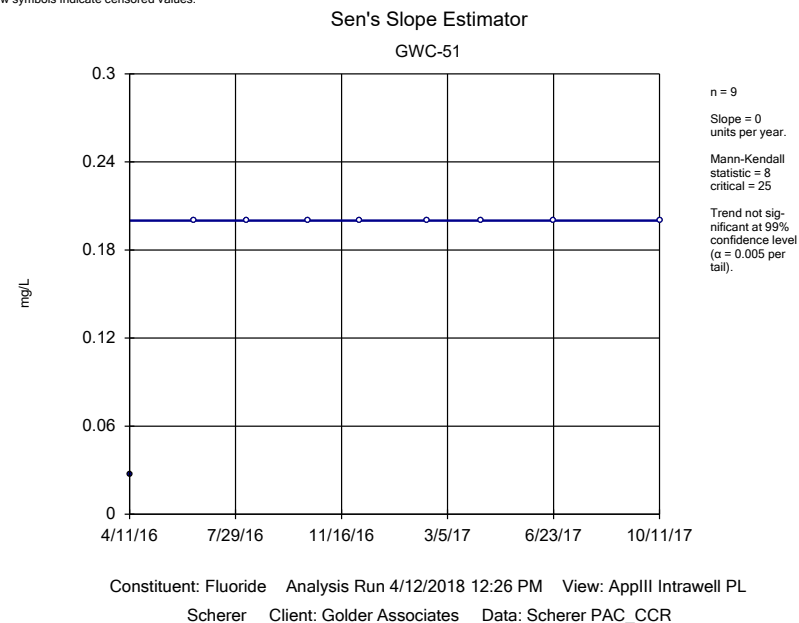
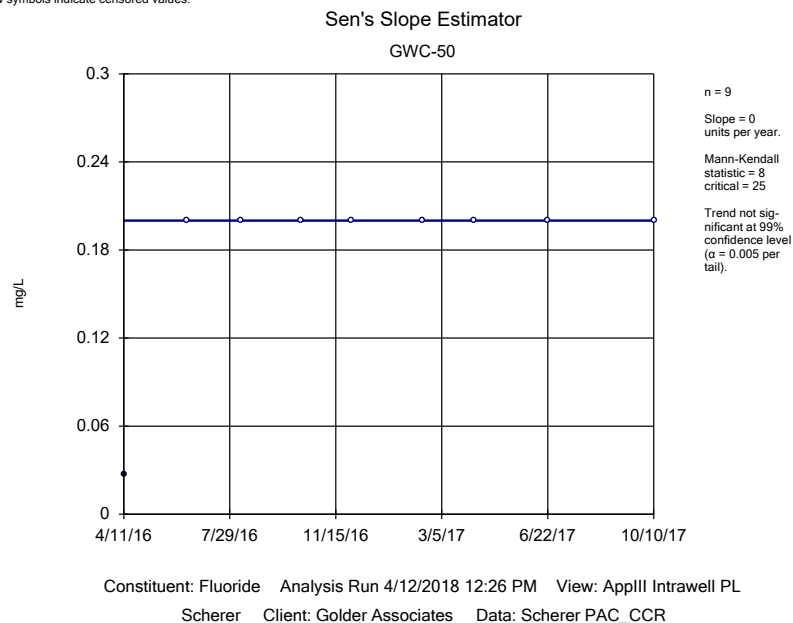


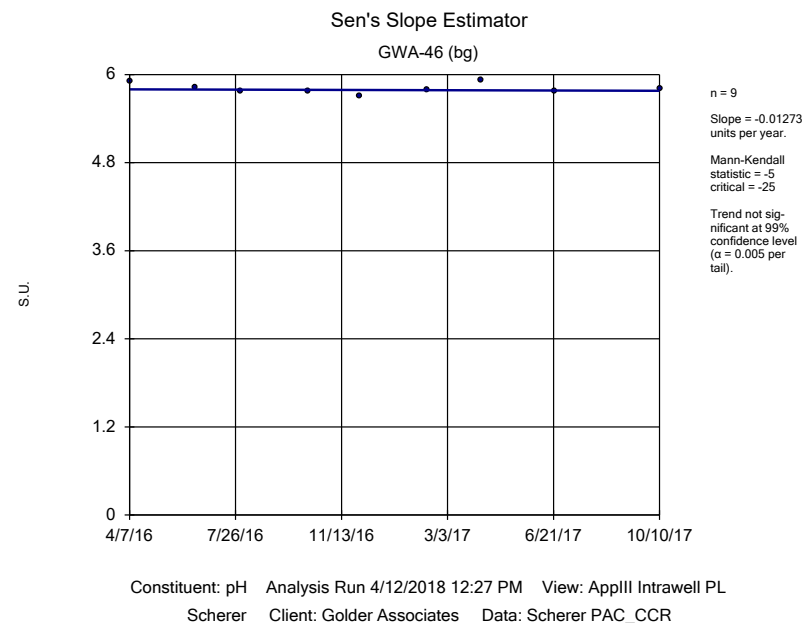
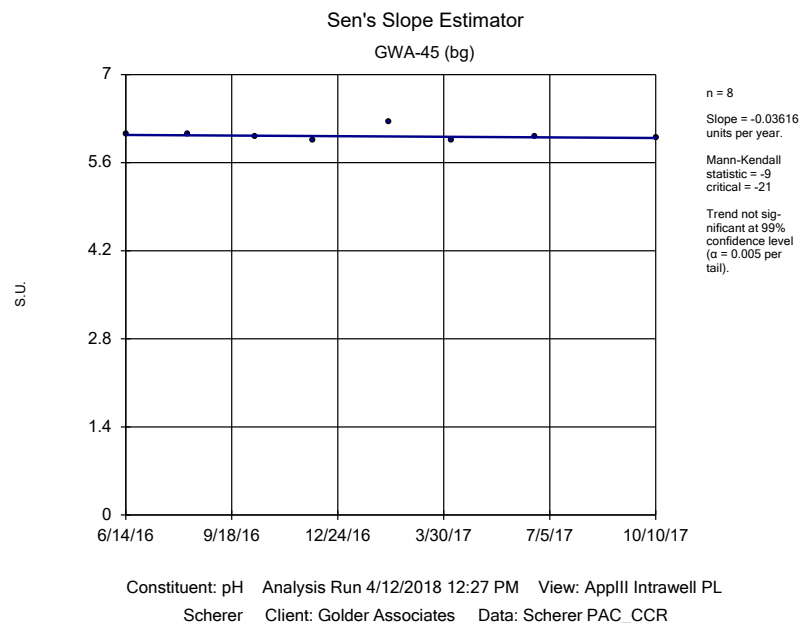
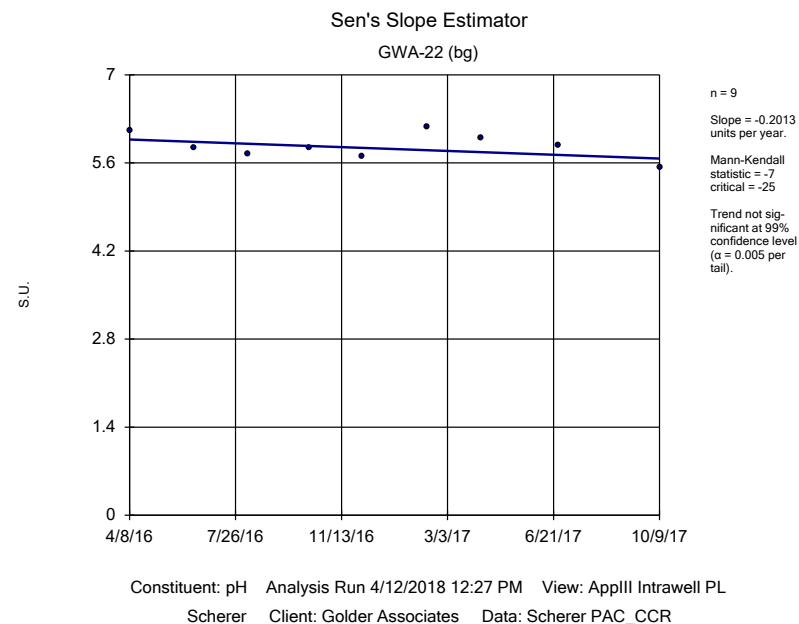
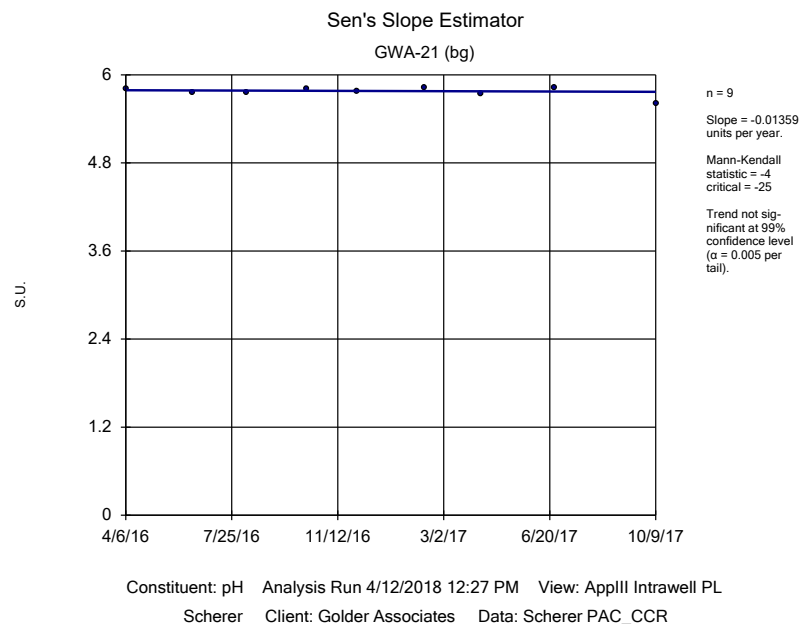


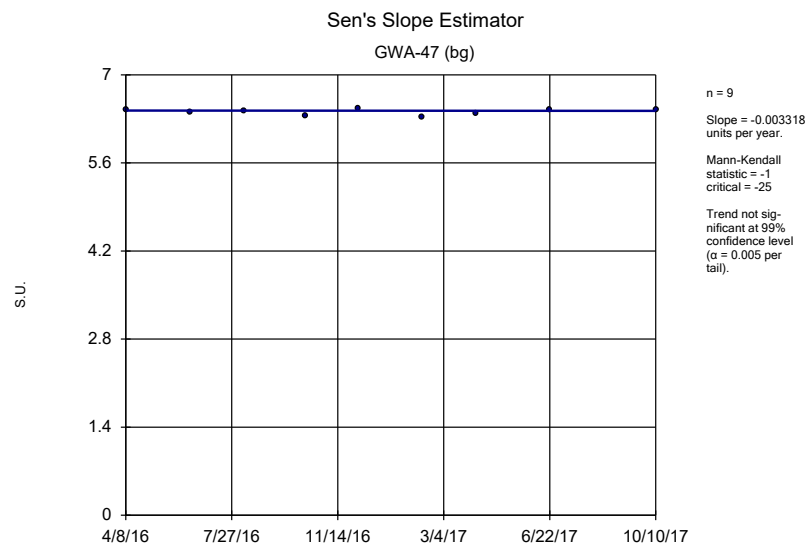




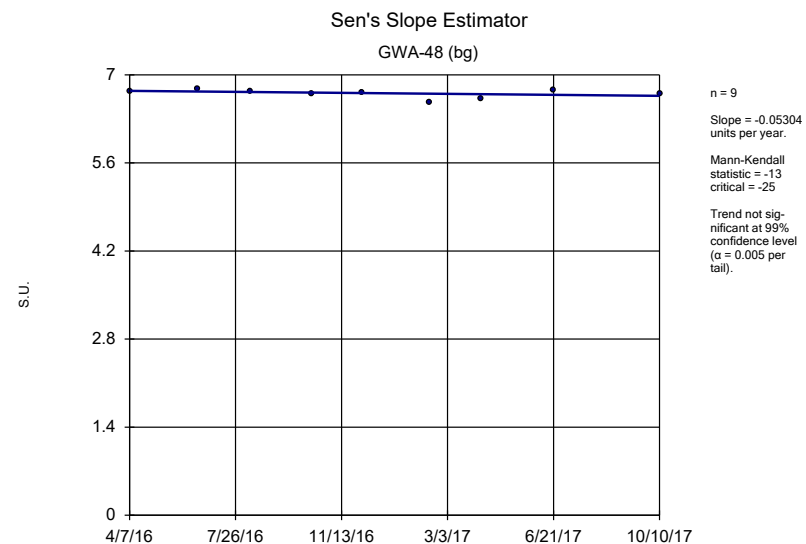




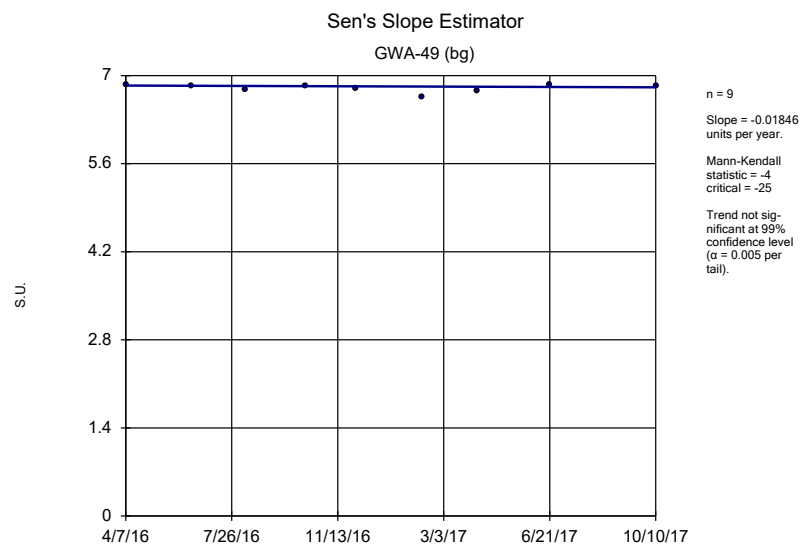




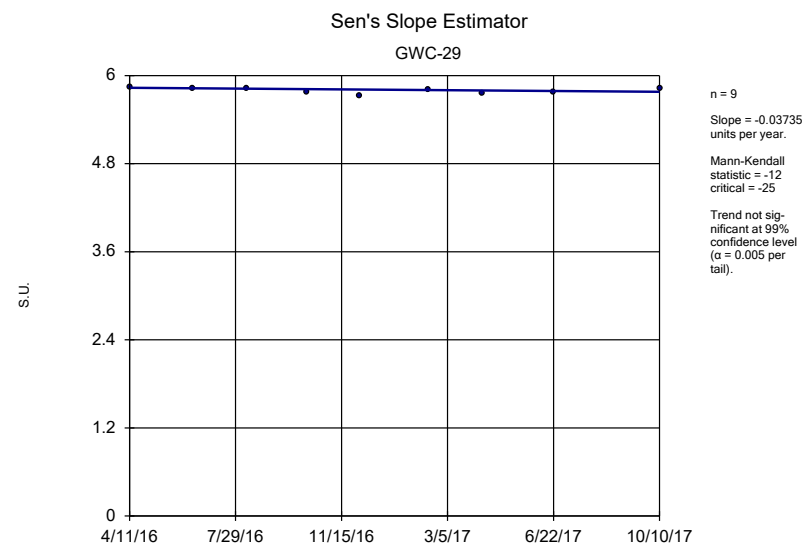
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Scherer Client: Golder Associates Data: Scherer PAC_CCR



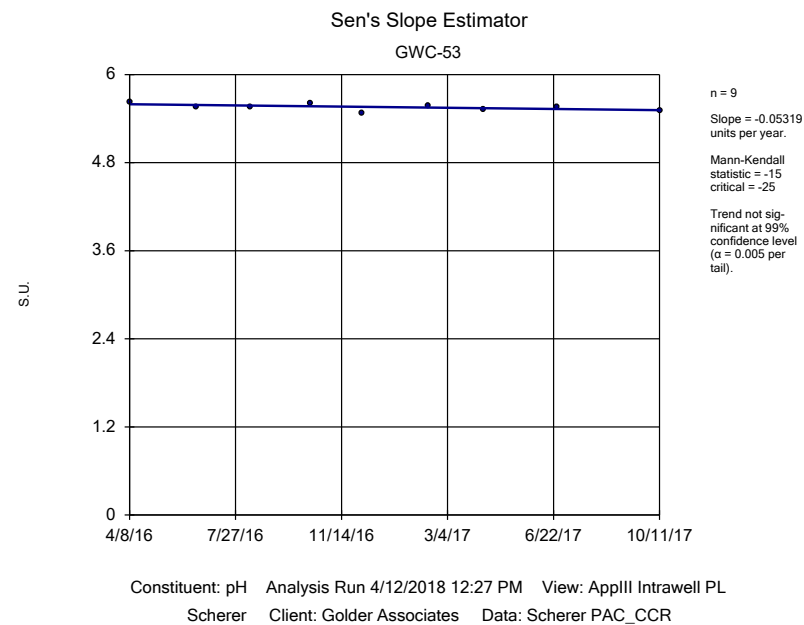
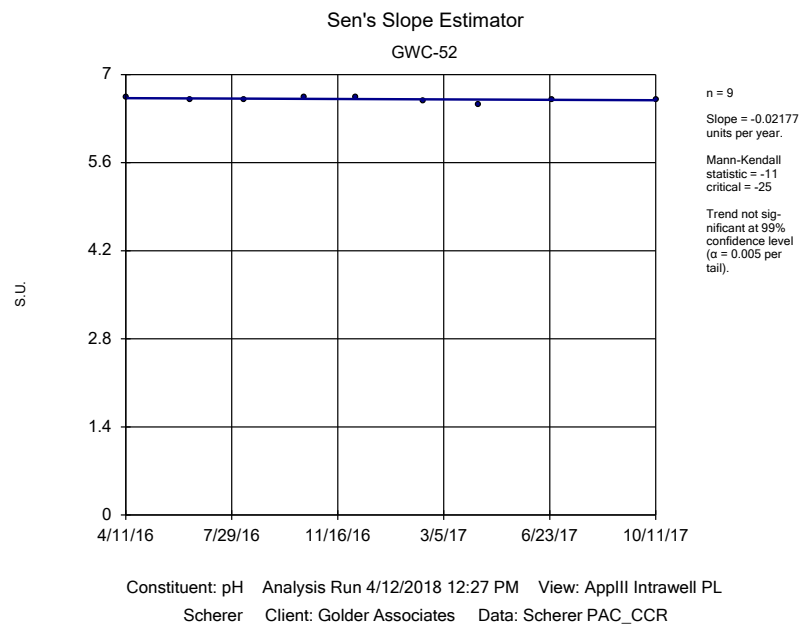
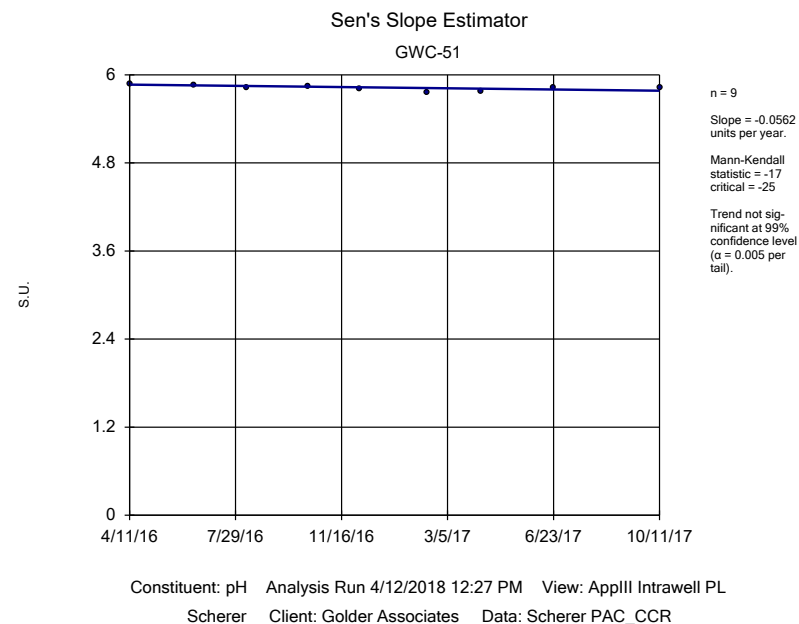
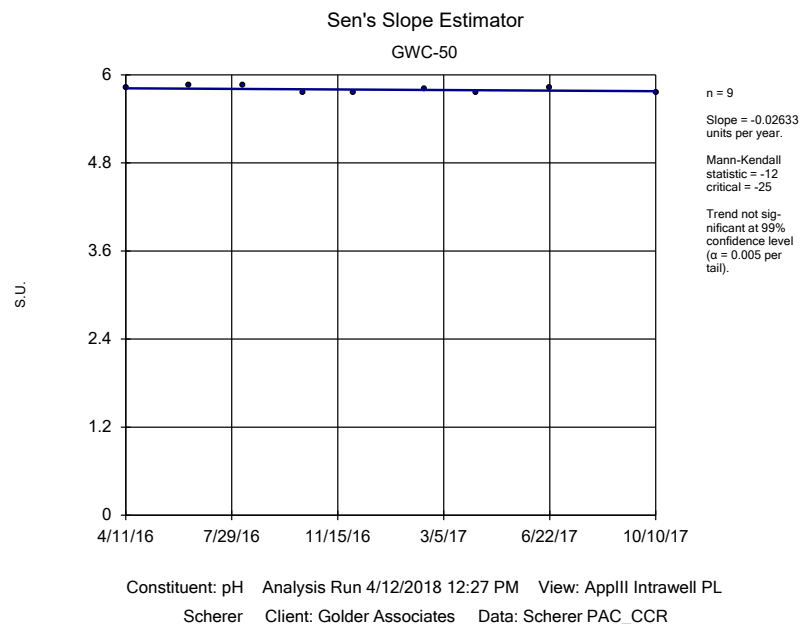
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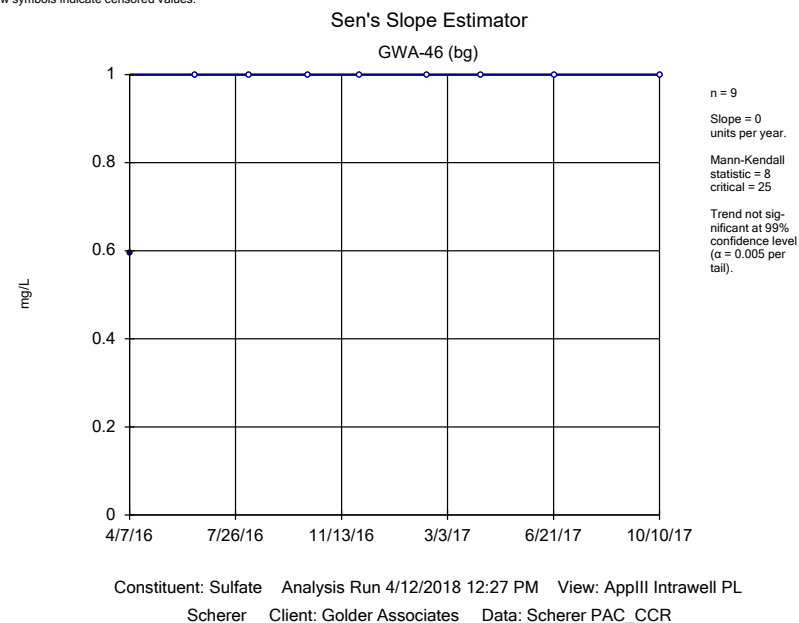
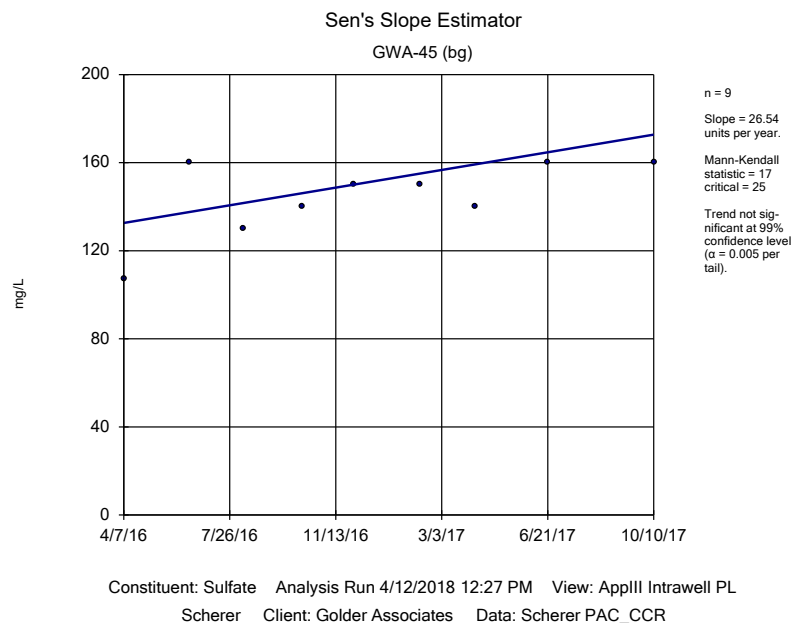
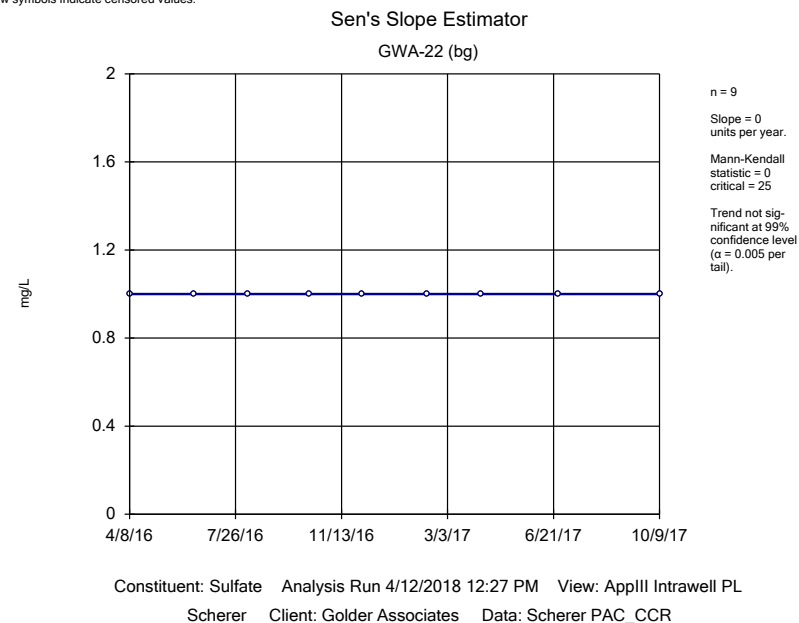
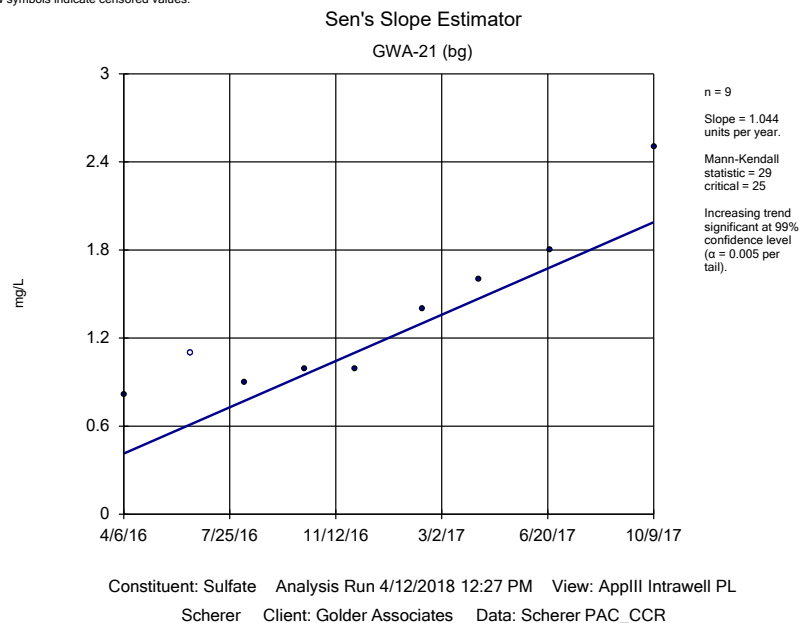


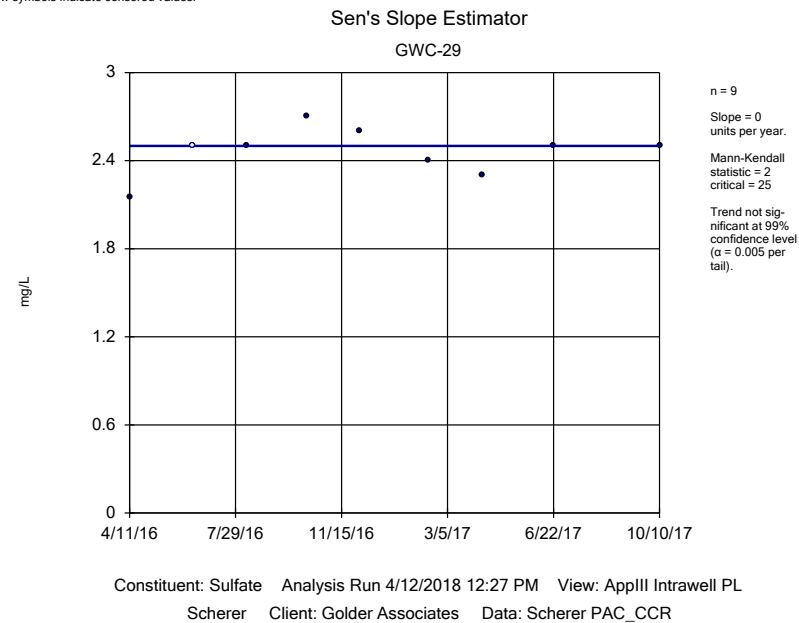
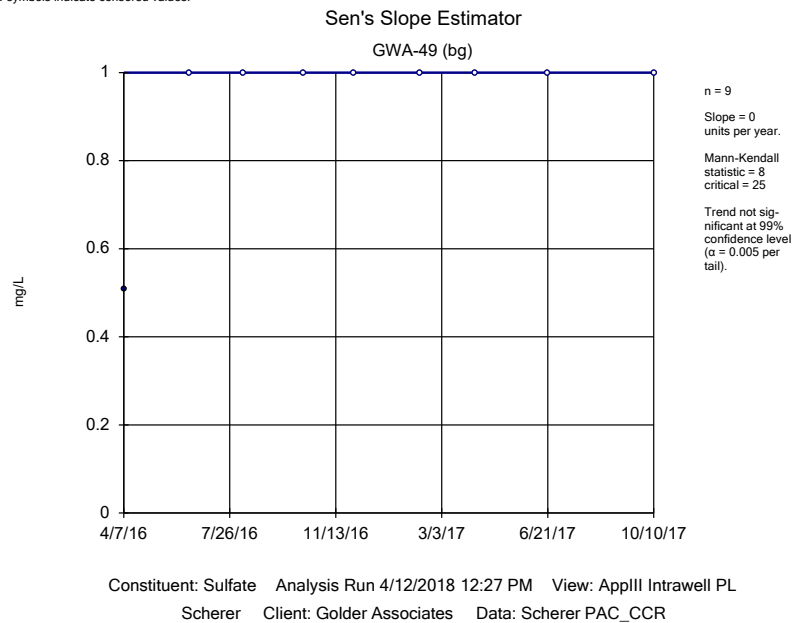
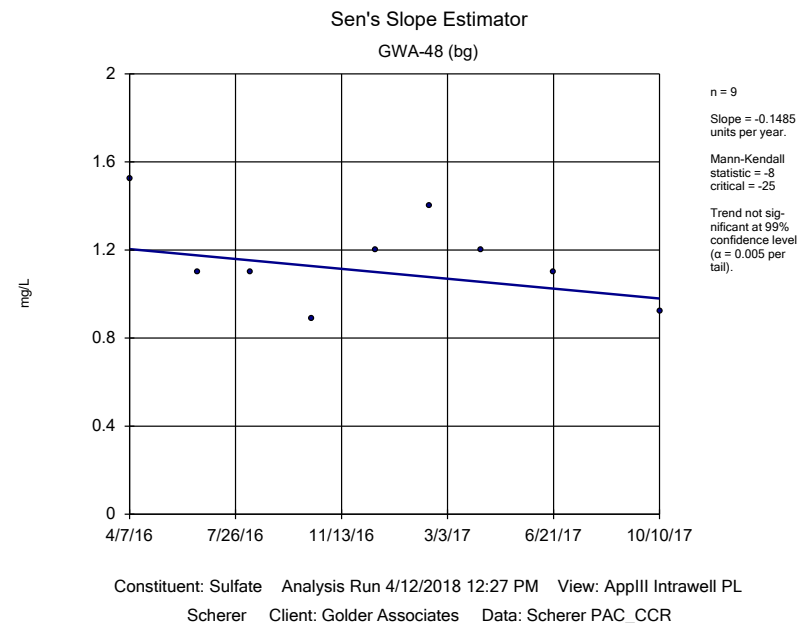
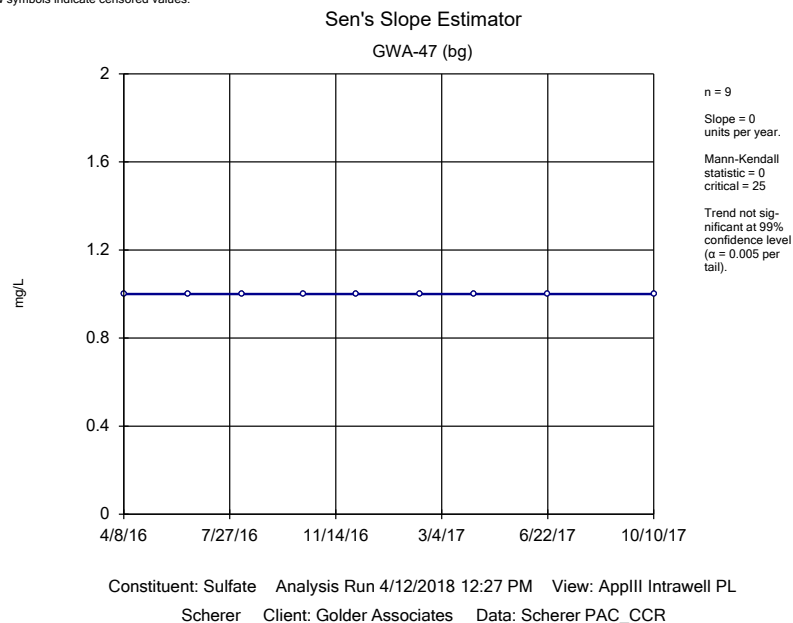
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

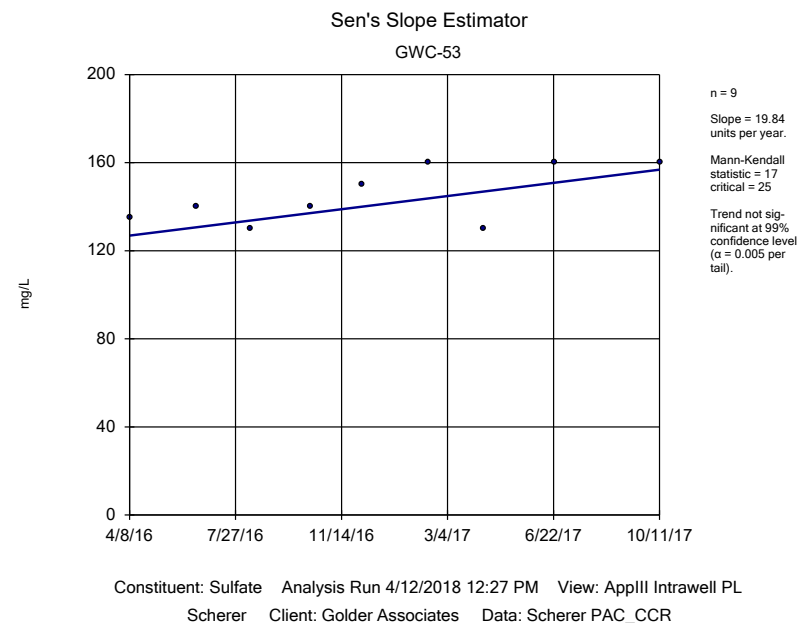
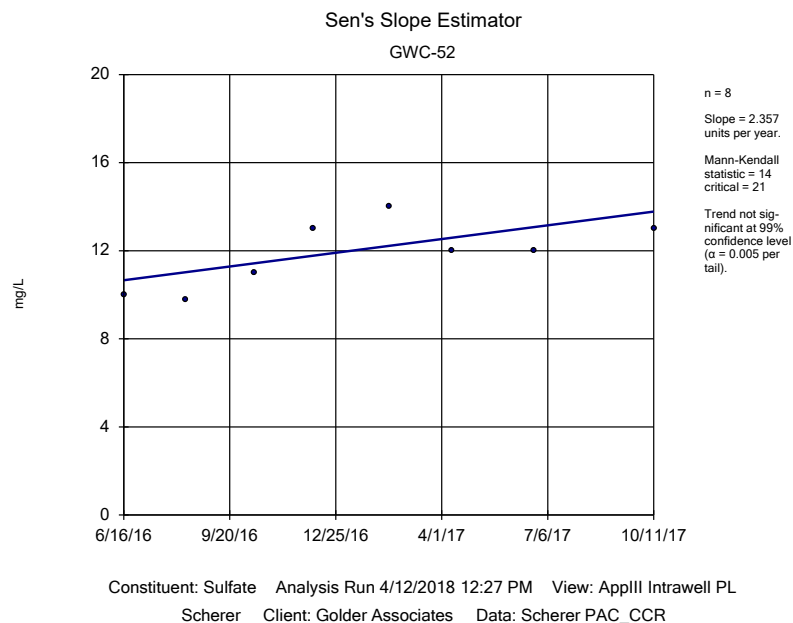
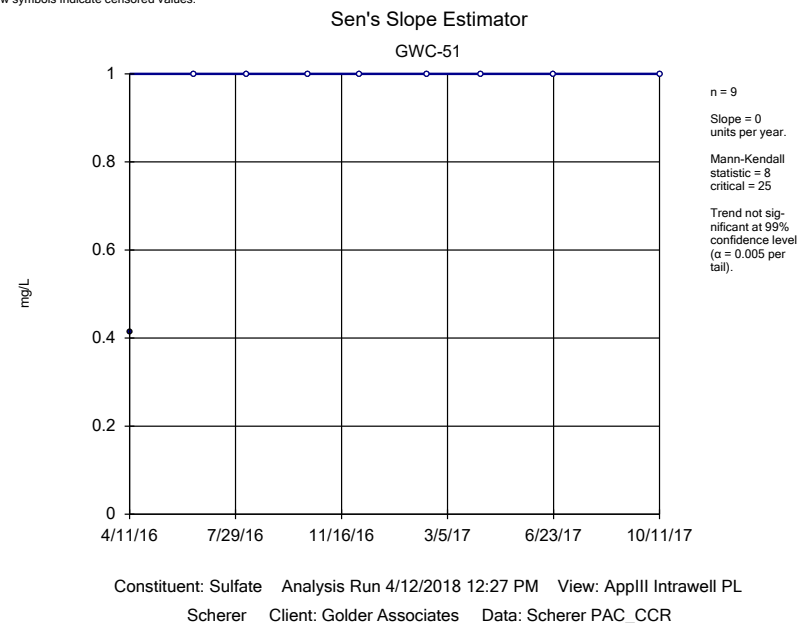
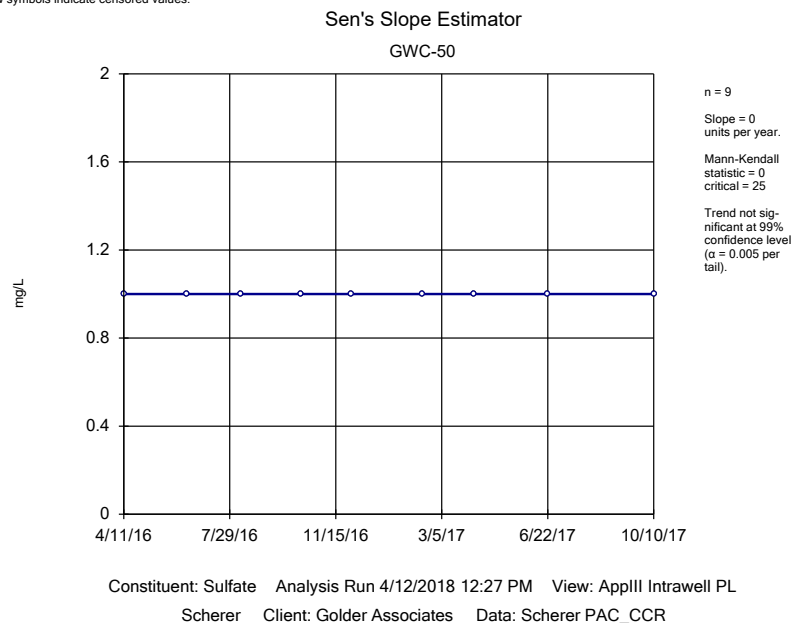


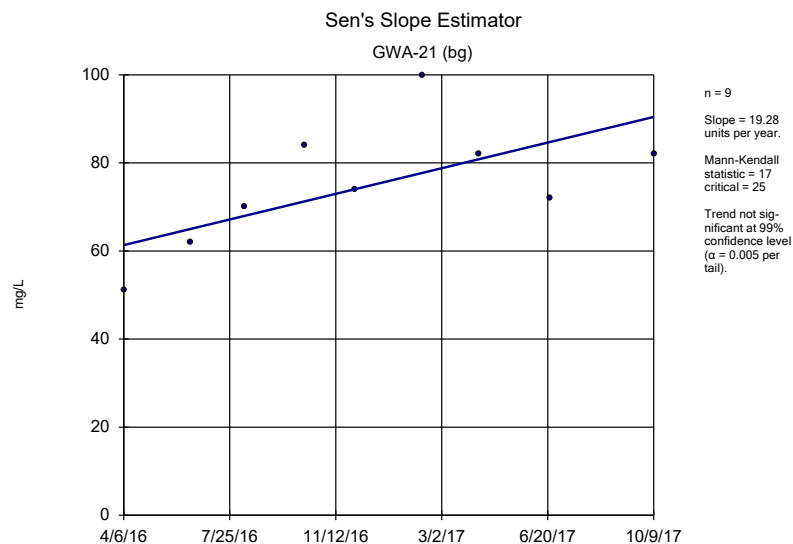
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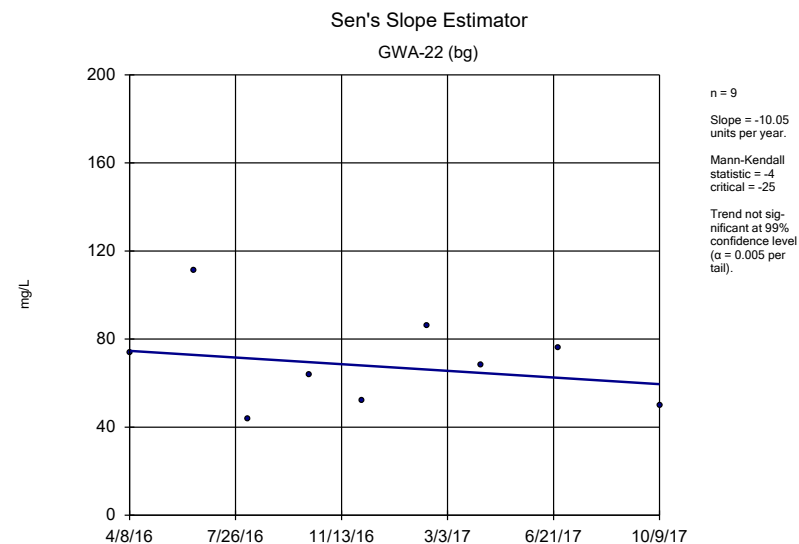




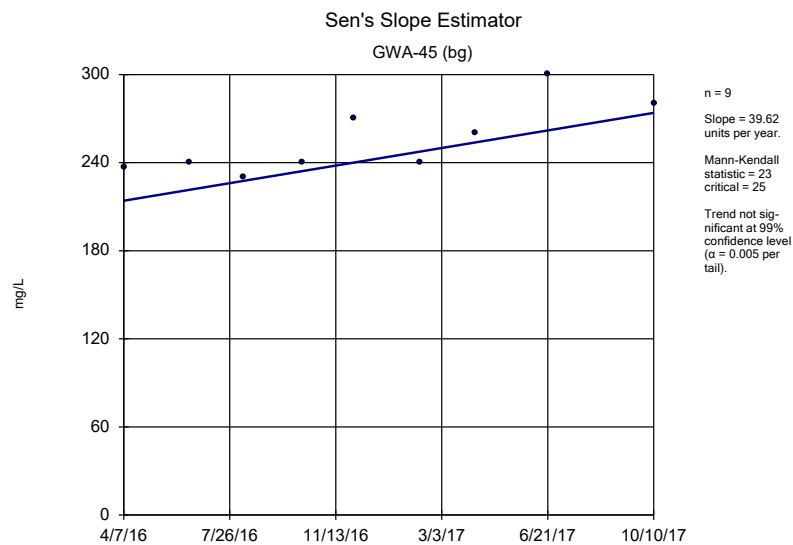




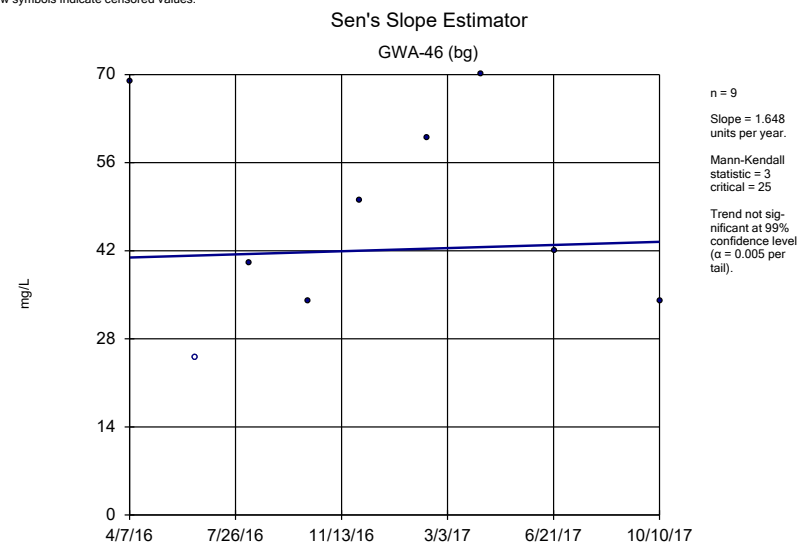
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Scherer Client: Golder Associates Data: Scherer PAC_CCR



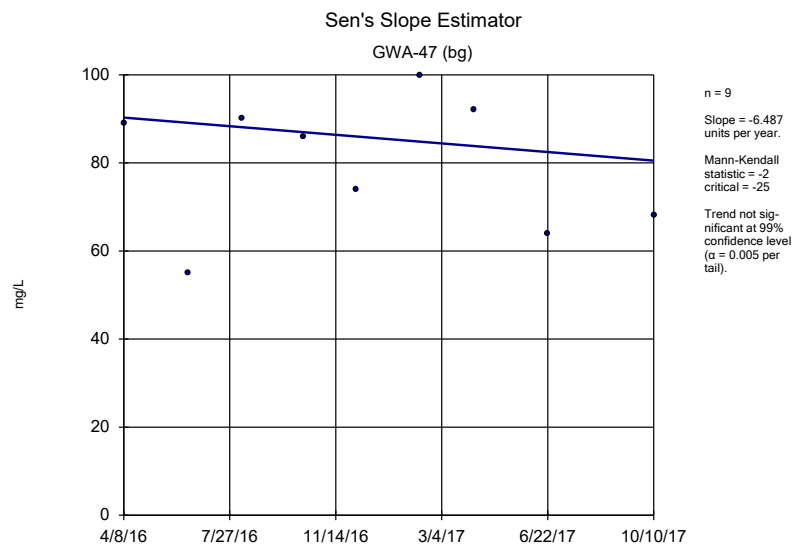
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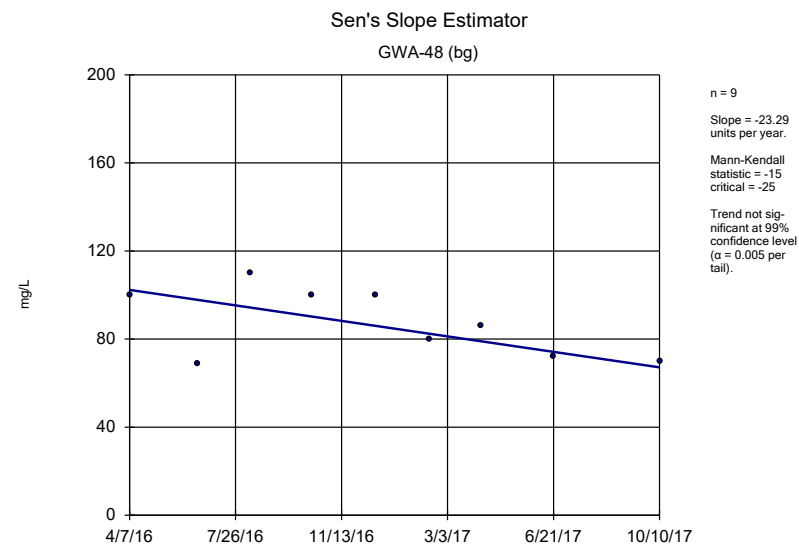
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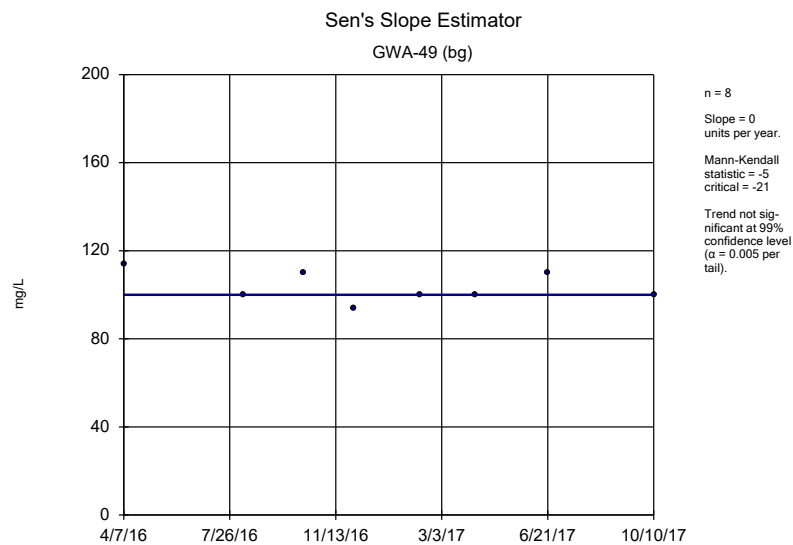
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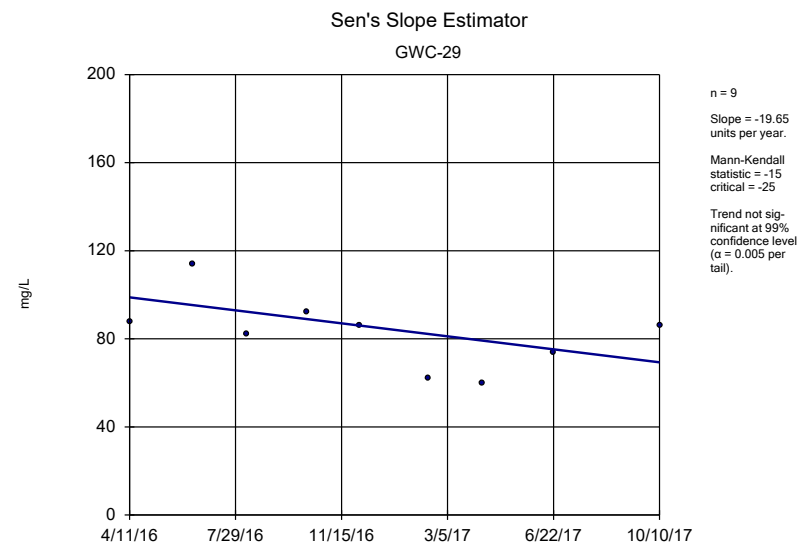
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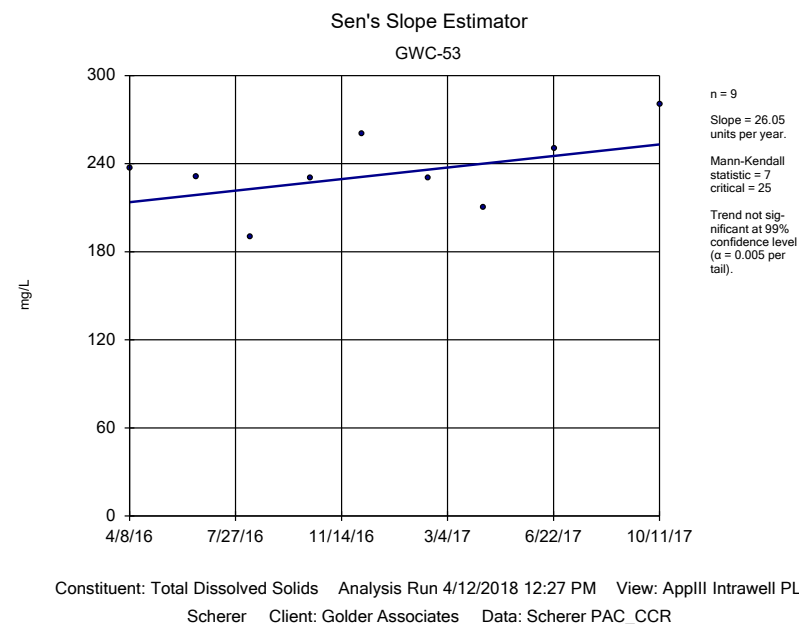
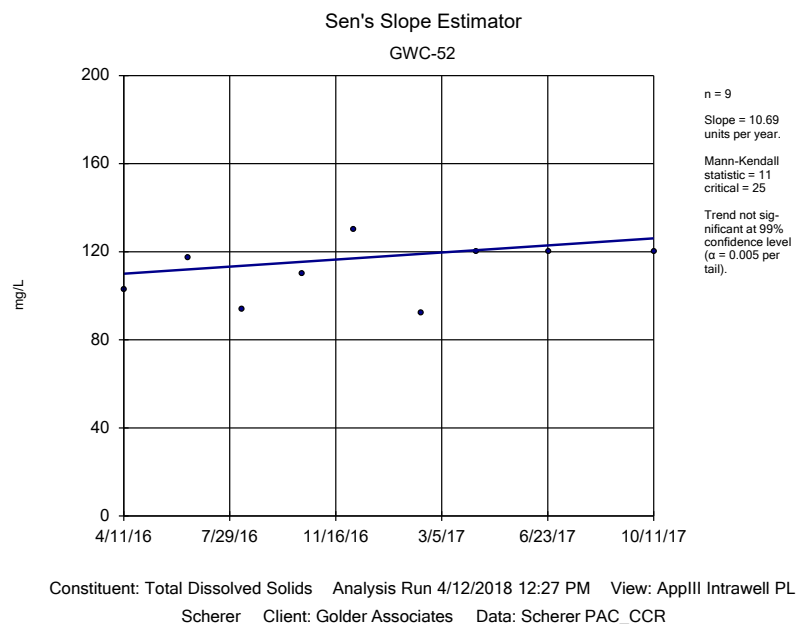
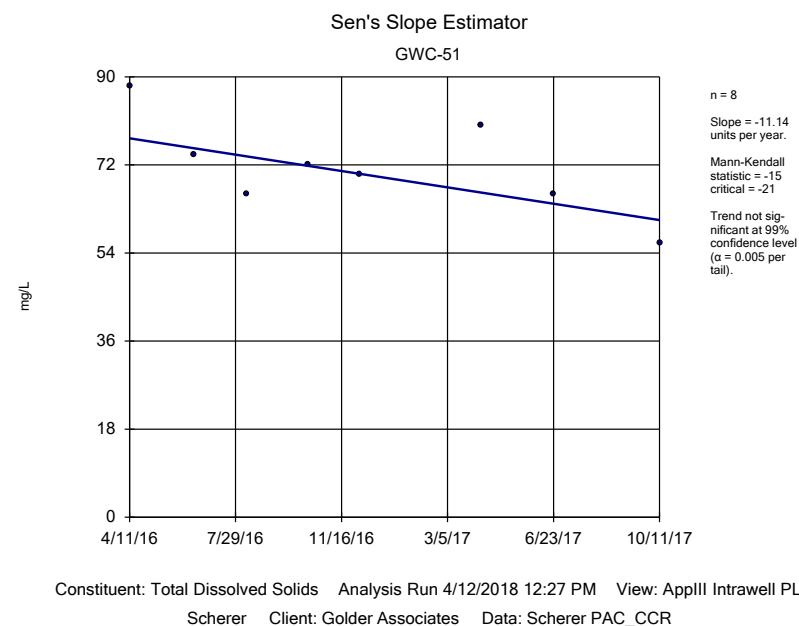
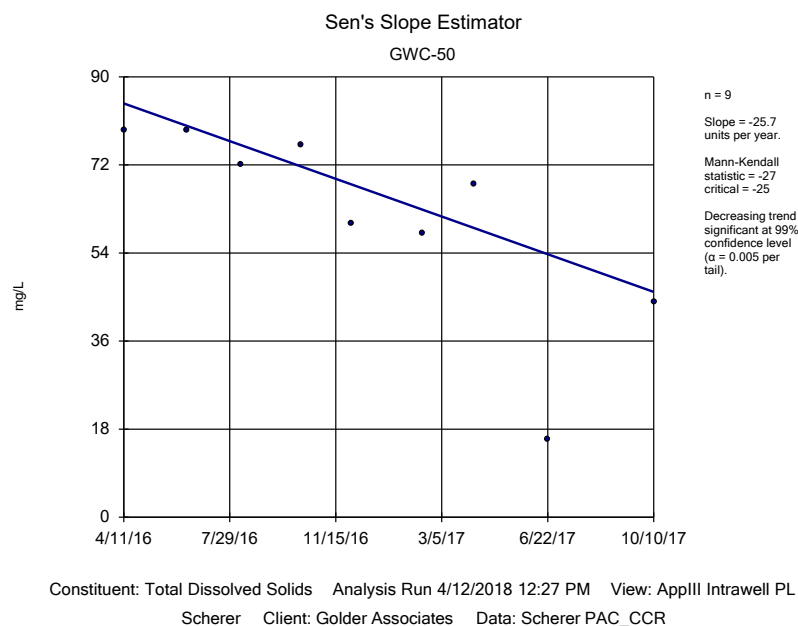
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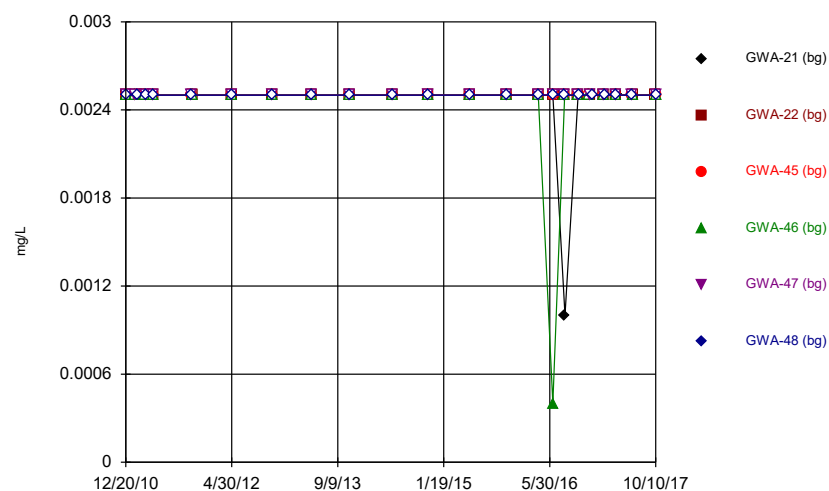
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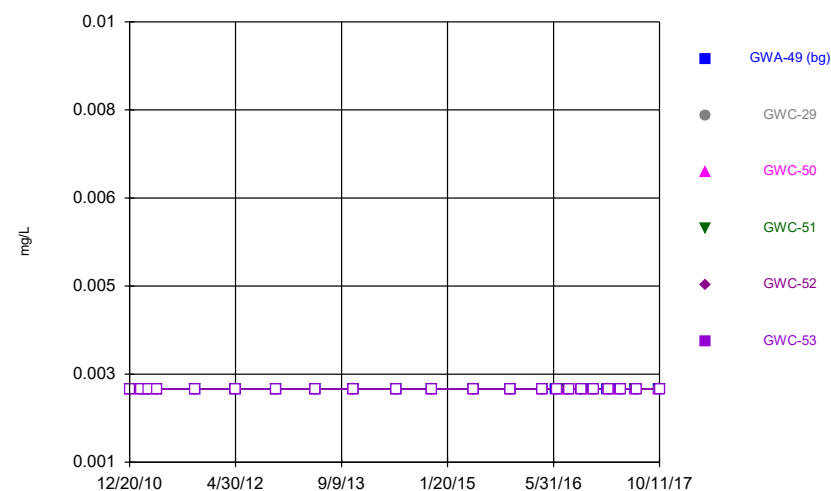
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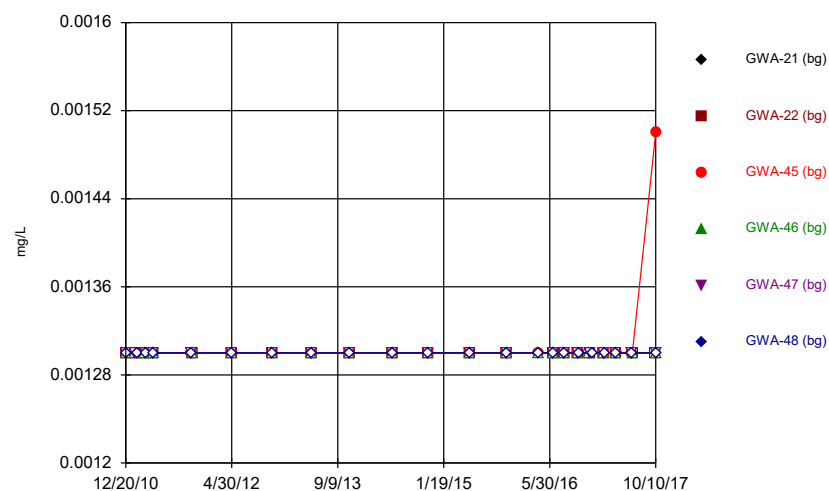
Time Series



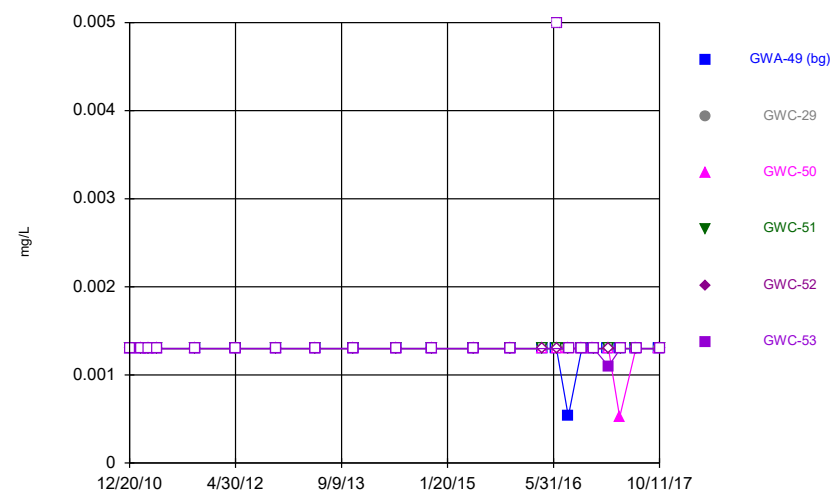
Time Series

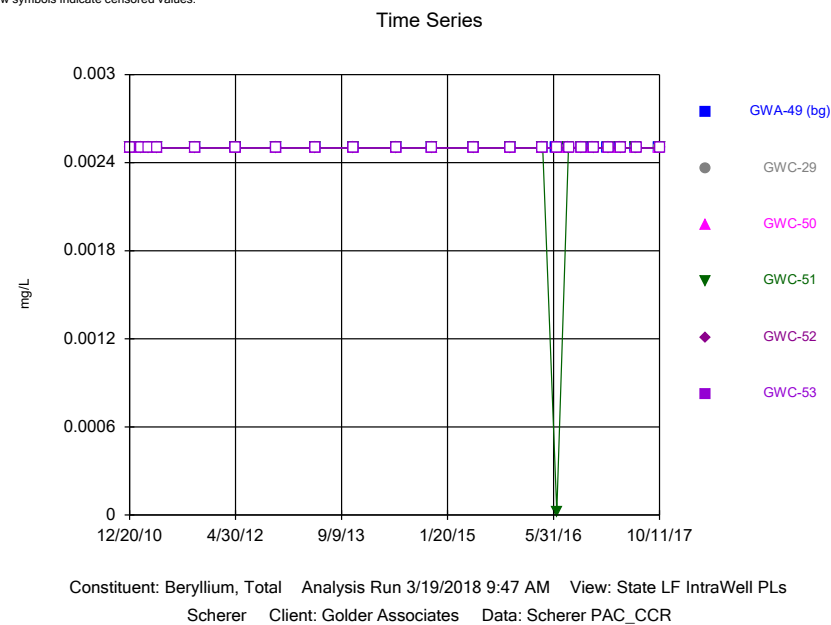
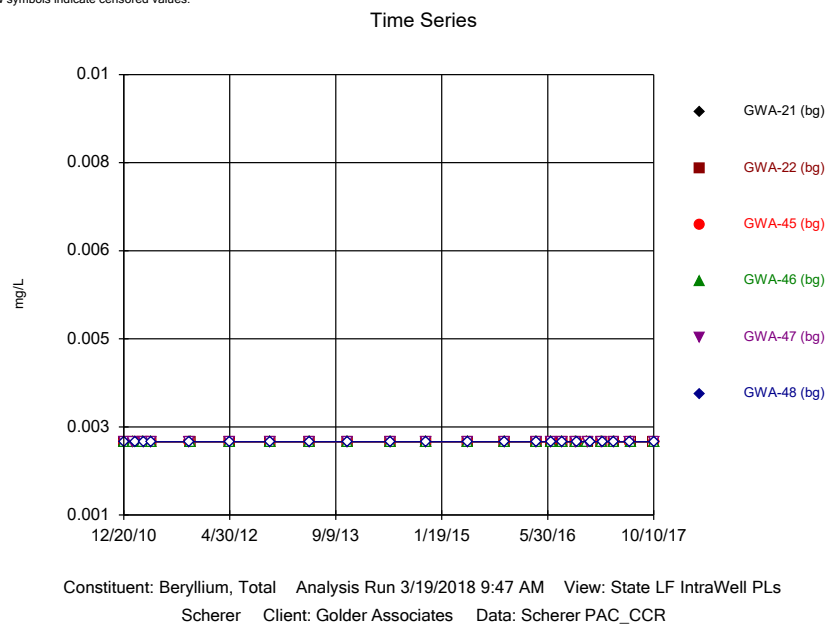
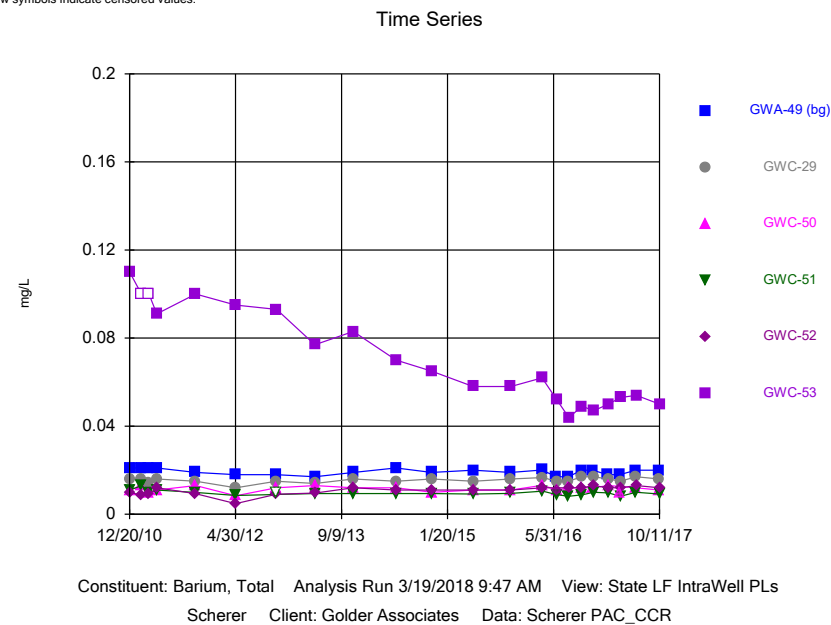
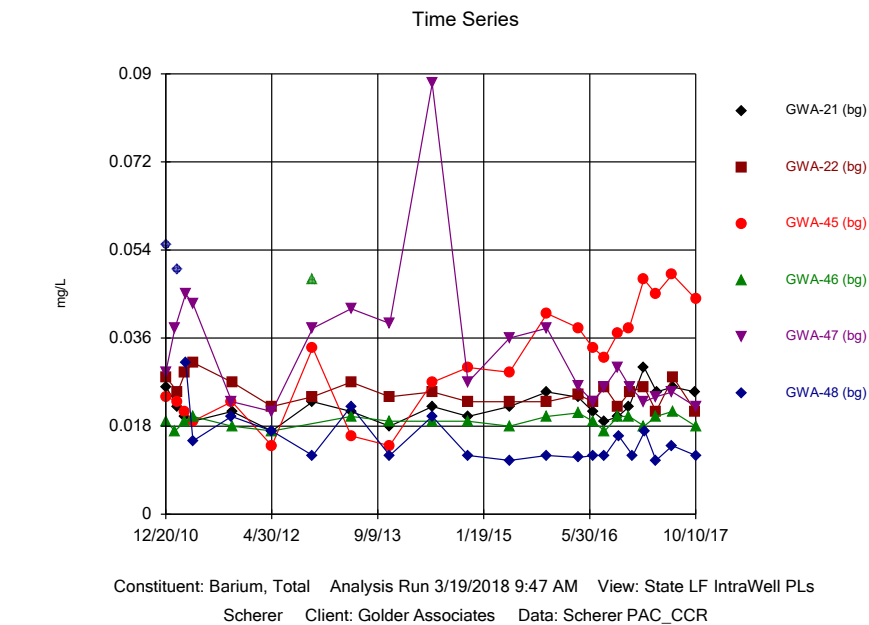


Time Series

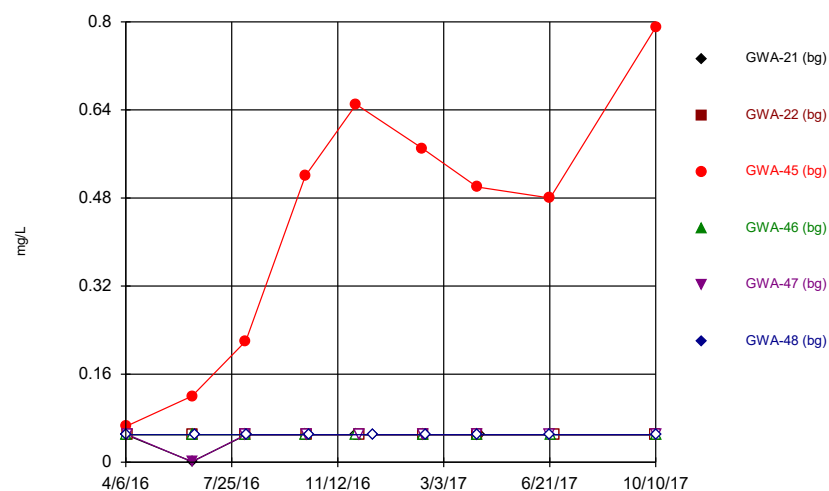


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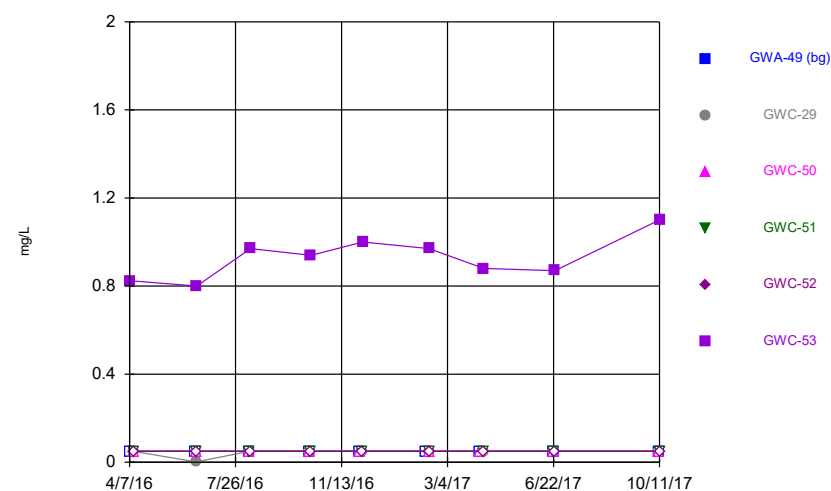


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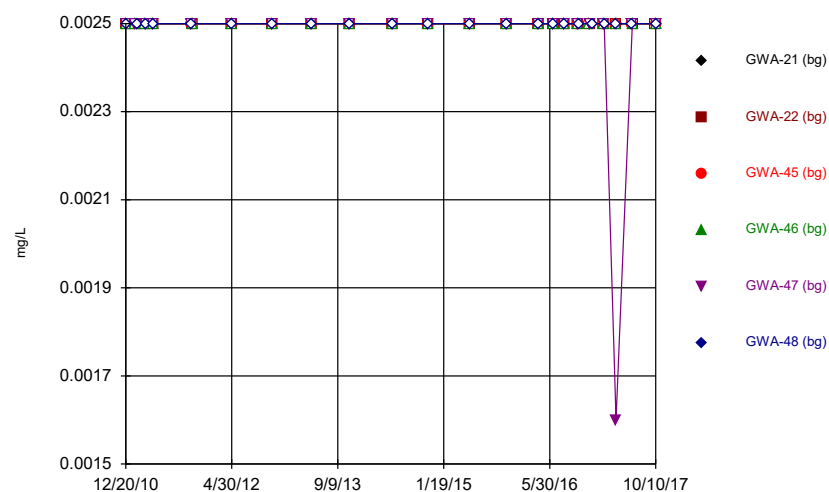
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



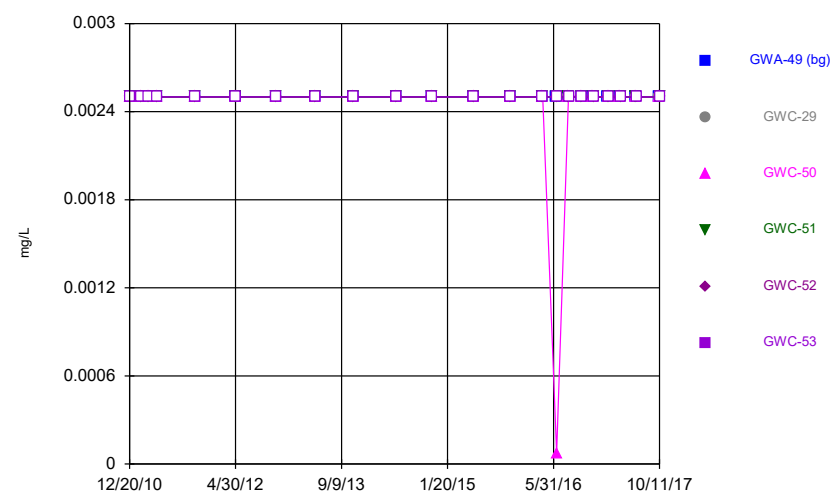
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Time Series



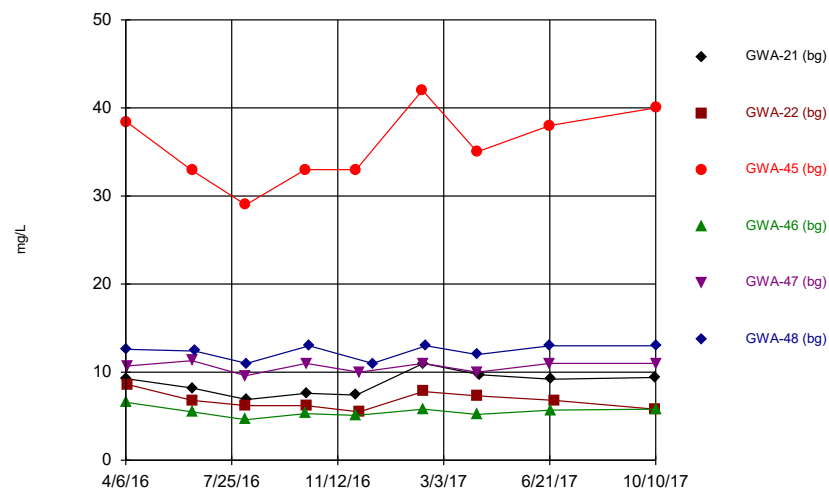
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series

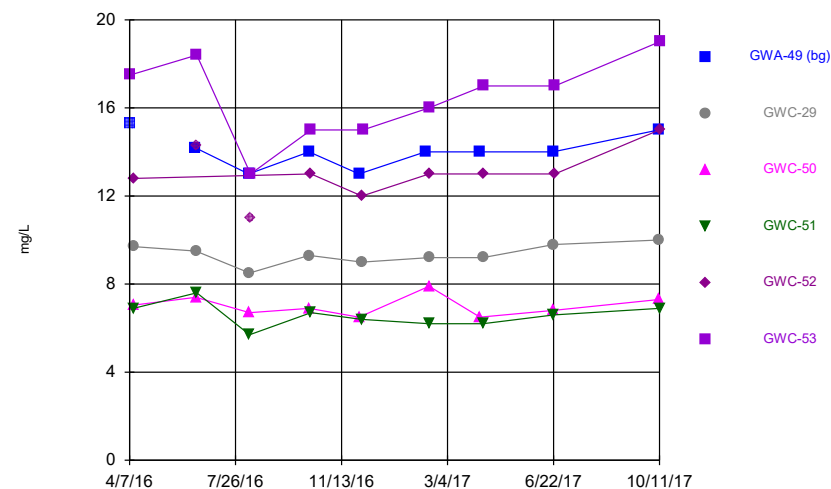


Constituent: Cadmium, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

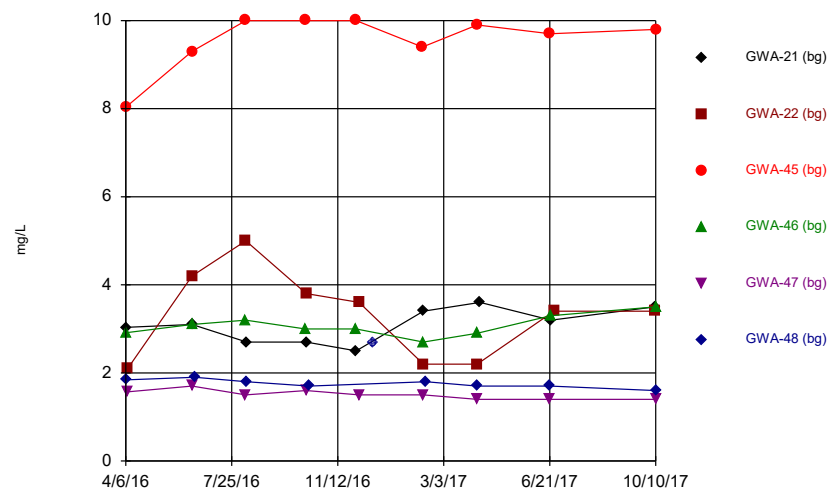
Time Series



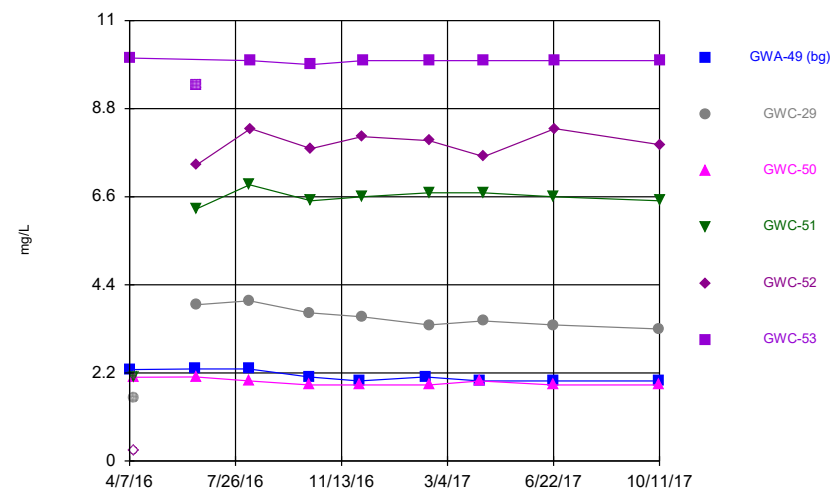
Time Series



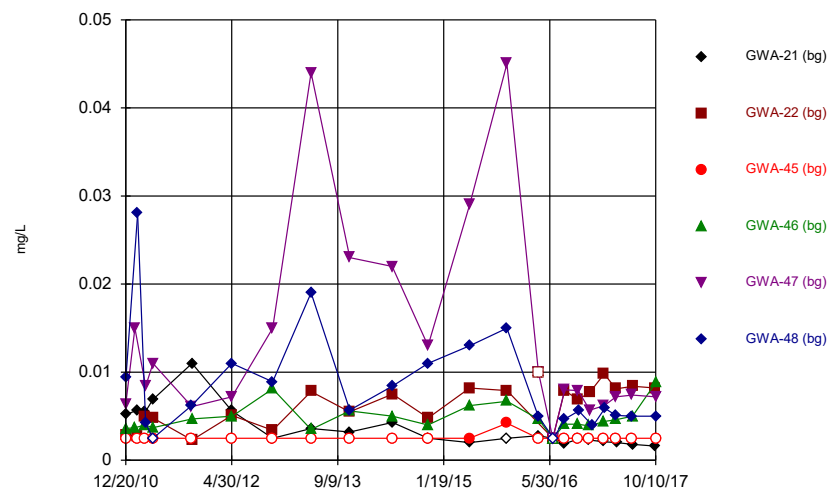
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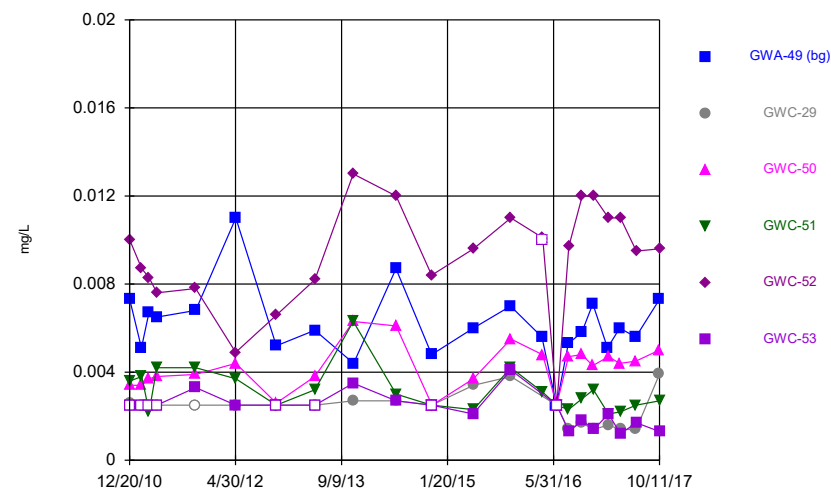
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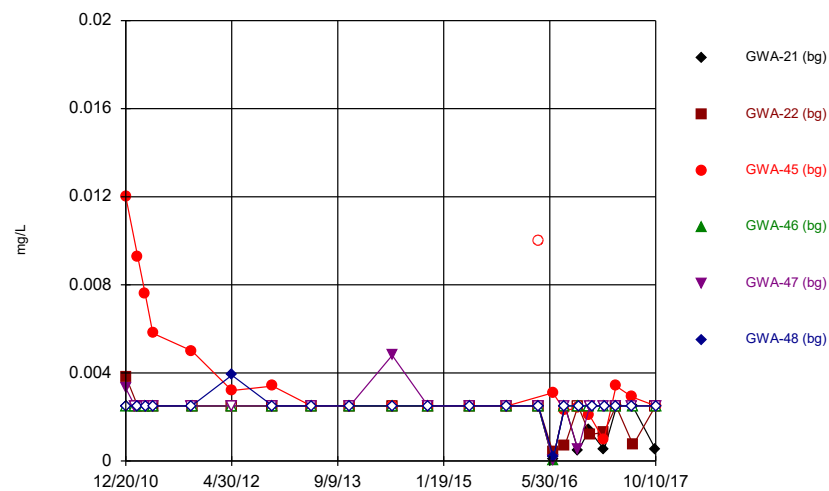
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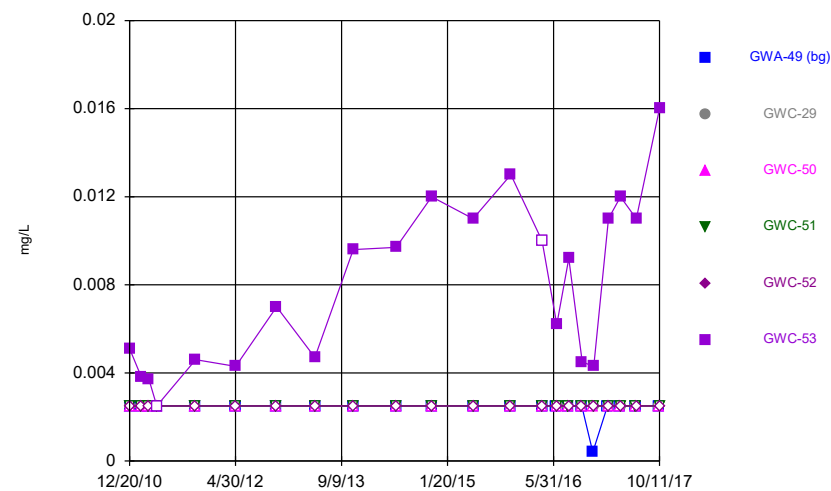
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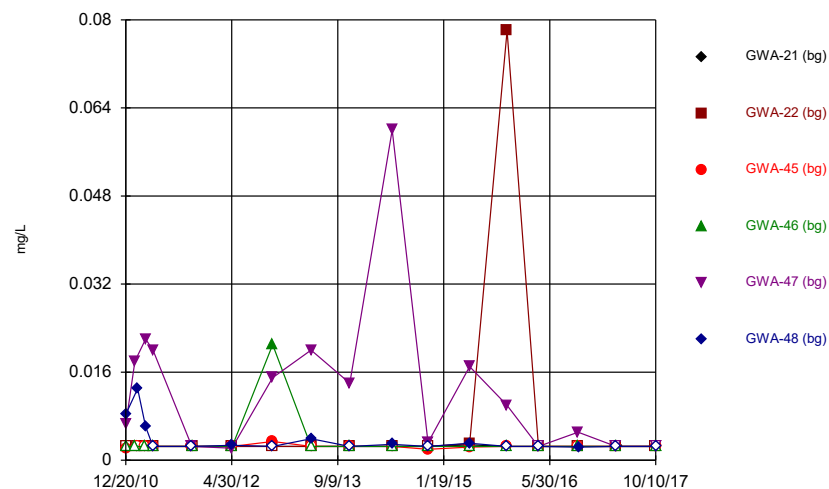
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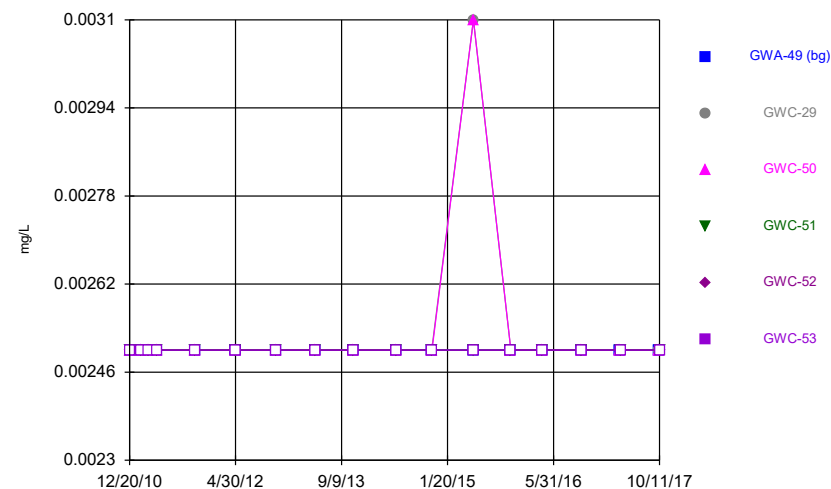
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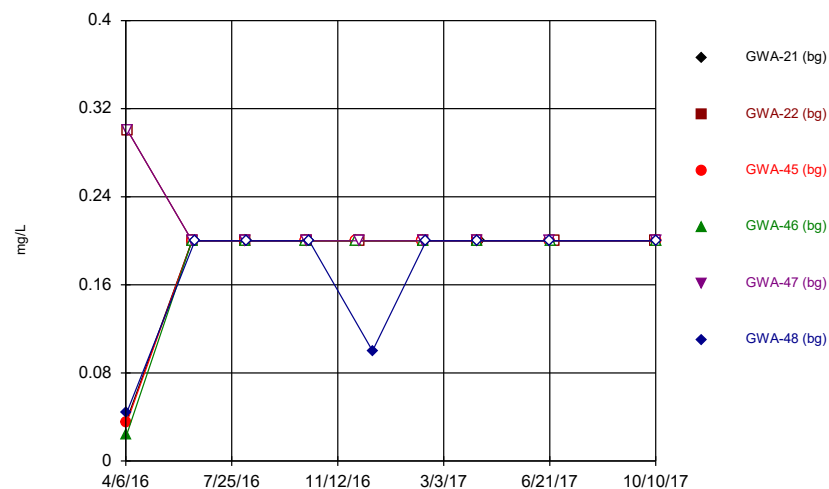
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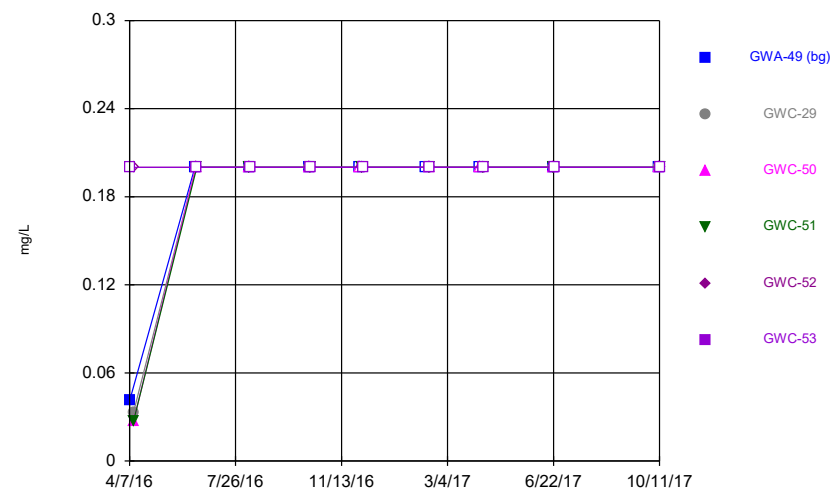
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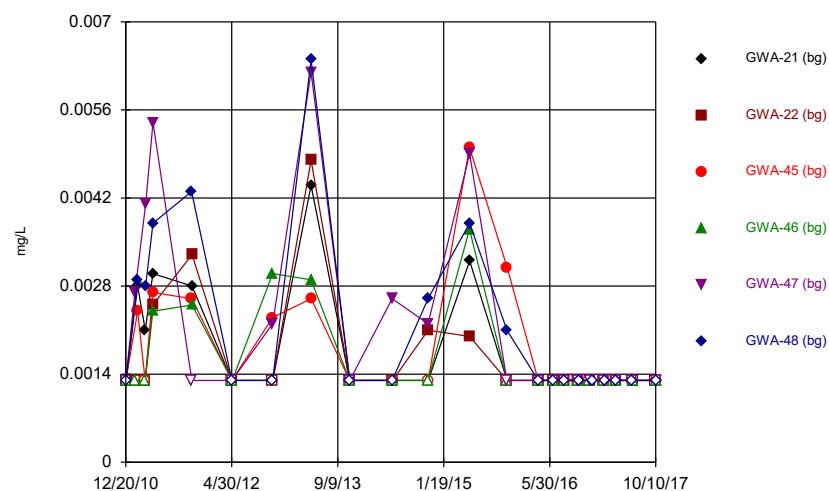
Time Series



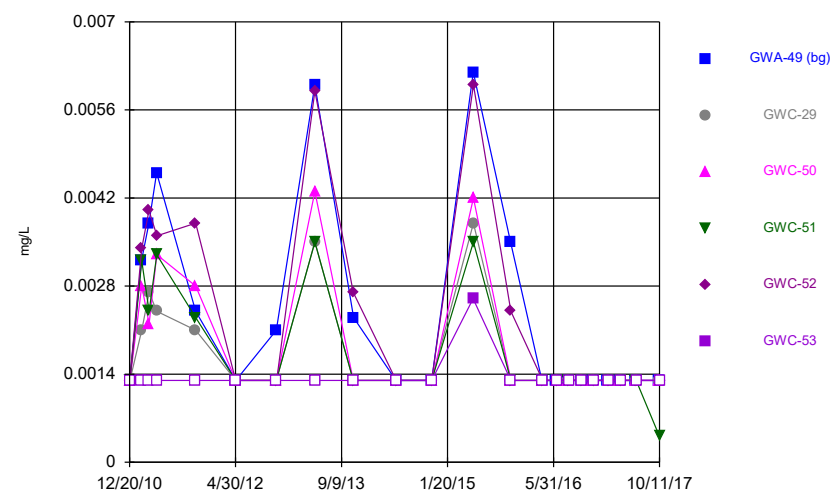
Time Series



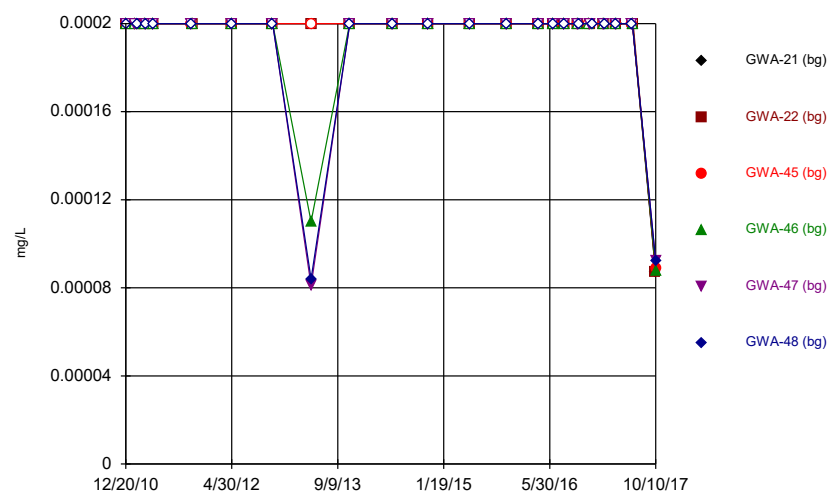
Time Series



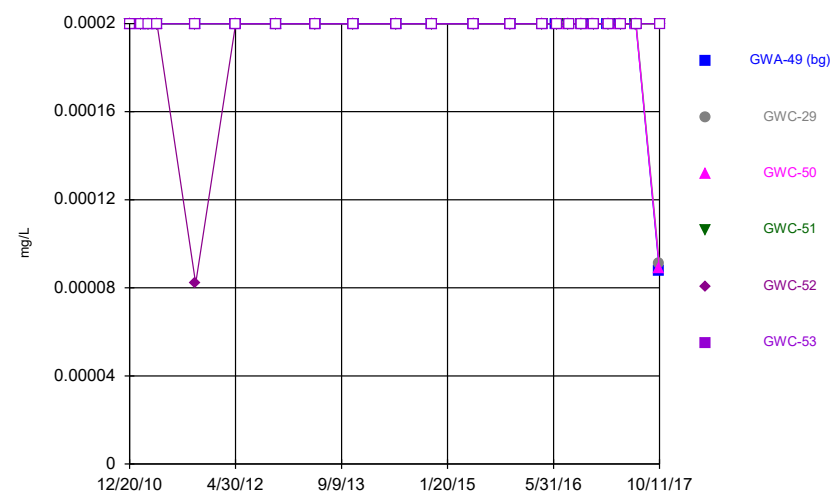
Time Series



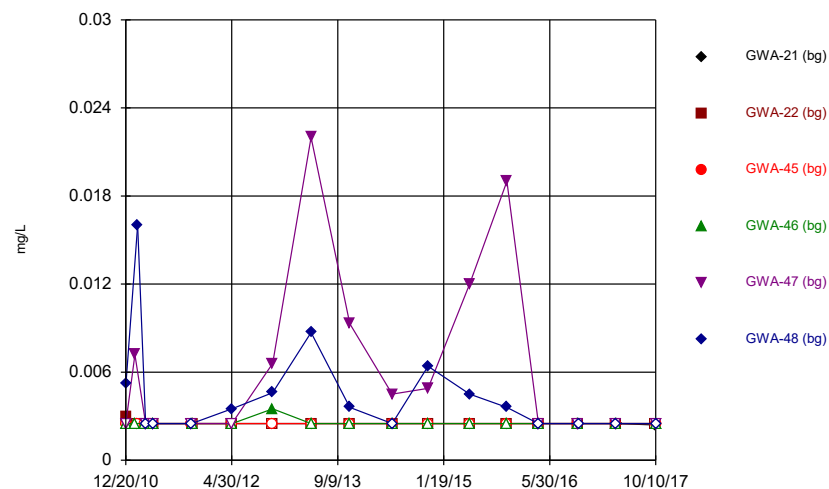
Time Series



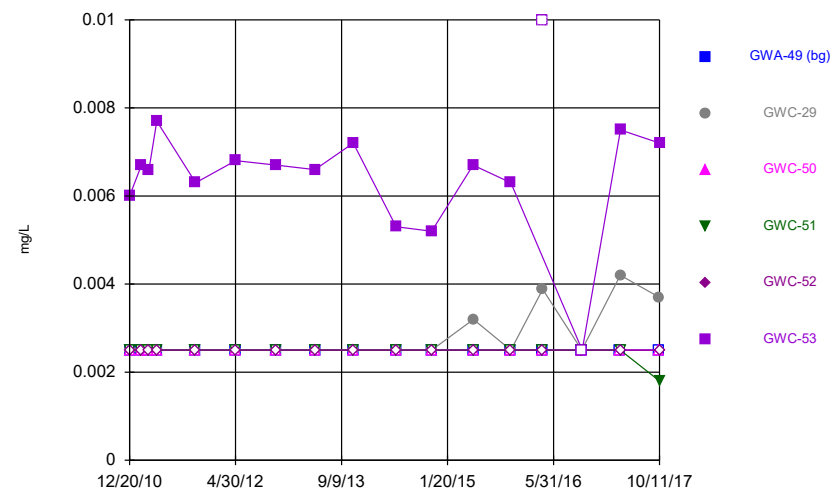
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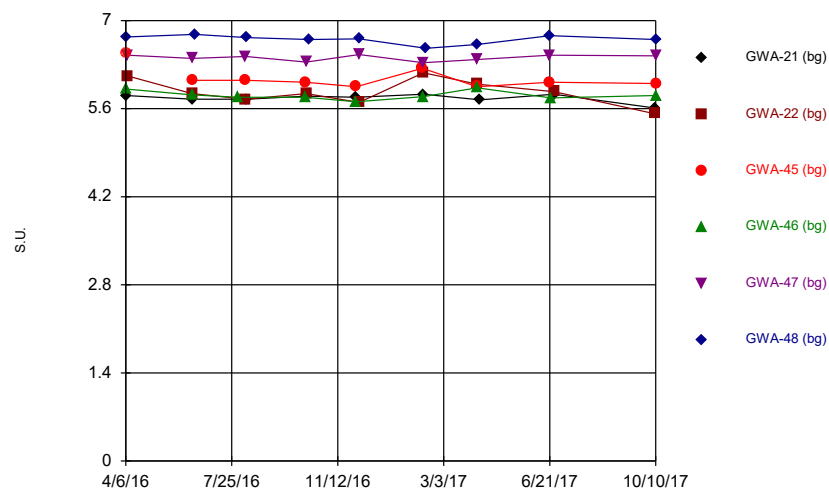
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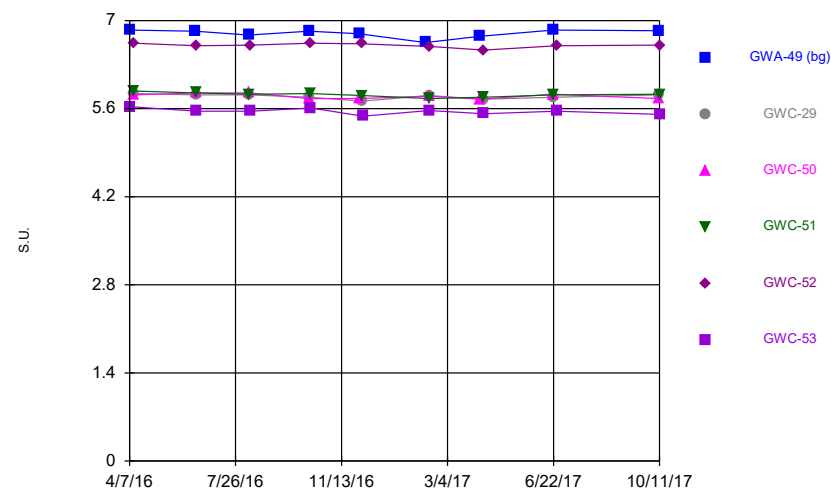
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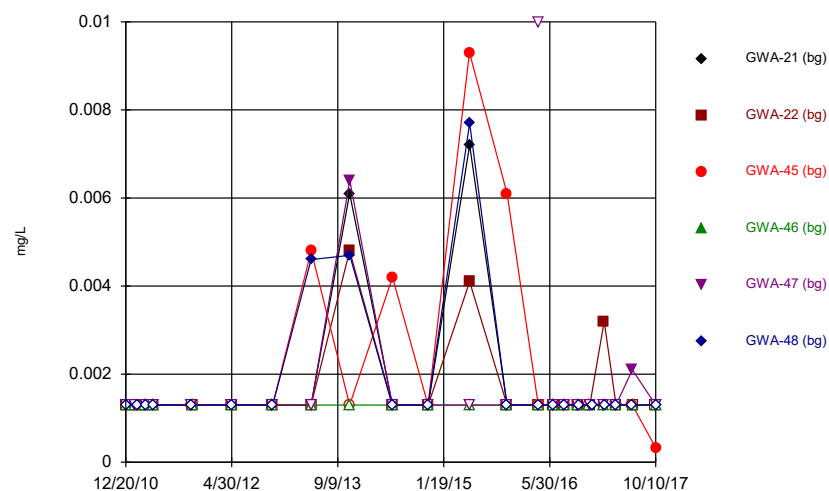
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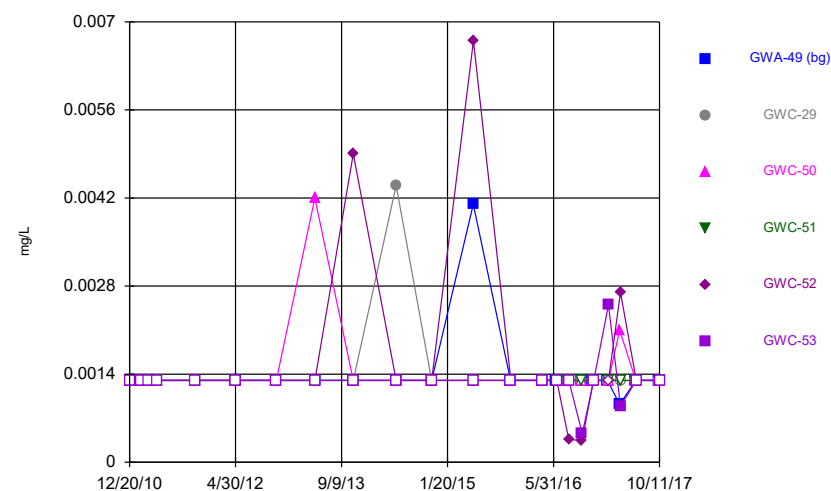
Time Series



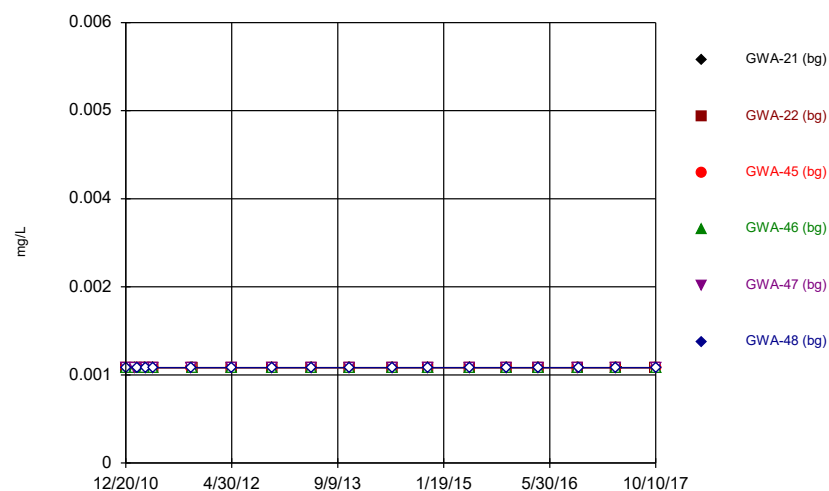
Time Series



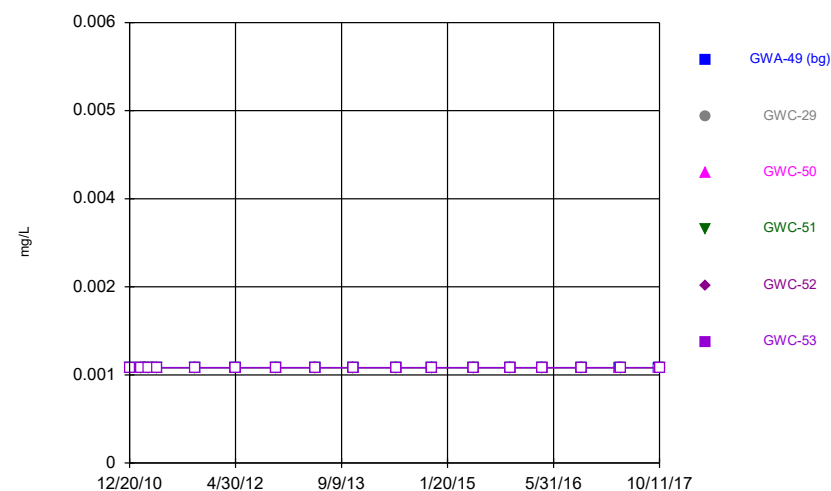
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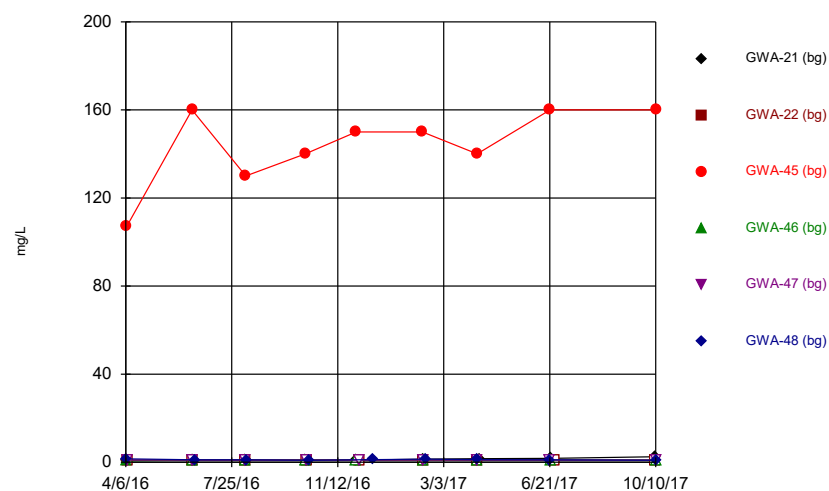
Time Series



Time Series

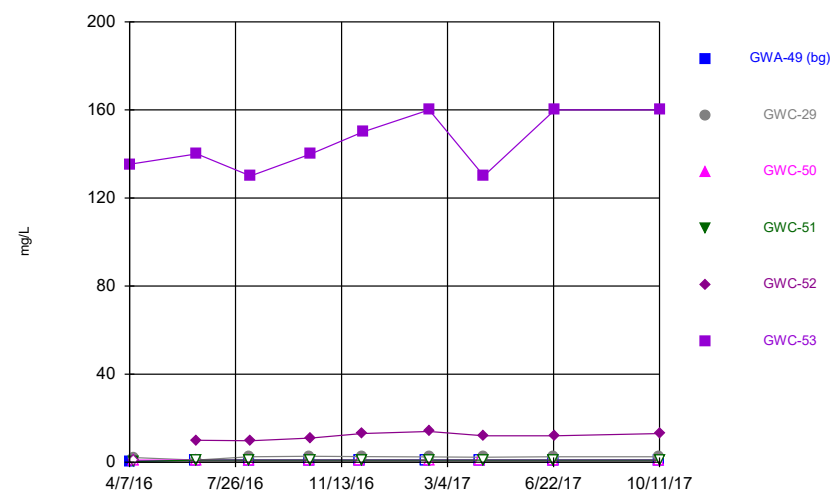


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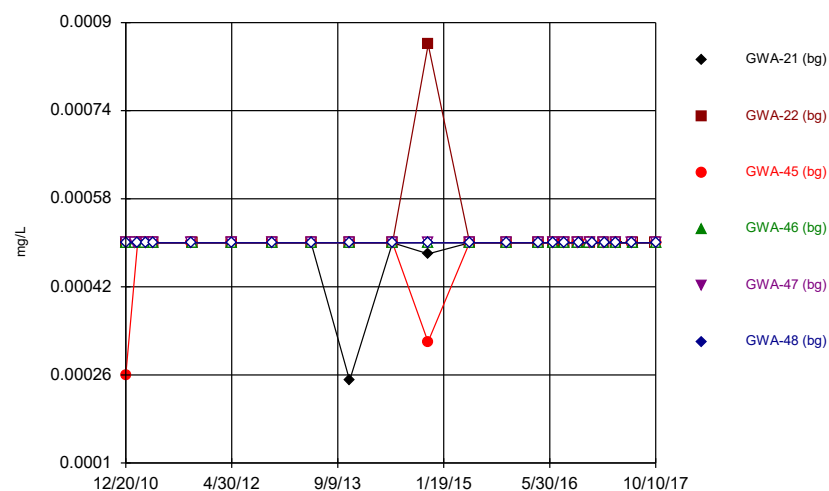
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



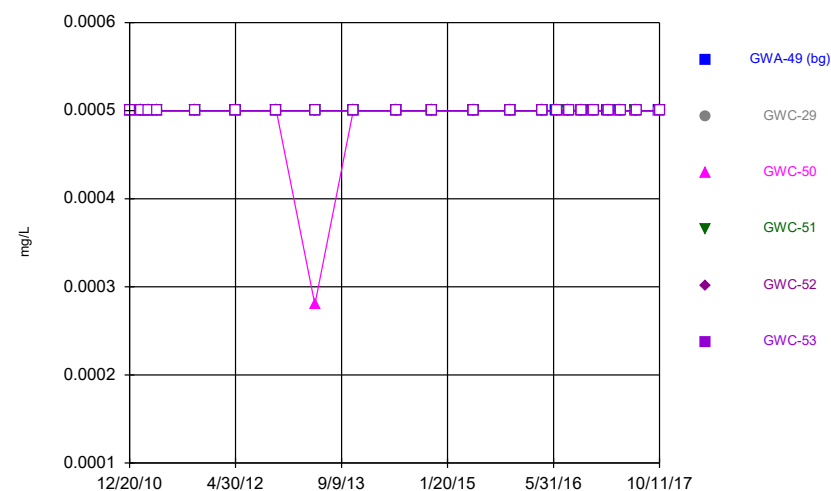
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



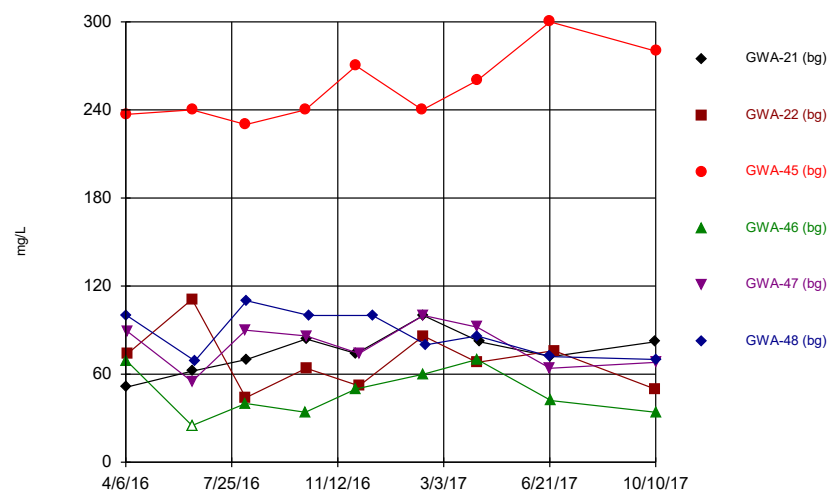
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



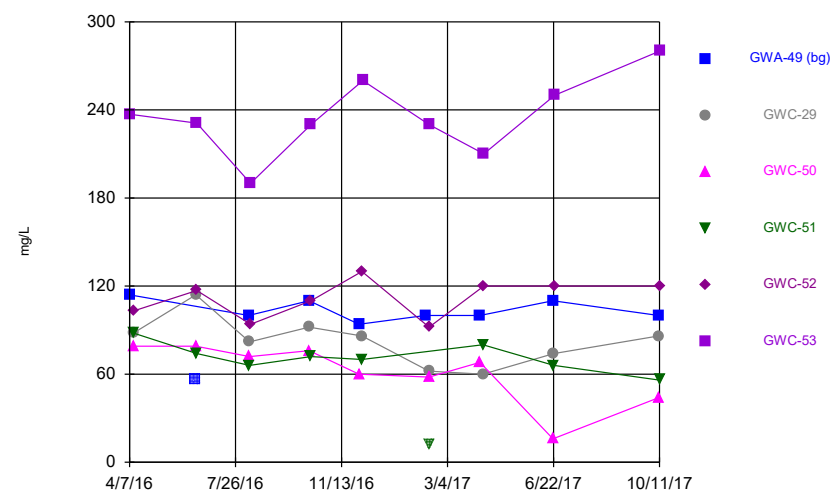
Constituent: Thallium, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



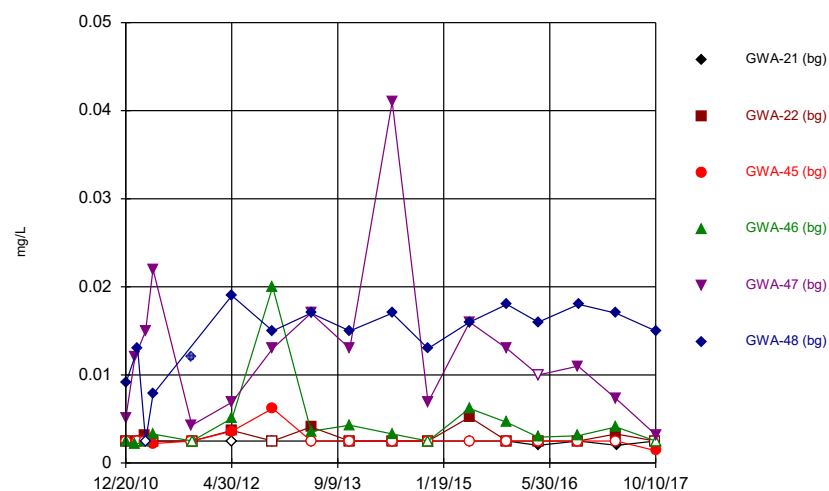
Constituent: Total Dissolved Solids Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



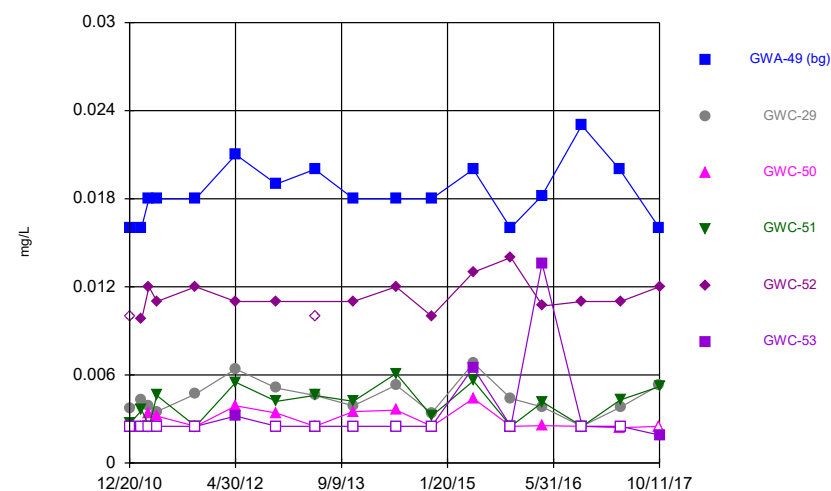
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



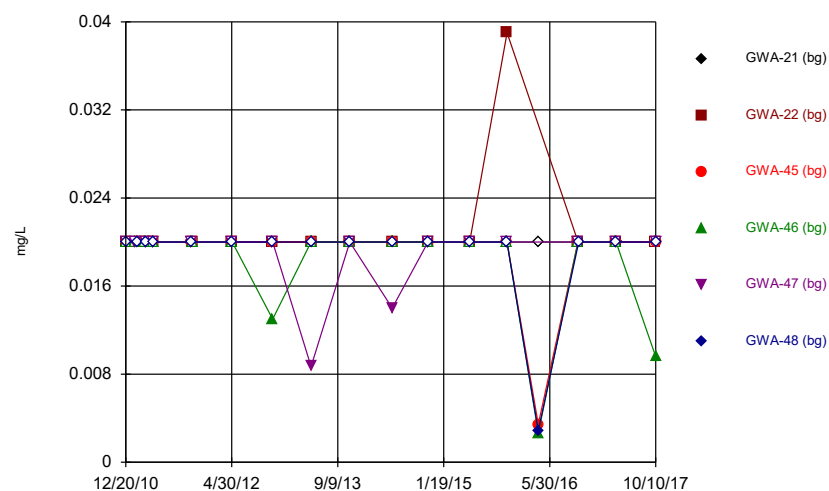
Constituent: Vanadium, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



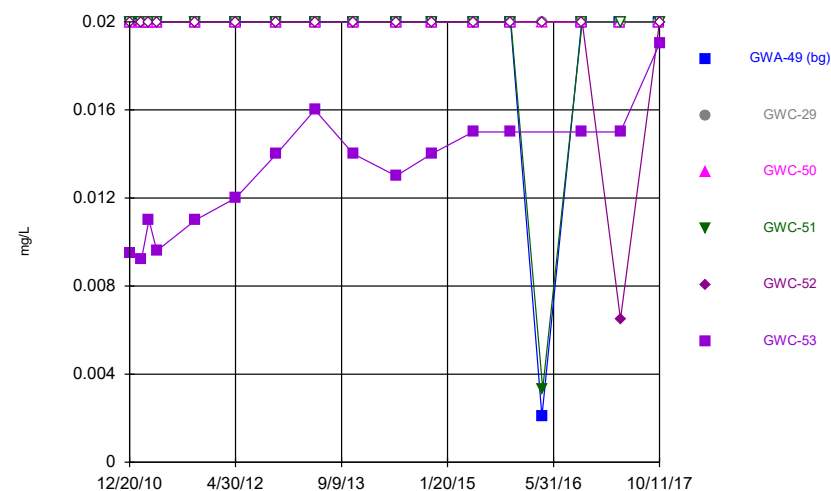
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Zinc, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Zinc, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

APPENDIX B

**INTRA-WELL STATISTICAL
ANALYSES**

INTRA-WELL STATISTICAL ANALYSES

CELL 1

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 3/22/2018, 2:07 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWC-4	14.96	n/a	10/6/2017	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	10/6/2017	16	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-9	18.99	n/a	10/5/2017	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	18.83	n/a	10/5/2017	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	6.805	n/a	10/6/2017	7.4	Yes	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.507	6.116	10/6/2017	5.9	Yes	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-7	6.487	6.155	10/6/2017	5.96	Yes	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	10/5/2017	130	Yes	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 3/22/2018, 2:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-15	0.05	n/a	10/4/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.05	n/a	10/5/2017	0.05ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.05	n/a	10/4/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.05	n/a	10/4/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.05	n/a	10/6/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.05	n/a	10/6/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.05	n/a	10/6/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3593	n/a	n/a	1 future	n/a	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1437	n/a	10/5/2017	0.083	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.05	n/a	10/6/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.889	n/a	10/4/2017	4.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.27	n/a	10/5/2017	13	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.172	n/a	10/5/2017	6.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.91	n/a	10/4/2017	19	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	21.36	n/a	10/4/2017	19	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.32	n/a	10/5/2017	10	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	14.96	n/a	10/6/2017	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	20.84	n/a	10/6/2017	19	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	10/6/2017	16	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-8A	39.47	n/a	n/a	1 future	n/a	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	18.99	n/a	10/5/2017	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	18.83	n/a	10/5/2017	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	15.18	n/a	10/5/2017	14	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.371	n/a	10/5/2017	1.1	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	6.805	n/a	10/6/2017	7.4	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.363	n/a	10/5/2017	7.2	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	12.34	n/a	10/5/2017	11	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	12.87	n/a	10/5/2017	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	16.3	n/a	10/5/2017	15	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	5.716	n/a	10/4/2017	5.2	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	2.222	n/a	10/5/2017	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.026	n/a	10/5/2017	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.71	n/a	10/4/2017	3.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.613	n/a	10/4/2017	2	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.786	n/a	10/5/2017	3.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	10/6/2017	9.1	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.831	n/a	10/6/2017	5.1	No	7	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	1.8	n/a	10/6/2017	1.6	No	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWC-8A	8.25	n/a	n/a	1 future	n/a	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.524	n/a	10/5/2017	3.3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.453	n/a	10/5/2017	2.3	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 3/22/2018, 2:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	GWC-11	2.099	n/a	10/5/2017	1.7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.096	n/a	10/5/2017	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	2.118	n/a	10/6/2017	1.3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.378	n/a	10/5/2017	2.8	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.69	n/a	10/5/2017	2.3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	1.9	n/a	10/5/2017	1.6	No	8	0	n/a	0.02144	NP Intra (normality) ...
Chloride (mg/L)	GWC-20	2.328	n/a	10/5/2017	1.9	No	7	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWA-15	0.2	n/a	10/4/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1349	n/a	10/4/2017	0.2ND	No	8	37.5	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.2	n/a	10/4/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.2	n/a	10/5/2017	0.2ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1871	n/a	10/6/2017	0.096	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-6	0.2	n/a	10/6/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.2	n/a	10/6/2017	0.2ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2403	n/a	n/a	1 future	n/a	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.2	n/a	10/5/2017	0.084	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.2	n/a	10/5/2017	0.2ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.2	n/a	10/5/2017	0.2ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.2	n/a	10/6/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.599	5.386	10/4/2017	5.44	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.505	6.3	10/5/2017	6.42	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.489	5.519	10/5/2017	5.93	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.637	6.285	10/4/2017	6.5	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-2	6.454	6.319	10/4/2017	6.35	No	6	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-3	6.016	5.769	10/5/2017	5.93	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.507	6.116	10/6/2017	5.9	Yes	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.253	6.095	10/6/2017	6.19	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-7	6.487	6.155	10/6/2017	5.96	Yes	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-8A	7.505	5.621	10/9/2017	6.75	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-9	6.699	6.451	10/5/2017	6.58	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.622	5.938	10/5/2017	6.21	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.232	6.056	10/5/2017	6.11	No	7	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.291	4.956	10/5/2017	5.1	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-13	5.953	5.794	10/6/2017	5.88	No	9	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-14	5.694	5.464	10/5/2017	5.55	No	7	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.453	6.155	10/5/2017	6.31	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.471	6.28	10/5/2017	6.41	No	7	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-20	6.629	6.391	10/5/2017	6.51	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	1	n/a	10/4/2017	1ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	1	n/a	10/5/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1	n/a	10/5/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	10/4/2017	1ND	No	8	50	n/a	0.02144	NP Intra (normality) ...
Sulfate (mg/L)	GWC-2	1	n/a	10/4/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2

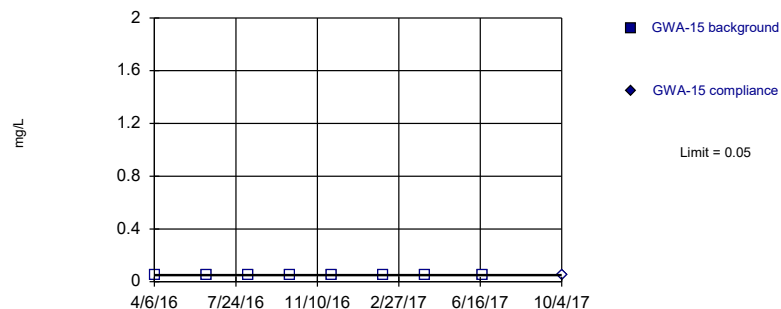
Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 3/22/2018, 2:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Sulfate (mg/L)	GWC-3	1.1	n/a	10/5/2017	1ND	No	8	62.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.614	n/a	10/6/2017	3	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	18.51	n/a	10/6/2017	7.3	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1	n/a	10/6/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	46.61	n/a	n/a	1 future	n/a	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	19.63	n/a	10/5/2017	10	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.355	n/a	10/5/2017	1.1	No	8	37.5	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	10/5/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1	n/a	10/5/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1	n/a	10/6/2017	1ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	1	n/a	10/5/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1	n/a	10/5/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1	n/a	10/5/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1	n/a	10/5/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	73.77	n/a	10/4/2017	42	No	8	12.5	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-16	171.2	n/a	10/5/2017	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-17	150.6	n/a	10/5/2017	64	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	170.8	n/a	10/4/2017	130	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	207.6	n/a	10/4/2017	120	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-3	110.3	n/a	10/5/2017	86	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	10/6/2017	120	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	174.7	n/a	10/6/2017	160	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	160.7	n/a	10/6/2017	140	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	220.3	n/a	n/a	1 future	n/a	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	217.1	n/a	10/5/2017	170	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	170.5	n/a	10/5/2017	140	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	361.1	n/a	10/5/2017	94	No	8	0	x^(1/3)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	207.8	n/a	10/5/2017	28	No	8	50	ln(x)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	98.85	n/a	10/6/2017	90	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	98.65	n/a	10/5/2017	98	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	114	n/a	10/5/2017	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	165	n/a	10/5/2017	100	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	10/5/2017	130	Yes	8	0	No	0.000...	Param Intra 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

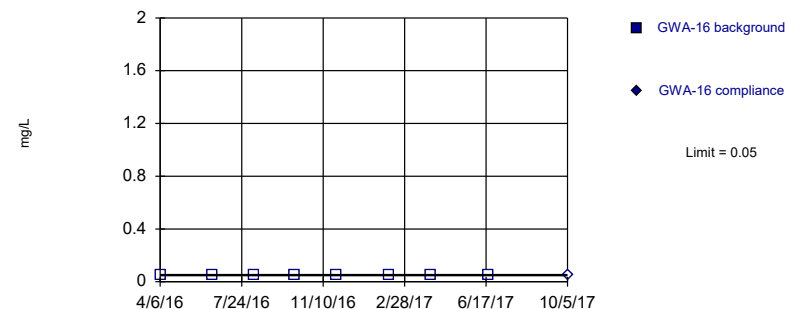


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:51 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

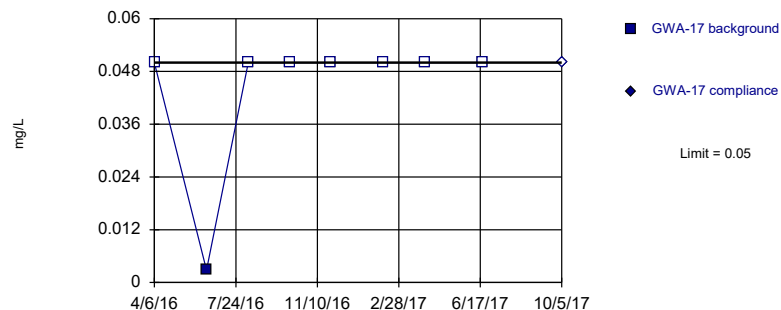


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:51 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

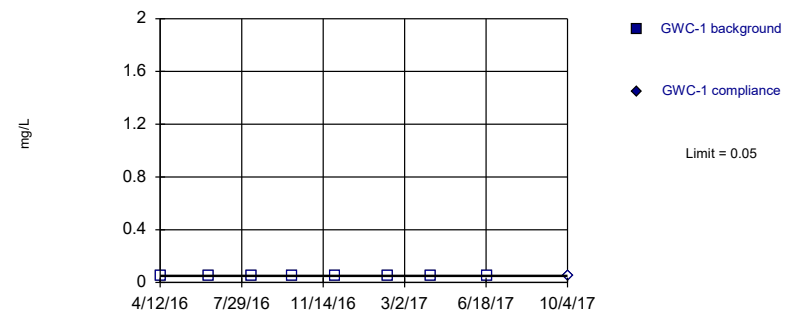


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

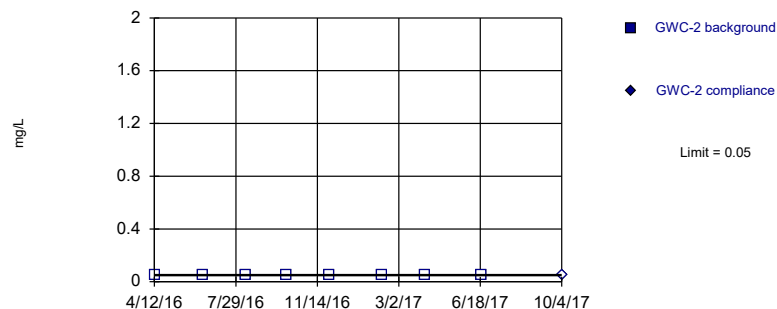


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

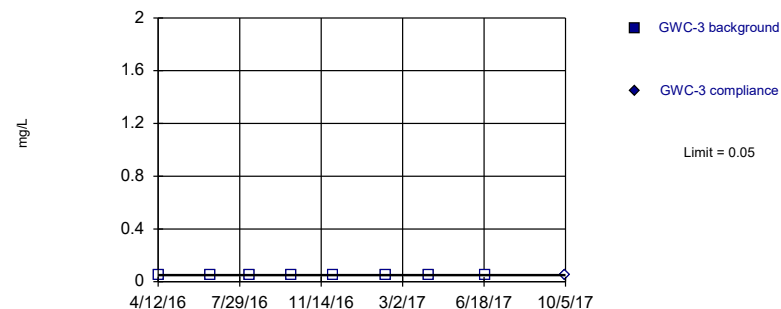


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

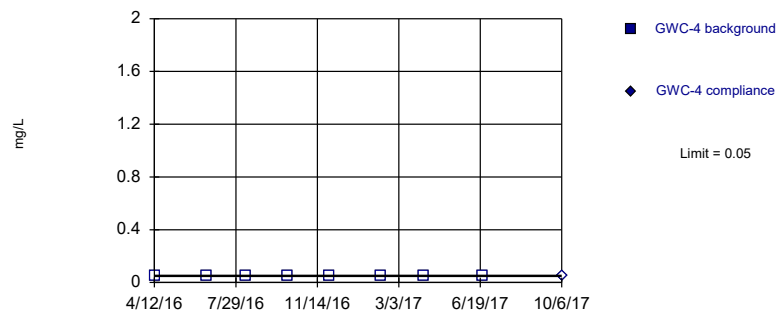


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

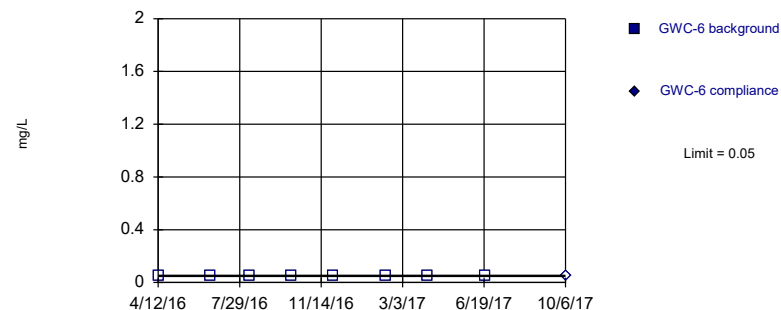


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

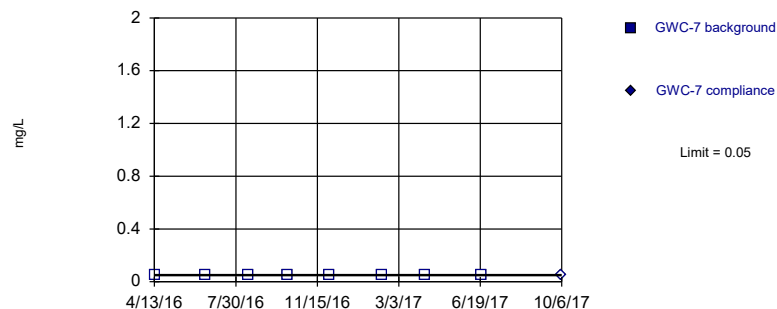


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

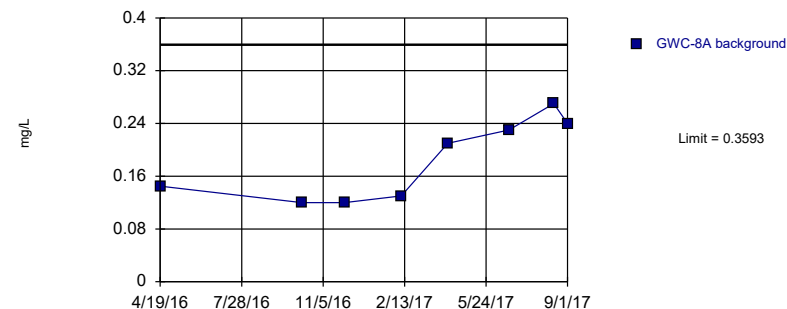
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Prediction Limit Intrawell Parametric, GWC-8A

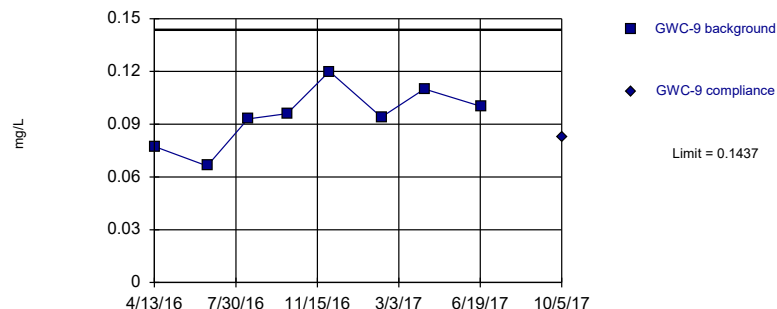


Background Data Summary: Mean=0.1831, Std. Dev.=0.06088, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



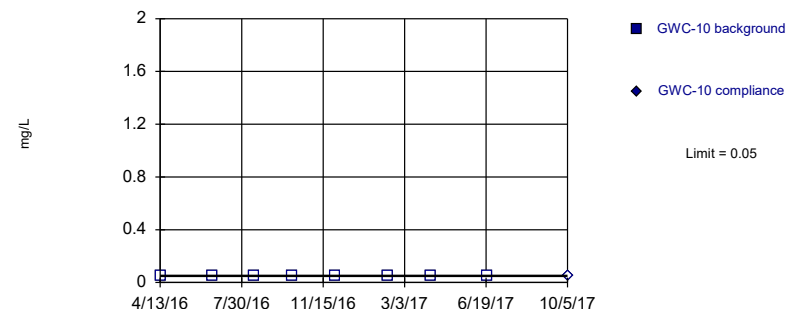
Background Data Summary: Mean=0.09459, Std. Dev.=0.01696, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9681, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

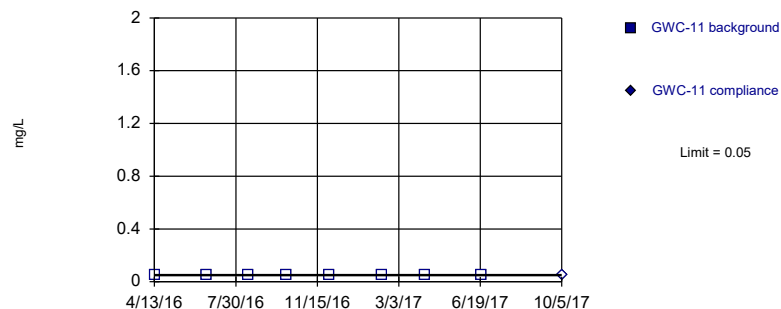


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

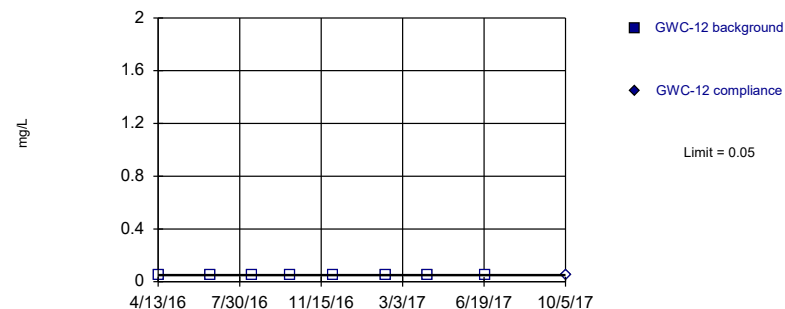


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

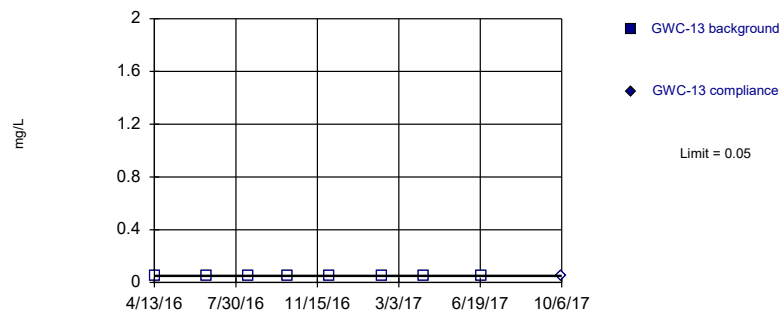


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

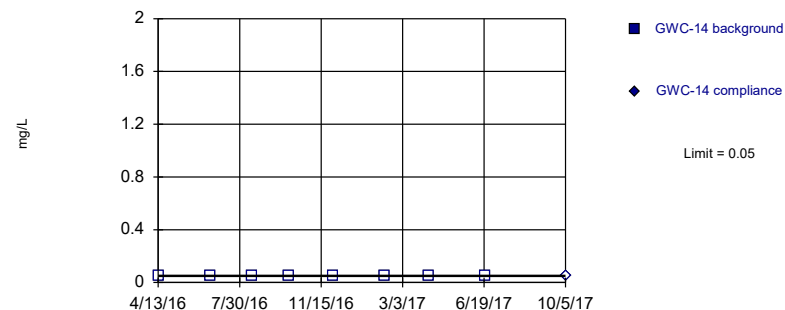


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

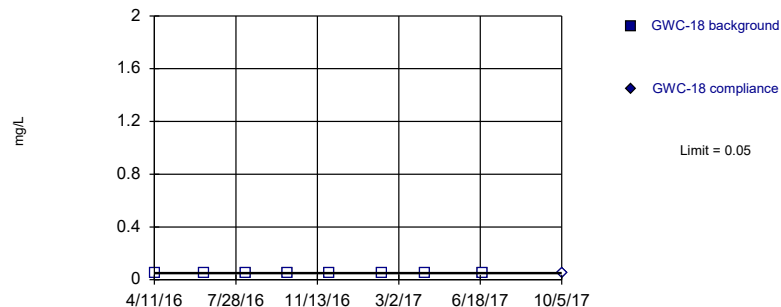


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

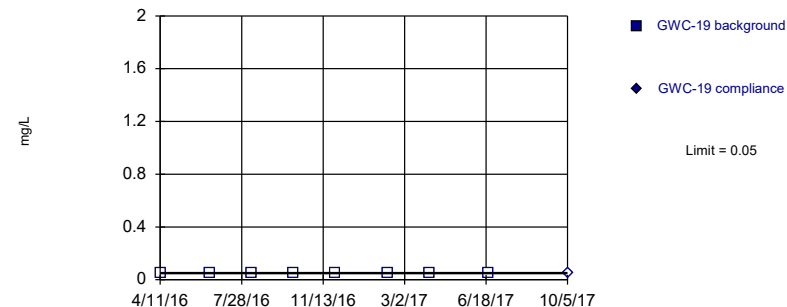


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

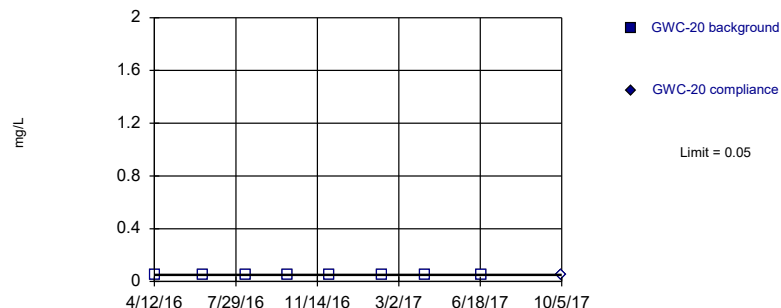


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

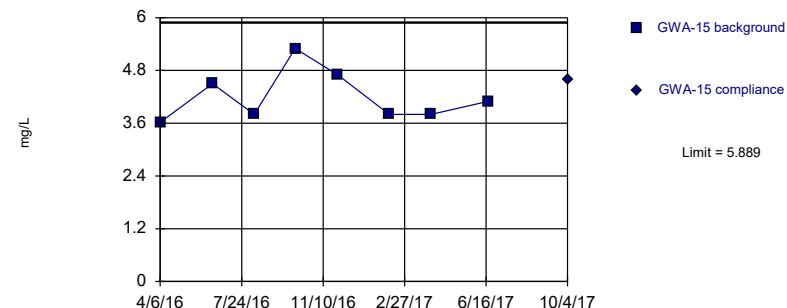


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



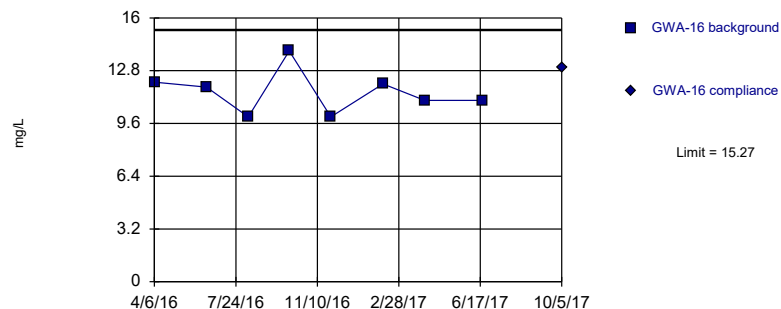
Background Data Summary: Mean=4.203, Std. Dev.=0.5826, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.873, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



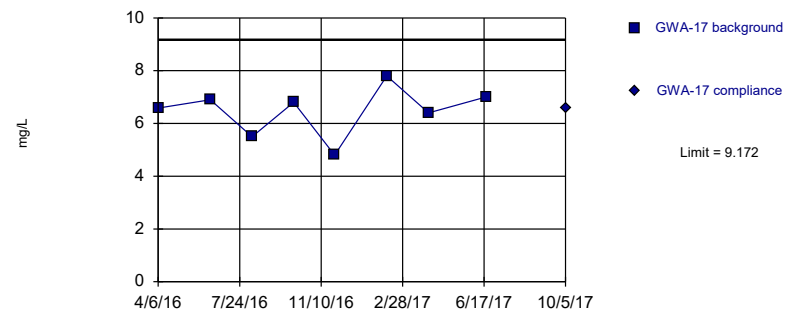
Background Data Summary: Mean=11.49, Std. Dev.=1.307, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



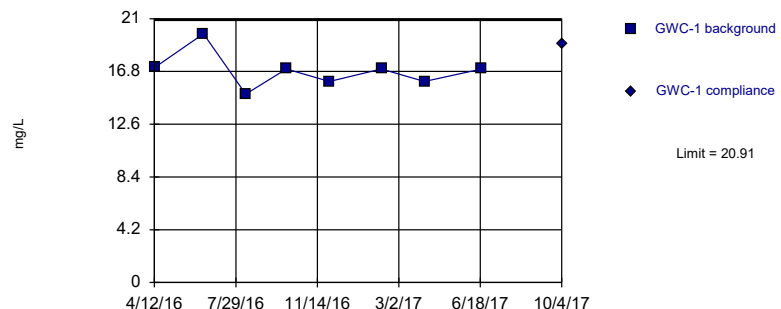
Background Data Summary: Mean=6.473, Std. Dev.=0.9328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



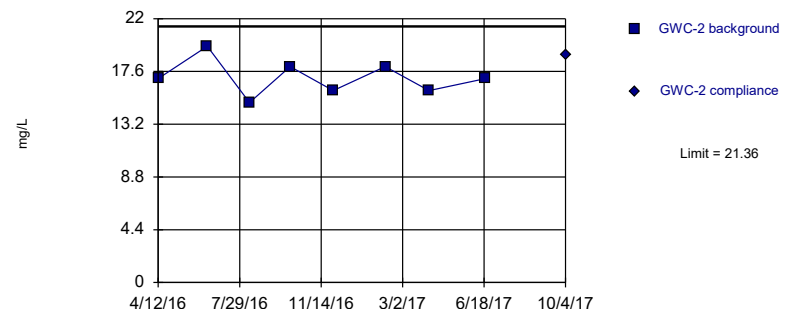
Background Data Summary: Mean=16.86, Std. Dev.=1.399, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8575, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



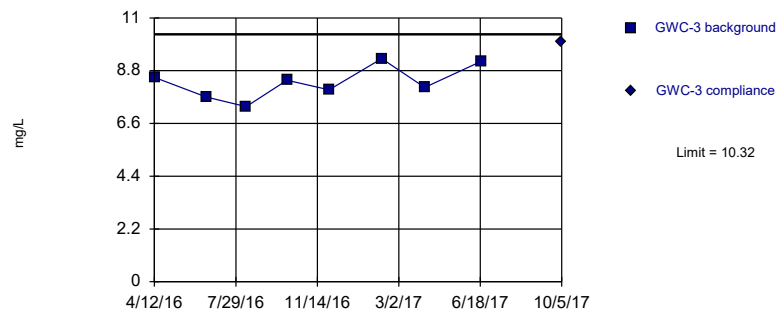
Background Data Summary: Mean=17.09, Std. Dev.=1.475, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



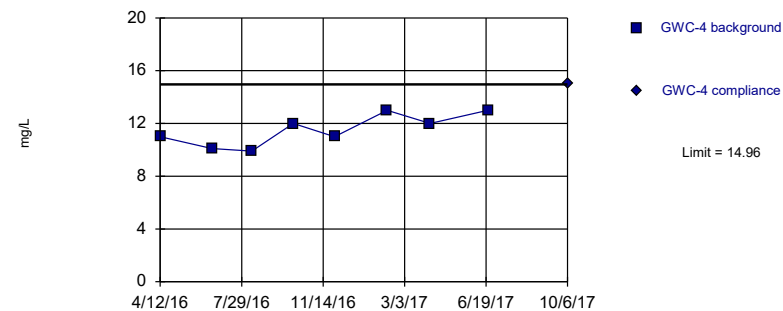
Background Data Summary: Mean=8.315, Std. Dev.=0.6925, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9572, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



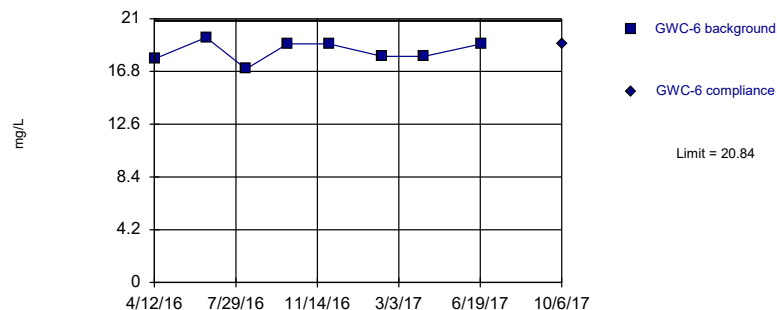
Background Data Summary: Mean=11.5, Std. Dev.=1.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9127, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



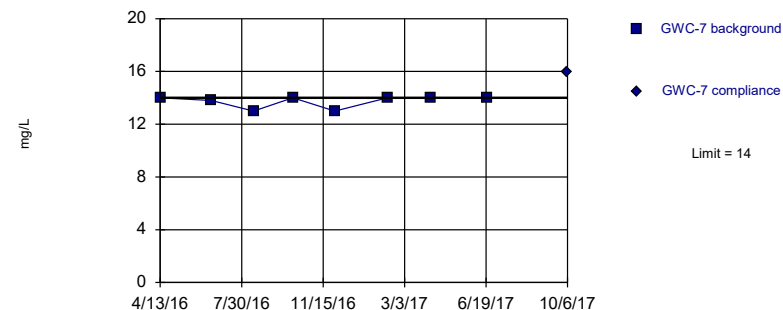
Background Data Summary: Mean=18.41, Std. Dev.=0.8391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

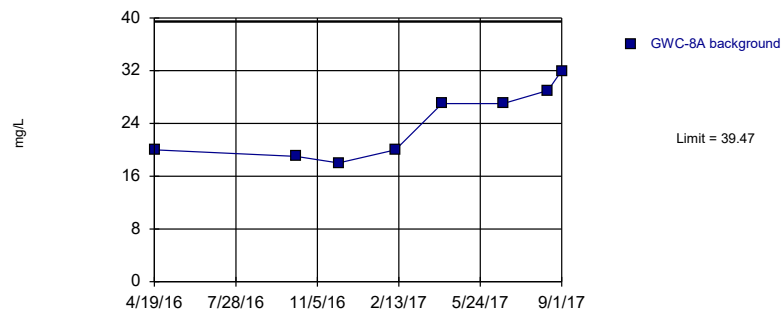
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

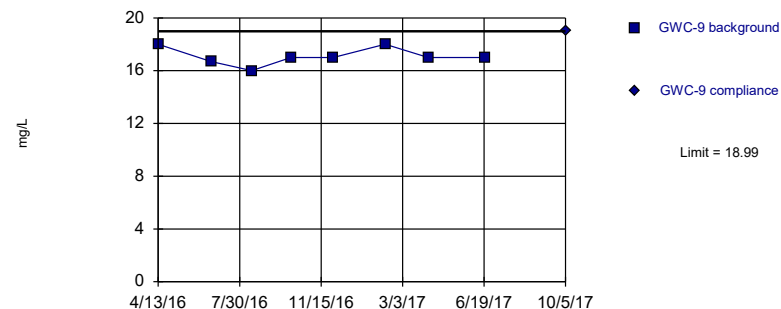
Prediction Limit Intrawell Parametric, GWC-8A



Background Data Summary: Mean=24, Std. Dev.=5.345, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8778, critical = 0.749. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

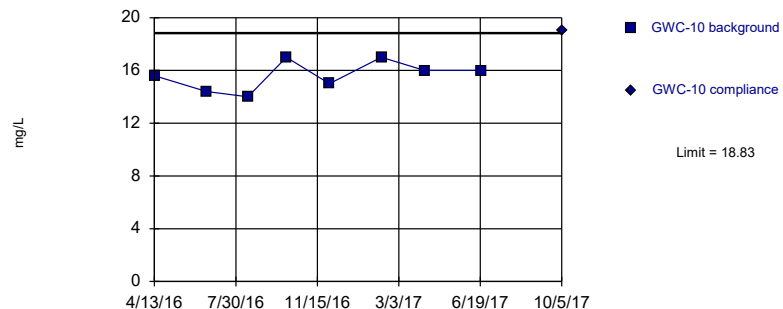
Exceeds Limit Prediction Limit Intrawell Parametric



Background Data Summary: Mean=17.09, Std. Dev.=0.6578, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8683, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

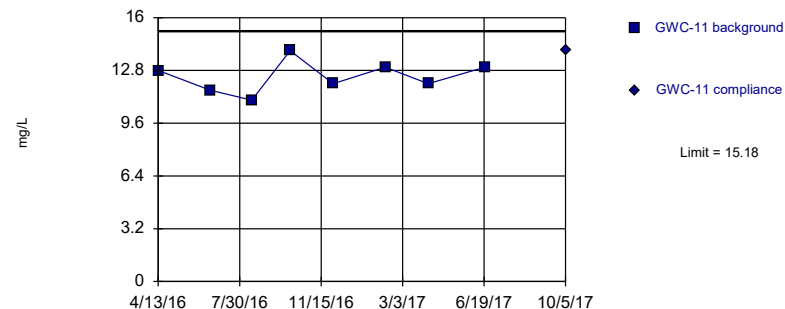
Exceeds Limit Prediction Limit Intrawell Parametric



Background Data Summary: Mean=15.63, Std. Dev.=1.108, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9351, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit Intrawell Parametric



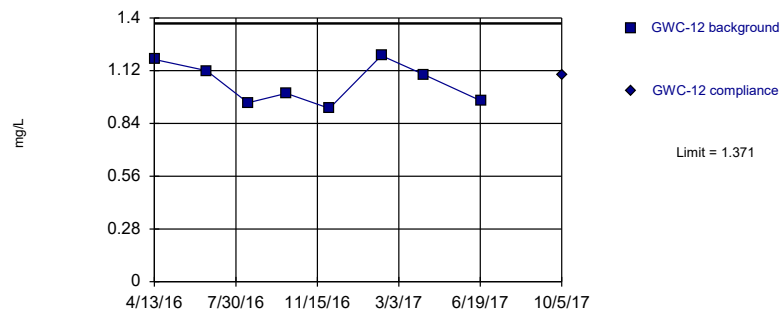
Background Data Summary: Mean=12.43, Std. Dev.=0.9528, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



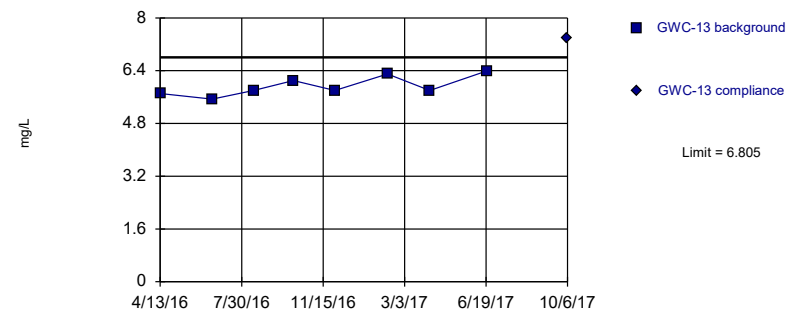
Background Data Summary: Mean=1.054, Std. Dev.=0.1097, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.903, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



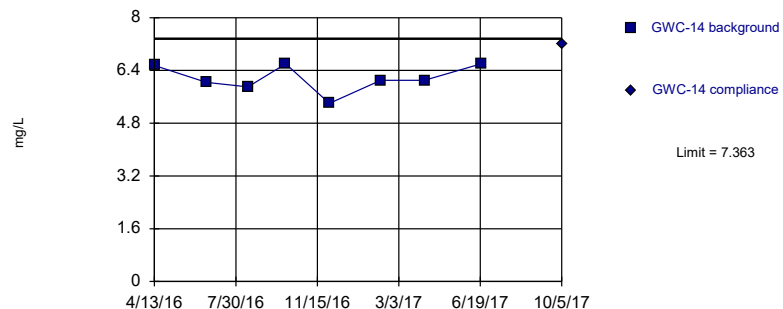
Background Data Summary: Mean=5.931, Std. Dev.=0.3019, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9042, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



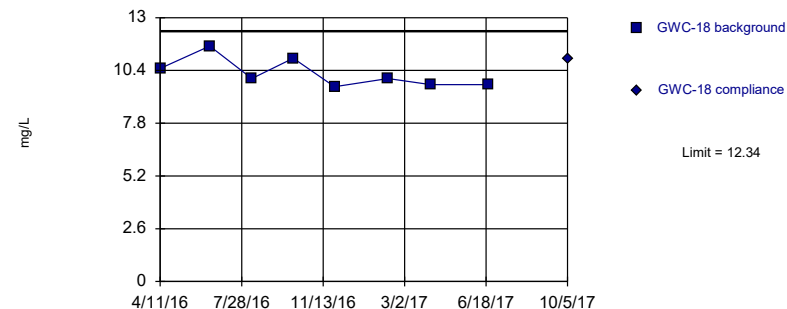
Background Data Summary: Mean=6.161, Std. Dev.=0.4151, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.891, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



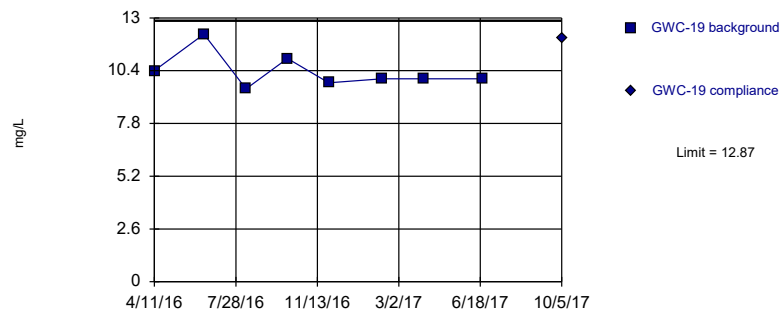
Background Data Summary: Mean=10.26, Std. Dev.=0.717, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8619, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



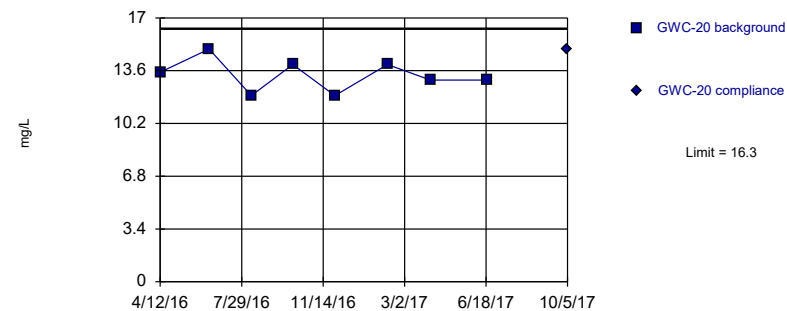
Background Data Summary: Mean=10.36, Std. Dev.=0.8651, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8286, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



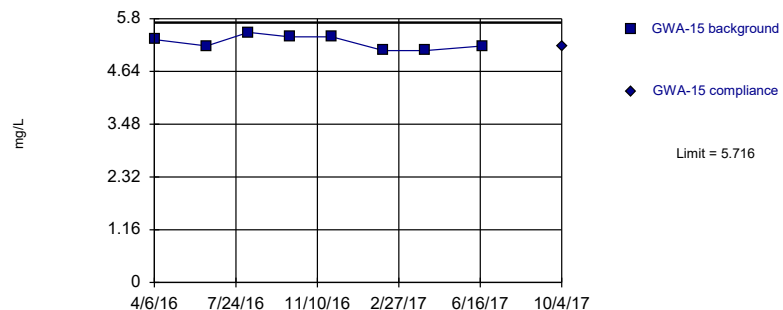
Background Data Summary: Mean=13.31, Std. Dev.=1.033, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9408, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



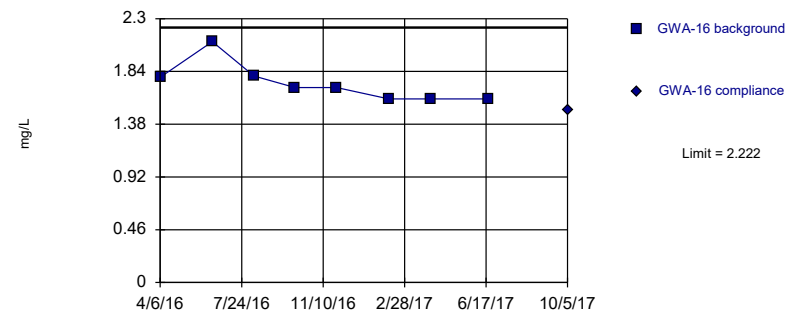
Background Data Summary: Mean=5.28, Std. Dev.=0.1505, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9094, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



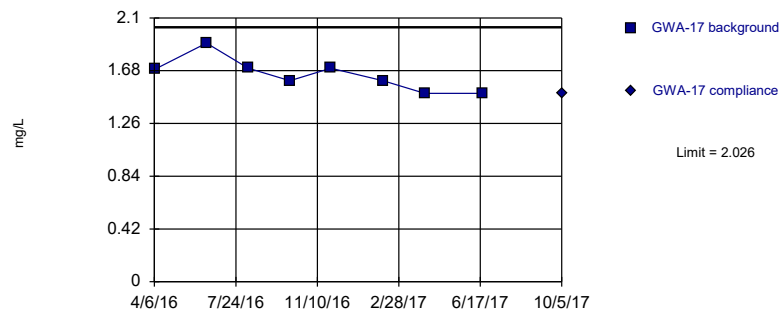
Background Data Summary: Mean=1.736, Std. Dev.=0.168, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8054, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



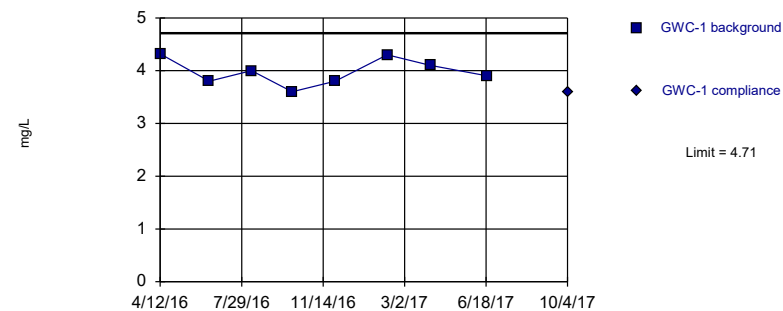
Background Data Summary: Mean=1.649, Std. Dev.=0.1304, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



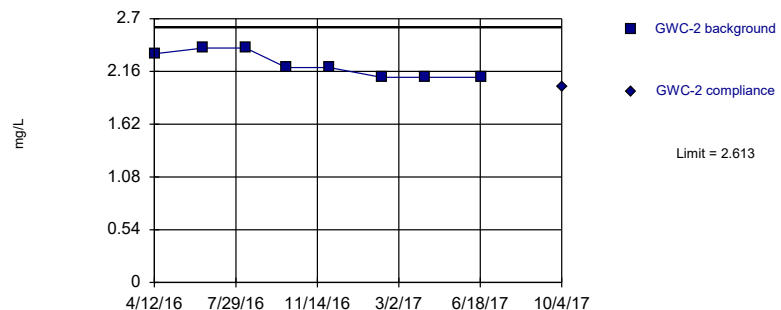
Background Data Summary: Mean=3.978, Std. Dev.=0.2531, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



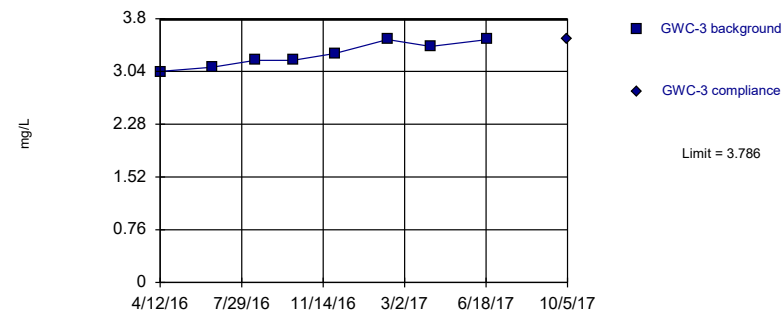
Background Data Summary: Mean=2.23, Std. Dev.=0.1322, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8278, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



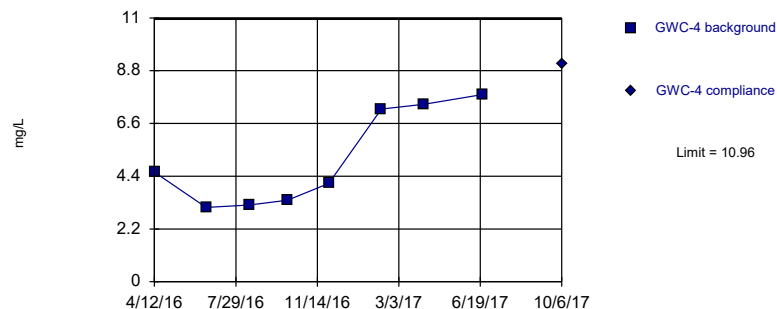
Background Data Summary: Mean=3.28, Std. Dev.=0.175, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



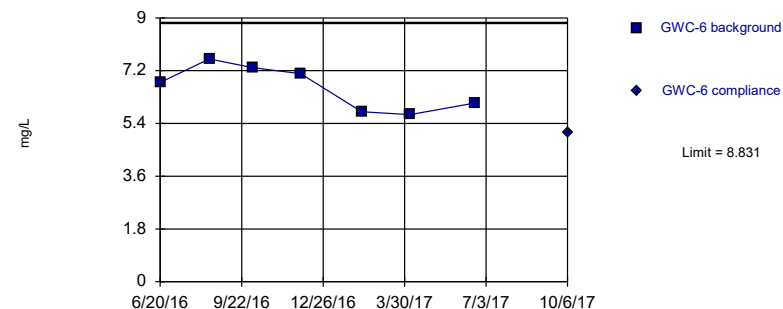
Background Data Summary: Mean=5.096, Std. Dev.=2.027, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8216, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



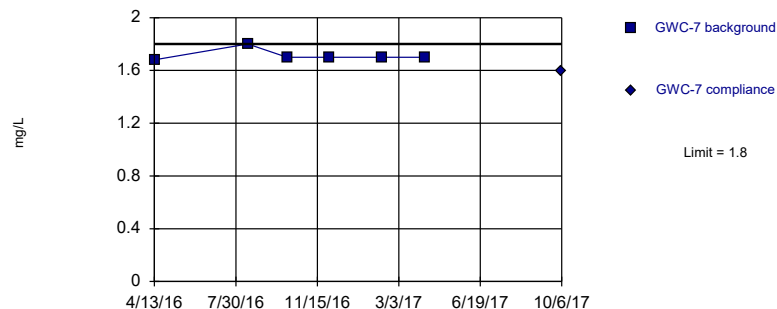
Background Data Summary: Mean=6.629, Std. Dev.=0.761, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.911, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



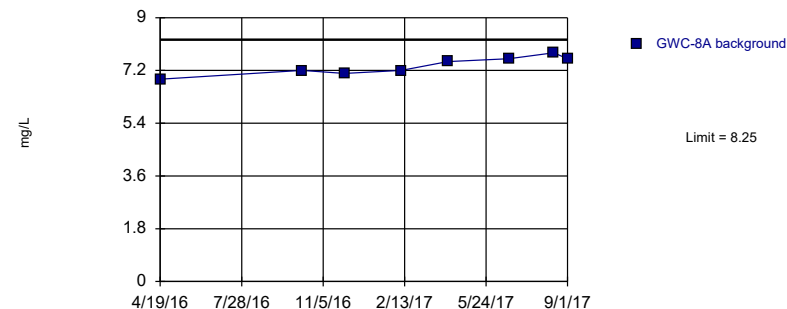
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric, GWC-8A



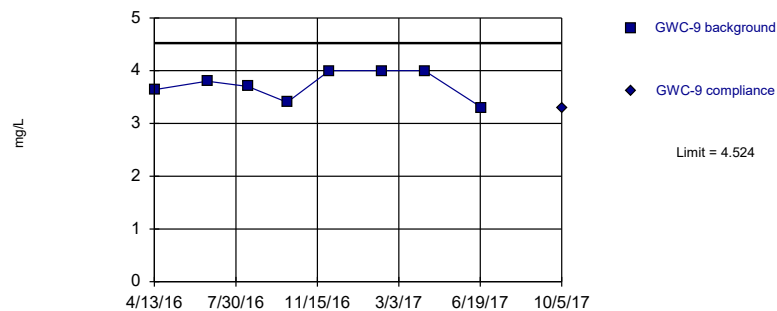
Background Data Summary: Mean=7.363, Std. Dev.=0.3068, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.749. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



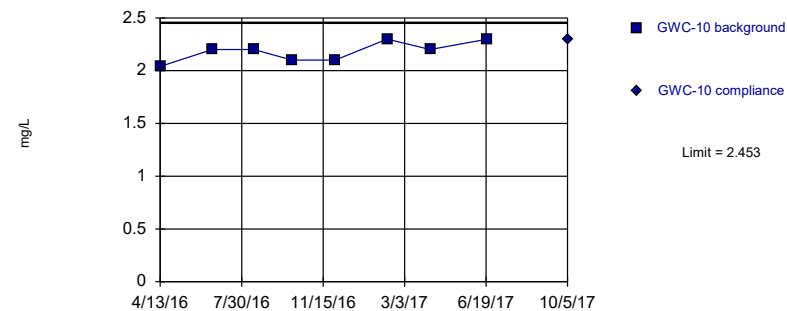
Background Data Summary: Mean=3.73, Std. Dev.=0.2742, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



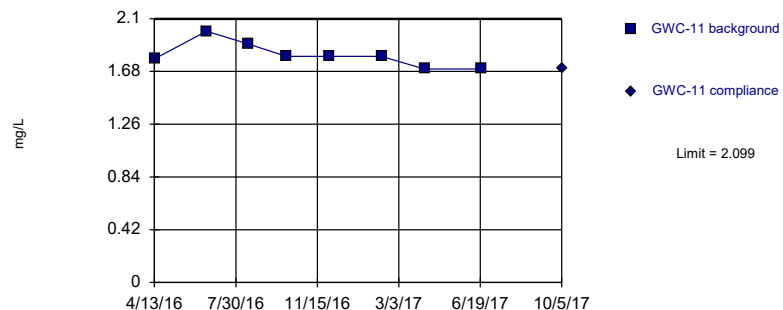
Background Data Summary: Mean=2.18, Std. Dev.=0.09442, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



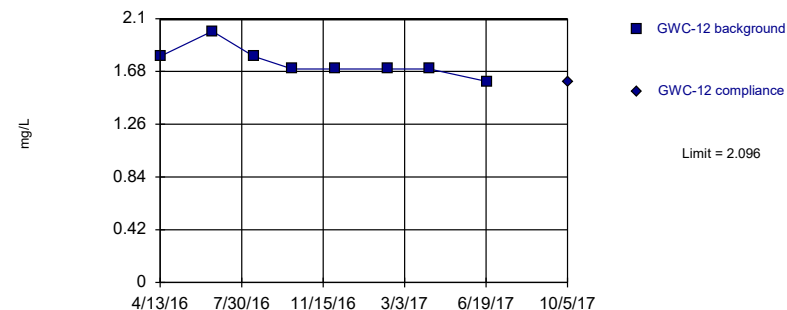
Background Data Summary: Mean=1.81, Std. Dev.=0.09971, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



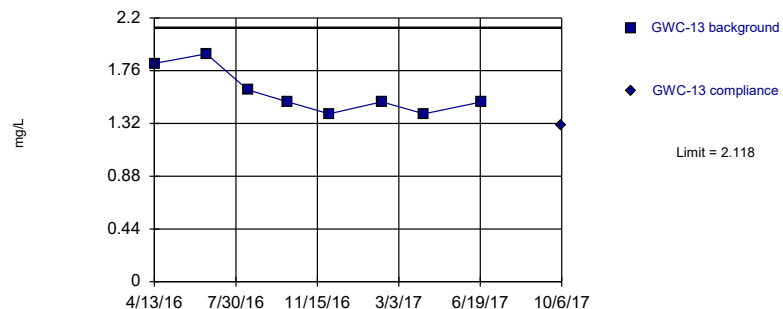
Background Data Summary: Mean=1.75, Std. Dev.=0.1195, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



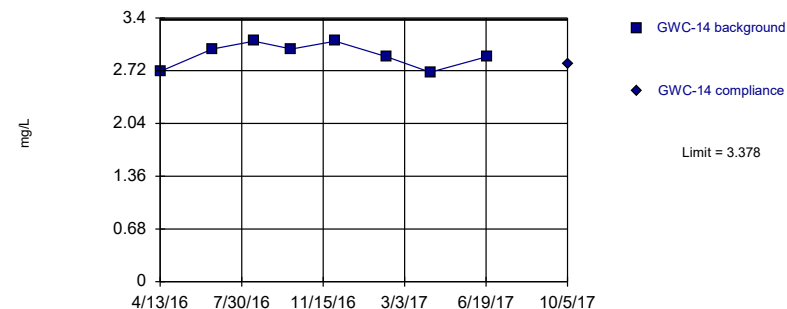
Background Data Summary: Mean=1.578, Std. Dev.=0.1868, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8395, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



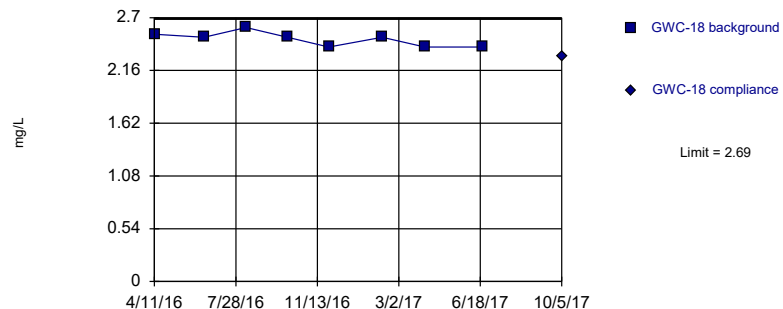
Background Data Summary: Mean=2.926, Std. Dev.=0.1561, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8849, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



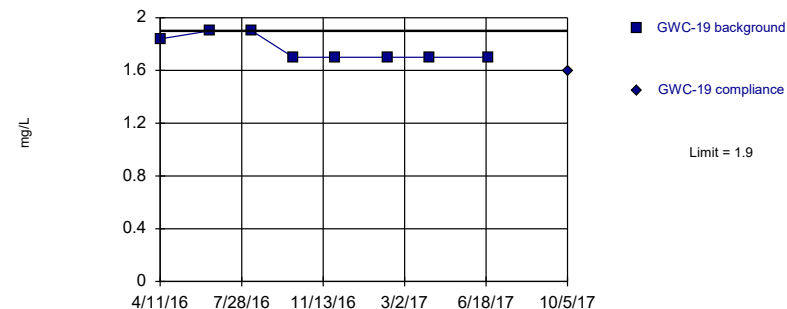
Background Data Summary: Mean=2.479, Std. Dev.=0.07298, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



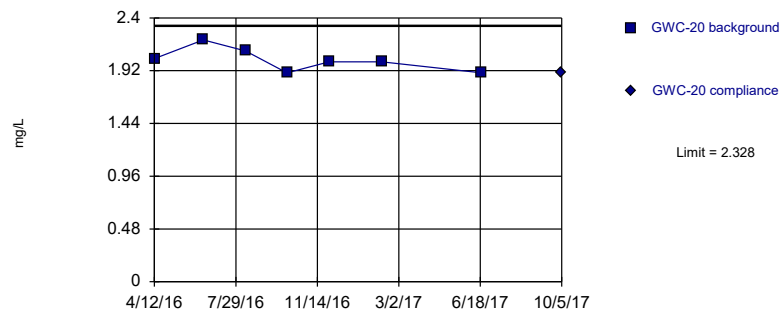
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.019, Std. Dev.=0.1068, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9259, critical = 0.73. Kappa overridden to 2.894.

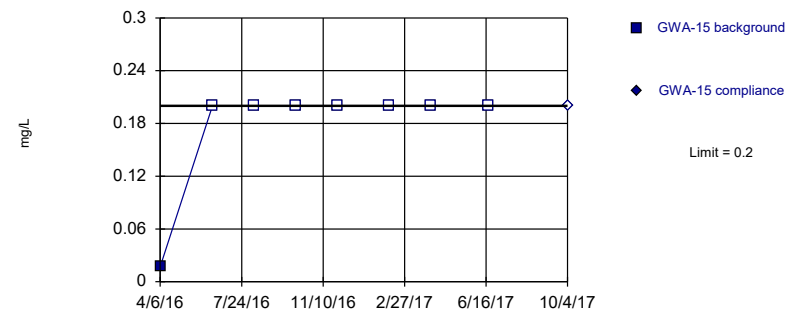
Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

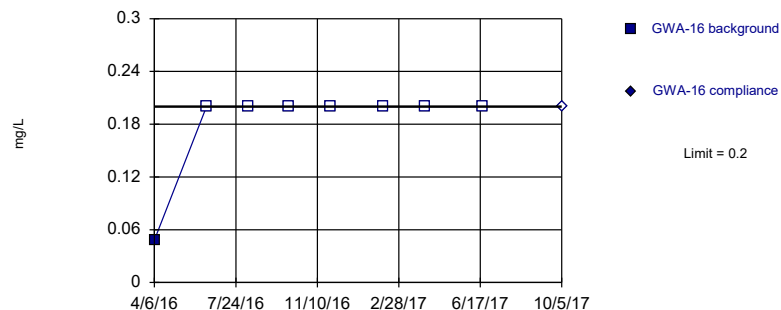
Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

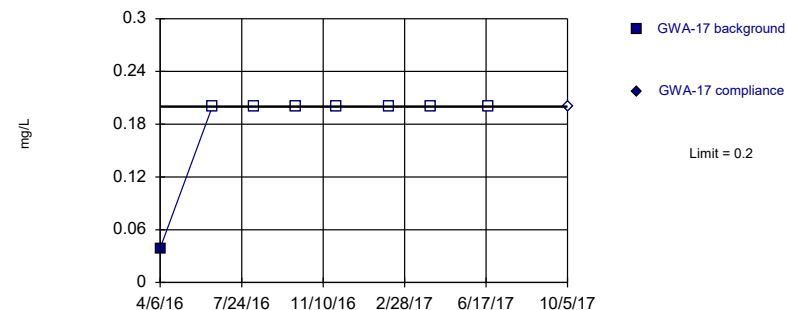
Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



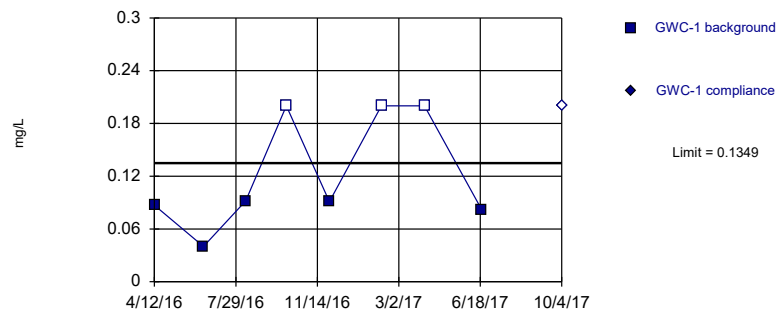
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



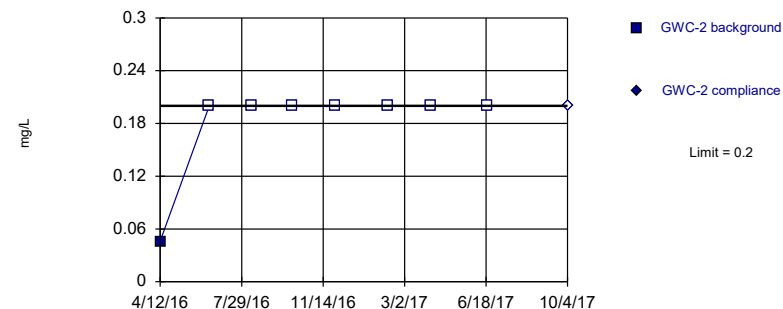
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0784, Std. Dev.=0.01952, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7996, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



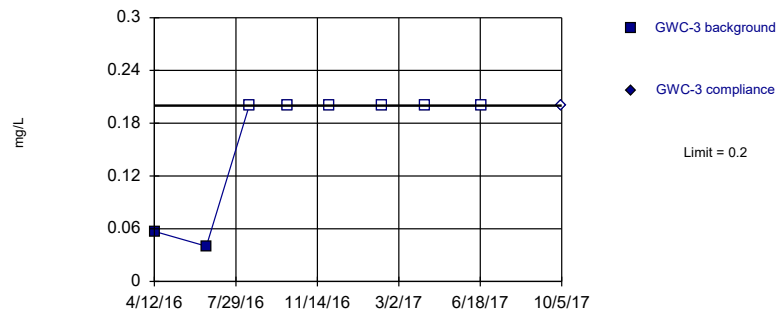
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



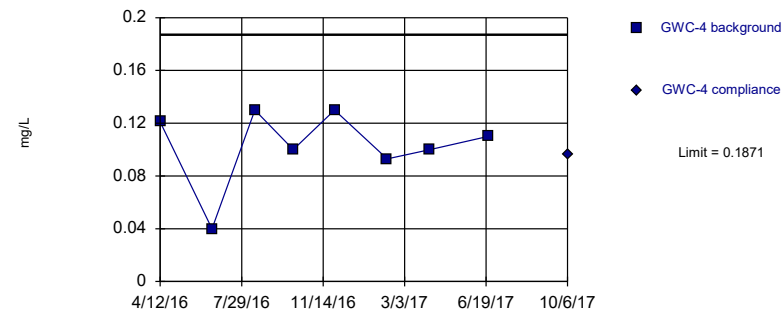
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric

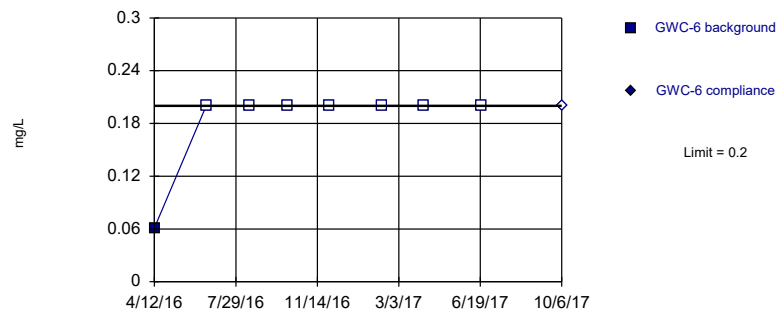


Background Data Summary: Mean=0.103, Std. Dev.=0.02908, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8374, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

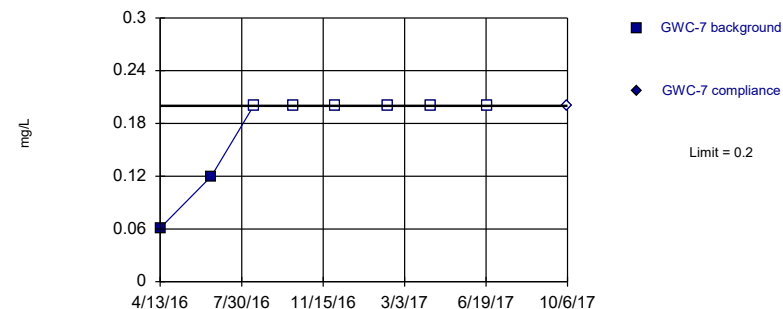


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

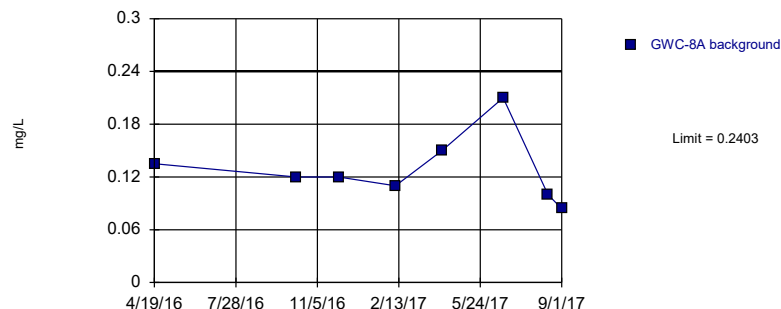
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Prediction Limit Intrawell Parametric, GWC-8A

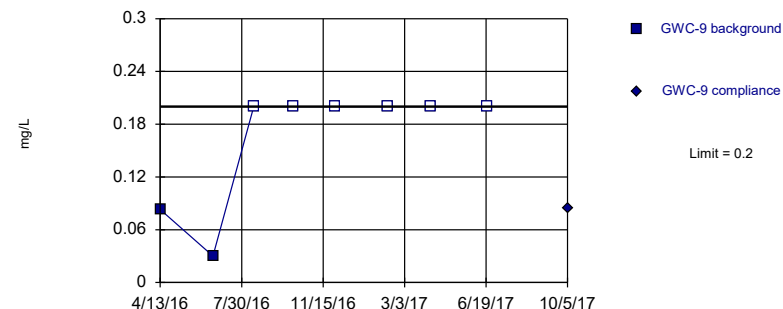


Background Data Summary: Mean=0.1286, Std. Dev.=0.03859, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8919, critical = 0.749. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

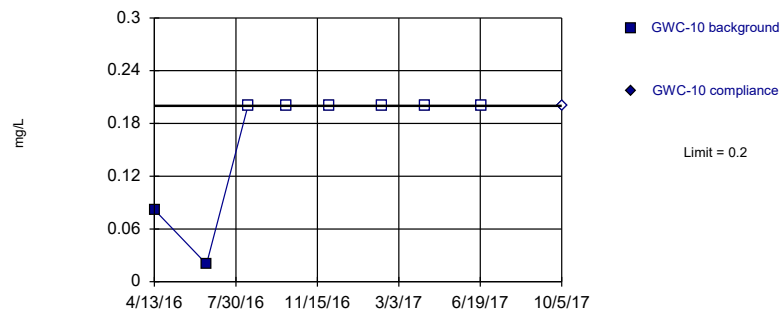


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

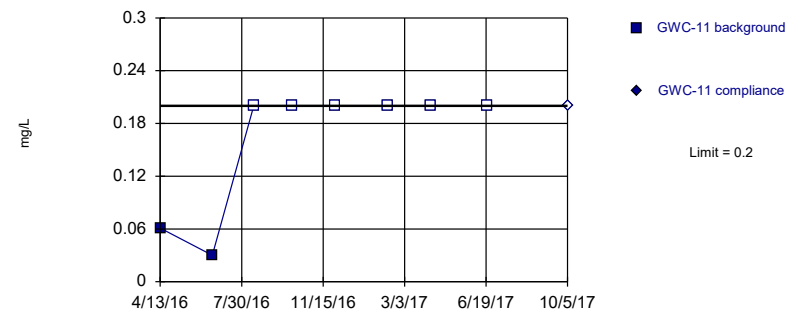


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

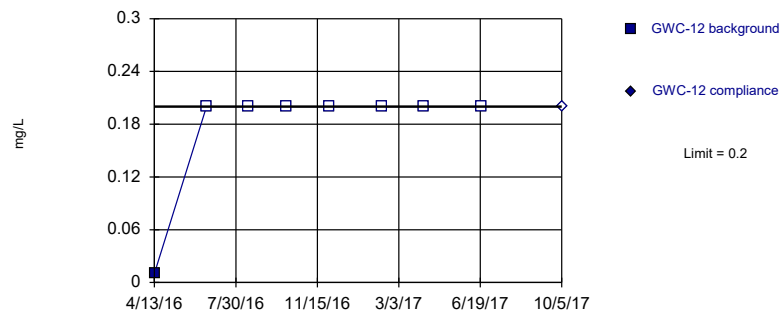


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

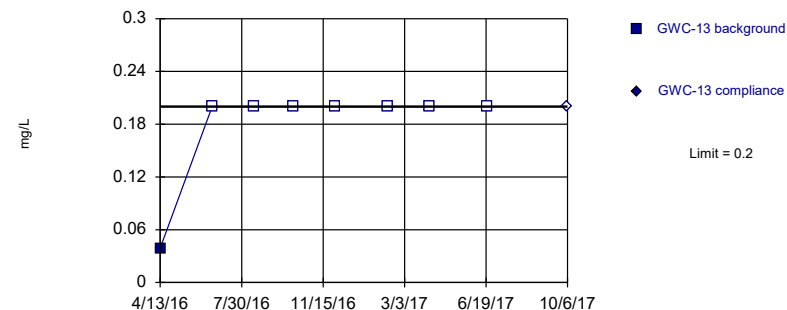


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

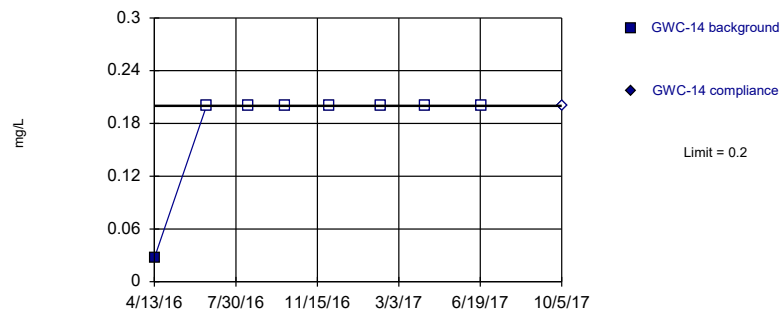


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

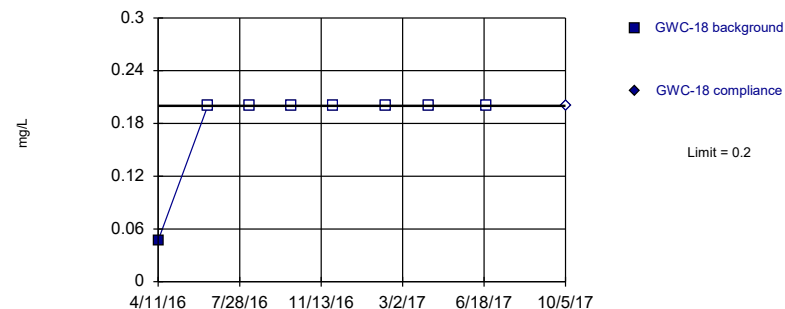


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

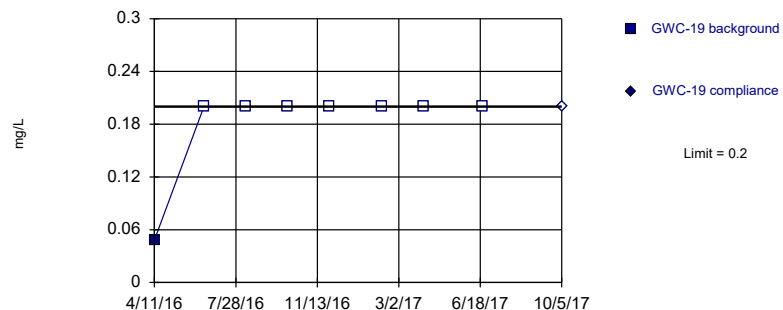


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

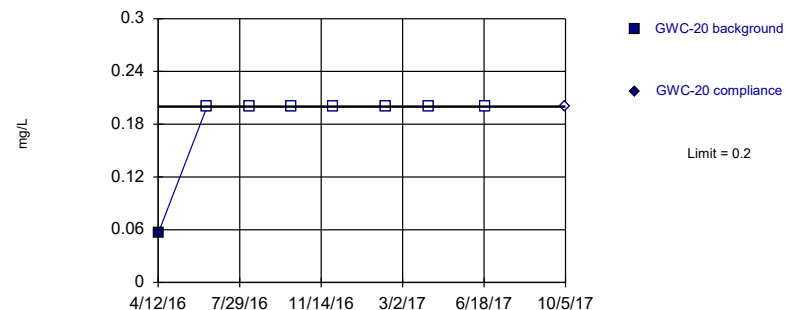


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



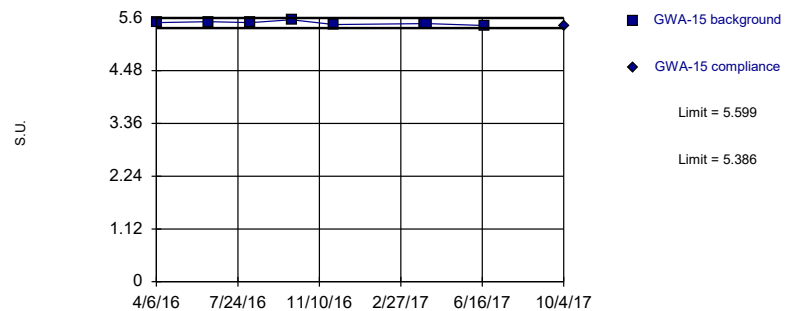
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



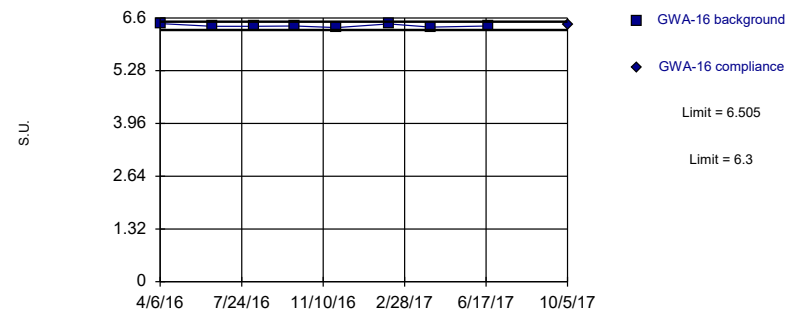
Background Data Summary: Mean=5.493, Std. Dev.=0.03694, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9694, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



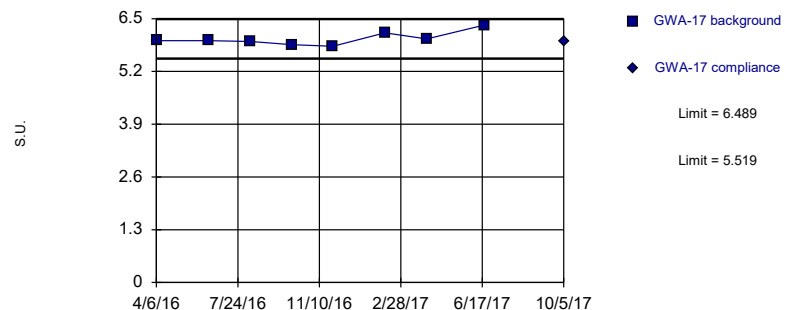
Background Data Summary: Mean=6.403, Std. Dev.=0.03536, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8878, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



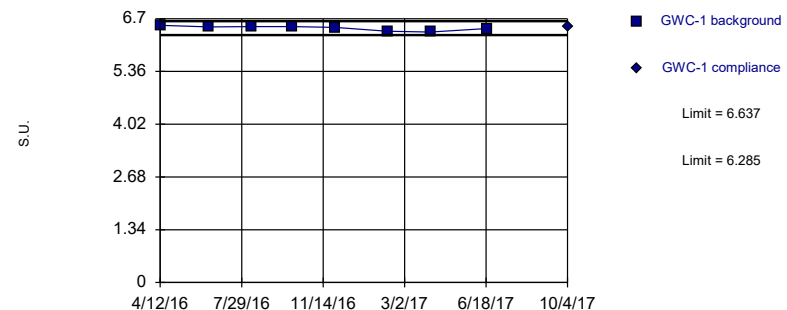
Background Data Summary: Mean=6.004, Std. Dev.=0.1677, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8833, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



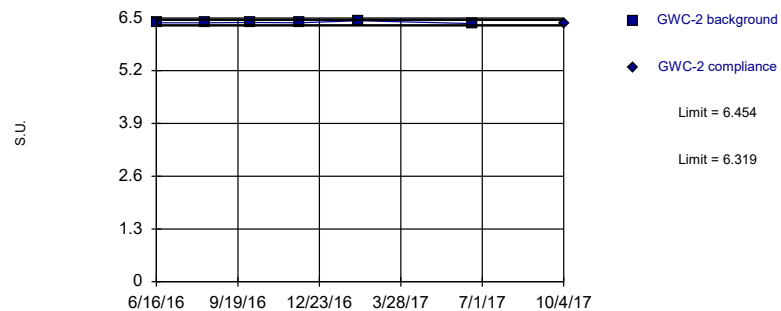
Background Data Summary: Mean=6.461, Std. Dev.=0.06081, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8706, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



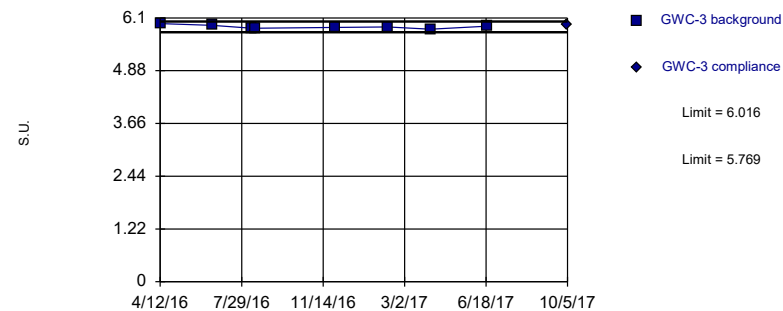
Background Data Summary: Mean=6.387, Std. Dev.=0.02338, n=6. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8367, critical = 0.713. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



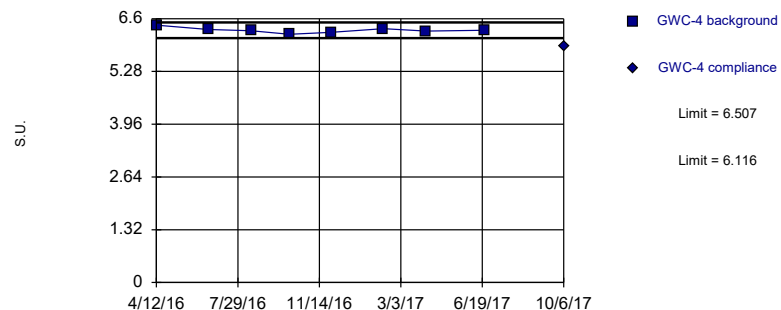
Background Data Summary: Mean=5.893, Std. Dev.=0.04268, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9507, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limits

Prediction Limit

Intrawell Parametric



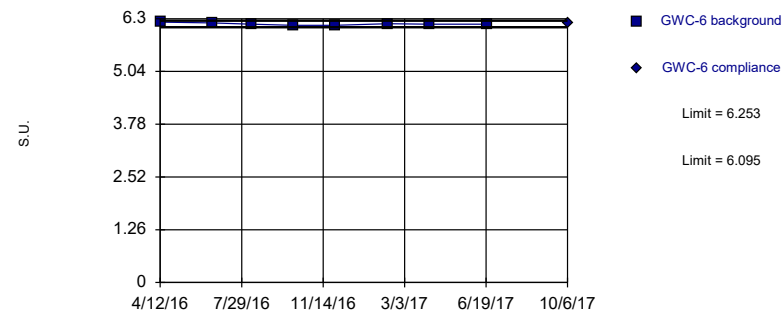
Background Data Summary: Mean=6.311, Std. Dev.=0.06749, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9627, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



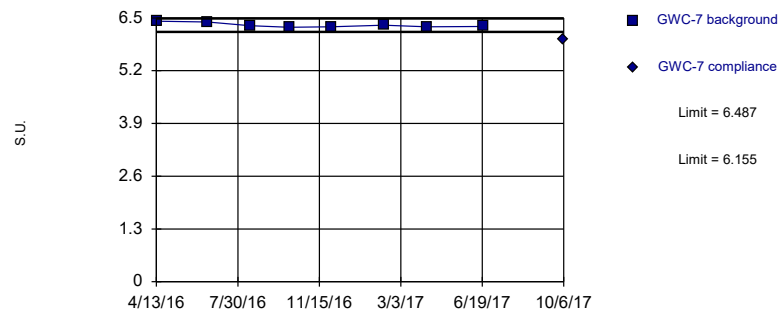
Background Data Summary: Mean=6.174, Std. Dev.=0.02722, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9216, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limits

Prediction Limit

Intrawell Parametric



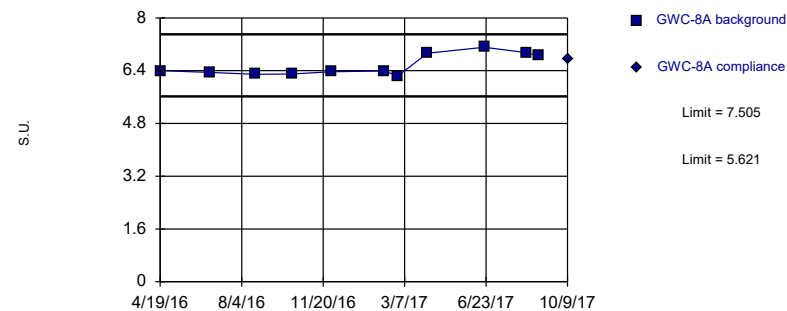
Background Data Summary: Mean=6.321, Std. Dev.=0.05743, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8111, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



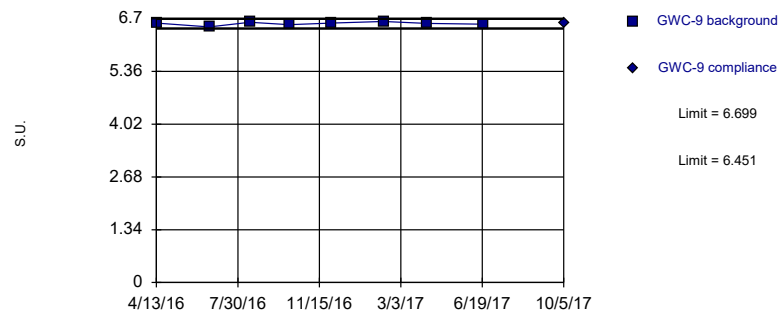
Background Data Summary: Mean=6.563, Std. Dev.=0.3254, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8052, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



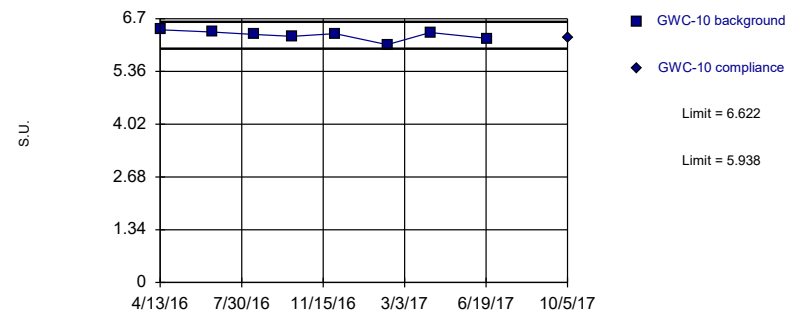
Background Data Summary: Mean=6.575, Std. Dev.=0.04276, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9368, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



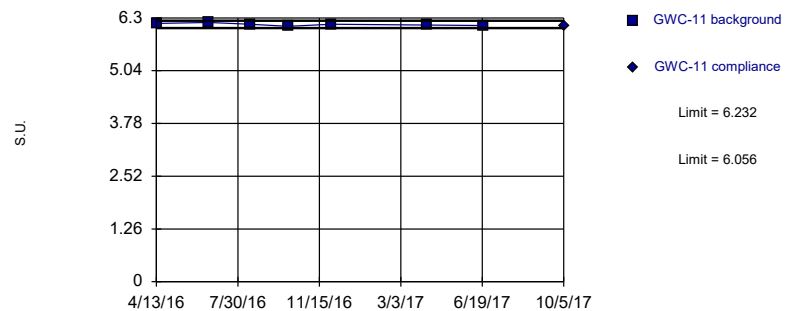
Background Data Summary: Mean=6.28, Std. Dev.=0.1182, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9151, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



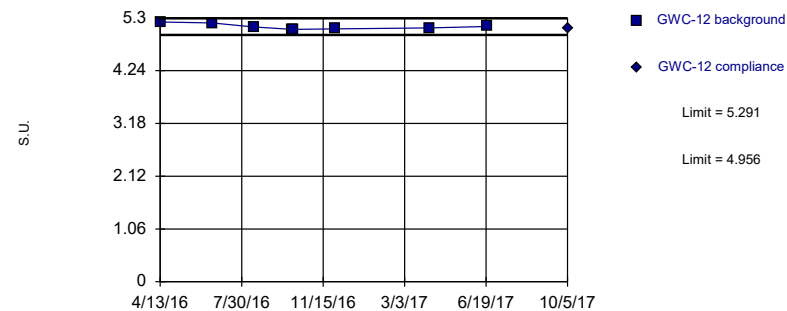
Background Data Summary: Mean=6.144, Std. Dev.=0.03047, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9843, critical = 0.73. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



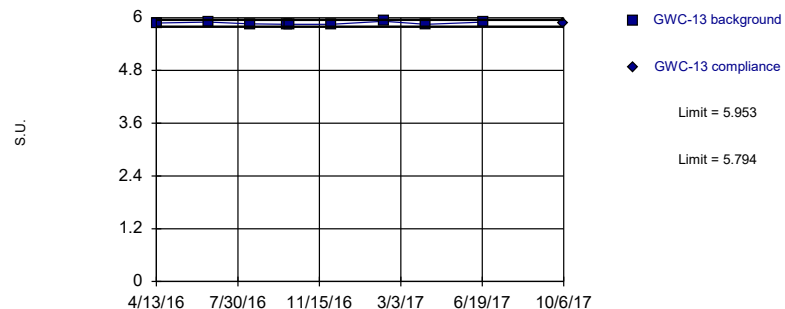
Background Data Summary: Mean=5.124, Std. Dev.=0.0578, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8591, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



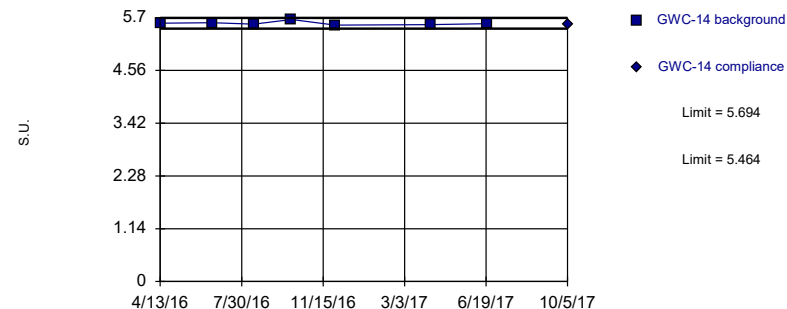
Background Data Summary: Mean=5.873, Std. Dev.=0.02739, n=9. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8203, critical = 0.764. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



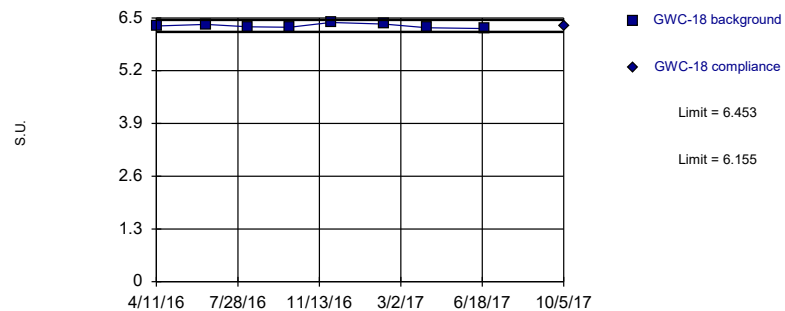
Background Data Summary: Mean=5.579, Std. Dev.=0.03976, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8486, critical = 0.73. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



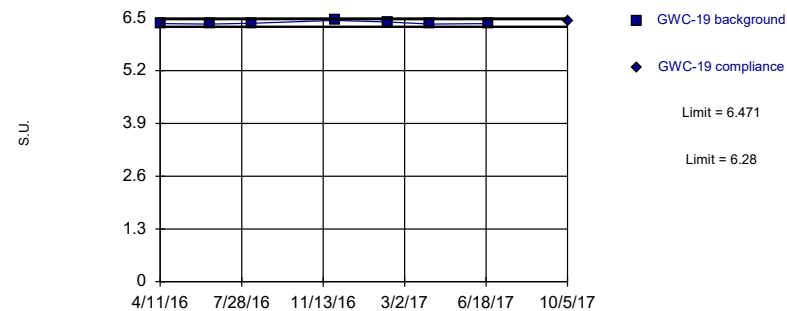
Background Data Summary: Mean=6.304, Std. Dev.=0.05153, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



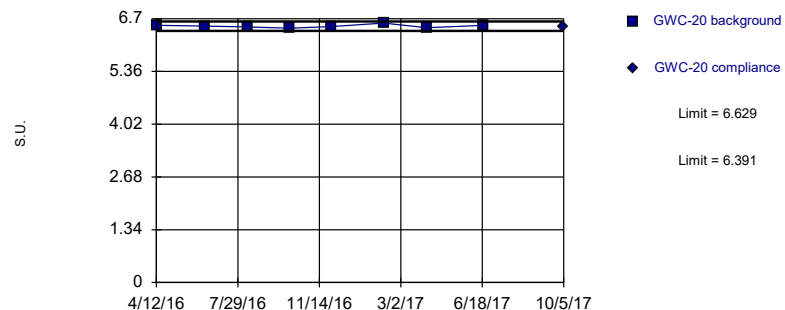
Background Data Summary: Mean=6.376, Std. Dev.=0.03309, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8032, critical = 0.73. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.51, Std. Dev.=0.04106, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9378, critical = 0.749. Kappa overridden to 2.894.

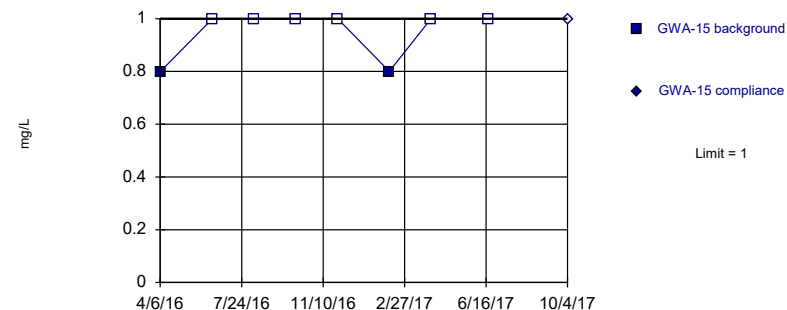
Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

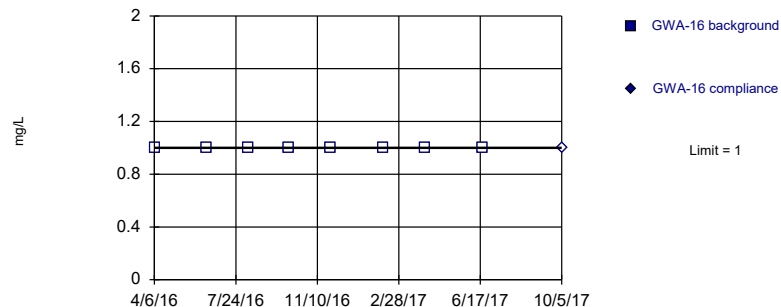


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

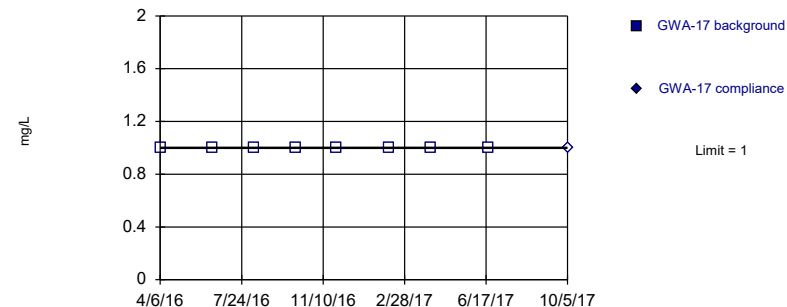


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

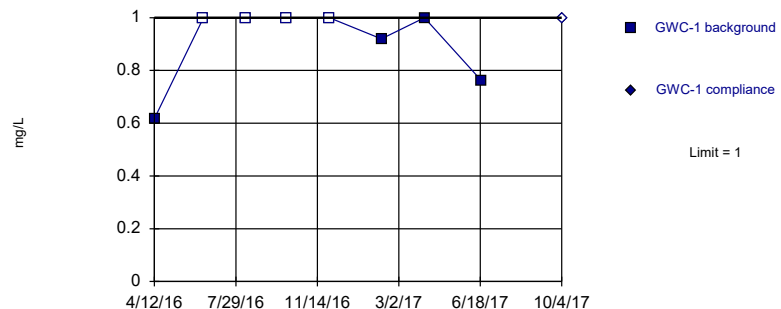


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

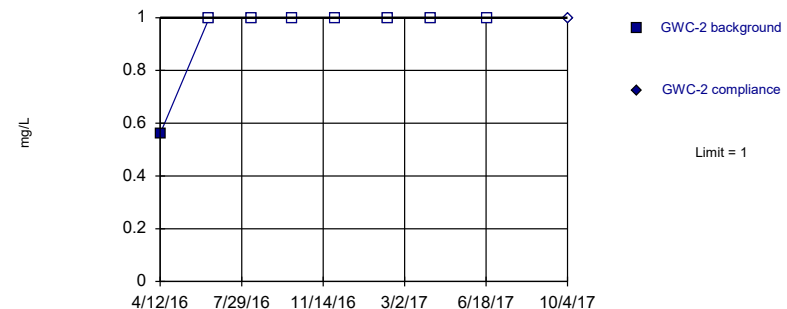


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. 50% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

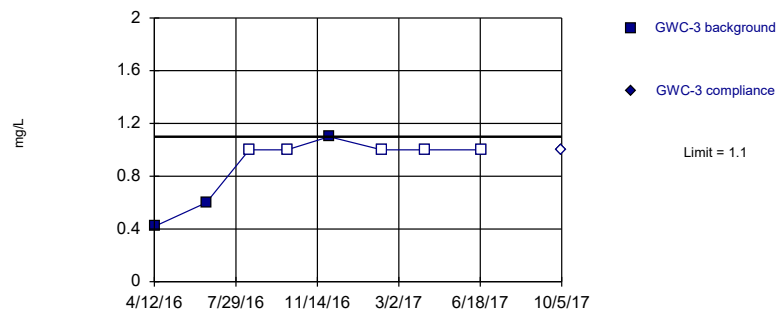


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

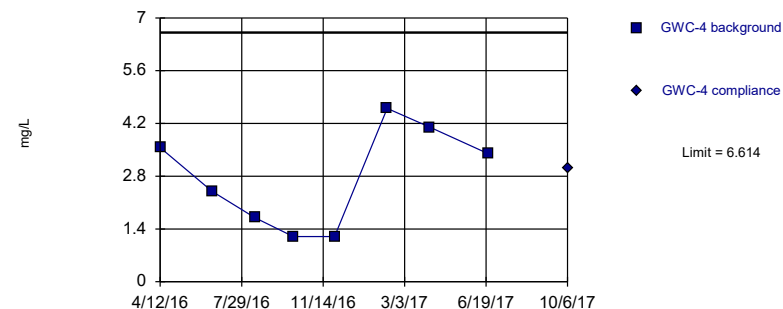


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

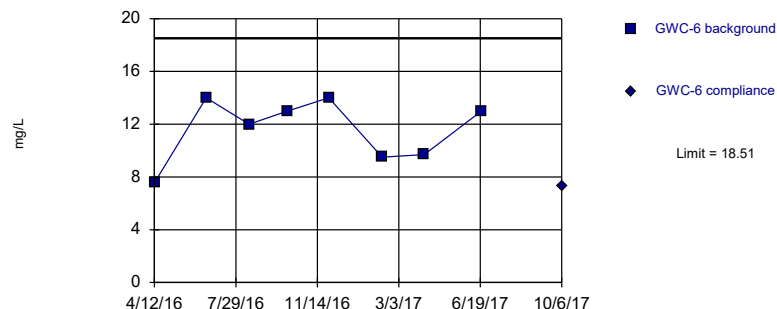


Background Data Summary: Mean=2.77, Std. Dev.=1.328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

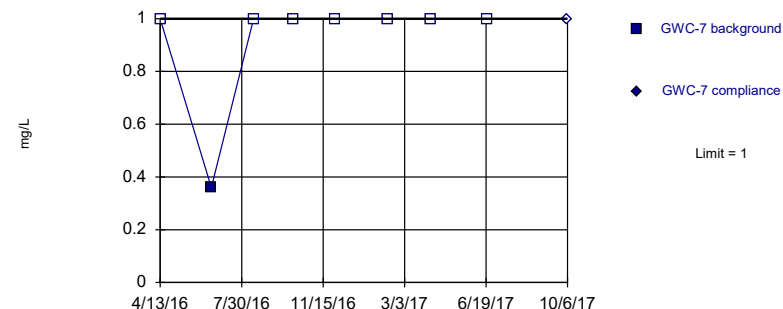


Background Data Summary: Mean=11.59, Std. Dev.=2.391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

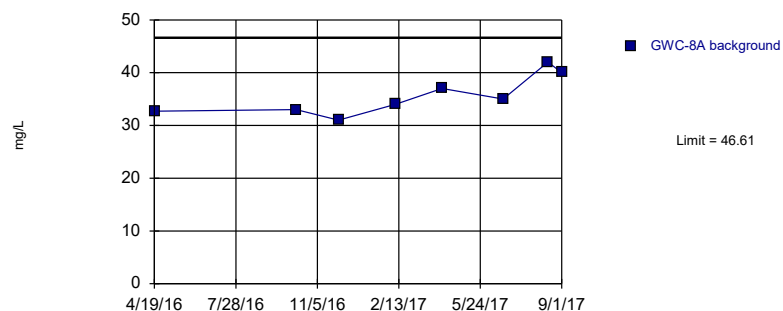
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

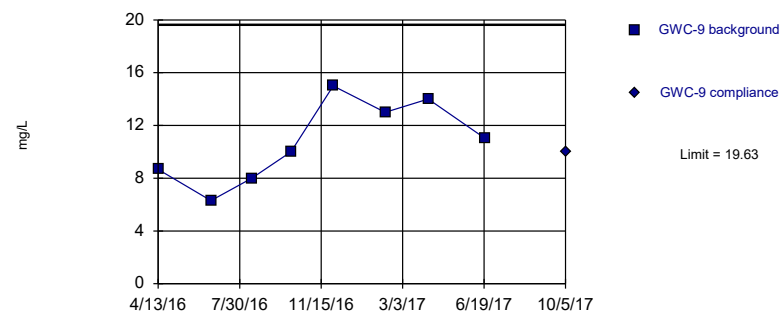
Prediction Limit Intrawell Parametric, GWC-8A



Background Data Summary: Mean=35.59, Std. Dev.=3.808, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9306, critical = 0.749. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit Intrawell Parametric

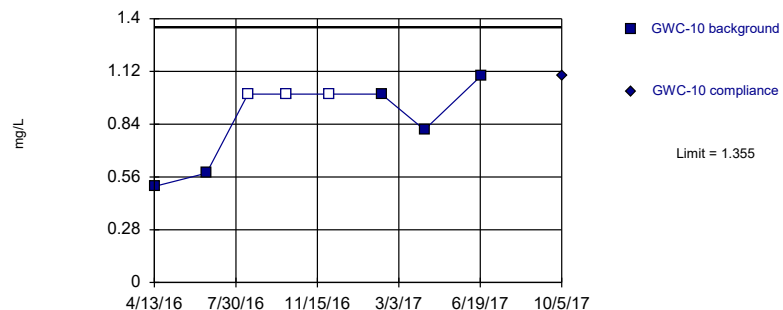


Background Data Summary: Mean=10.75, Std. Dev.=3.072, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9633, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

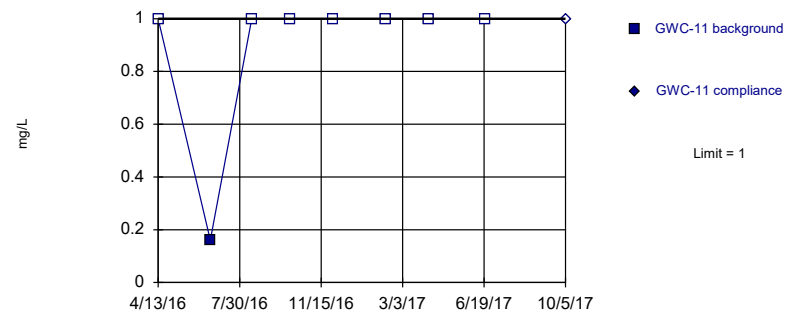


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7375, Std. Dev.=0.2133, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8104, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

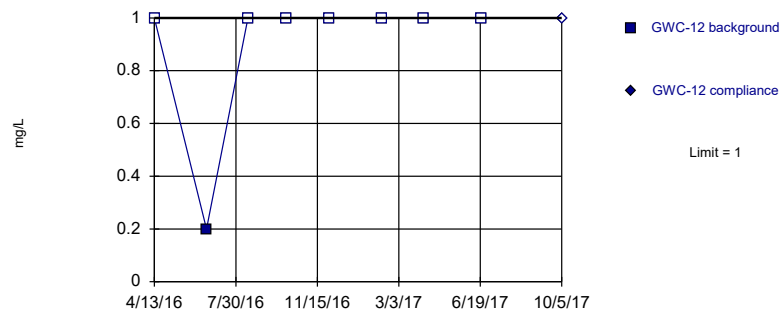


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

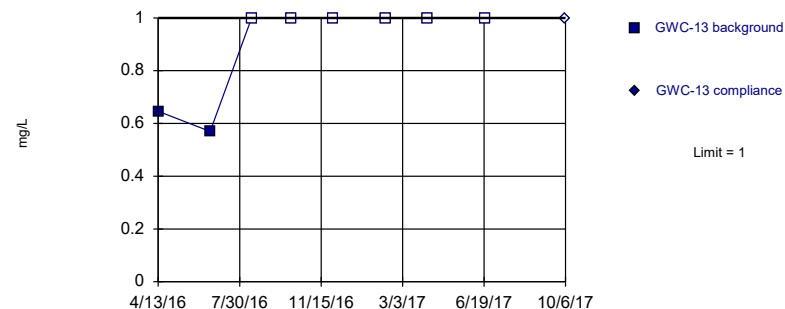


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

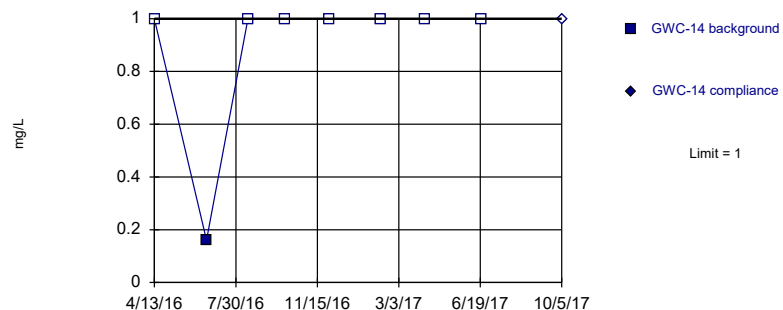


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

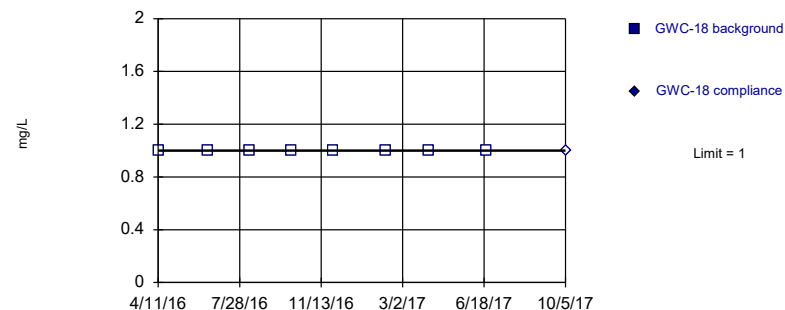


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

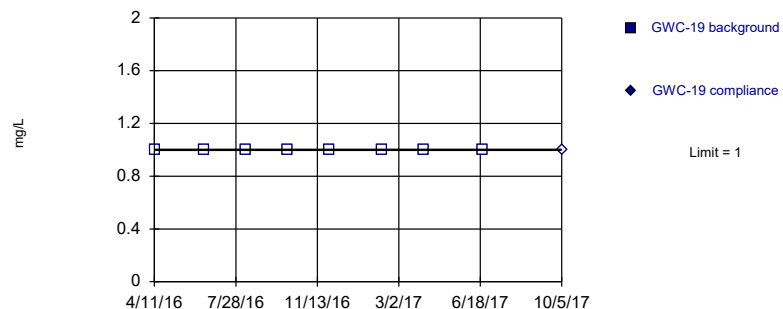


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

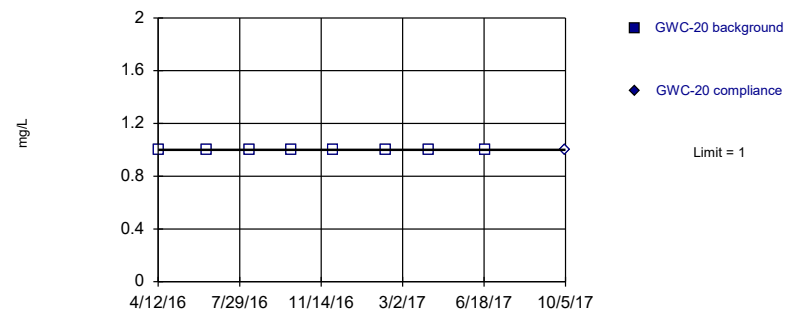


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

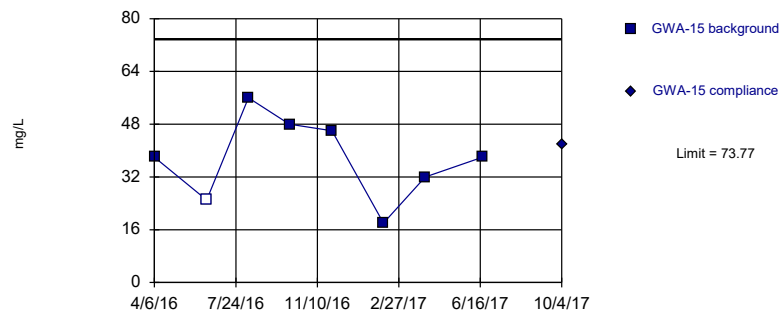


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

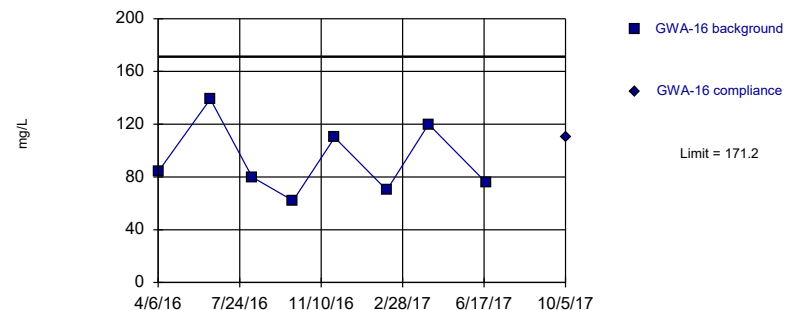


Background Data Summary: Mean=37.63, Std. Dev.=12.49, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9802, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



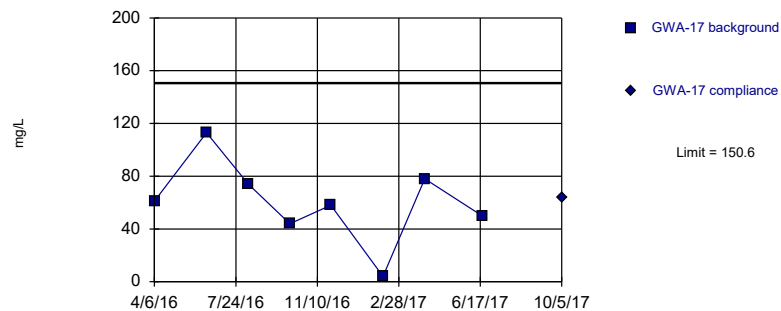
Background Data Summary: Mean=92.63, Std. Dev.=27.16, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9109, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



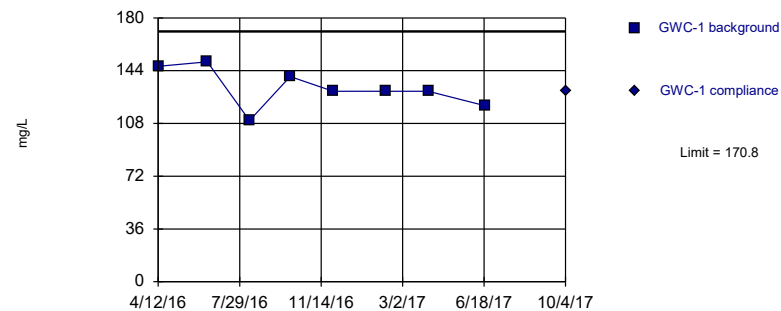
Background Data Summary: Mean=60.25, Std. Dev.=31.23, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



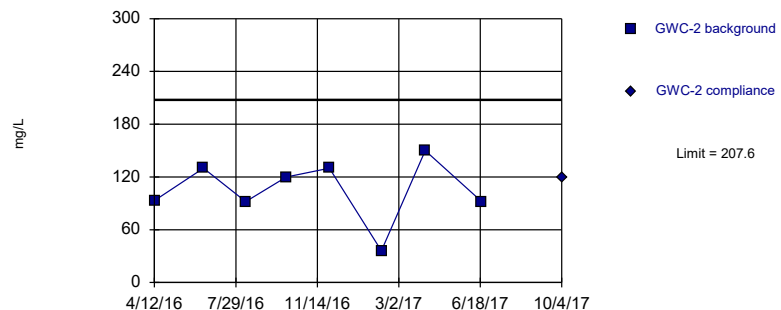
Background Data Summary: Mean=132.1, Std. Dev.=13.38, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9497, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



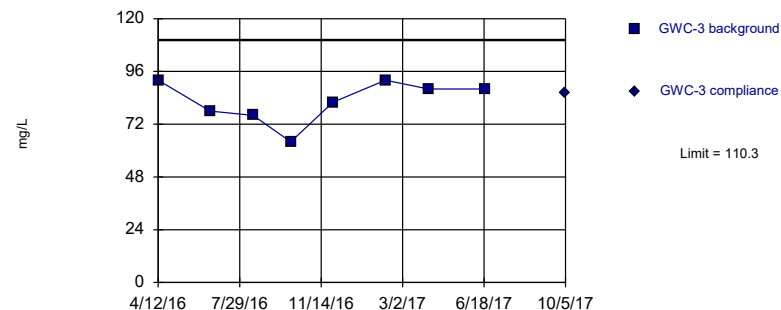
Background Data Summary: Mean=105.4, Std. Dev.=35.34, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9092, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



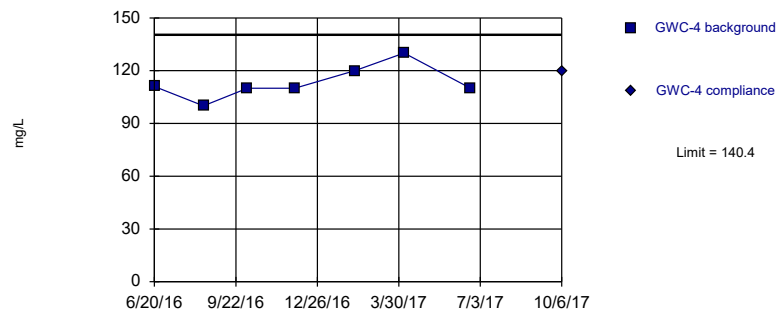
Background Data Summary: Mean=82.5, Std. Dev.=9.607, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



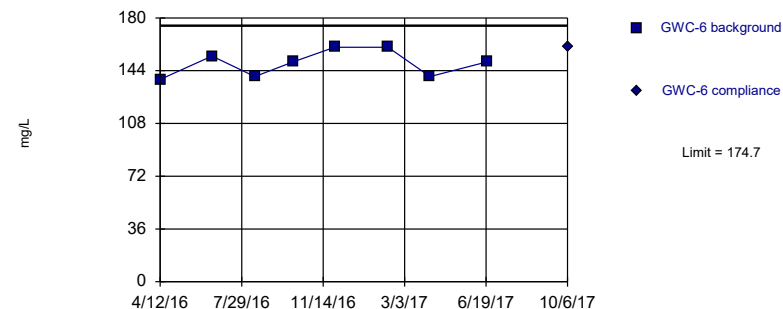
Background Data Summary: Mean=113, Std. Dev.=9.469, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.889, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



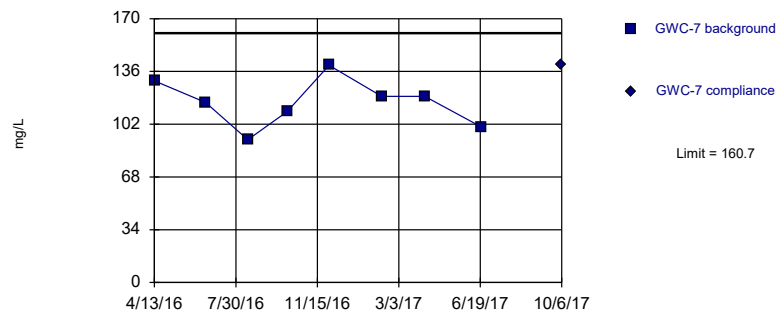
Background Data Summary: Mean=149, Std. Dev.=8.88, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8834, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



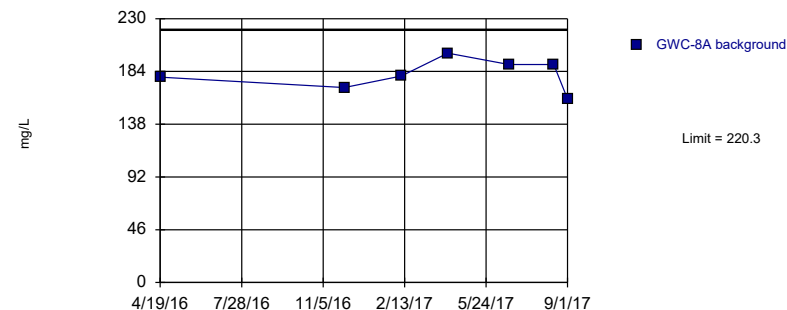
Background Data Summary: Mean=116, Std. Dev.=15.46, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric, GWC-8A



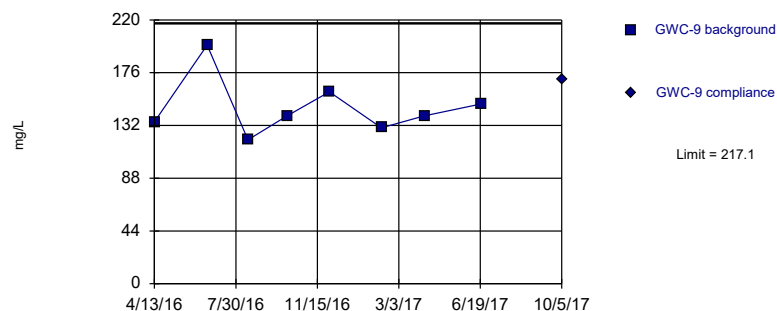
Background Data Summary: Mean=181.3, Std. Dev.=13.47, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.73. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



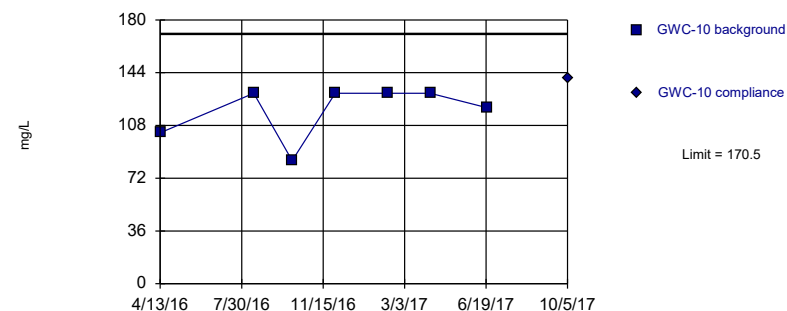
Background Data Summary: Mean=146.8, Std. Dev.=24.32, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8669, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



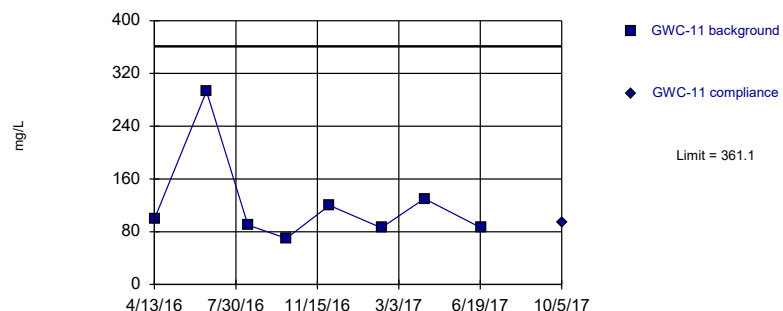
Background Data Summary: Mean=118.1, Std. Dev.=18.08, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7464, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=4.837, Std. Dev.=0.7892, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7682, critical = 0.749. Kappa overridden to 2.894.

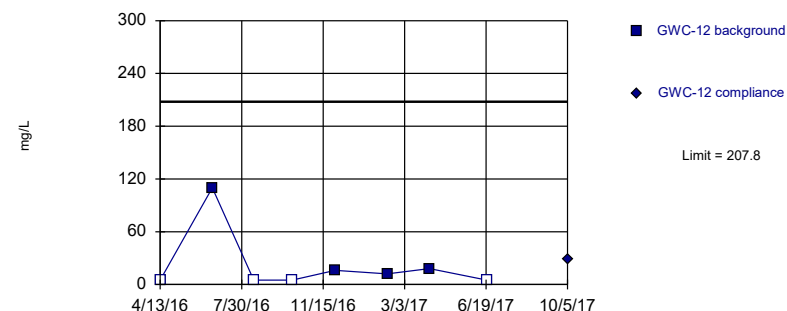
Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



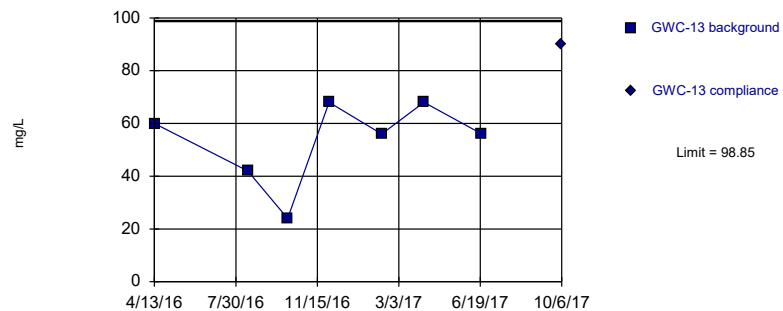
Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=2.411, Std. Dev.=1.011, n=8, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



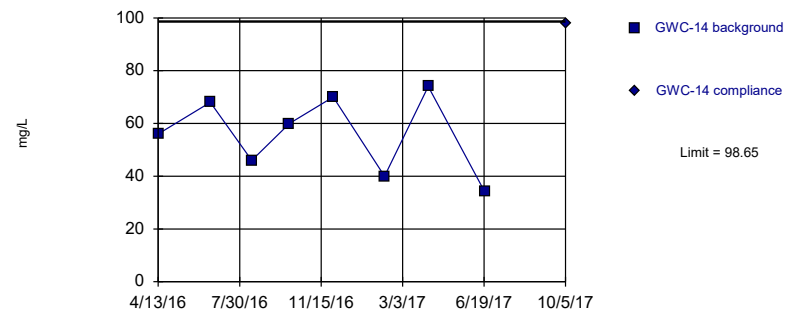
Background Data Summary: Mean=53.43, Std. Dev.=15.69, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8705, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



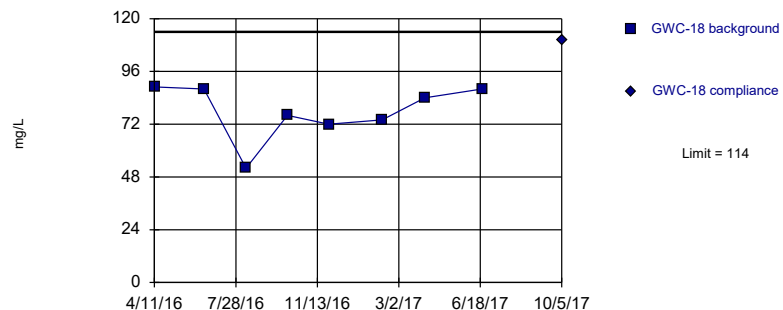
Background Data Summary: Mean=56, Std. Dev.=14.74, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.938, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



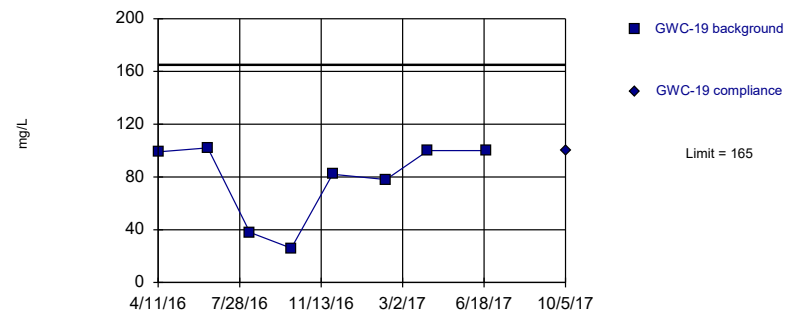
Background Data Summary: Mean=77.88, Std. Dev.=12.47, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8456, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



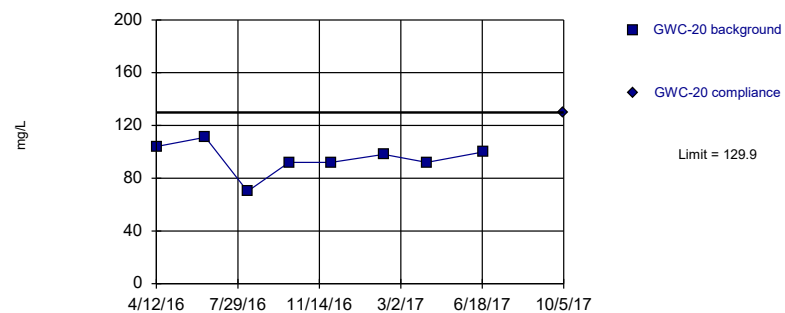
Background Data Summary: Mean=78.13, Std. Dev.=30.01, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7861, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=94.88, Std. Dev.=12.09, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 4/16/2018, 9:35 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium, Total (ug/L)	GWC-5	48	n/a	10/5/2017	52	Yes	69	2.899	n/a	0.000...	NP Inter (normality) ...
Boron (mg/L)	GWC-5	0.05	n/a	10/5/2017	0.47	Yes	27	96.3	n/a	0.002162	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.32	n/a	10/5/2017	130	Yes	27	0	sqrt(x)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.5	n/a	10/5/2017	67	Yes	27	0	n/a	0.002162	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	10/5/2017	38	Yes	69	91.3	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1	n/a	10/5/2017	380	Yes	27	92.59	n/a	0.002162	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	140.2	n/a	10/5/2017	950	Yes	27	3.704	No	0.000...	Param Inter 1 of 2

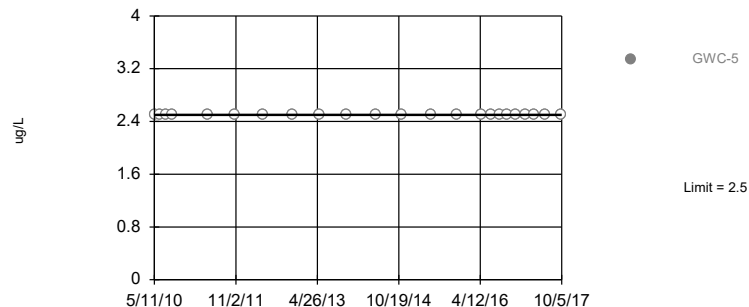
Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 4/16/2018, 9:35 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWC-5	2.5	n/a	10/5/2017	2.5ND	No	69	98.55	n/a	0.000...	NP Inter (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-5	1.3	n/a	10/5/2017	1.3ND	No	69	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Barium, Total (ug/L)	GWC-5	48	n/a	10/5/2017	52	Yes	69	2.899	n/a	0.000...	NP Inter (normality) ...
Beryllium, Total (ug/L)	GWC-5	2.5	n/a	10/5/2017	2.5ND	No	69	98.55	n/a	0.000...	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.05	n/a	10/5/2017	0.47	Yes	27	96.3	n/a	0.002162	NP Inter (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-5	2.5	n/a	10/5/2017	2.5ND	No	69	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.32	n/a	10/5/2017	130	Yes	27	0	sqrt(x)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.5	n/a	10/5/2017	67	Yes	27	0	n/a	0.002162	NP Inter (normality) ...
Chromium, Total (ug/L)	GWC-5	9	n/a	10/5/2017	2.9	No	68	35.29	n/a	0.000...	NP Inter (normality) ...
Cobalt, Total (ug/L)	GWC-5	3	n/a	10/5/2017	2.5ND	No	68	85.29	n/a	0.000...	NP Inter (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.0025	n/a	10/5/2017	0.0025ND	No	54	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.2	n/a	10/5/2017	0.2ND	No	27	88.89	n/a	0.002162	NP Inter (NDs) 1 of 2
Lead, Total (ug/L)	GWC-5	5.1	n/a	10/5/2017	1.3ND	No	69	78.26	n/a	0.000...	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	10/5/2017	0.0002ND	No	69	88.41	n/a	0.000...	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.0025	n/a	10/5/2017	0.0025ND	No	54	98.15	n/a	0.000...	NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-5	6.46	5.44	10/5/2017	5.64	No	27	0	n/a	0.004323	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	10/5/2017	38	Yes	69	91.3	n/a	0.000...	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.0013	n/a	10/5/2017	0.0013ND	No	54	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1	n/a	10/5/2017	380	Yes	27	92.59	n/a	0.002162	NP Inter (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-5	0.5	n/a	10/5/2017	0.5ND	No	69	98.55	n/a	0.000...	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	140.2	n/a	10/5/2017	950	Yes	27	3.704	No	0.000...	Param Inter 1 of 2
Vanadium (mg/L)	GWC-5	0.013	n/a	10/5/2017	0.0025ND	No	54	37.04	n/a	0.000...	NP Inter (normality) ...
Zinc (mg/L)	GWC-5	0.02	n/a	10/5/2017	0.0078	No	54	96.3	n/a	0.000...	NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

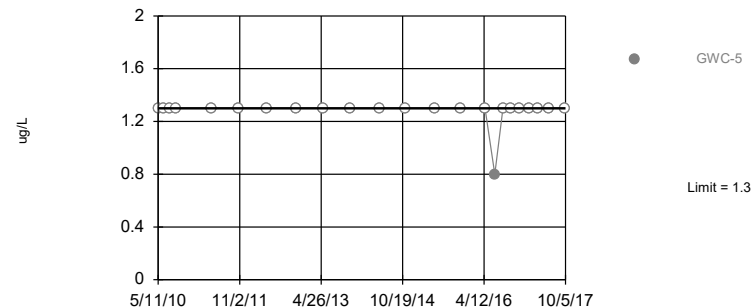


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 98.55% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Antimony, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

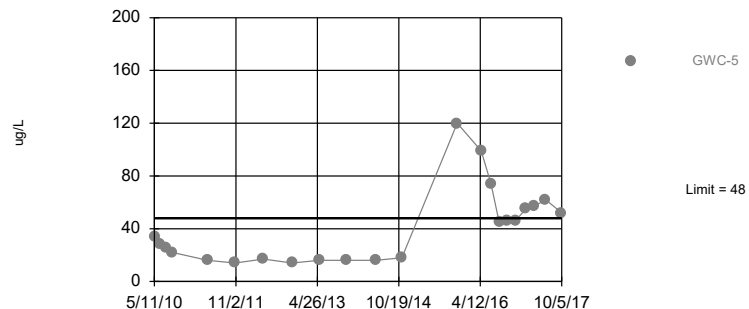


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 69) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Arsenic, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric

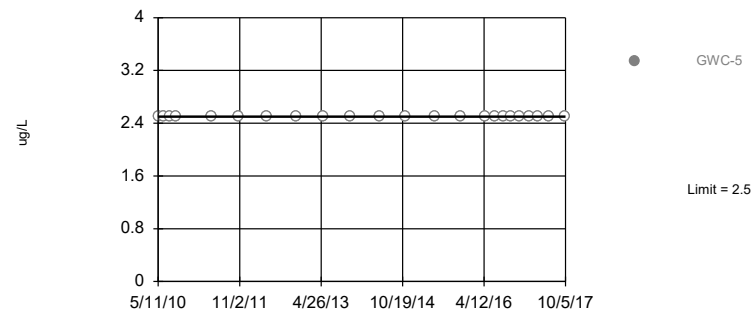


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 69 background values. 2.899% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Barium, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

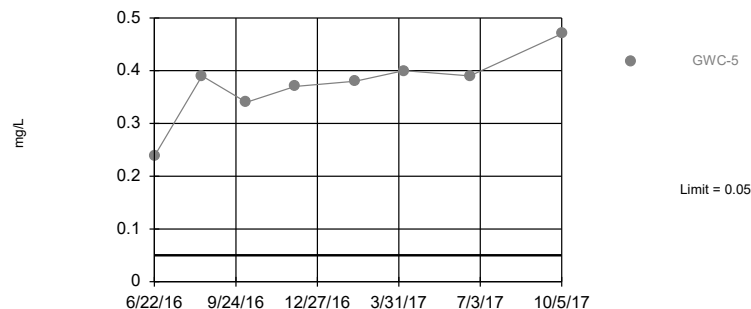


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 98.55% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Beryllium, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric

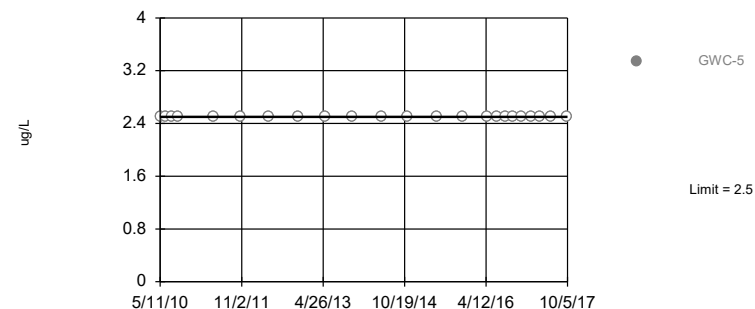


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Annual per-constituent alpha = 0.07093. Individual comparison alpha = 0.002162 (1 of 2). Assumes 16 future values.

Constituent: Boron Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

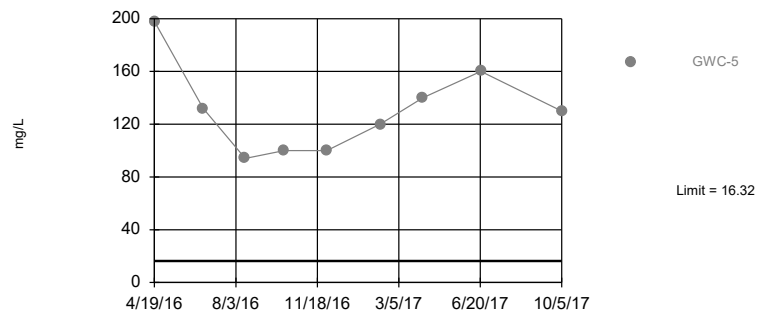


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 69) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Cadmium, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Parametric

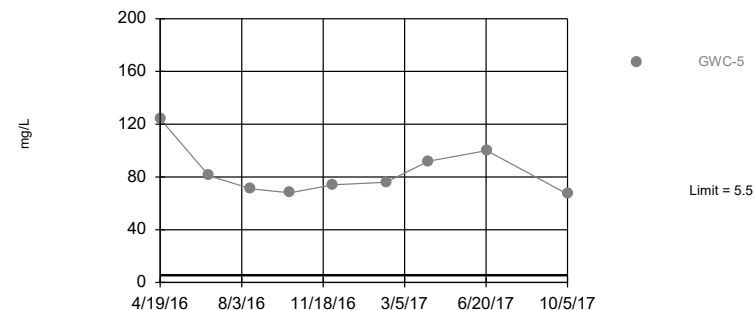


Background Data Summary (based on square root transformation): Mean=2.669, Std. Dev.=0.5929, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9076, critical = 0.894. Kappa = 2.313 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: Calcium Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric



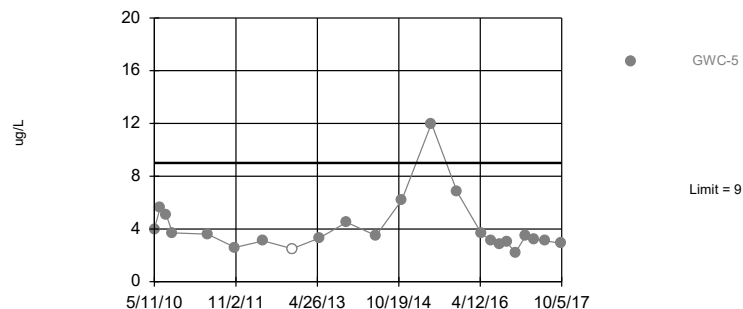
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. Annual per-constituent alpha = 0.07093. Individual comparison alpha = 0.002162 (1 of 2). Assumes 16 future values.

Constituent: Chloride Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

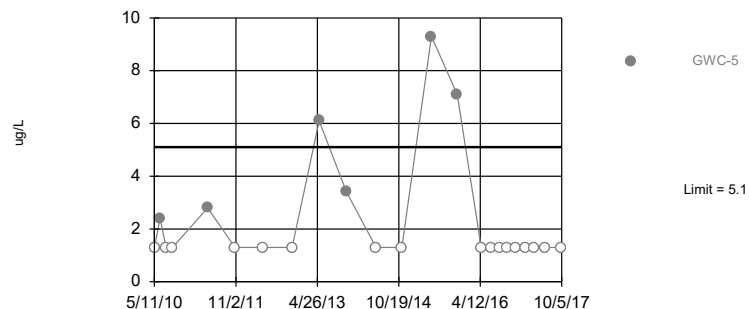
Within Limit

Prediction Limit Interwell Non-parametric



Within Limit

Prediction Limit Interwell Non-parametric

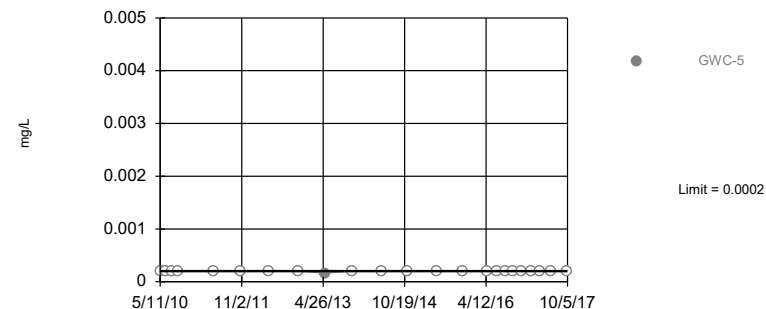


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 78.26% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Lead, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

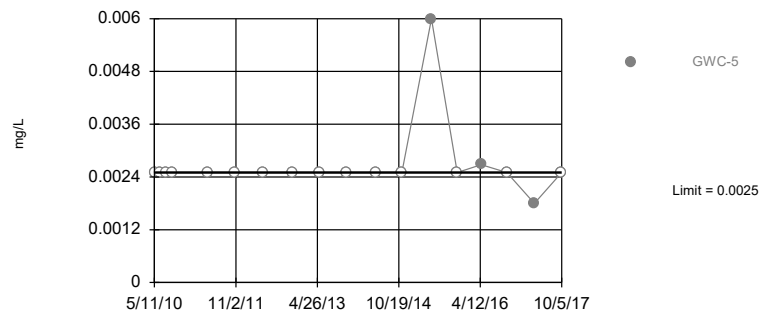


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 88.41% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Mercury Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

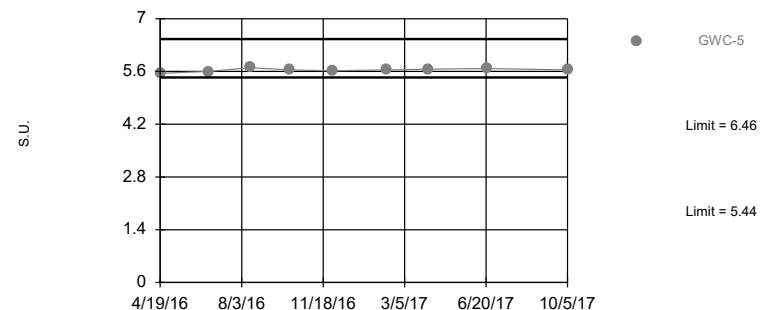


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 54 background values. 98.15% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Assumes 16 future values.

Constituent: Nickel Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Interwell Non-parametric

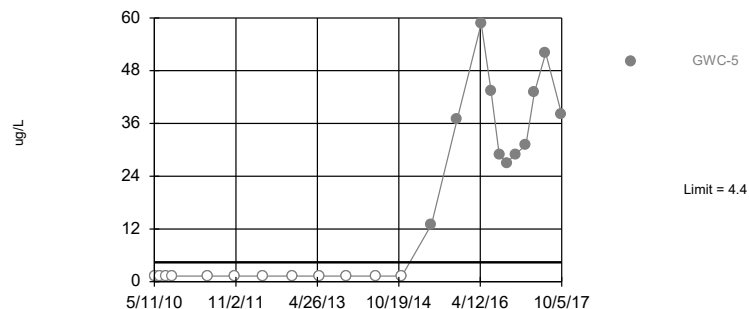


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 27 background values. Annual per-constituent alpha = 0.1419. Individual comparison alpha = 0.004323 (1 of 2). Assumes 16 future values.

Constituent: pH Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric

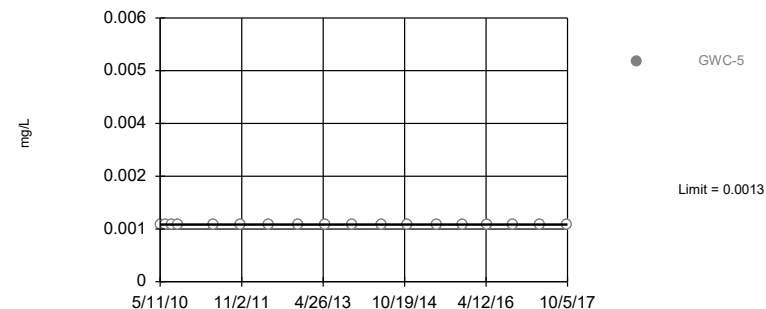


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 91.3% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Selenium, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

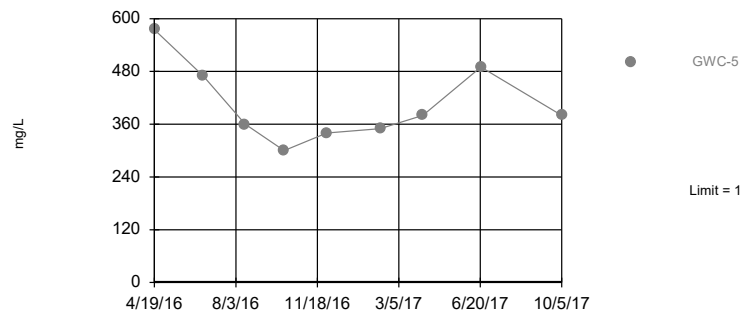


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 54) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Assumes 16 future values.

Constituent: Silver Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric

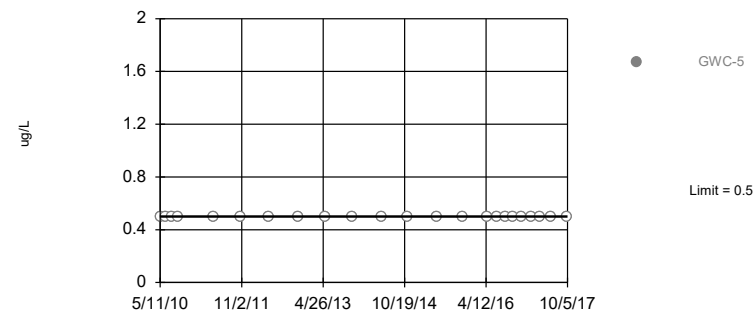


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Annual per-constituent alpha = 0.07093. Individual comparison alpha = 0.002162 (1 of 2). Assumes 16 future values.

Constituent: Sulfate Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric



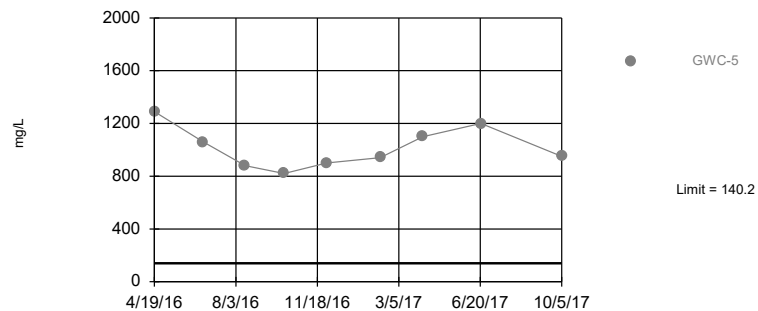
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 98.55% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Thallium, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=64.44, Std. Dev.=32.76, n=27, 3.704% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9678, critical = 0.894. Kappa = 2.313 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

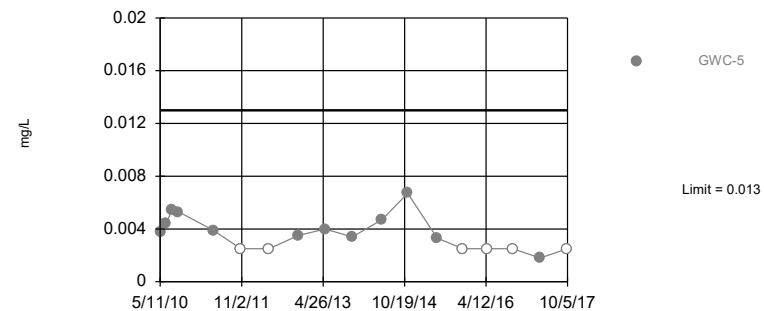
Constituent: Total Dissolved Solids Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 54 background values. 37.04% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Assumes 16 future values.

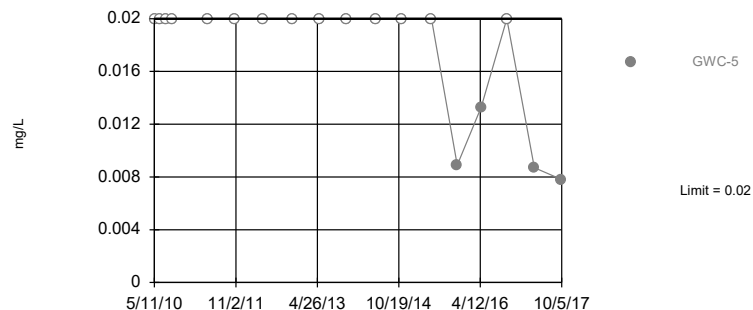
Constituent: Vanadium Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 54 background values. 96.3% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Assumes 16 future values.

Constituent: Zinc Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

INTRA-WELL STATISTICAL ANALYSES

PAC ASH CELL

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 4/12/2018, 12:34 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWA-49	14.2	n/a	10/10/2017	15	Yes	7	0	n/a	0.02765	NP Intra (normality) ...
Calcium (mg/L)	GWC-52	13	n/a	10/11/2017	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
pH (S.U.)	GWA-21	5.892	5.68	10/9/2017	5.61	Yes	8	0	No	0.000229	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	10/9/2017	2.5	Yes	8	12.5	No	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 4/12/2018, 12:34 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.05	n/a	10/9/2017	0.05ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.05	n/a	10/9/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.032	n/a	10/10/2017	0.79	No	8	0	No	0.000458	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.05	n/a	10/10/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.05	n/a	10/10/2017	0.05ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.05	n/a	10/10/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.05	n/a	10/10/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.05	n/a	10/10/2017	0.05ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.05	n/a	10/10/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.05	n/a	10/11/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.05	n/a	10/11/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.12	n/a	10/11/2017	1.1	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	12.64	n/a	10/9/2017	9.4	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.757	n/a	10/9/2017	5.8	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	47.03	n/a	10/10/2017	40	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.155	n/a	10/10/2017	5.8	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.37	n/a	10/10/2017	11	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.7	n/a	10/10/2017	13	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	14.2	n/a	10/10/2017	15	Yes	7	0	n/a	0.02765	NP Intra (normality) ...
Calcium (mg/L)	GWC-29	10.47	n/a	10/10/2017	10	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.352	n/a	10/10/2017	7.3	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.174	n/a	10/11/2017	6.9	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	10/11/2017	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Calcium (mg/L)	GWC-53	21.11	n/a	10/11/2017	19	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.12	n/a	10/9/2017	3.5	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	6.389	n/a	10/9/2017	3.4	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	11.24	n/a	10/10/2017	9.8	No	8	0	x^2	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-46	3.557	n/a	10/10/2017	3.5	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.813	n/a	10/10/2017	1.4	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	2.008	n/a	10/10/2017	1.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.536	n/a	10/10/2017	2	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.329	n/a	10/10/2017	3.3	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.225	n/a	10/10/2017	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.154	n/a	10/11/2017	6.5	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.927	n/a	10/11/2017	7.9	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	10/11/2017	10	No	7	0	No	0.000458	Param Intra 1 of 2
Fluoride (mg/L)	GWA-21	0.2	n/a	10/9/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.2	n/a	10/9/2017	0.2ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.2	n/a	10/10/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.2	n/a	10/10/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.2	n/a	10/10/2017	0.2ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.2	n/a	10/10/2017	0.2ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.2	n/a	10/10/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.2	n/a	10/10/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.2	n/a	10/10/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.2	n/a	10/11/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.2	n/a	10/11/2017	0.2ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.2	n/a	10/11/2017	0.2ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-21	5.892	5.68	10/9/2017	5.61	Yes	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.398	5.422	10/9/2017	5.52	No	8	0	No	0.000229	Param Intra 1 of 2

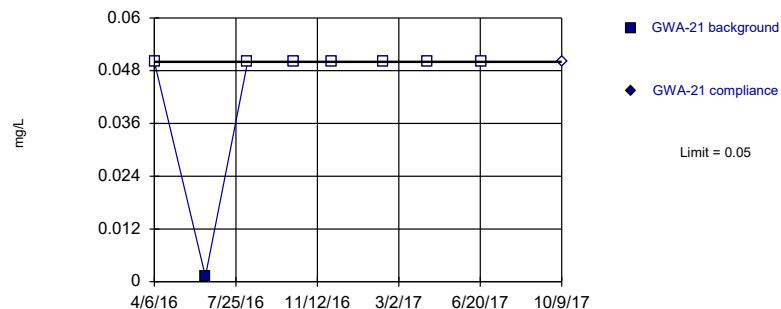
Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 4/12/2018, 12:34 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
pH (S.U.)	GWA-45	6.323	5.757	10/10/2017	6	No	7	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-46	6.025	5.597	10/10/2017	5.81	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-47	6.553	6.257	10/10/2017	6.44	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.915	6.485	10/10/2017	6.7	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-49	6.986	6.594	10/10/2017	6.84	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-29	5.907	5.673	10/10/2017	5.82	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-50	5.922	5.683	10/10/2017	5.76	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-51	5.932	5.71	10/11/2017	5.83	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.709	6.501	10/11/2017	6.61	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.697	5.425	10/11/2017	5.51	No	8	0	No	0.000229	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	10/9/2017	2.5	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1	n/a	10/9/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	192.8	n/a	10/10/2017	160	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1	n/a	10/10/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1	n/a	10/10/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.756	n/a	10/10/2017	0.92	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1	n/a	10/10/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	2.954	n/a	10/10/2017	2.5	No	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	1	n/a	10/10/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	1	n/a	10/11/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	10/11/2017	13	No	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	178.5	n/a	10/11/2017	160	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	117.2	n/a	10/9/2017	82	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	131.8	n/a	10/9/2017	50	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	319.8	n/a	10/10/2017	280	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	96.35	n/a	10/10/2017	34	No	8	12.5	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	125.9	n/a	10/10/2017	68	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	133.1	n/a	10/10/2017	70	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	125.1	n/a	10/10/2017	100	No	7	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	132.7	n/a	10/10/2017	86	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	123.7	n/a	10/10/2017	44	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	96.73	n/a	10/11/2017	56	No	7	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	149.8	n/a	10/11/2017	120	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	293.1	n/a	10/11/2017	280	No	8	0	No	0.000458	Param Intra 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

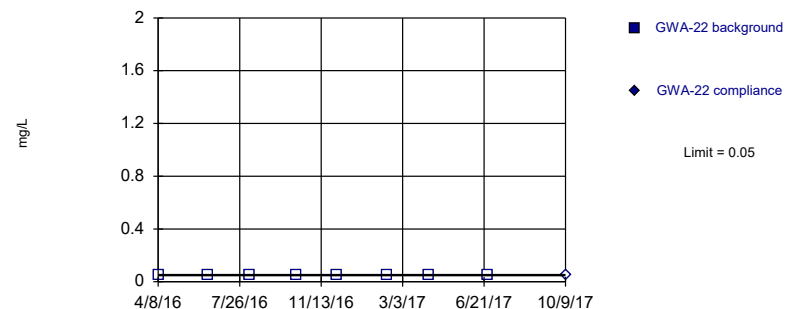


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

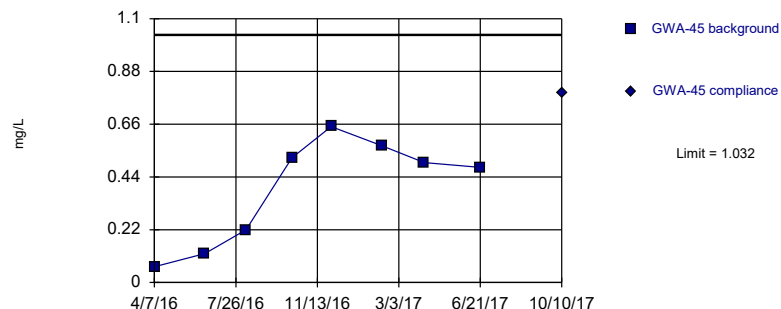


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

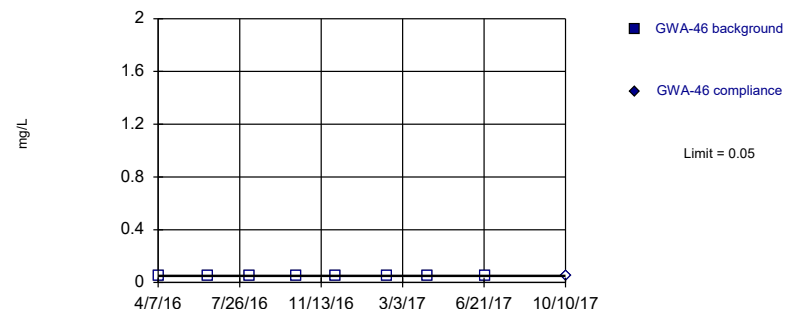


Background Data Summary: Mean=0.3907, Std. Dev.=0.2217, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

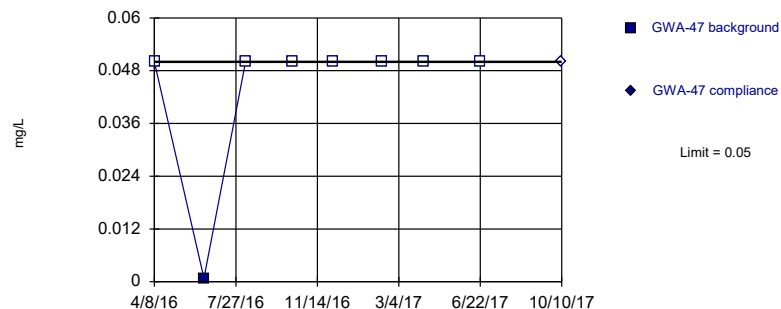


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

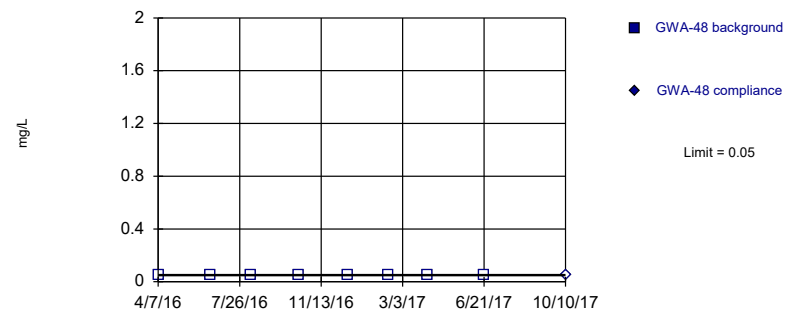


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

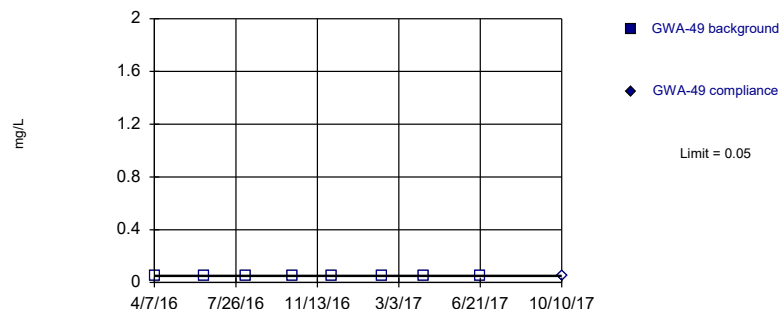


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

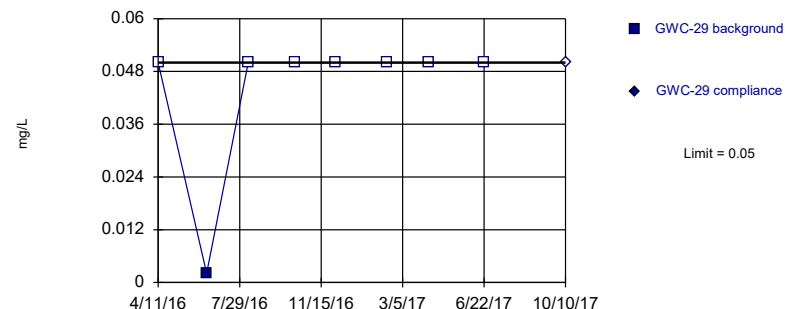


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

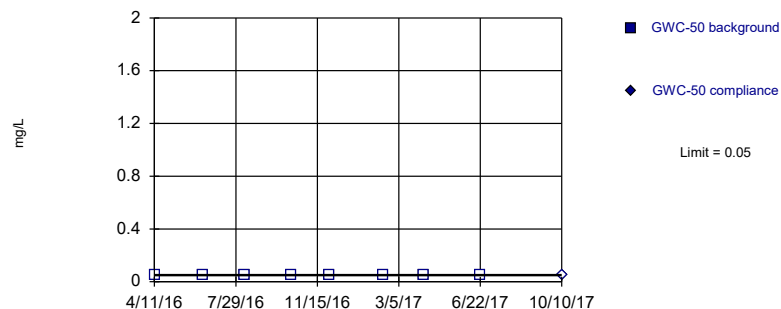


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

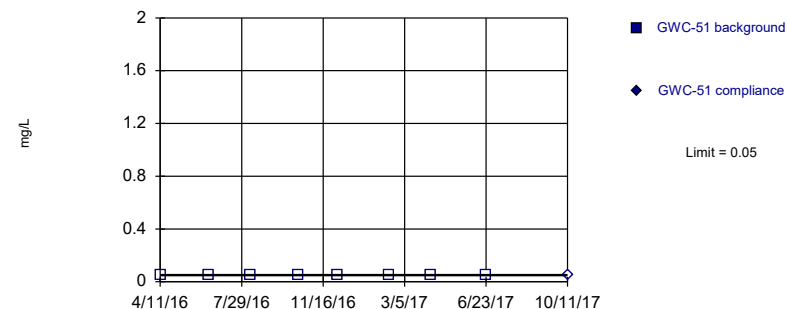


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

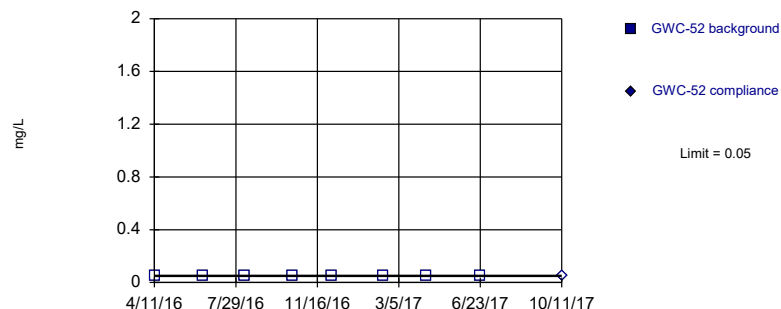


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

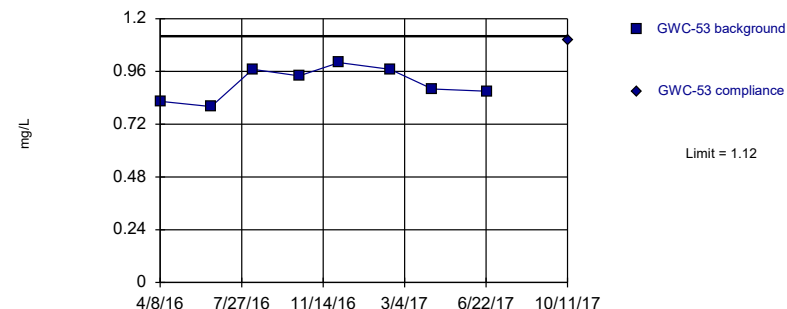


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



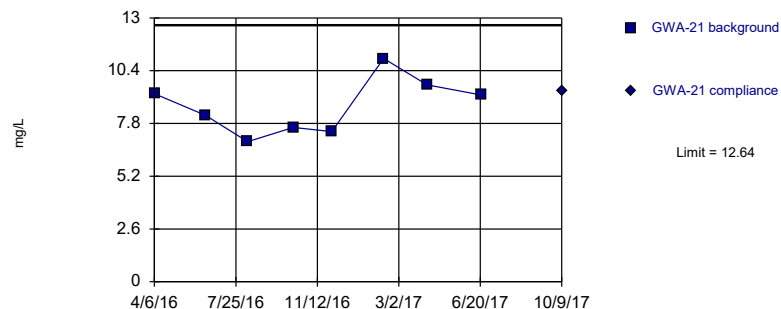
Background Data Summary: Mean=0.9068, Std. Dev.=0.07379, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9277, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



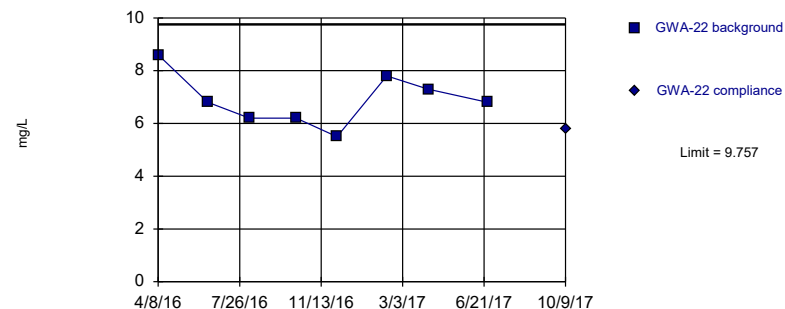
Background Data Summary: Mean=8.659, Std. Dev.=1.375, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



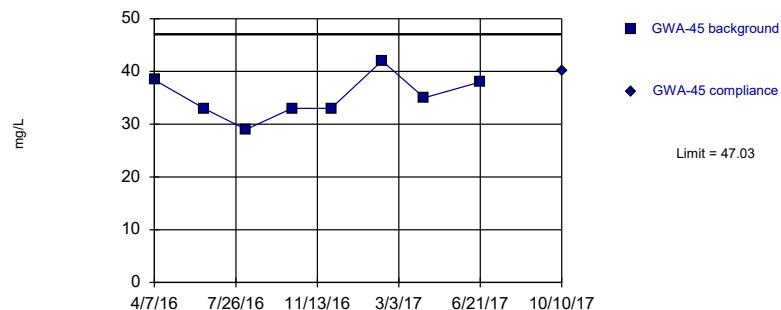
Background Data Summary: Mean=6.9, Std. Dev.=0.9871, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



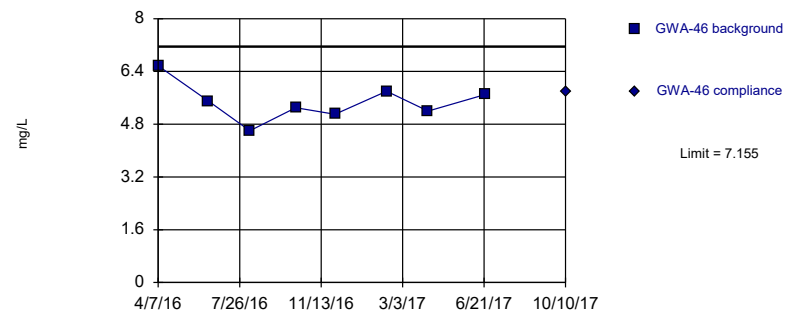
Background Data Summary: Mean=35.16, Std. Dev.=4.102, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



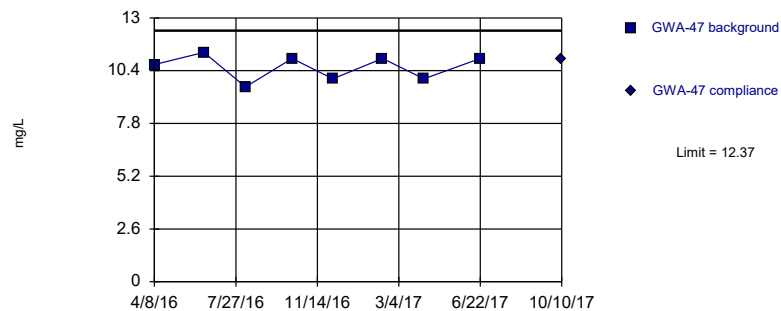
Background Data Summary: Mean=5.471, Std. Dev.=0.5817, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



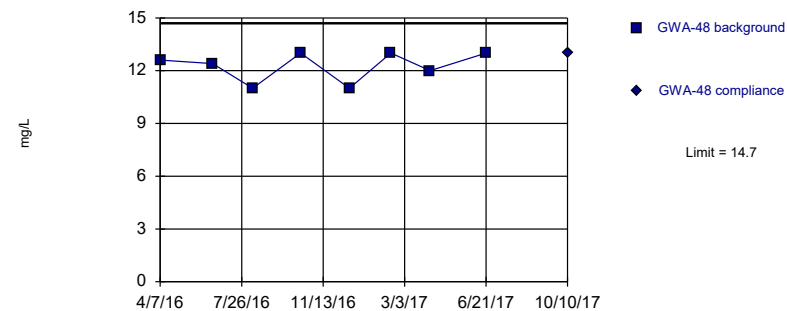
Background Data Summary: Mean=10.58, Std. Dev.=0.6205, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8759, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



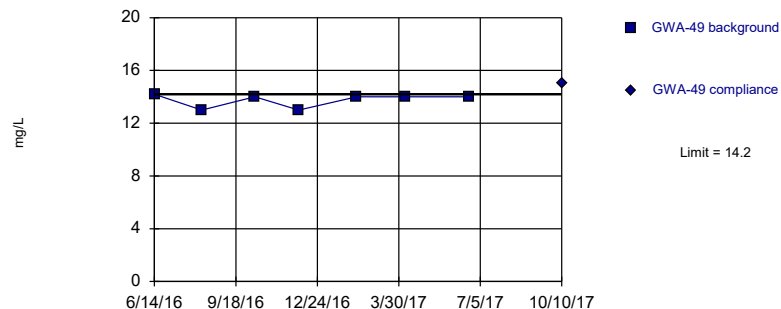
Background Data Summary: Mean=12.25, Std. Dev.=0.8468, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8199, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



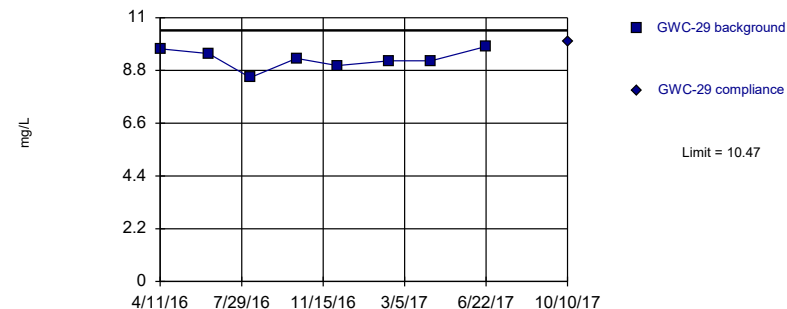
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 7 background values. Well-constituent pair annual alpha = 0.05455. Individual comparison alpha = 0.02765 (1 of 2).

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



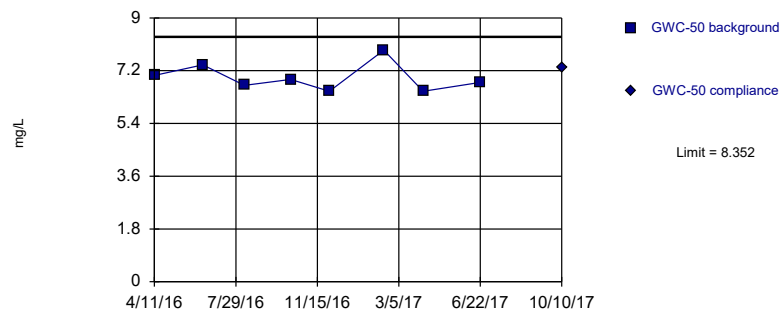
Background Data Summary: Mean=9.275, Std. Dev.=0.4132, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



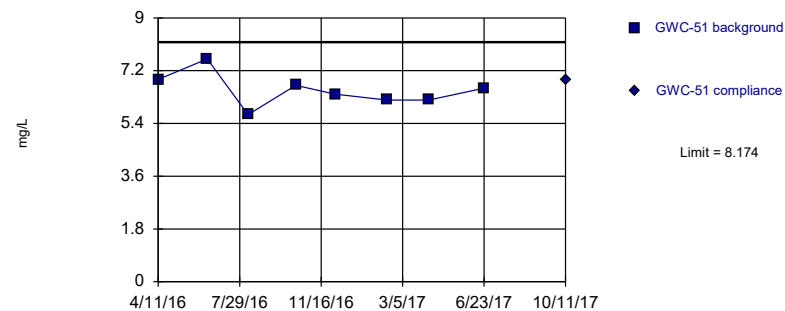
Background Data Summary: Mean=6.968, Std. Dev.=0.4786, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



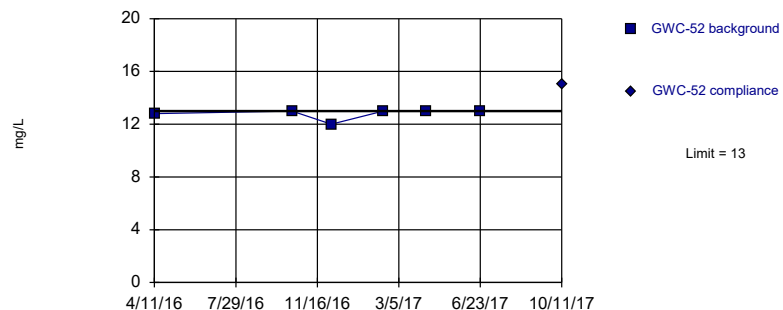
Background Data Summary: Mean=6.538, Std. Dev.=0.5655, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



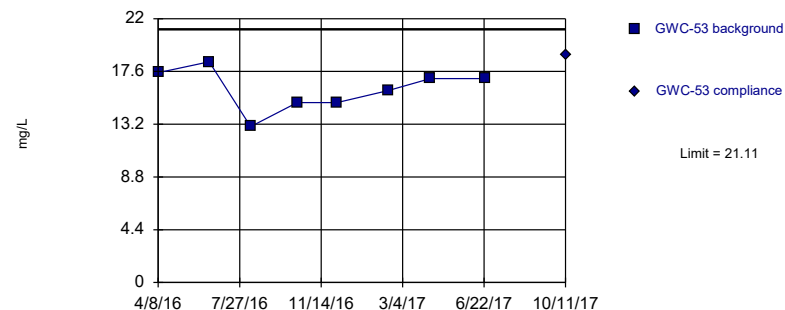
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



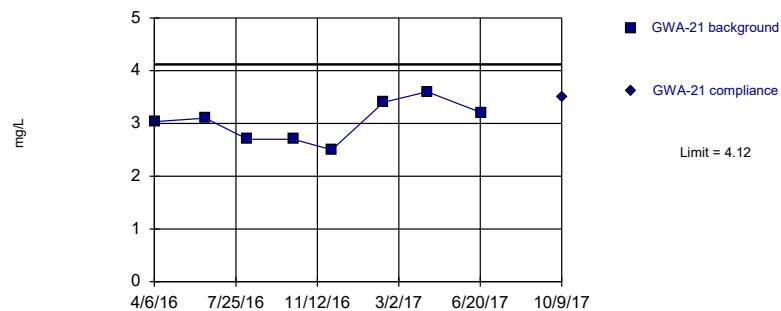
Background Data Summary: Mean=16.11, Std. Dev.=1.728, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.953, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



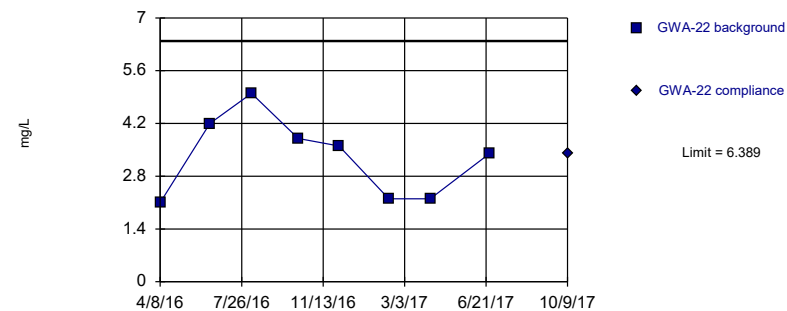
Background Data Summary: Mean=3.029, Std. Dev.=0.3769, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



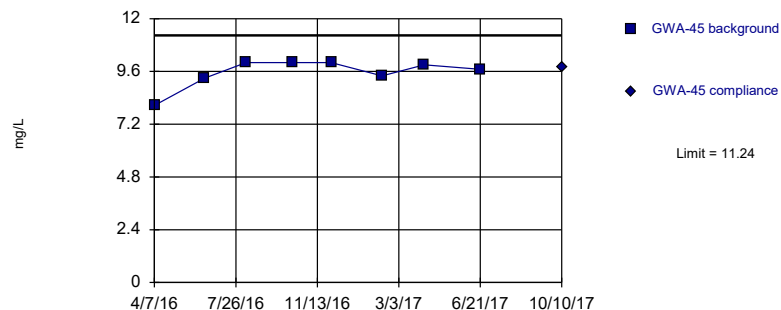
Background Data Summary: Mean=3.313, Std. Dev.=1.063, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



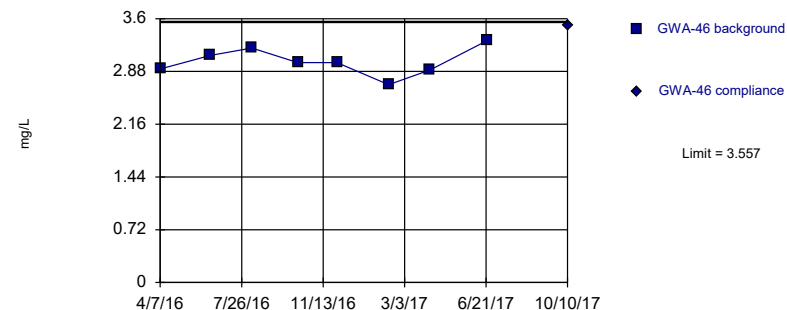
Background Data Summary (based on square transformation): Mean=91.47, Std. Dev.=12.03, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7639, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



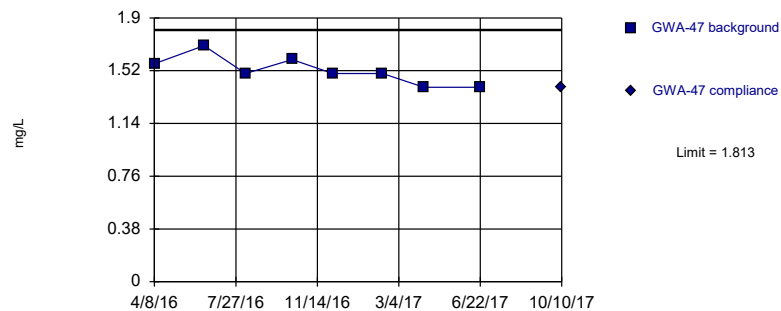
Background Data Summary: Mean=3.014, Std. Dev.=0.1874, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



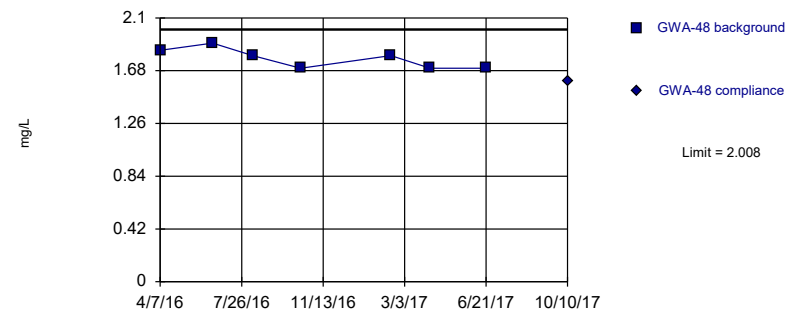
Background Data Summary: Mean=1.521, Std. Dev.=0.1009, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9268, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



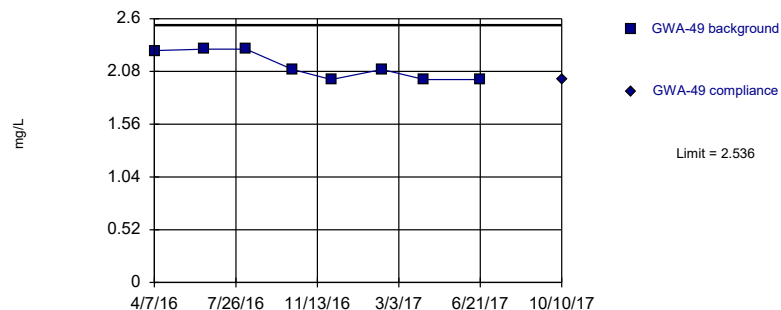
Background Data Summary: Mean=1.777, Std. Dev.=0.07979, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8644, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



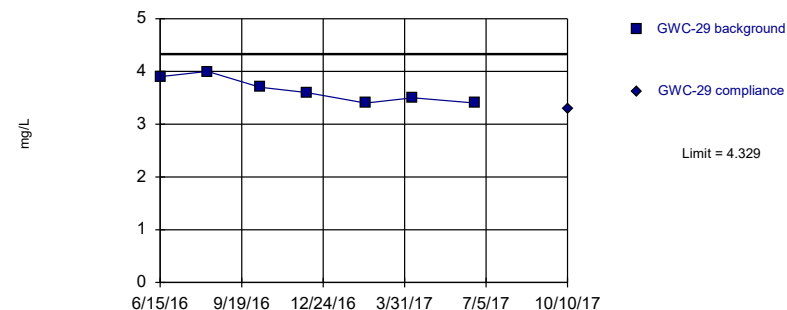
Background Data Summary: Mean=2.136, Std. Dev.=0.1384, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7934, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



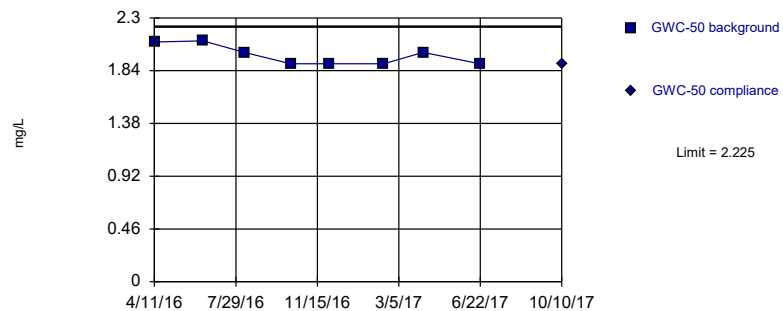
Background Data Summary: Mean=3.643, Std. Dev.=0.237, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9089, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



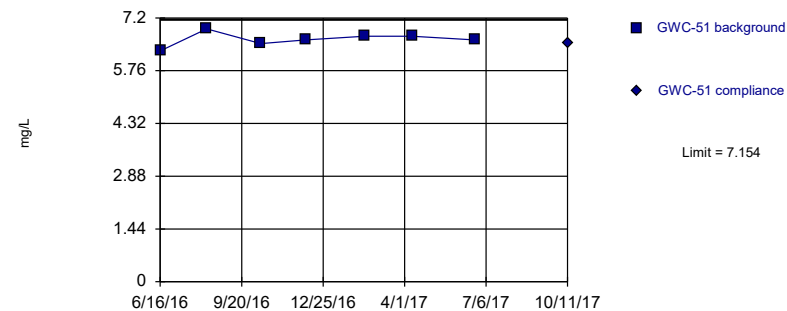
Background Data Summary: Mean=1.974, Std. Dev.=0.08667, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7929, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



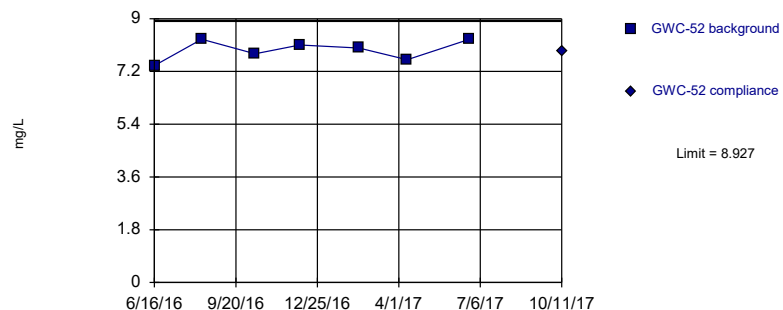
Background Data Summary: Mean=6.614, Std. Dev.=0.1864, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



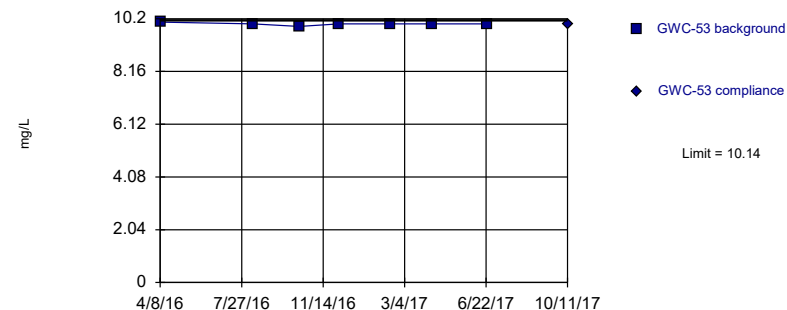
Background Data Summary: Mean=7.929, Std. Dev.=0.345, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric

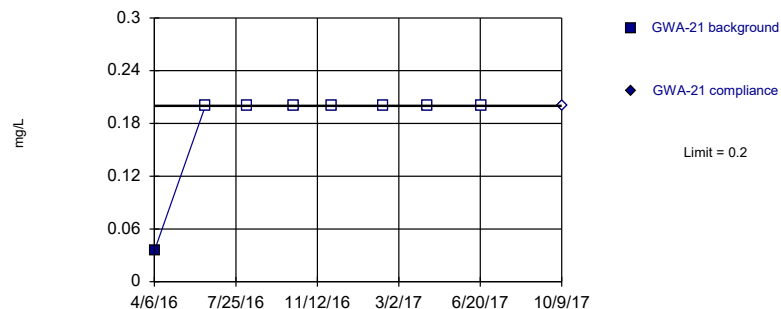


Background Data Summary: Mean=9.995, Std. Dev.=0.04839, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7528, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

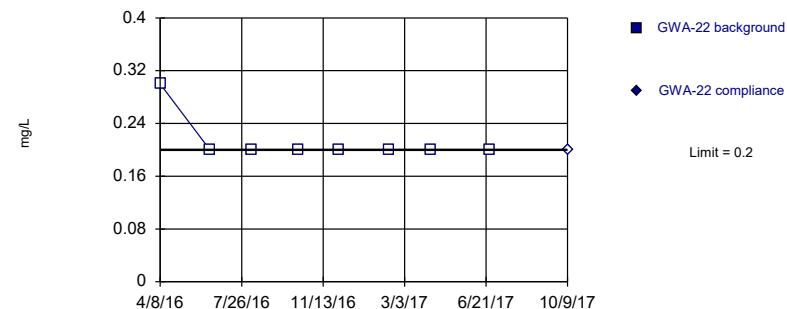


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

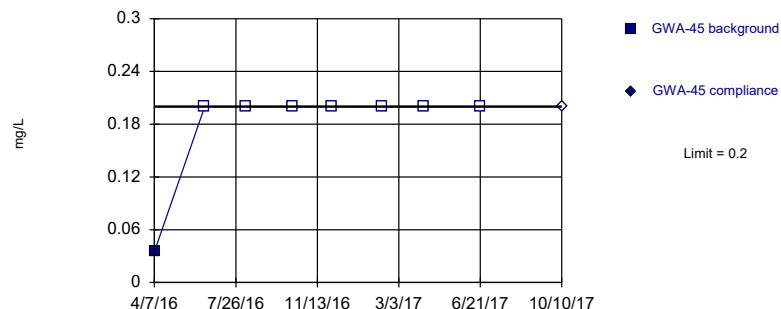


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

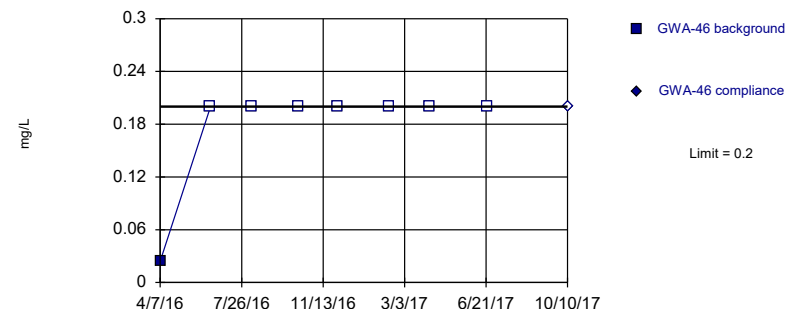


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

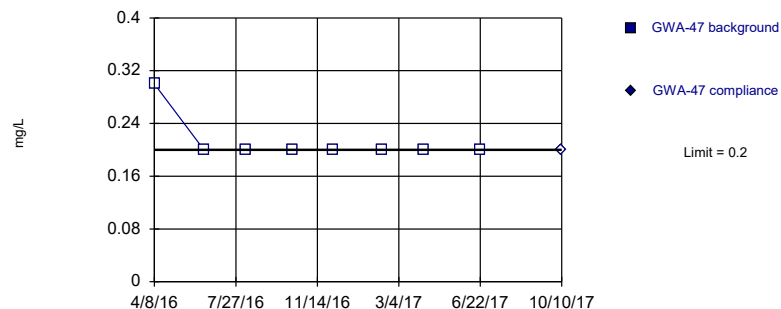


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

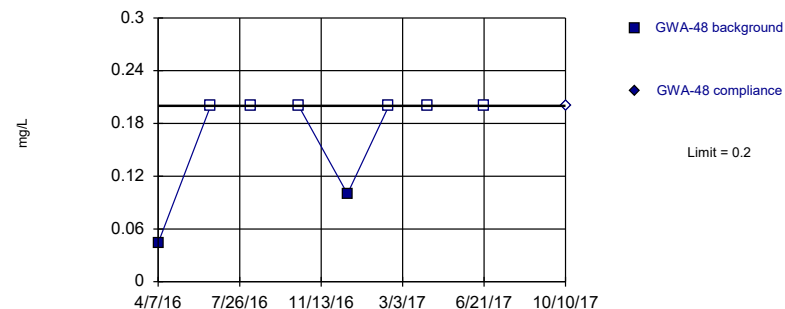


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

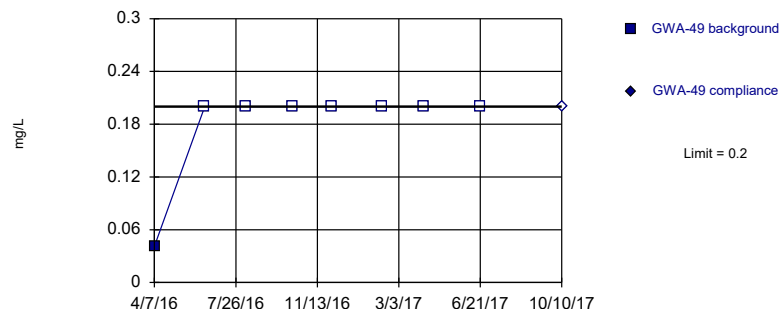


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

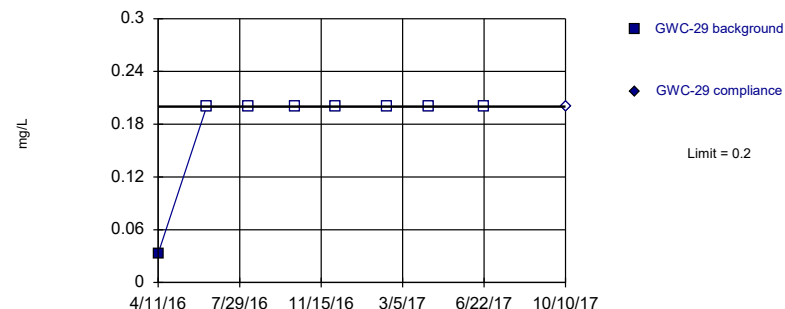


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

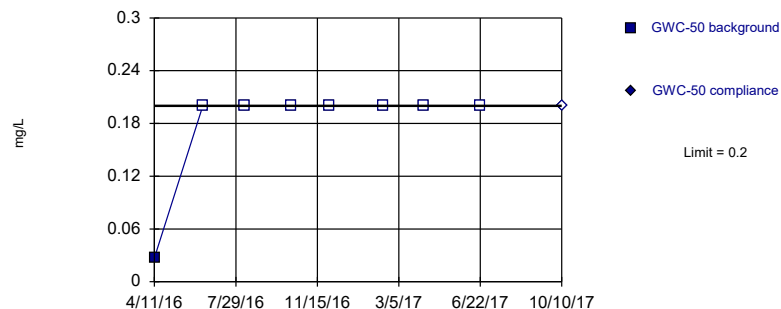


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

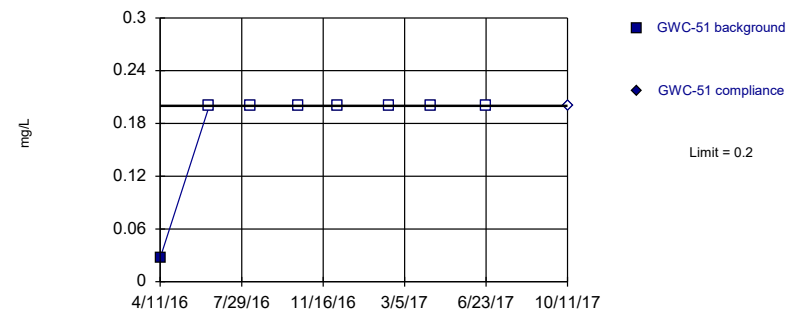


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

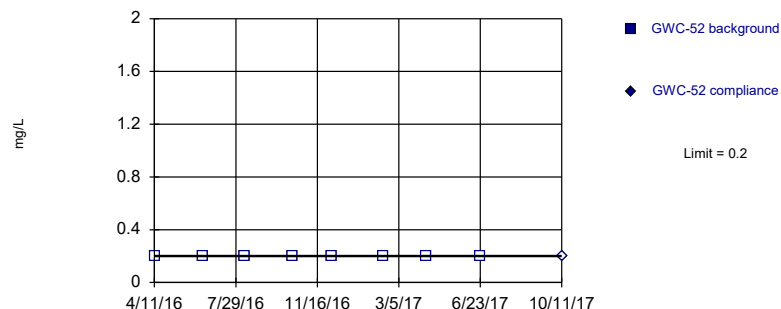


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

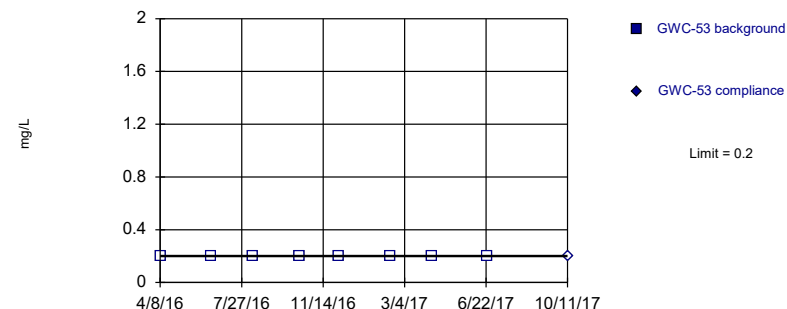


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



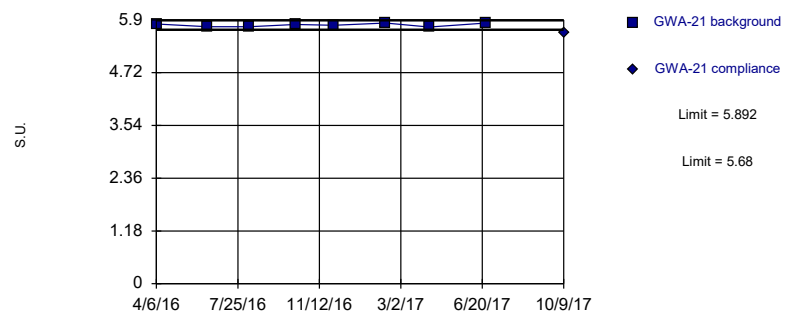
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limits

Prediction Limit

Intrawell Parametric



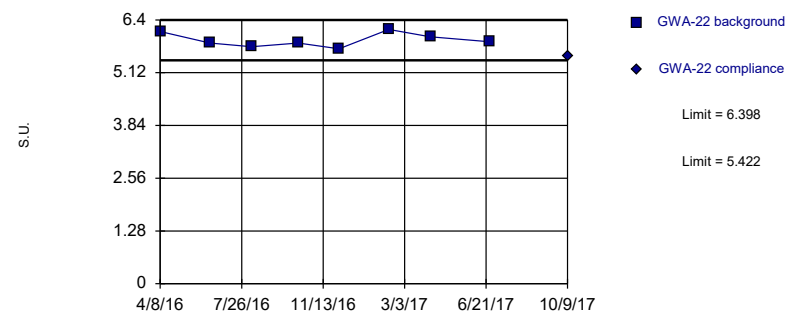
Background Data Summary: Mean=5.786, Std. Dev.=0.03662, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8891, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



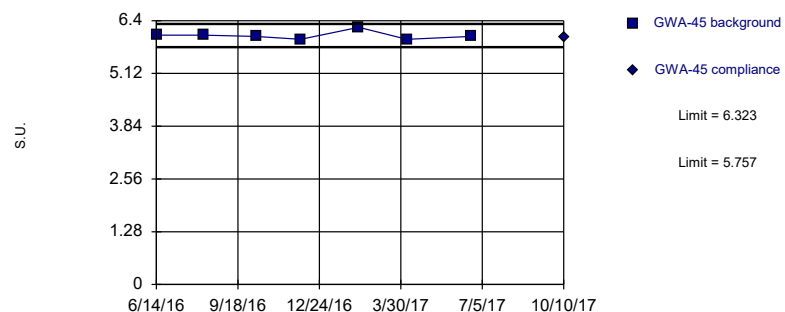
Background Data Summary: Mean=5.91, Std. Dev.=0.1687, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



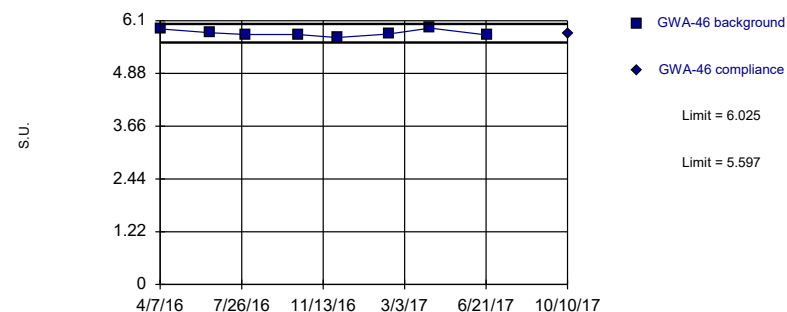
Background Data Summary: Mean=6.04, Std. Dev.=0.09764, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8102, critical = 0.73. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



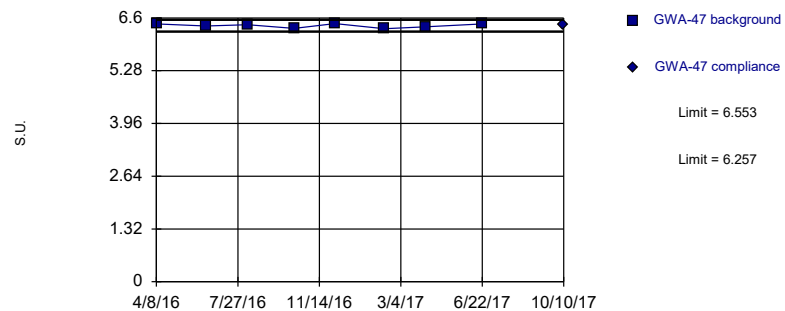
Background Data Summary: Mean=5.811, Std. Dev.=0.07396, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



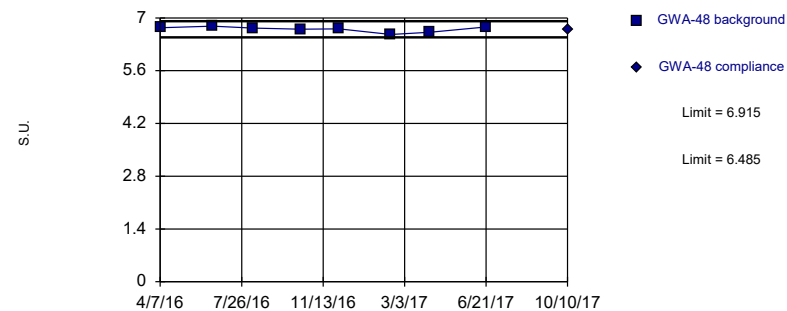
Background Data Summary: Mean=6.405, Std. Dev.=0.05099, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8913, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



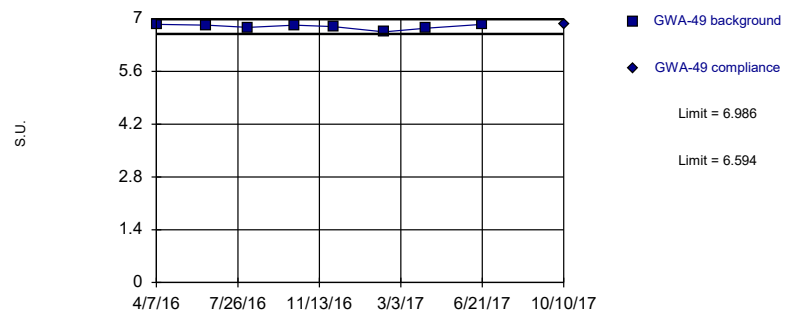
Background Data Summary: Mean=6.7, Std. Dev.=0.07426, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8918, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



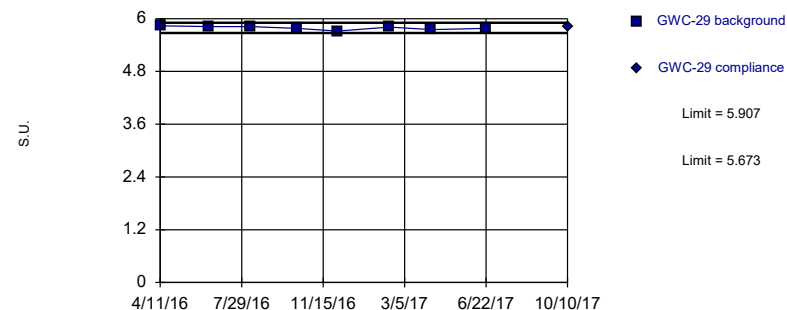
Background Data Summary: Mean=6.79, Std. Dev.=0.06761, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8547, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



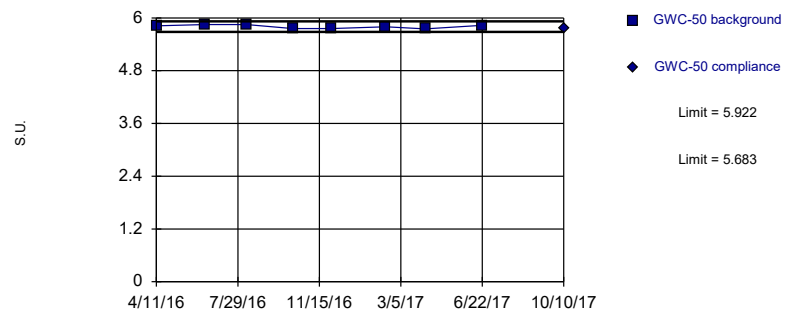
Background Data Summary: Mean=5.79, Std. Dev.=0.04036, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9383, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



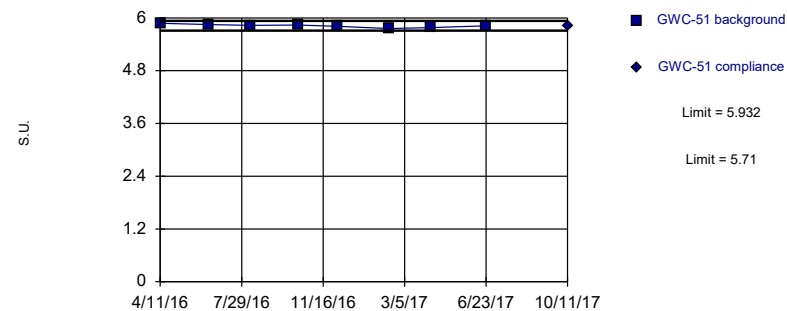
Background Data Summary: Mean=5.803, Std. Dev.=0.04132, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8761, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



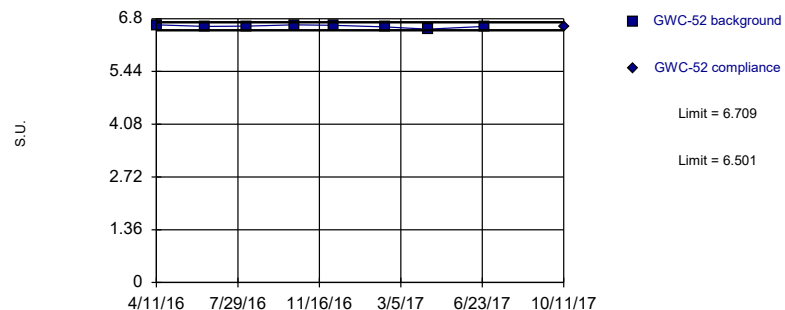
Background Data Summary: Mean=5.821, Std. Dev.=0.03834, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.983, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



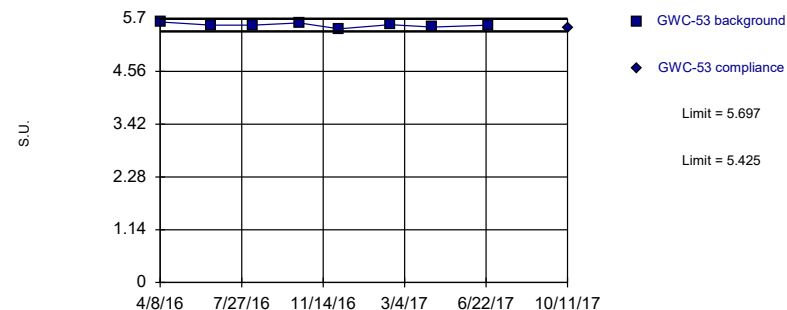
Background Data Summary: Mean=6.605, Std. Dev.=0.03586, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.864, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



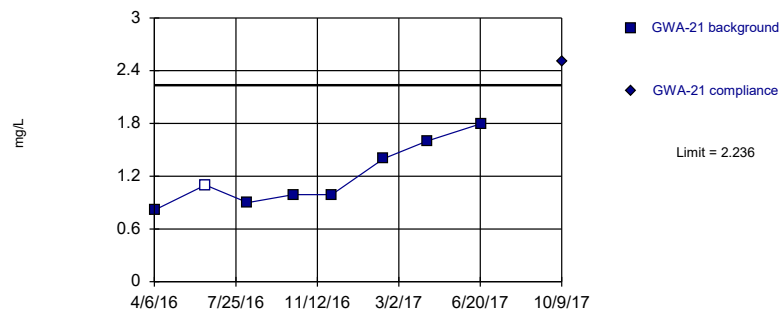
Background Data Summary: Mean=5.561, Std. Dev.=0.04704, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9453, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



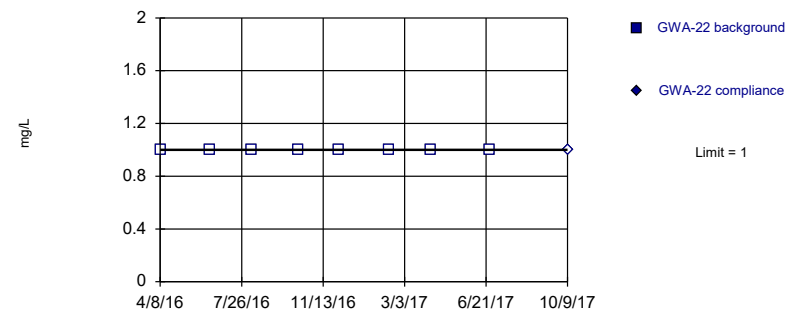
Background Data Summary: Mean=1.199, Std. Dev.=0.3582, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8949, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



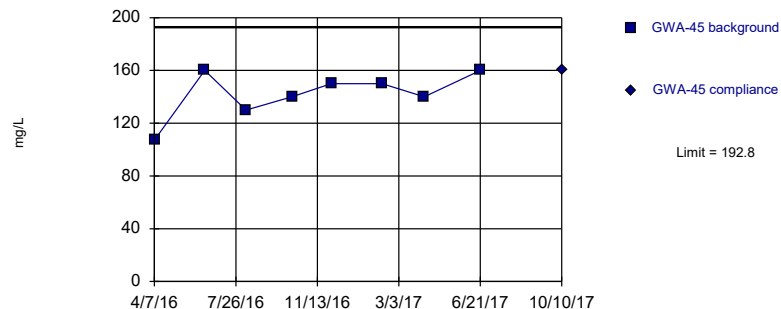
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



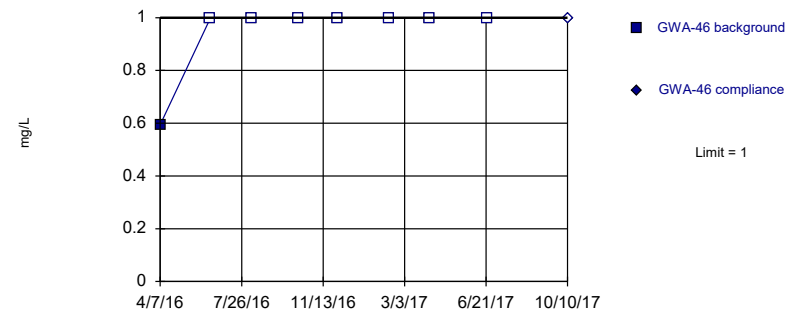
Background Data Summary: Mean=142.1, Std. Dev.=17.51, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

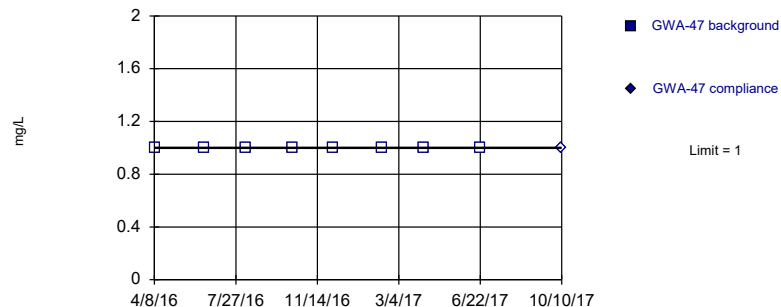


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

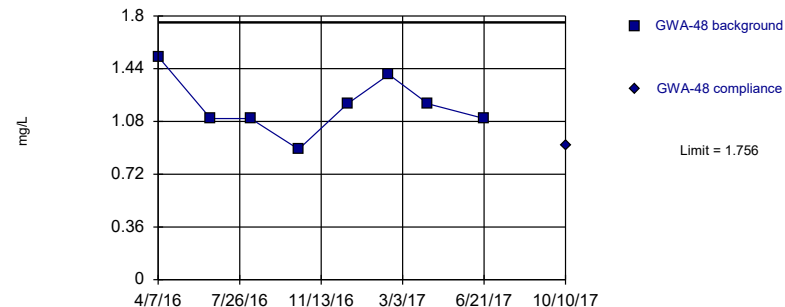


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

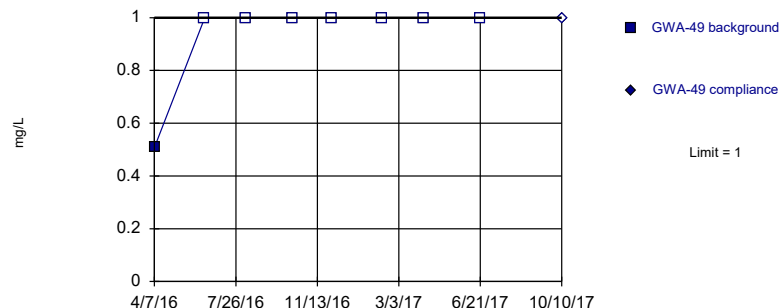


Background Data Summary: Mean=1.189, Std. Dev.=0.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

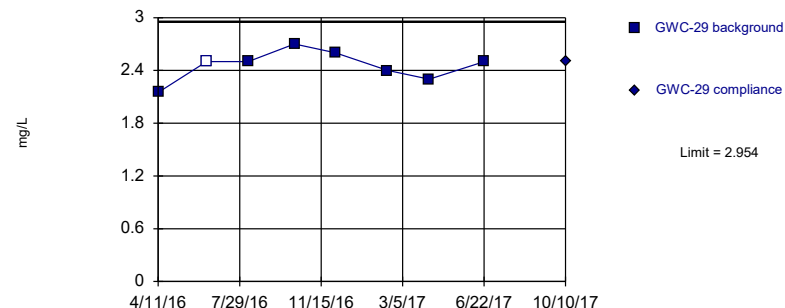


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

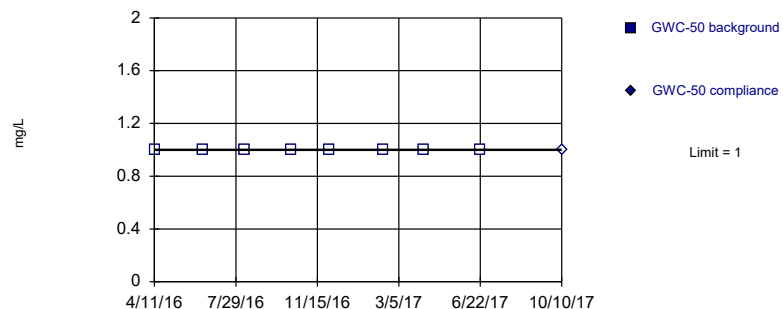


Background Data Summary: Mean=2.456, Std. Dev.=0.172, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9567, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

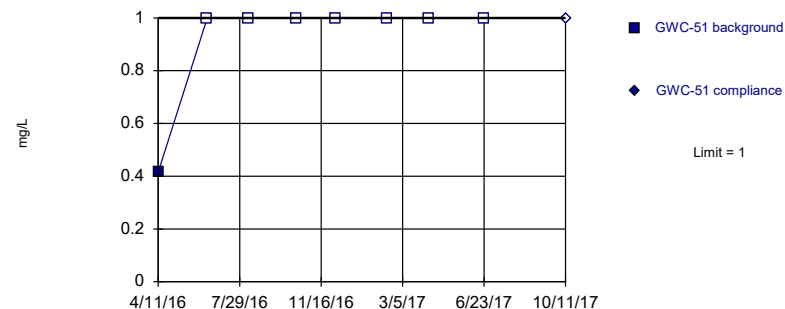


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

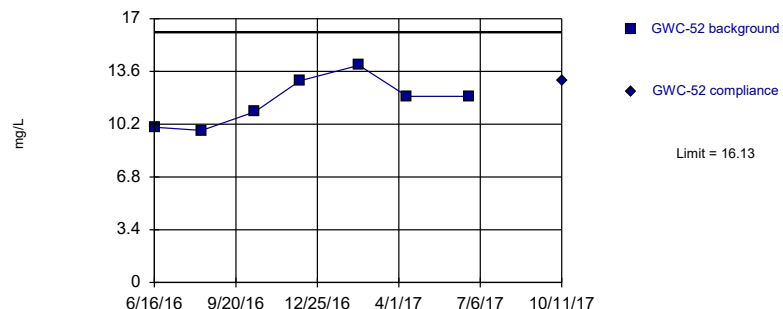


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

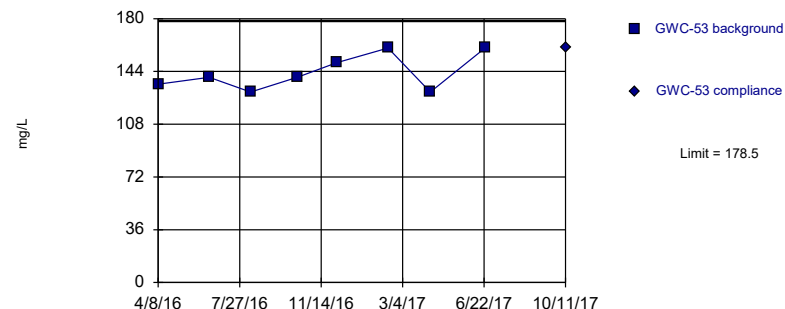


Background Data Summary: Mean=11.69, Std. Dev.=1.536, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.73. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



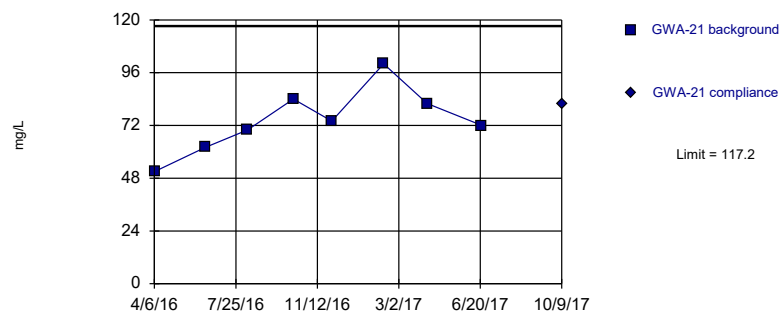
Background Data Summary: Mean=143.2, Std. Dev.=12.2, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.876, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: ApplIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



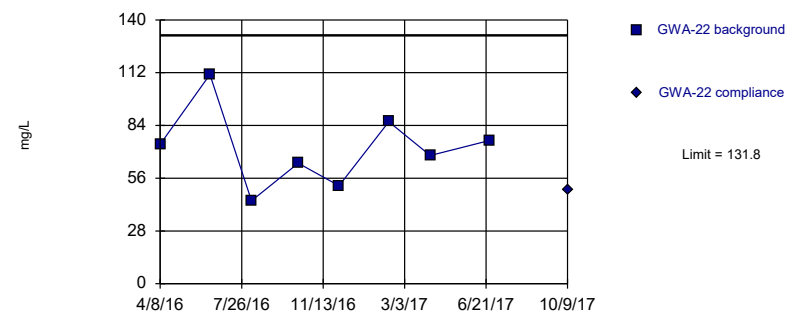
Background Data Summary: Mean=74.38, Std. Dev.=14.79, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9837, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



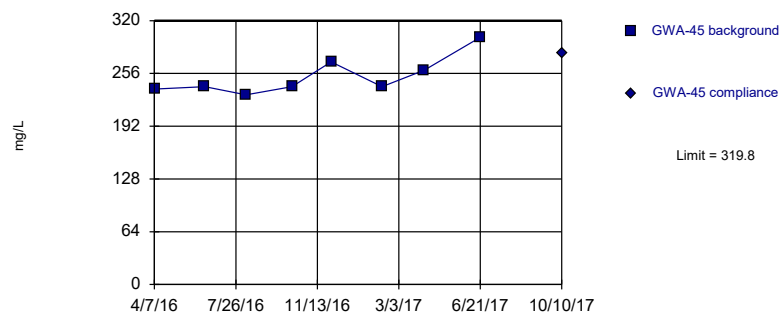
Background Data Summary: Mean=71.88, Std. Dev.=20.7, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



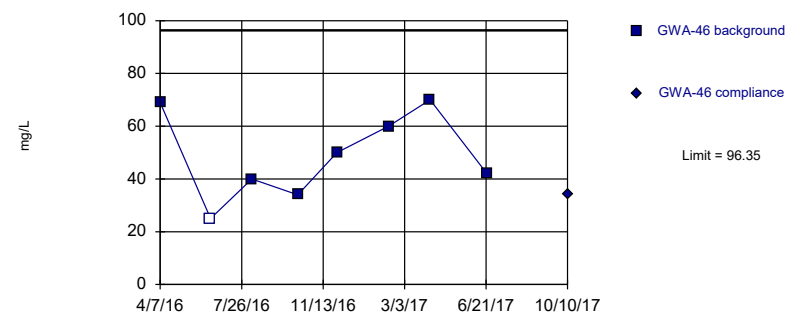
Background Data Summary: Mean=252.1, Std. Dev.=23.4, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8267, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



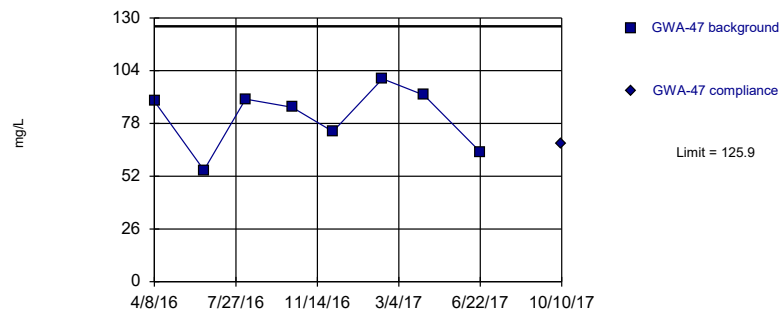
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Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



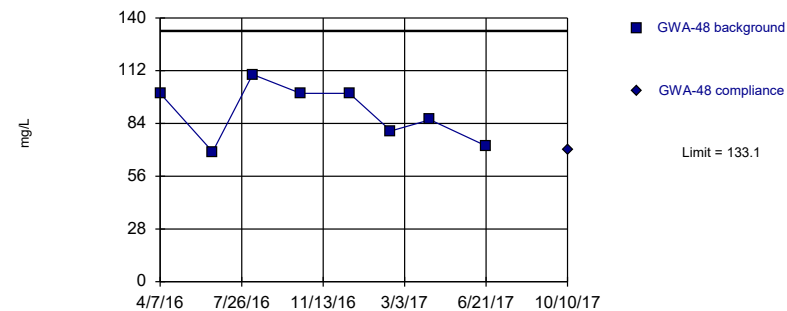
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Within Limit

Prediction Limit

Intrawell Parametric



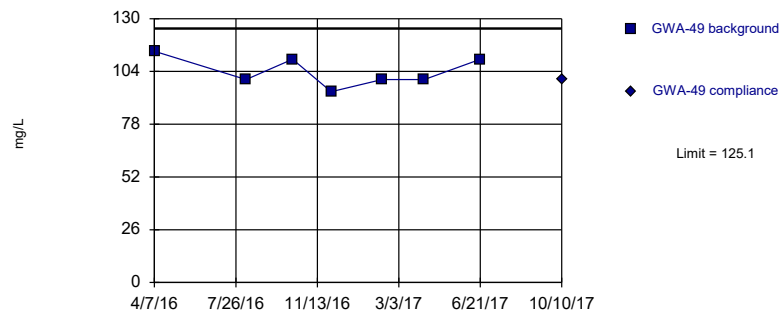
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Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



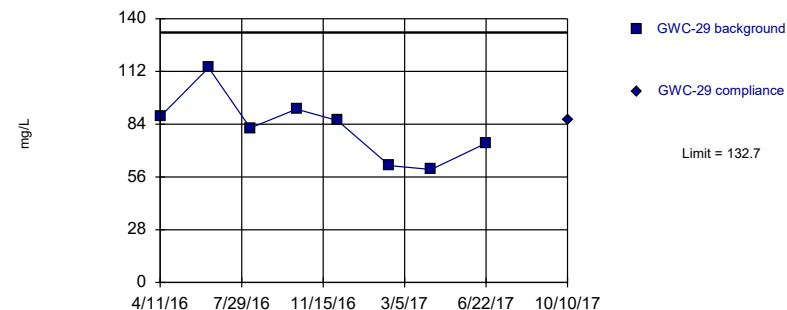
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



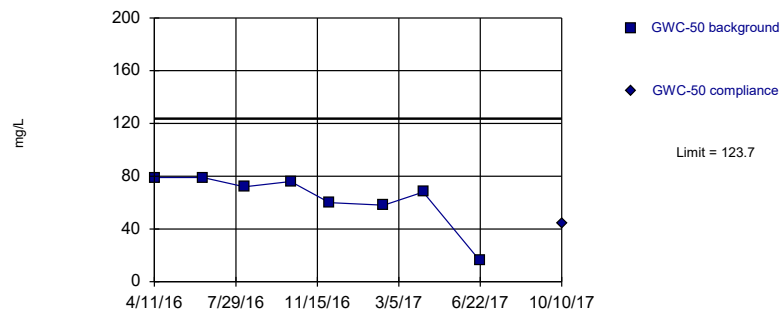
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Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



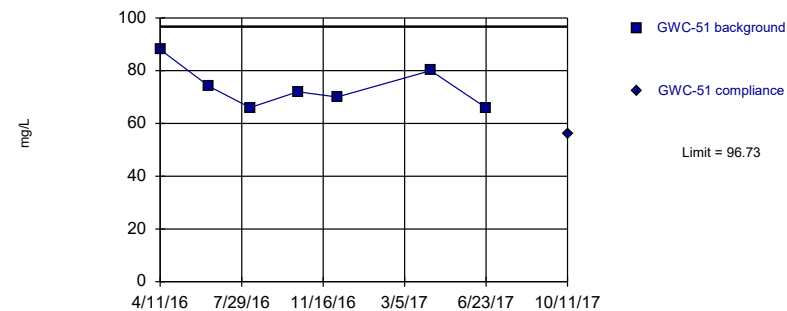
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



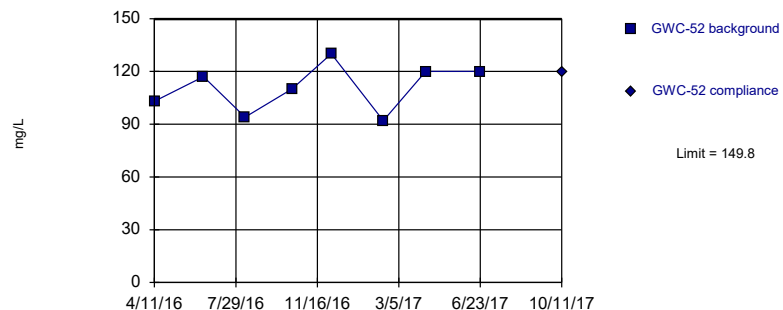
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Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



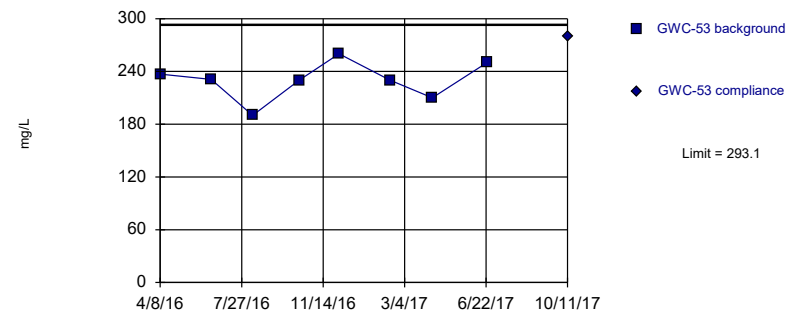
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Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



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Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR



golder.com



REPORT

Alternate Source Demonstration

GPC Plant Scherer Cell 1 and PAC Ash Cell

1st Semi-Annual 2018 Event

Submitted to:



Georgia Power

Georgia Power Company

241 McGill Boulevard NE, Atlanta, Georgia 30308

Submitted by:

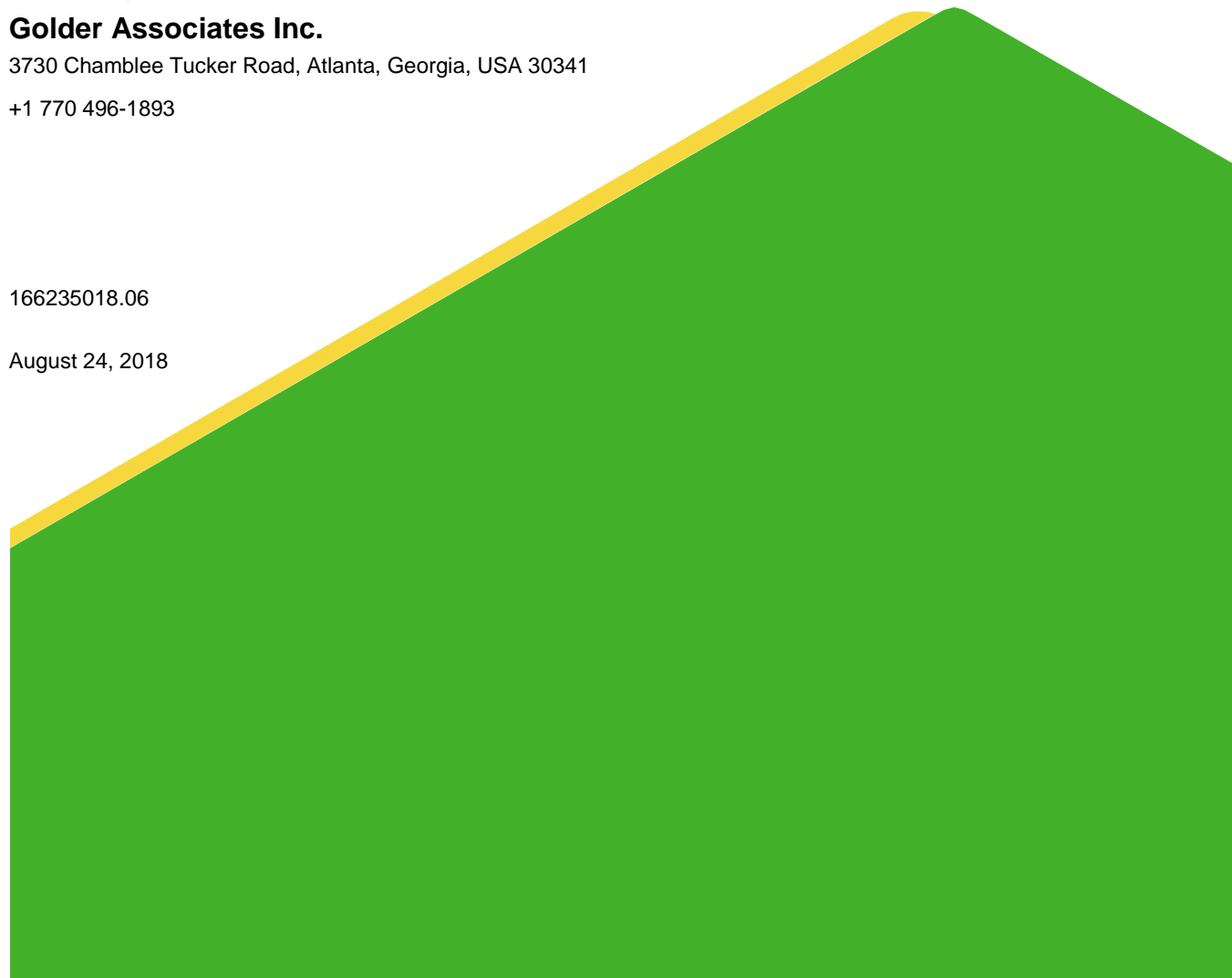
Golder Associates Inc.

3730 Chamblee Tucker Road, Atlanta, Georgia, USA 30341

+1 770 496-1893

166235018.06

August 24, 2018



Distribution List

Georgia Power Company - Plant Scherer

Tyler J. Boyles - Georgia Power Company (electronic only)

Joju Abraham, PG - Southern Company Services (electronic only)

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APPENDIX B STATISTICAL ANALYSES

Certification

This August 2018 *Alternate Source Demonstration, Georgia Power Company Plant Scherer* has been prepared in compliance with applicable Georgia Solid Waste Management Rule by a qualified groundwater scientist or engineer with Golder Associates Inc. References to the appropriate 391-3-4 Rules are incorporated throughout this document.

Golder Associates Inc.

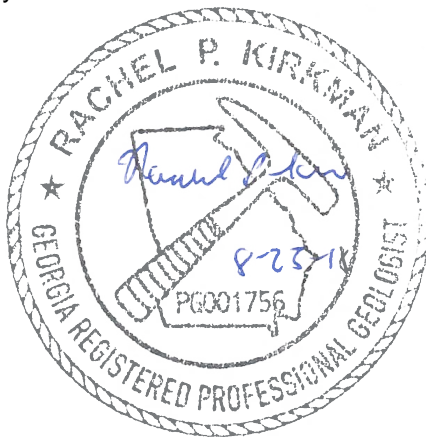


Dawn L. Prell
Senior Hydrogeologist

8/23/2018

Date

I certify that I, Rachel P. Kirkman, a Georgia registered professional geologist, have sufficient training and experience in hydrogeology and related fields to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I also certify that the data in this report has been compiled under my direction.



Rachel P. Kirkman, PG
Georgia Georgia Registered Professional Geologist No. 1756

8/23/2018

Date

dlp/rpk/wrs

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[https://golderassociates.sharepoint.com/sites/24912g/project files/200 reports/alternate source demonstrations/july 2018 asd_state permit 1sa2018/august 2018 asd_state permit 1sa-2018 final.docx](https://golderassociates.sharepoint.com/sites/24912g/project%20files/200%20reports/alternate%20source%20demonstrations/july%202018%20asd_state%20permit%201sa2018/august%202018%20asd_state%20permit%201sa-2018%20final.docx)

1.0 INTRODUCTION

This alternate source demonstration (ASD) report has been prepared by Golder Associates Inc. (Golder) in accordance with §391-3-4-.14.23.c of the Georgia Solid Waste Management Rules to address the statistically significant increases (SSIs) over background presented in the *2018 1st Semi-Annual Groundwater Monitoring Report*, dated July 2, 2018 for the groundwater sampling event at Georgia Power's Plant Scherer (Scherer) Cell 1 and Powered Activated Carbon (PAC) Ash cell.

Semi-annual water quality monitoring and reporting for Scherer is performed in accordance with the monitoring program requirements of the Georgia (GA) Department of Natural Resources Environmental Protection Division (EPD) Chapter 391-3-4 Solid Waste Management; Solid Waste Permit 102-009D(LI); and the *Groundwater Monitoring Plan Narrative of the Design & Operations Plan for Georgia Power Company's, Plant Scherer CCB Disposal Facility*, prepared by Southern Company Generation Engineering and Construction Services, February 26, 2010, including a minor modification for the addition of Appendix III and Appendix IV monitoring parameters approved by EPD on August 9, 2017. The following sections address the apparent SSIs noted following the March 2018 monitoring event as described in the *2018 1st Semi-Annual Groundwater Monitoring Report*, dated July 2, 2018 (submitted under separate cover).

2.0 SITE DESCRIPTION

Plant Scherer is located in northeast Monroe County, Georgia, and is operated by the Georgia Power Company (GPC). The Plant is situated approximately five miles south of Juliette, Georgia and is surrounded primarily by agricultural and residential land use. Figure 1, Site Location Map, depicts the location of Plant Scherer relative to the surrounding area.

The Plant Scherer Landfill consists of two cells (Cell 1 and PAC Ash Cell) and two future undeveloped cells (Cells 2 and 3). The two active cells have been utilized since 2011 for disposal of CCR. The total disposal area occupies approximately 325 acres along the northern portion of the property. Figure 2, Site Plan and Monitoring Well Location Map, depicts the general configuration of the landfill units and site monitoring wells.

Observed groundwater flow direction is generally to the southeast. Figure 3, Potentiometric Surface Contour Map – March 2018 shows the potentiometric surface elevation contours across the Cell 1 and PAC Ash Cells.

3.0 EVALUATION OF ANALYTICAL RESULTS & STATISTICAL ANALYSES

As presented in the *2018 1st Semi-Annual Groundwater Monitoring Report*, dated July 2, 2018, analytical results show that concentrations of target constituents are below the established prediction limits in groundwater samples collected during the March 2018 sampling event with exceptions noted in the report. Apparent statistical exceedances for calcium, chloride, copper, nickel, sulfate, and TDS are noted for selected monitoring wells at Cell 1, and statistical exceedances of calcium, chloride, sulfate and TDS are noted in samples from certain PAC Ash wells.

3.1 Statistical Analysis Method

The Sanitas™ Groundwater statistical software was used to perform the statistical analyses. Sanitas™ is a decision-support software package, that incorporates the statistical tests required of Subtitle C and D facilities by EPA regulations and guidance as recommended in the *Statistical Analysis of Groundwater Data at RCRA Facilities* (USEPA, 2009) document (Unified Guidance).

For the detection monitoring program, the statistical test used to evaluate the groundwater monitoring data has been updated and will include an intrawell prediction limit (PL) method combined with a resample plan except for well GWC-5, for which data are evaluated based on an interwell approach due to previous impacts. The interwell PLs pool background data from the network of upgradient wells to calculate a PL, while the intrawell PLs utilize historical data from within a given well to establish a statistical limit for comparison of compliance data at the same well. An 'initial exceedance' occurs when any downgradient well data exceed the PL.

3.2 Statistically Significant Increases

Statistical analyses were performed on data collected March 2018. Table 1, Intra-well Prediction Limit Statistically Significant Increase Summary, and Table 2, Inter-well Prediction Limit Summary provides the details of each of the SSIs noted in the 2018 1st Semi-Annual Groundwater Monitoring Report.

Table 1: Intra-Well Prediction Limit Summary

Well	Initial/Verified	Parameter	Concentration (mg/L)	Intra-well Prediction Limit
CELL 1				
GWC-4	Verified	Calcium ^[1]	15	14.96
	Initial	Chloride	13	10.96
	Initial	Total Dissolved Solids (TDS)	160	140.4
GWC-7	Verified	Calcium	15	14
GWC-9	Verified	Calcium ^[1]	19	18.99
	Initial	Copper	0.0038	0.0025
GWA-15	Initial	Sulfate ^[2]	1.2	1.0
GWA-16	Initial	Nickel ^[2]	0.04	0.0025
PAC ASH CELL				
GWA-21	Verified	Sulfate ^[2]	2.3	2.236
GWC-29	Initial	Calcium	11	10.47
GWA-46	Initial	Chloride ^{[1][2]}	3.6	3.557
GWC-52	Initial	Calcium	15	13
	Initial	Sulfate	20	16.13
GWC-53	initial	Chloride	10.14	11

Notes:

mg/L = milligrams per liter

[1] Each of these exceedances would not result if the limit were rounded to the same number of significant digits as the observed result and is the result of error in statistical evaluation (i.e., rounding error). Because the SSI was triggered in this manner, an ASD is not warranted and has not been presented in this report. Additionally, time series plots show that more recent data are essentially at the prediction limit.

[2] Each of these wells is upgradient of a lined landfill unit. Groundwater flow directions observed during the March 2018 event are consistent with historical data and confirms the upgradient position of these wells. Because of this, an SSI at these wells cannot be attributed to the Cell 1 and PAC Ash units but rather natural variability in groundwater chemistry or an alternate source. As a result, an ASD for the exceedances at upgradient wells is not warranted and has not been presented.

Table 2: Inter-Well Prediction Limit Summary

Well	Initial/Verified	Parameter	Concentration (mg/L)	Inter-well Prediction Limit ^[3]	Sen's Trend Test
CELL 1					
GWC-5	Verified	Boron	0.48	0.02	Increasing Trend
	Initial	Calcium	130	16.77	No Significant Trend
	Verified	Chloride	74	5.6	No Significant Trend
	Initial	Selenium	38	4.4	No Significant Trend
	Verified	Sulfate	400	1.15	No Significant Trend
	Initial	Total Dissolved Solids	1000	141.2	No Significant Trend

Notes:

mg/L = milligrams per liter

[1] Inter-well prediction limits were established for GWC-5. Refer to section 4.1 for discussion.

4.0 ALTERNATE SOURCE DEMONSTRATION

SSIs for boron, calcium, chloride and sulfate are noted for samples from select monitoring wells at Cell 1 and an SSI of sulfate is noted for samples from a single PAC Ash monitoring well. Additional initial apparent statistical exceedances were noted for copper, nickel and total dissolved solids, as presented in Tables 1 and 2.

Statistical exceedances at upgradient monitoring wells (GWA-21 and GWA-46) cannot be attributed to a release from the unit, and therefore an ASD is not warranted and has not been presented herein. Similarly, some exceedances were identified as a result of rounding significant digits during the statistical test. If the limit were rounded to the same number of significant digits as the observed result, the exceedance would not have been identified. The following discussion is provided regarding the apparent statistical exceedances in selected downgradient monitoring wells at Cell 1 and PAC Ash.

Groundwater monitoring for specific Appendix I and II parameters at Cell 1 and PAC has been ongoing following a state permit since 2010. SSIs for state monitoring parameters have previously been identified at GWC-5. As a result, an ASD for previous exceedances has been presented in an ASD for Landfill Cell 1 Groundwater Monitoring Network, dated December 2016, which was submitted to Georgia Environmental Protection Division (GA EPD) on behalf of Plant Scherer. A follow up ASD (Alternate Source Demonstration First Semi-Annual 2017 Plant Scherer Permit No. 102-009D, Cell 1 and PAC Ash Landfill, dated August 18, 2017) was also submitted to GA EPD. A summary of that ASD as it relates to the current SSIs of certain Appendix III monitoring parameters is presented in the paragraphs below.

4.1 GWC-5 (Boron, Calcium, Chloride, Selenium, Sulfate, TDS)

Initial prediction limit exceedances of calcium, selenium, and TDS as well as verified SSIs of boron, chloride and sulfate were noted at GWC-5 following the March 2018 sampling event. As noted on Table 2, an inter-well prediction limit has been established for GWC-5. Because groundwater quality at this well has been previously affected by a source other than the landfill, intra-well analyses is not valid. A more appropriate evaluation of the data is trend analyses (see Appendix B). Review of the trend analyses for GWC-5 indicates that considering

available data since the initial statistical exceedance was identified (April 2015), significant trends were not noted at GWC-5 except for boron.

Previous ASDs (December 2016 and August 2017) submitted for the site concludes that the SSIs noted at GWC-5 are not the result of a release from the disposal unit but rather operational issues associated with the return water pump house and/or the clear pool. Based on information provided by GPC, pipe collars were noted to have been leaking, and repairs to the pipe collars have been made. During September and October 2017, the water level in the clear pond was pumped down to perform a liner inspection. Several small punctures were observed near the gravity drain line. Based on information provided by GPC, appropriate repairs were made to the liner system.

Based on these facts, we conclude that the statistical exceedances of boron, calcium, chloride, selenium, sulfate and TDS at GWC-5 are not the result of a release from the unit but rather operational issues that have since been repaired. GPC will monitor the occurrence of these parameters following the next scheduled sampling events. We anticipate a decreasing trend in groundwater chemistry results will develop with future monitoring. Based on horizontal groundwater flow velocity in the area (approximately 60 feet per year), it could take multiple sampling events before a downward trend is observed.

4.2 Calcium (GWC-4, GWC-7, GWC-9, GWC-29, and GWC-52)

SSIs of calcium were verified at monitoring wells GWC-4, GWC-7 and GWC-9 as well as identified as initial prediction limit exceedances at wells GWC-29 and GWC-52. These apparent SSIs are the result of exceedances of the calculated intra-well prediction limits. Calcium is a recent addition to the detection monitoring program following the promulgation of the CCR Rule. As required by the Federal CCR Rule, eight baseline samples were collected prior to the October 2017 deadline which were used to calculate the upper prediction limits (UPLs). According to the Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance (USEPA 2009), eight samples is the minimum number of samples recommended to complete statistical tests and future data will be used to enlarge the dataset for UPL calculations.

Review of time series plots (see Appendix A) show that the reported concentrations of calcium at these wells are within the range of concentrations observed across the site both upgradient and downgradient of the lined units. Based on these data, the apparent SSIs of calcium and pH are the result of natural variability in groundwater chemistry and not the result of a release from the landfill units at Plant Scherer. GPC will continue to monitor the occurrence of calcium at these wells following the next scheduled sampling event.

4.3 Chloride and TDS (GWC-4)

Initial prediction limit exceedances of chloride and TDS were identified at monitoring well GWC-4. Observed concentrations of chloride at GWC-4 (13 mg/L) is within the range of concentrations observed at upgradient monitoring wells (15-20 mg/L). The reported concentration of TDS at GWC-4 (160 mg/L) is above the prediction limit (140 mg/L) and only slightly above reported concentrations observed at upgradient monitoring wells. Based on these facts, initial apparent statistical exceedances of chloride and TDS are the result of natural variability in groundwater chemistry. GPC will continue to monitor the occurrence of chloride and TDS at GWC-4 during future sampling events.

4.4 Copper (GWC-9), Nickel (GWA-16) and Sulfate (GWA-15, GWC-52)

Initial, unverified prediction limit exceedances of copper (GWC-9), nickel (GWA-16) and sulfate (GWA-15, and GWC-52) were identified following the March 2018 sampling event. Copper and nickel exceedances represent a single parameter, single well exceedance. If a release from the facility were to occur, multiple statistical exceedances and data trends would be observed in monitoring data. Monitoring wells GWA-15 and GWA-16 are located upgradient of a lined landfill. Review of the time series plots for each of these wells and parameters does not reveal any significant trends in the data. The reported concentration of nickel at upgradient GWA-16 appears to be an outlier. Based on these facts, the apparent prediction limit exceedances are the result of natural variability in groundwater chemistry or variability in laboratory protocol. Plant Scherer will continue to monitor these parameters and evaluate the data following the next scheduled sampling event.

5.0 CONCLUSIONS

This ASD has been prepared in response to apparent SSIs presented in the 2nd Semi-Annual Groundwater Monitoring Report, Georgia Power Plant Scherer, dated March 5, 2018. In accordance with §391-3-4-.14.23.c of the GA Solid Waste Management Rules, this ASD along with previously presented ASDs addresses each of the SSIs noted following the 2018 1st Semi-Annual Monitoring Report.

Review of analytical results and statistical analyses developed for the site indicates that each of the statistical exceedances identified following the 1st Semi-Annual 2018 event are not the result of a release from either of the landfill units, but rather the exceedances can be attributed to natural variability in groundwater chemistry, variability in laboratory protocol, or a source other than the lined landfill. The monitoring well network continues to effectively monitor the water bearing unit beneath the Cell 1 and PAC Ash units. Based on the findings presented herein, GPC will continue with detection groundwater monitoring at Cell 1 and PAC Ash Cell.

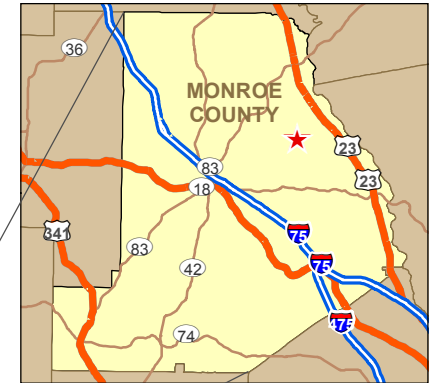
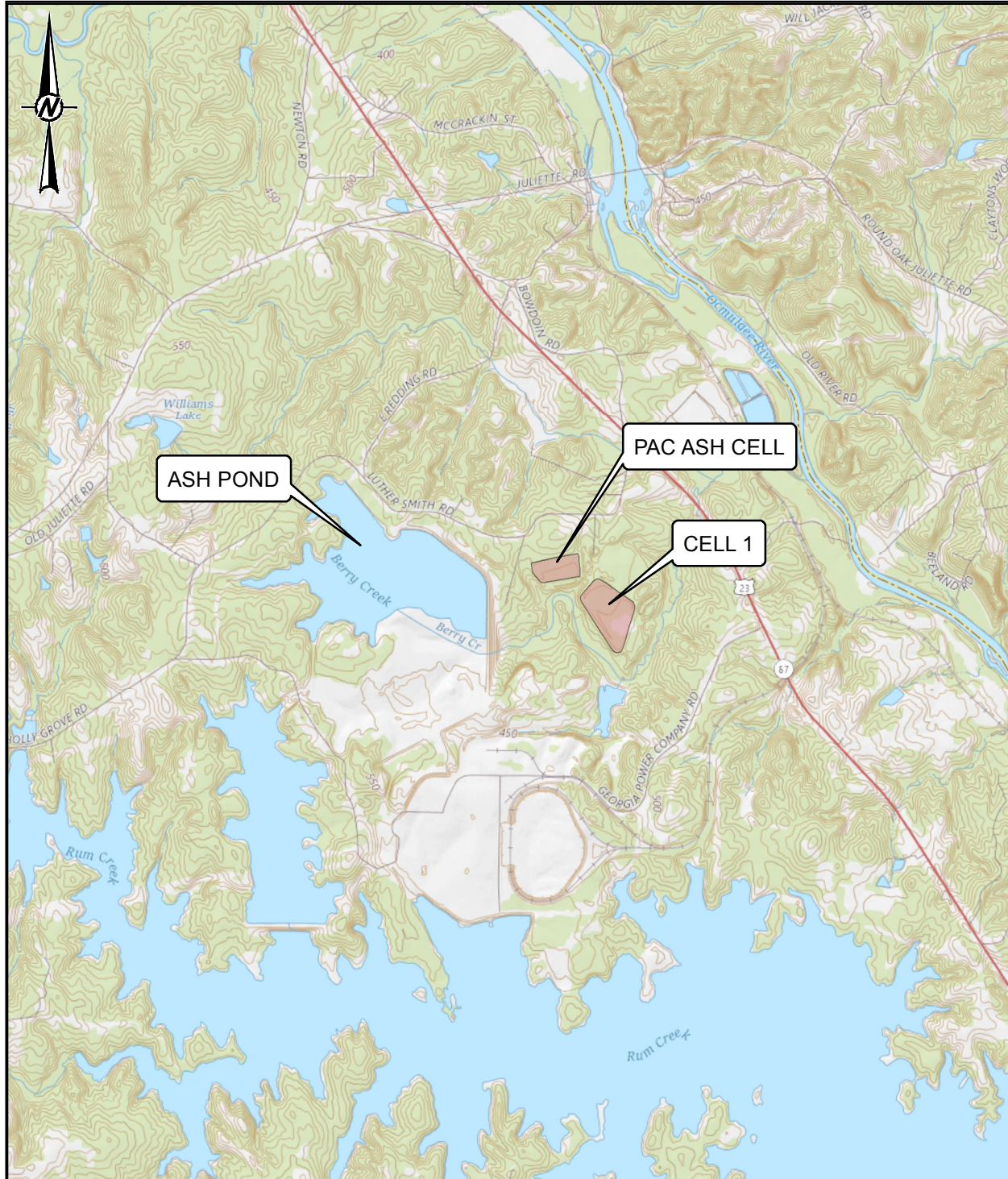
FIGURES

Figure 1: Site Location Map

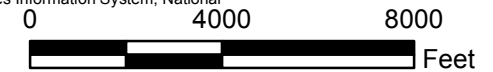
Figure 2: Site Plan and Well Location Map

Figure 3: Piezometric Surface Contour Map - Cell 1 (*March 2018*)

Figure 4: Piezometric Surface Contour Map - PAC Ash Cell (*March 2018*)



Service Layer Credits: USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National



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PLANT SCHERER



PROJECT
2018 1ST SEMI-ANNUAL GROUNDWATER MONITORING
PLANT SCHERER

TITLE
SITE LOCATION MAP

CONSULTANT



GOLDER

YYYY-MM-DD 2018-01-31

PREPARED DJC

DESIGN DLP

REVIEW *dlp*

APPROVED *rpk*

PROJECT No.
1662350

CONTROL
1662350\000-GIS.mxd

Rev.
0

FIGURE
1



- LEGEND**
- PROPERTY BOUNDARY
 - CELL 1 LANDFILL MONITORING WELL
 - PAC ASH LANDFILL MONITORING WELL
 - SURFACE WATER SAMPLE LOCATION

NOTES

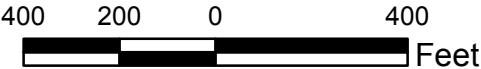
1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.

REFERENCE

1. SERVICE LAYER CREDITS: ESRI, HERE, DELORME, MAPMYINDIA, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGN, AND THE GIS USER COMMUNITY

2. COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).

3. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY SOUTHERN COMPANY SERVICES.



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PLANT SCHERER



PROJECT
2018 1ST SEMI-ANNUAL GROUNDWATER MONITORING
PLANT SCHERER

TITLE
SITE PLAN AND MONITORING WELL LOCATION MAP

CONSULTANT	YYYY-MM-DD	2016-12-08
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	DLP
	APPROVED	RPK



PROJECT No.	CONTROL	Rev.	FIGURE
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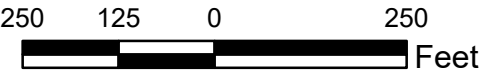
Service Layer Credits: Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



- LEGEND**
- EXISTING TOPOGRAPHY
 - GW CON-MAR 19 2018-CELL1
 - PAC ASH LANDFILL MONITORING WELL WITH ELEVATION
 - CELL 1 LANDFILL MONITORING WELL WITH ELEVATION

- NOTES**
- ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
 - GROUNDWATER ELEVATION MEASUREMENTS OBTAINED MARCH 19, 2018 BY GOLDER ASSOCIATES.
 - GROUNDWATER ELEVATIONS DISPLAYED IN FEET ABOVE MEAN SEA LEVEL (FAMSL).
 - GROUNDWATER CONTOURS BASED ON LINEAR INTERPOLATION BETWEEN AND EXTRAPOLATION FROM KNOWN DATA, TOPOGRAPHIC CONTOURS, AND KNOWN FIELD CONDITIONS, THEREFORE, GROUNDWATER CONTOURS MAY NOT REFLECT ACTUAL CONTOURS.
 - GROUNDWATER CONTOUR INTERVAL IS 2 FT.

- REFERENCE**
- SERVICE LAYER CREDITS: ESRI, HERE, GARMIN, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGN, AND THE GIS USER COMMUNITY
 - COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).
 - MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY SOUTHERN COMPANY SERVICES.
 - EXISTING TOPOGRAPHY FROM THE NATIONAL ELEVATION DATASET (NED).



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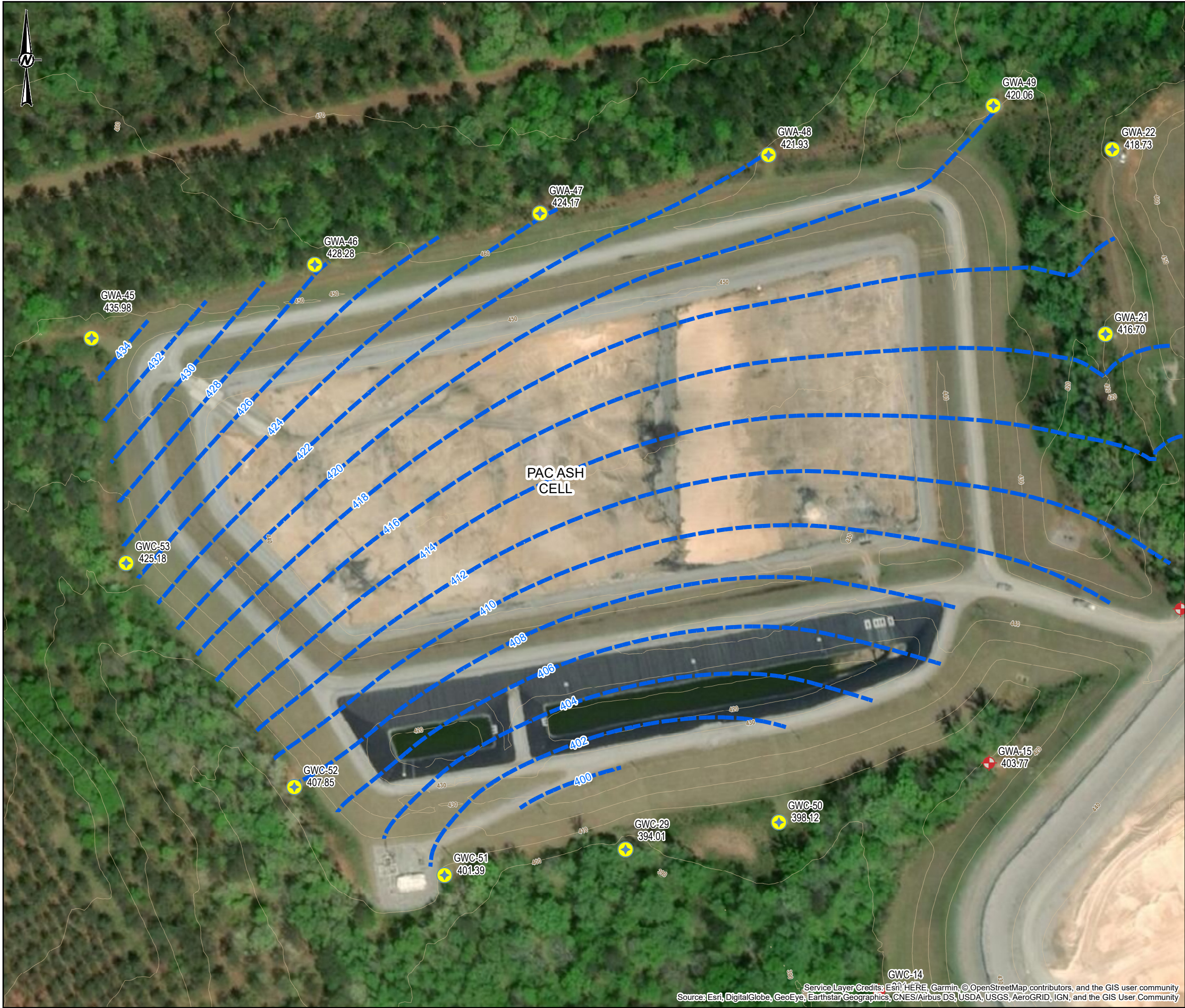


PROJECT
1ST SEMI-ANNUAL 2018 GROUNDWATER MONITORING REPORT
PLANT SCHERER

TITLE
CELL 1 POTENTIOMETRIC SURFACE MAP
MARCH 19, 2018

CONSULTANT	YYYY-MM-DD	2018-06-29
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	dlp
	APPROVED	rpk

PROJECT No. 1662350 CONTROL 1662350J002-GIS.mxd Rev. 0 FIGURE 2



Path: H:\Bk-Projects\1662350-Southern Company Services\figures\GWI CONTOUR MAPS MAR 19 2018\1662350J003-GIS.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM: ANSI B 111

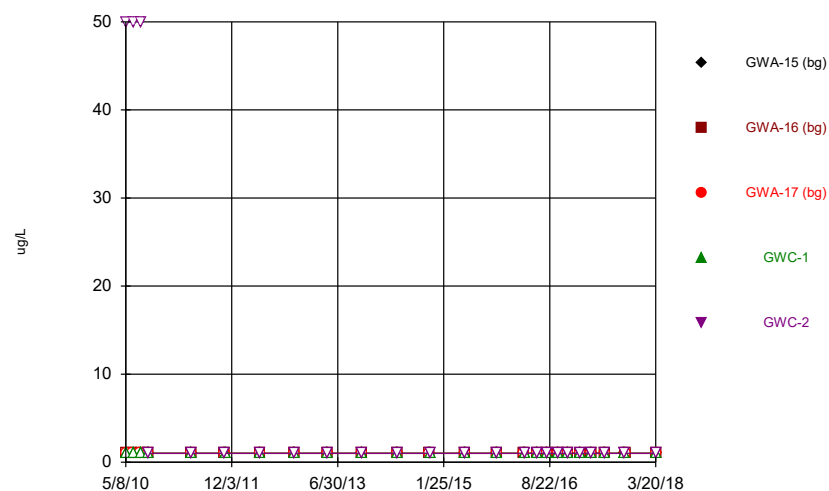
APPENDIX A

TIME SERIES PLOTS

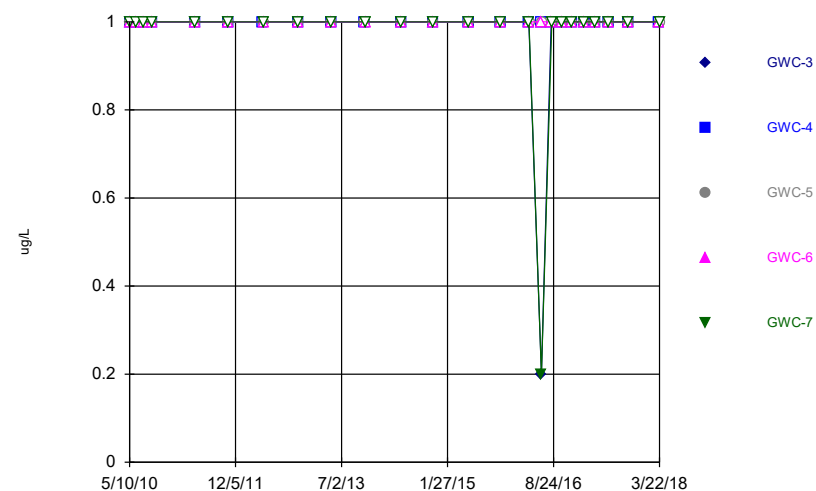
TIME SERIES PLOTS

CELL 1

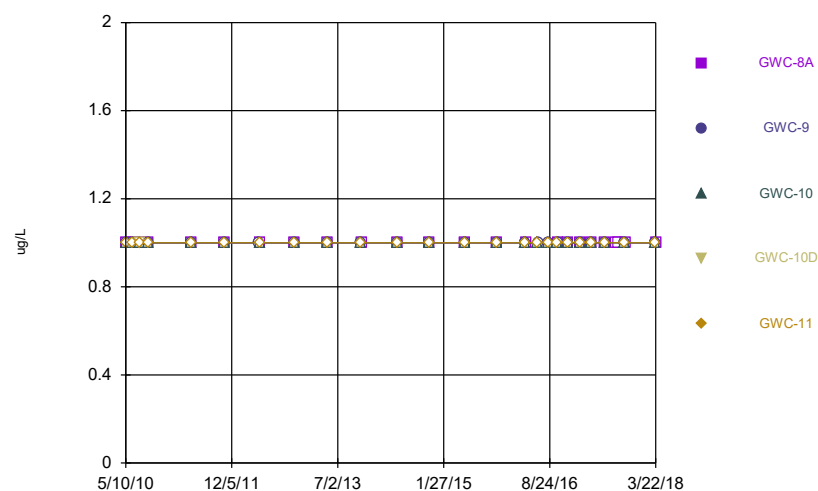
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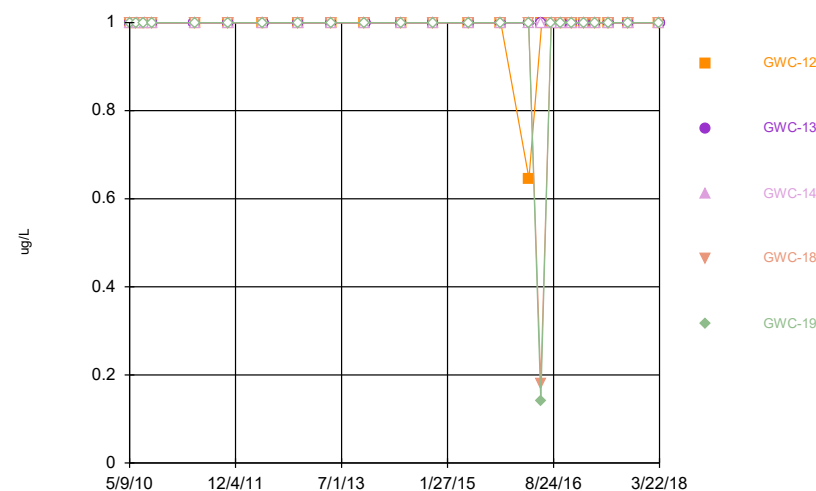
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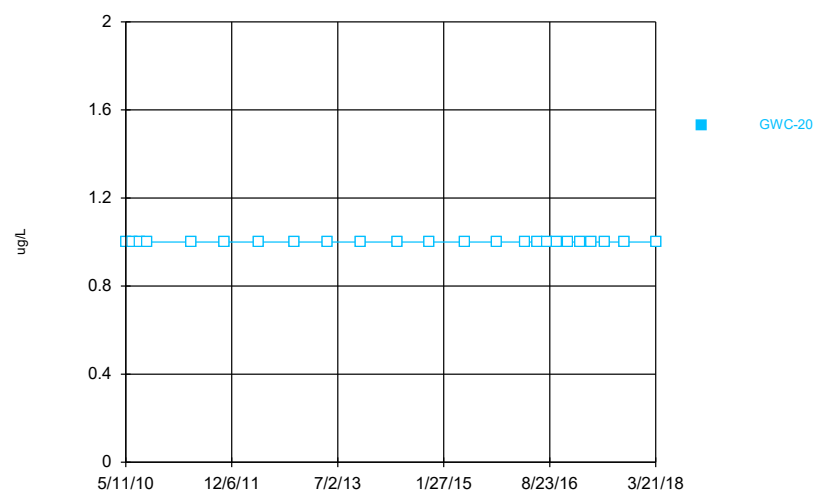
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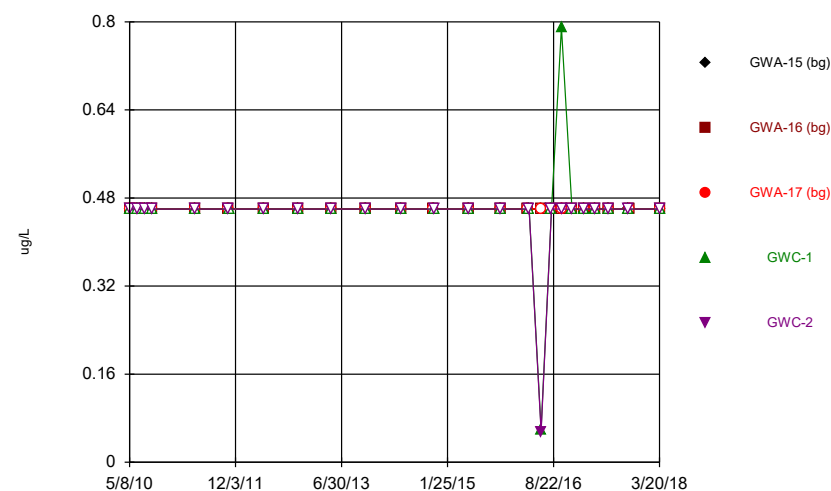
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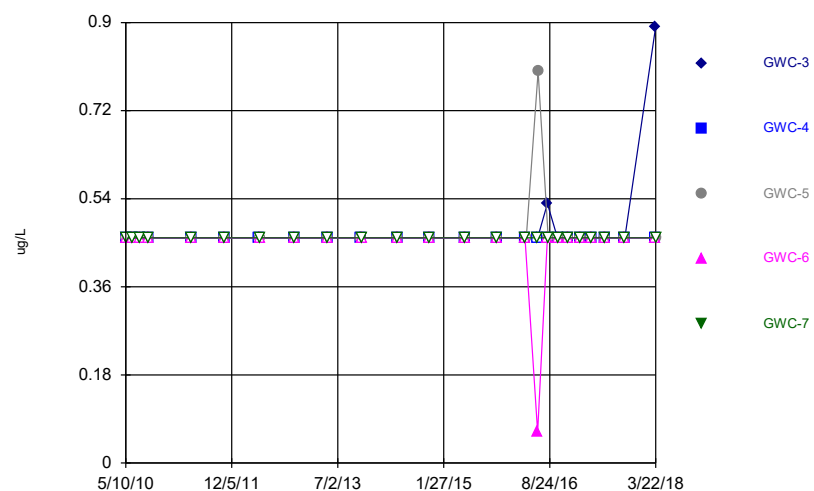
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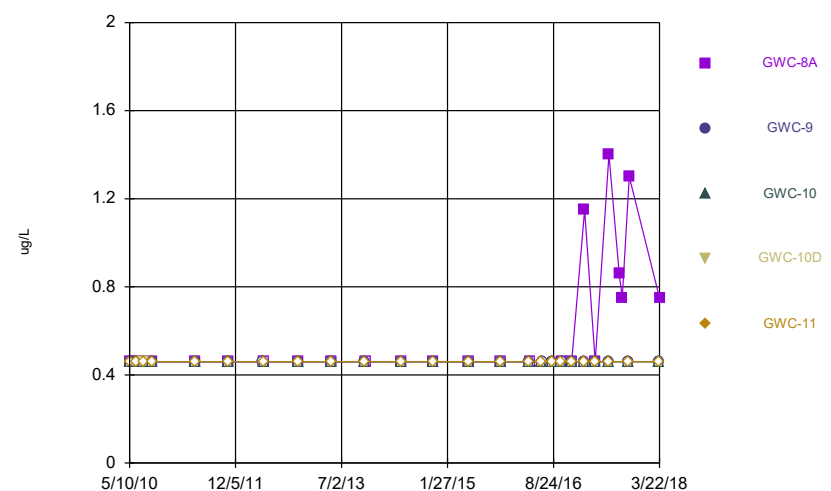
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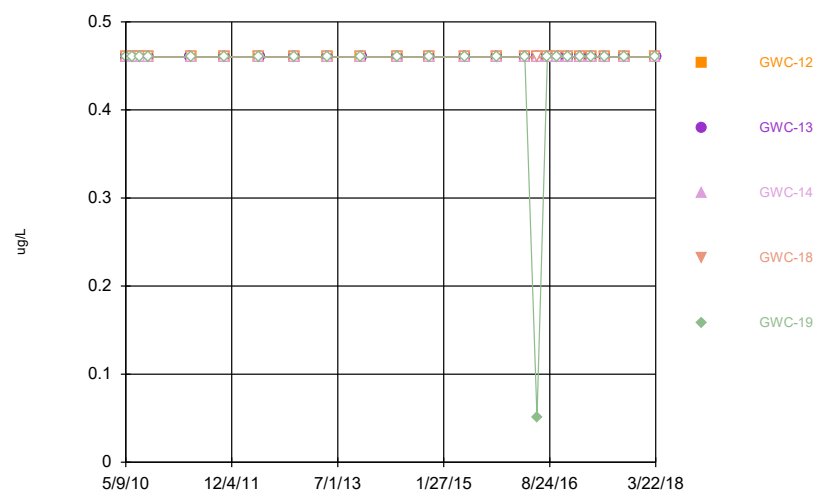
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Time Series

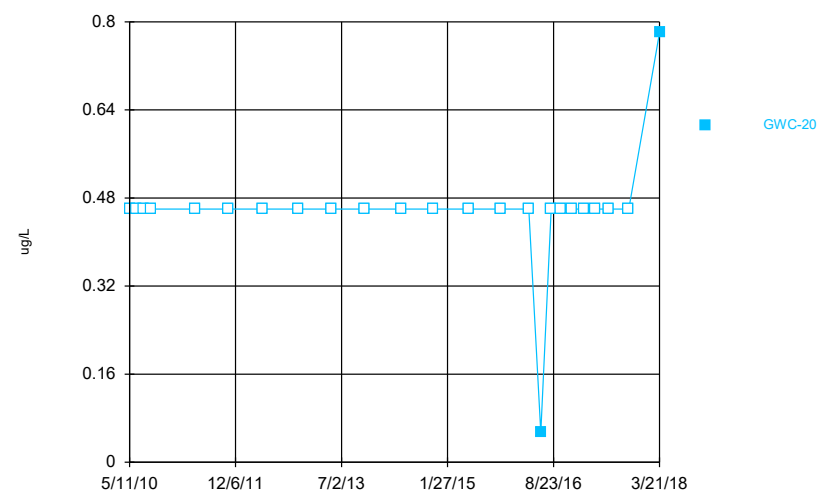


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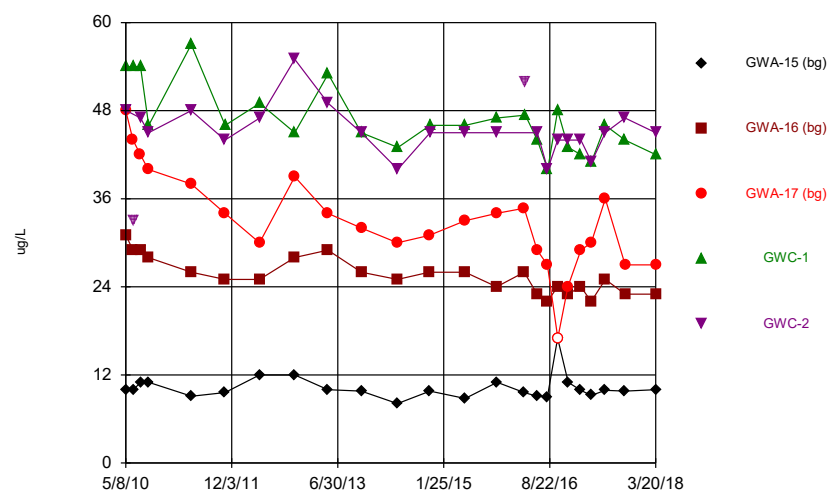
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



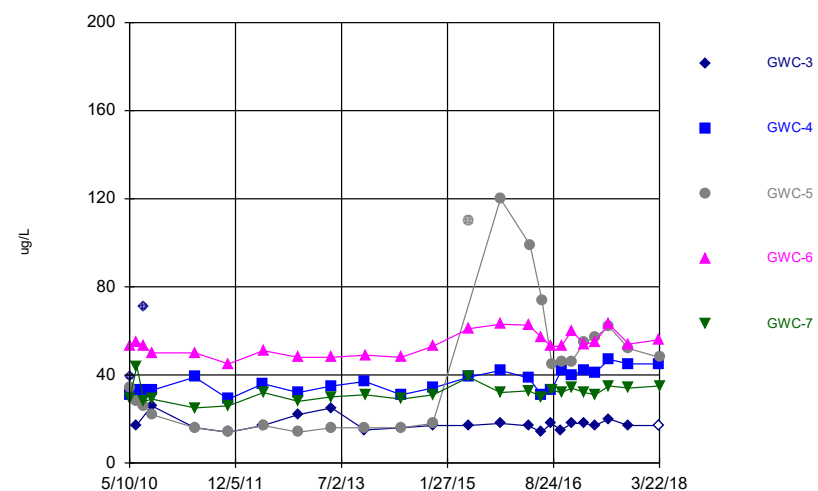
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Time Series



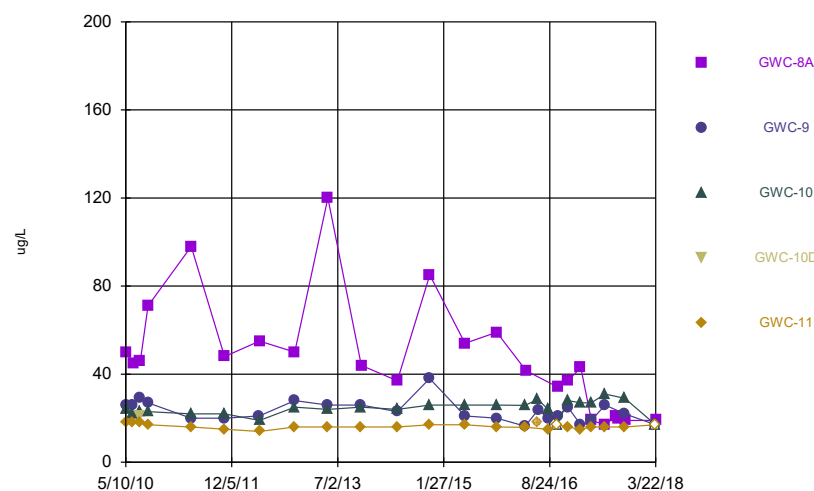
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Time Series



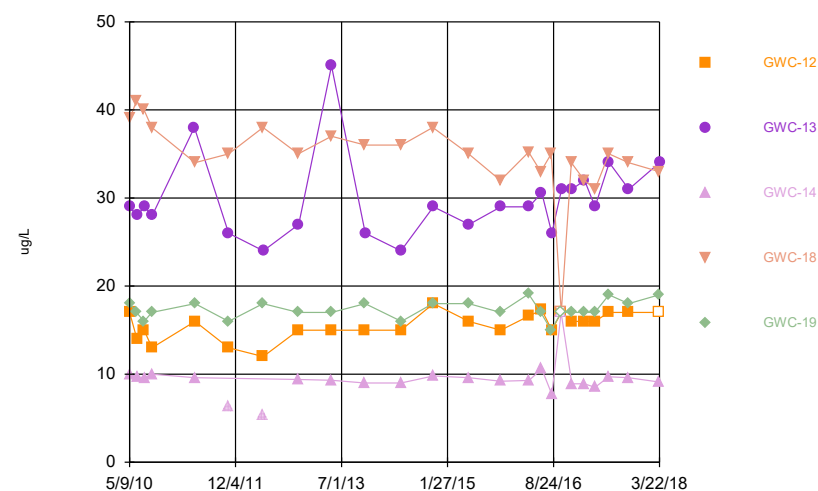
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Time Series



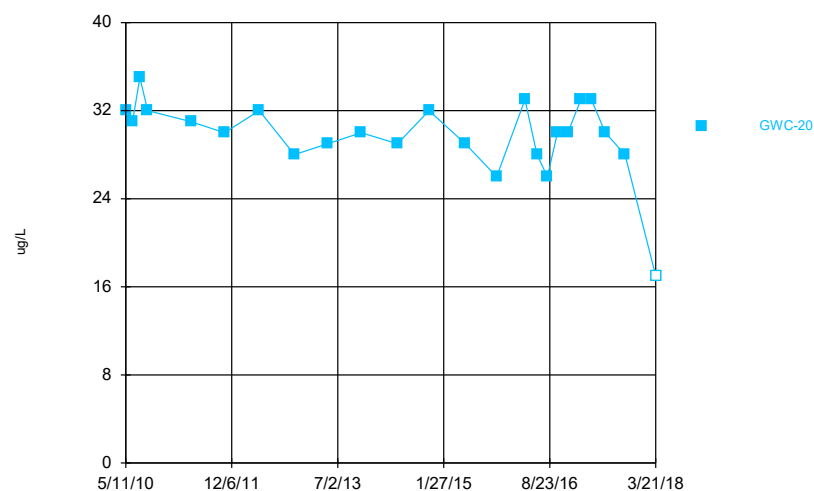
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Time Series



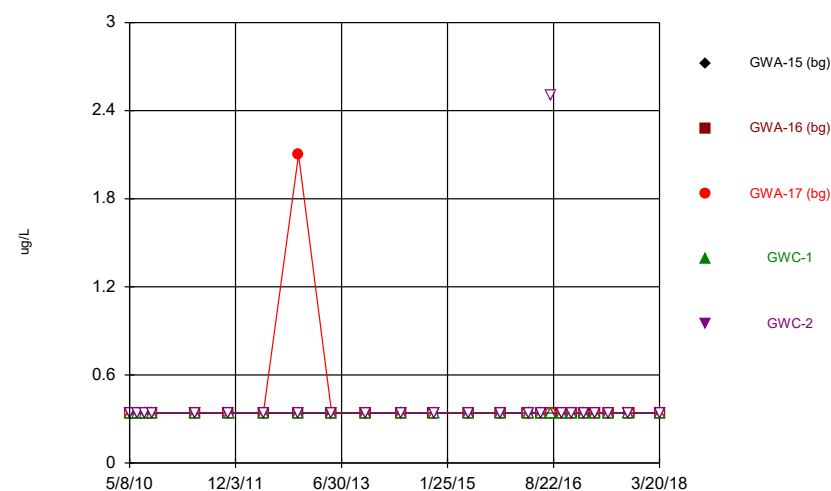
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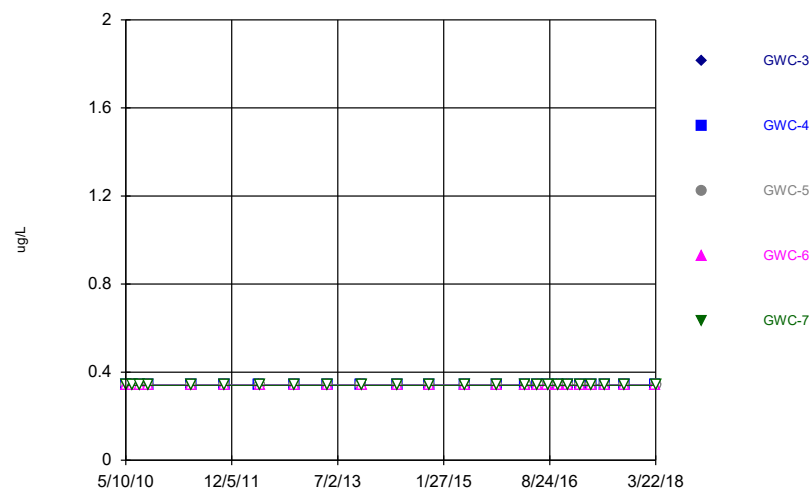
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Time Series

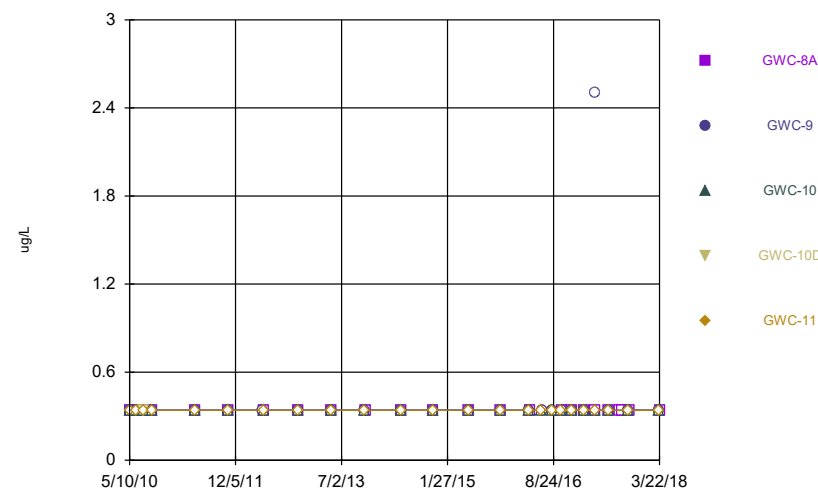


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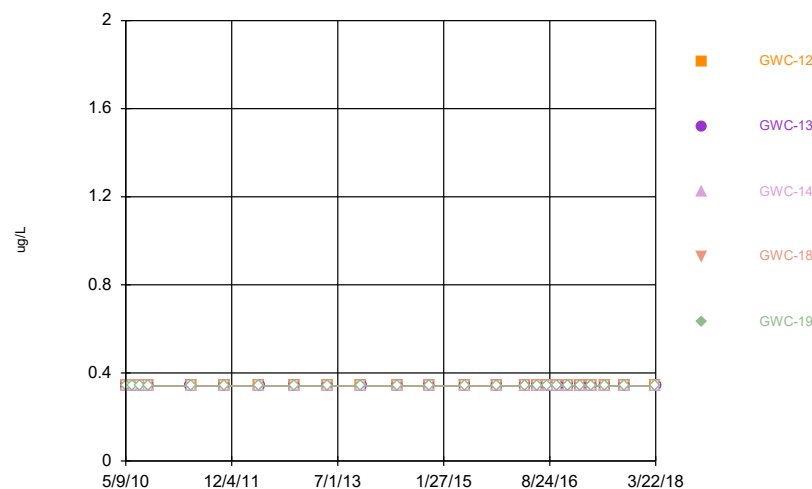
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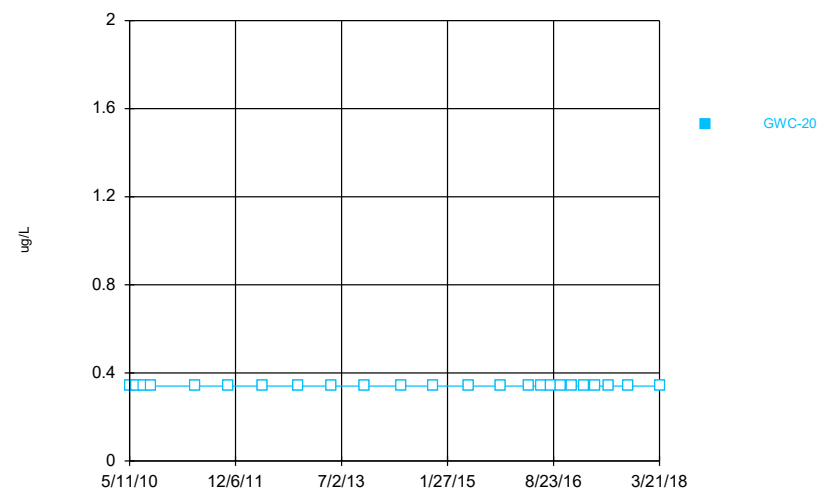
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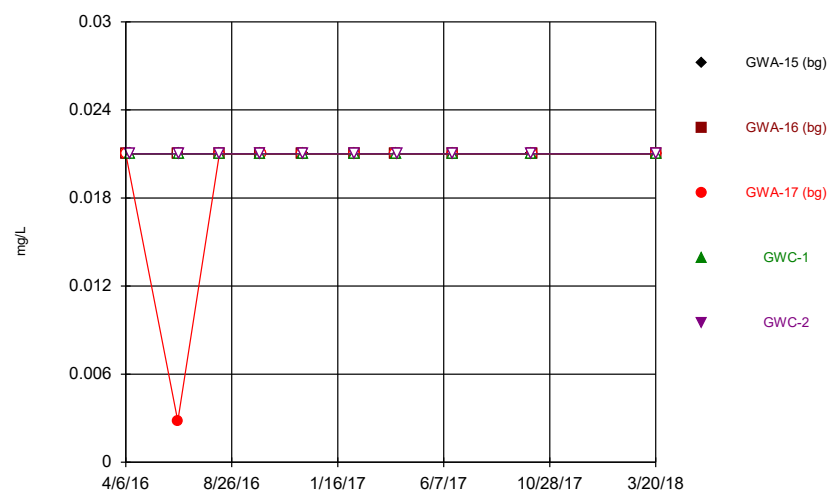
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Time Series

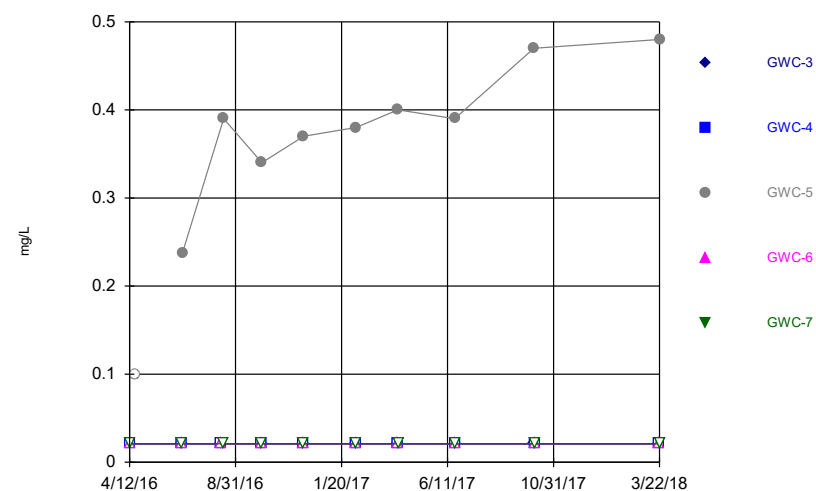


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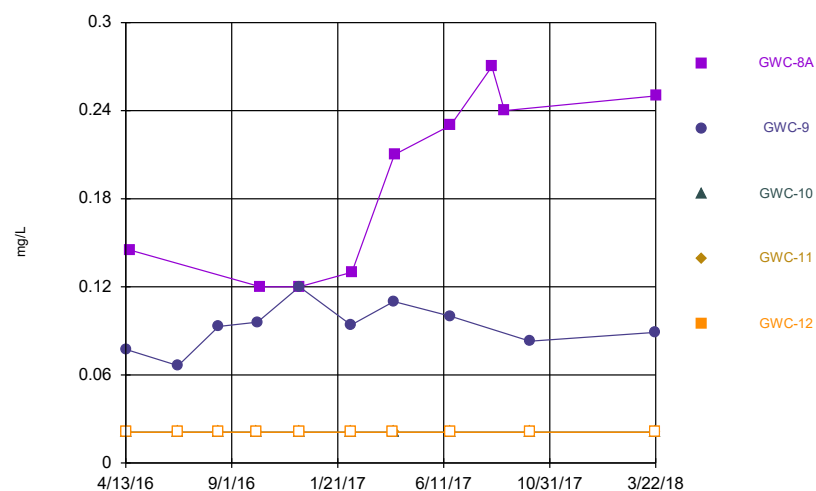
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Time Series



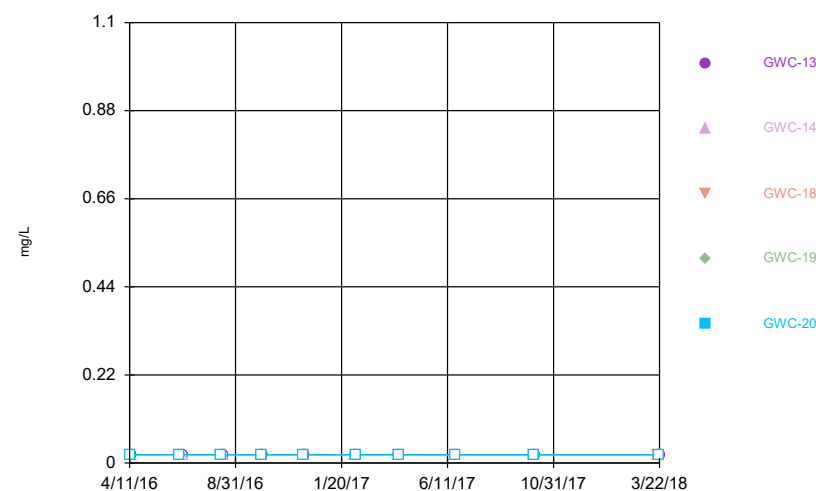
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Time Series



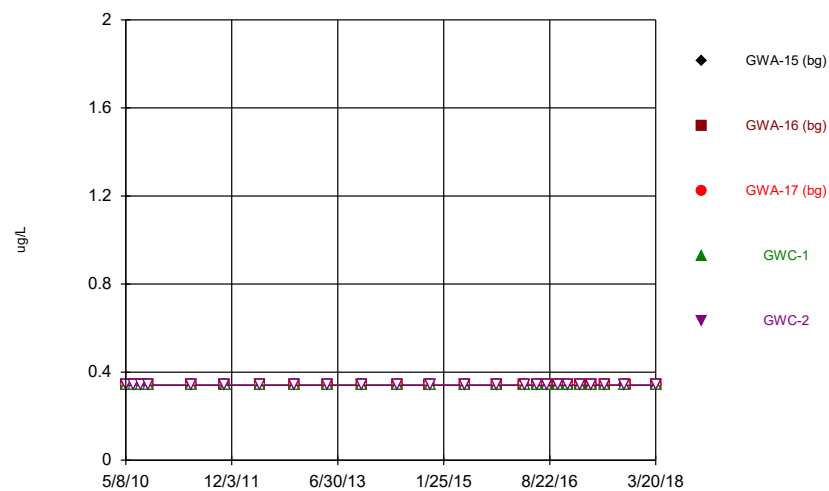
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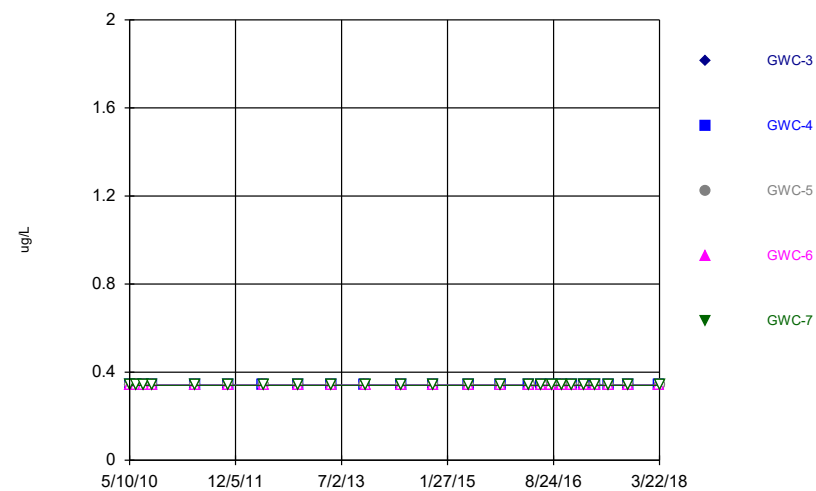
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Time Series



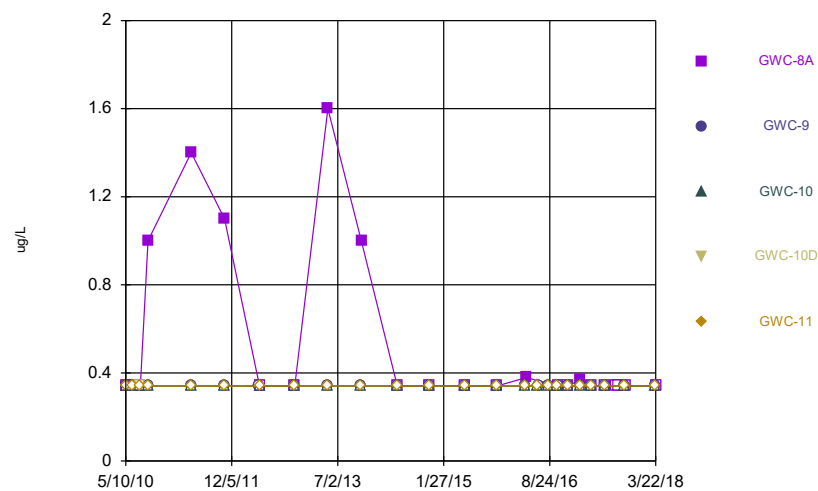
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Time Series



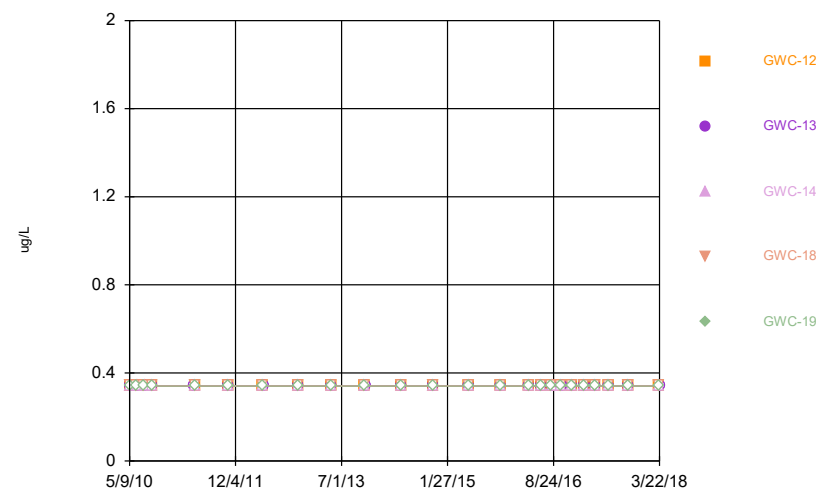
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Time Series



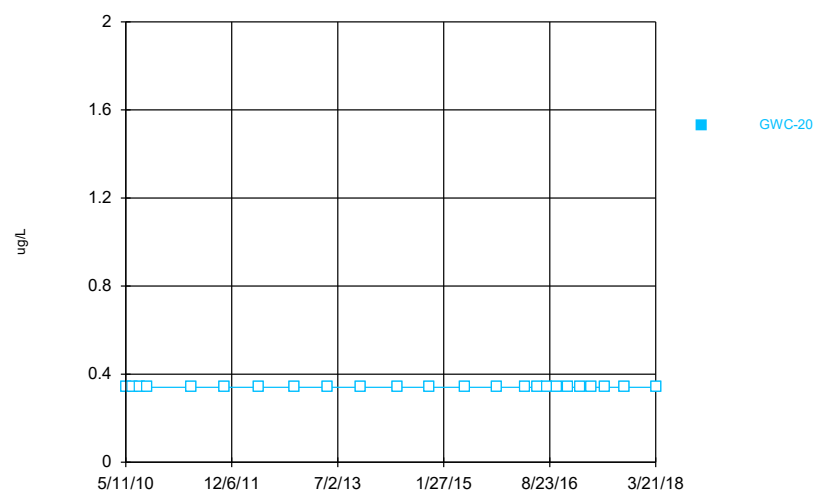
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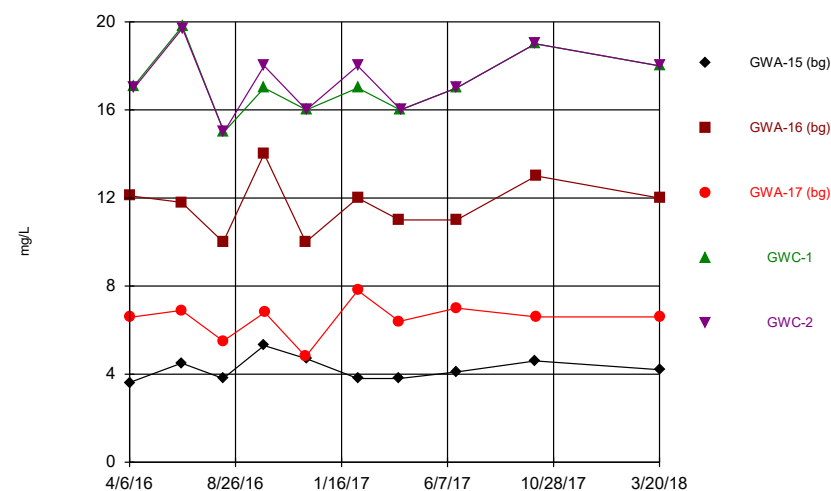


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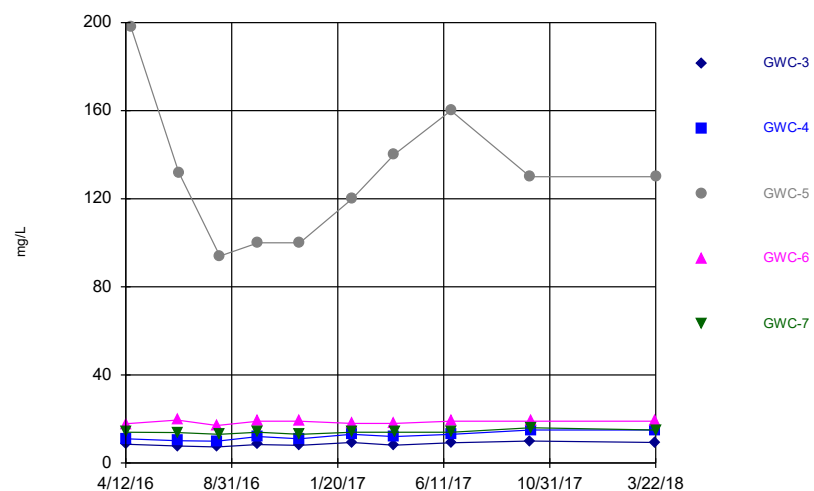
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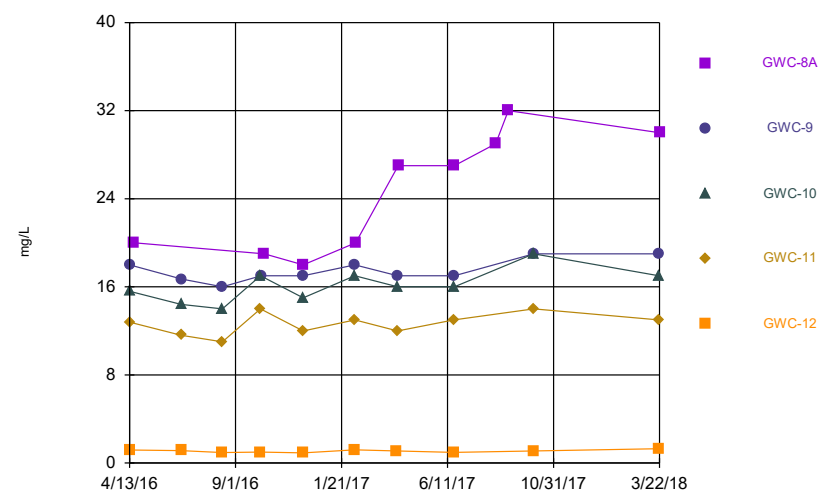
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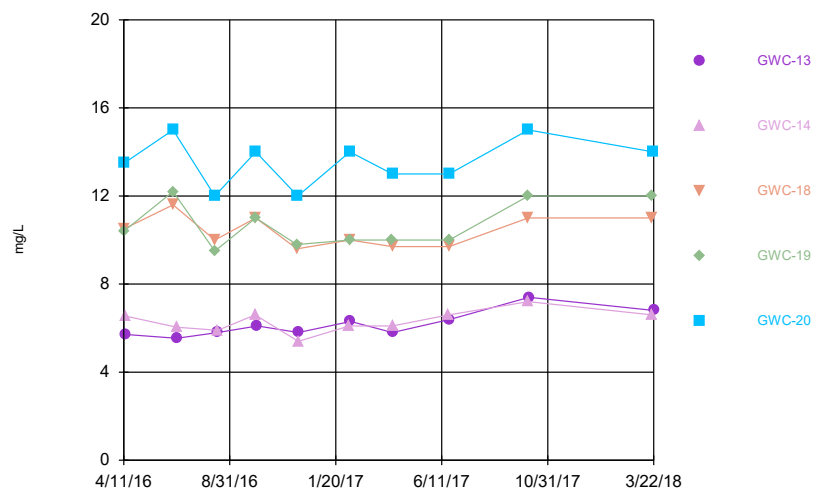
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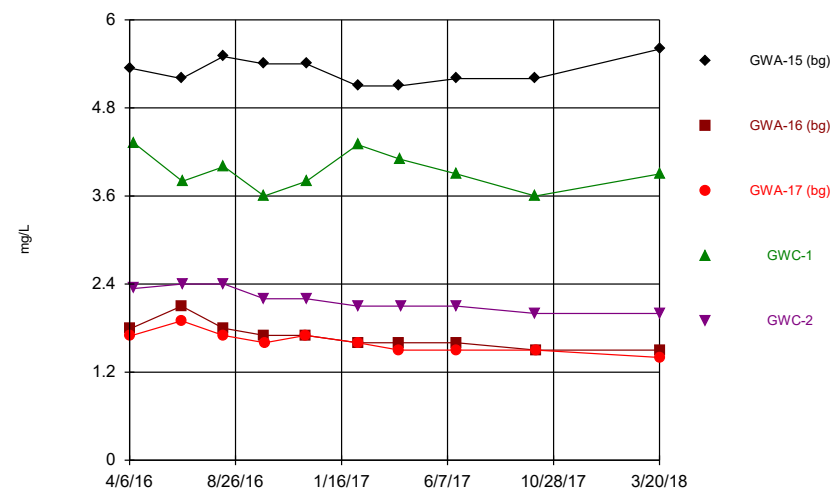


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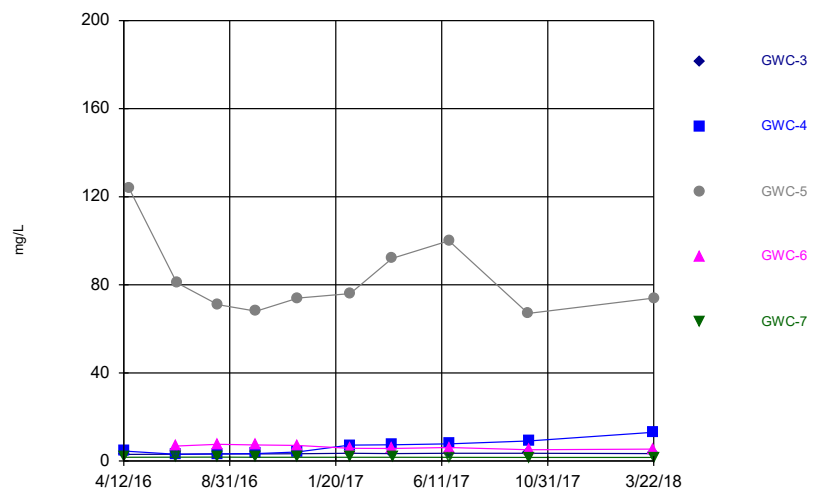
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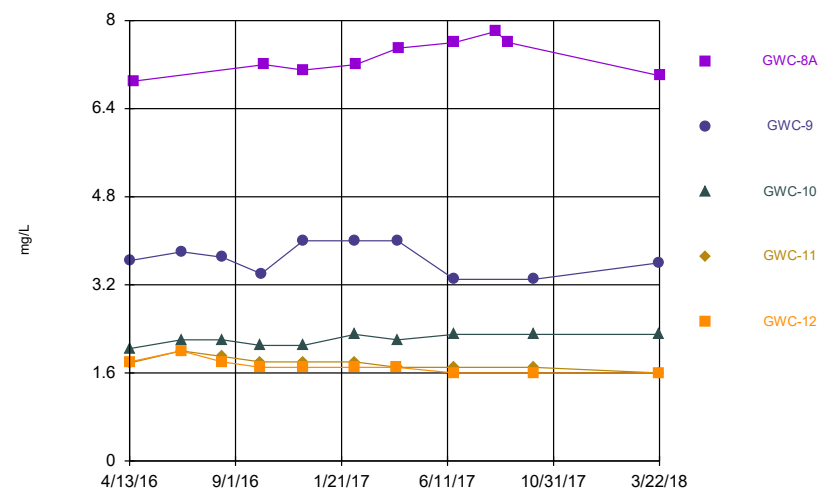
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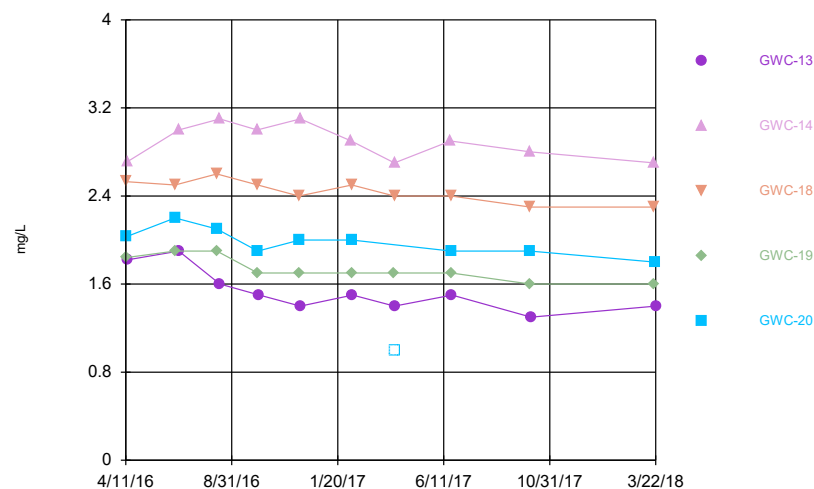
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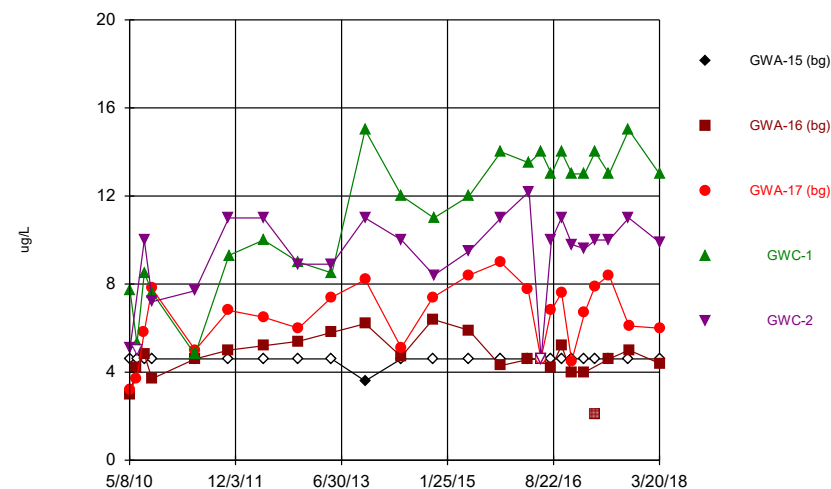


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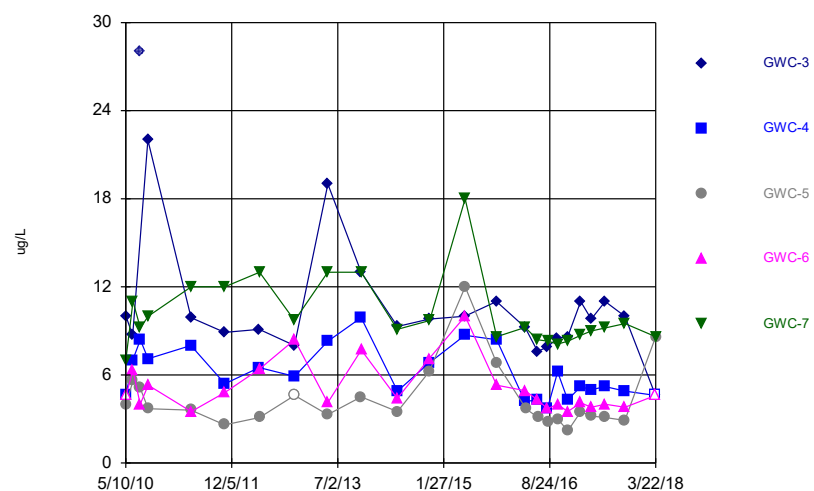
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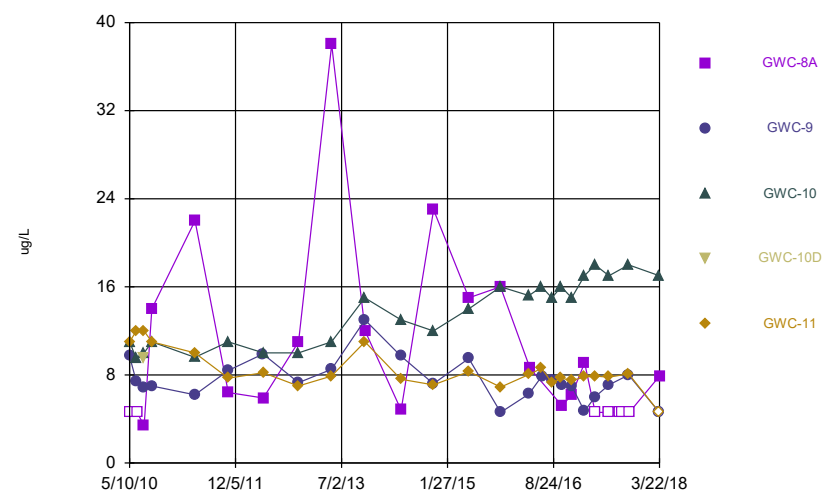
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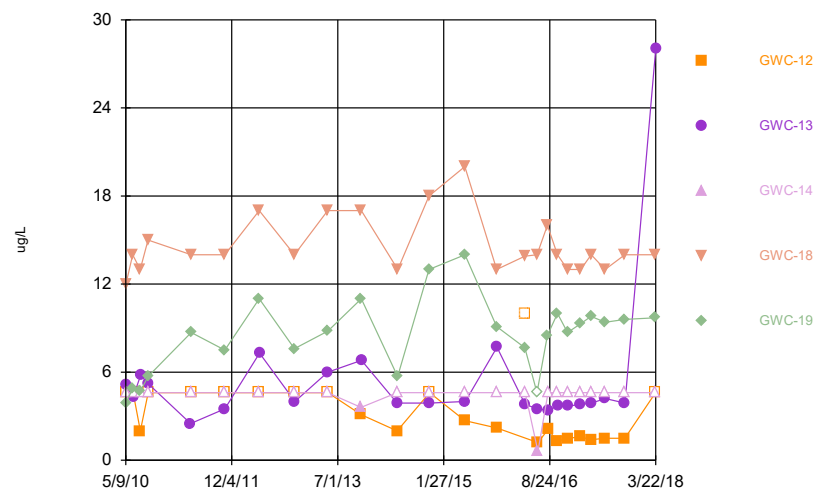
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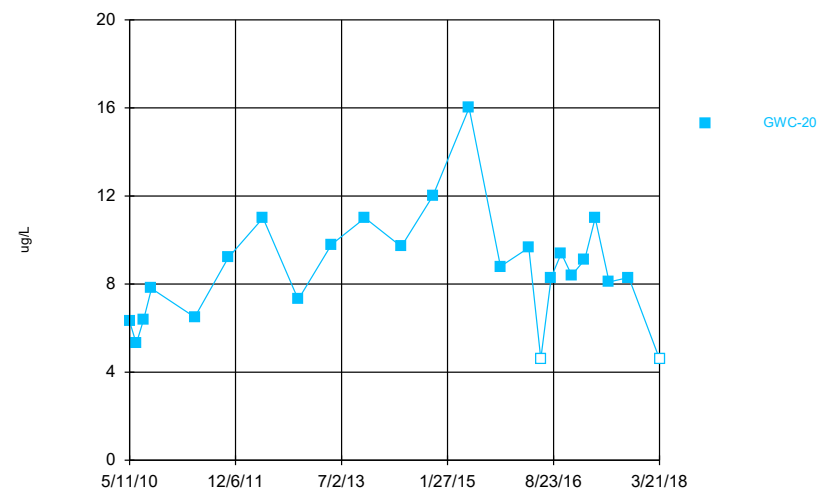


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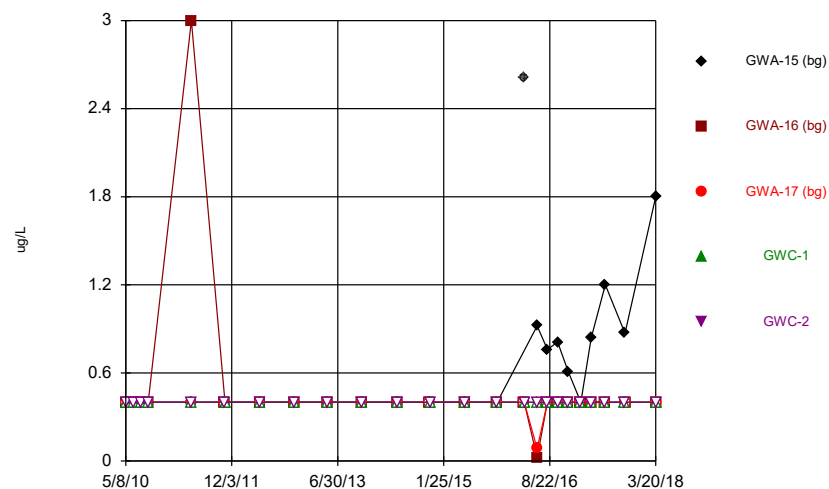
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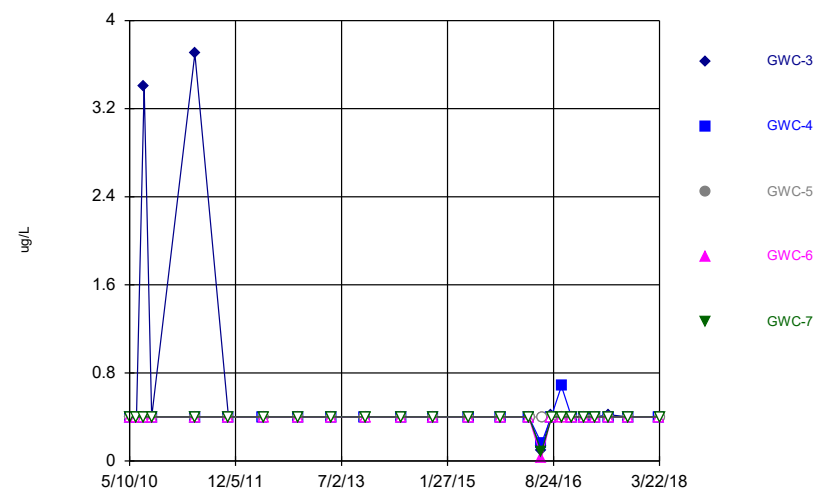
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Time Series



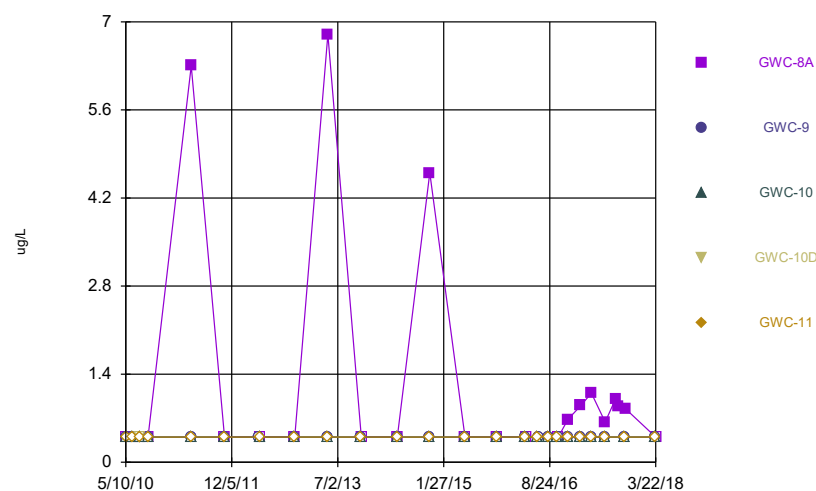
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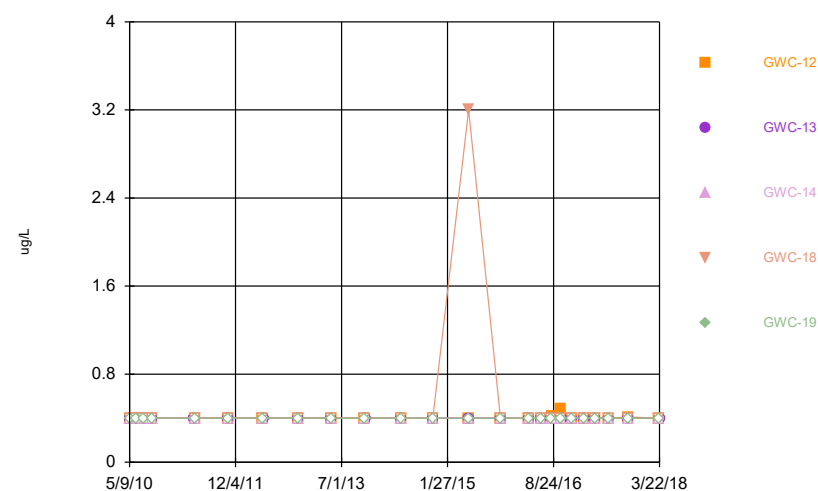
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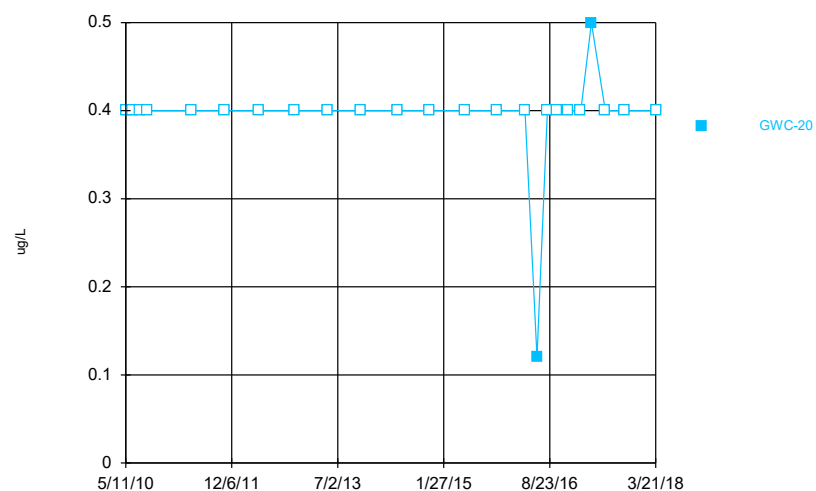
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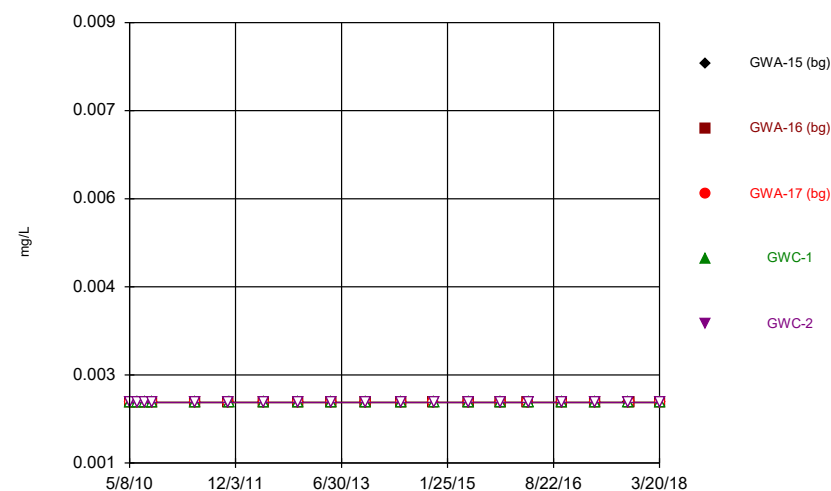
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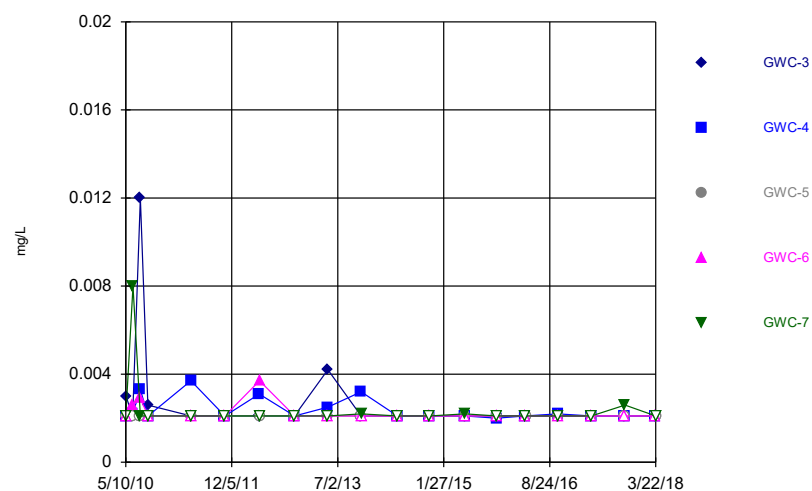
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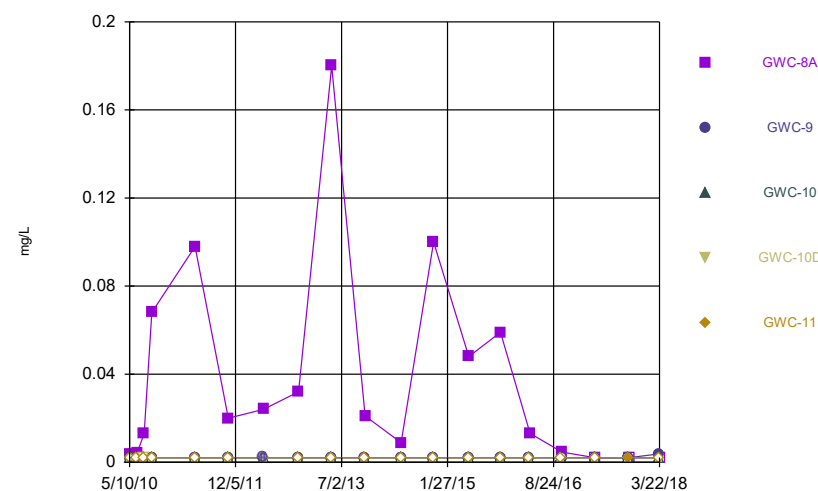
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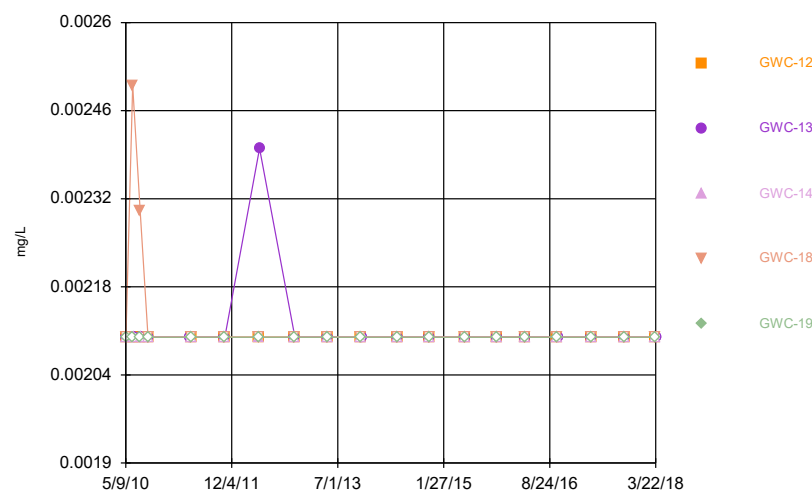
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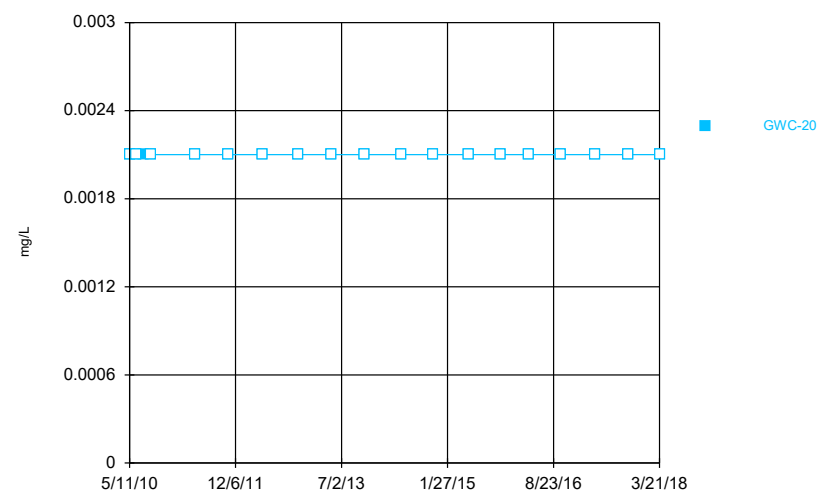
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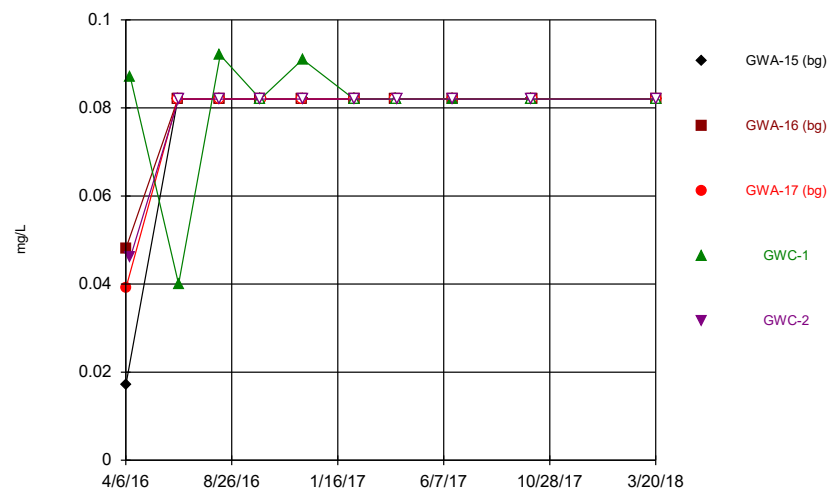
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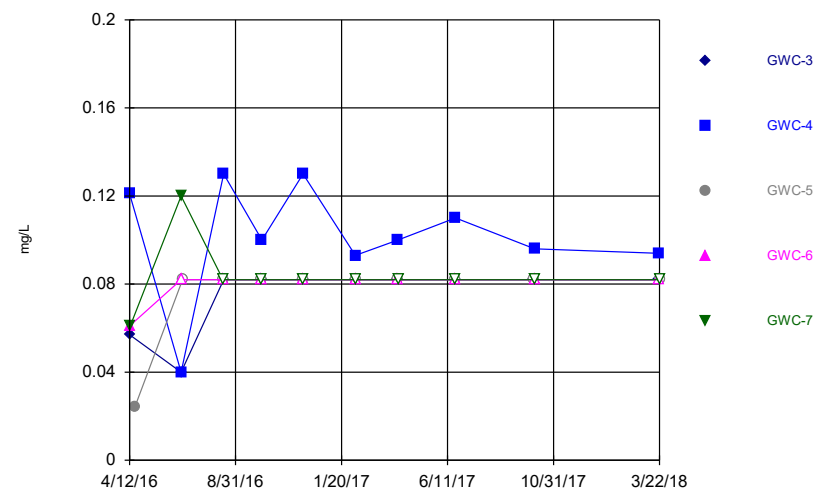
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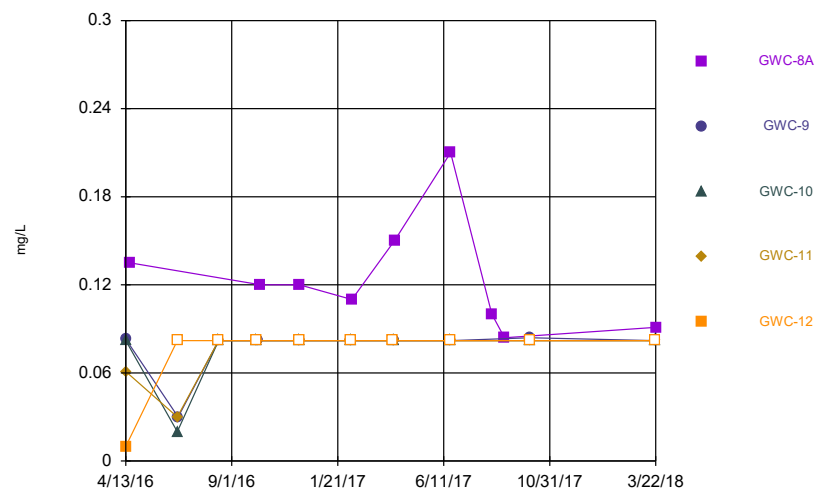
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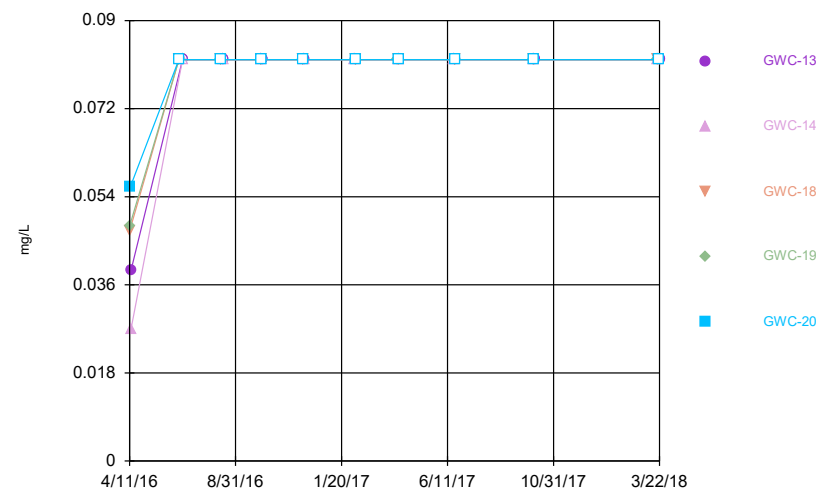
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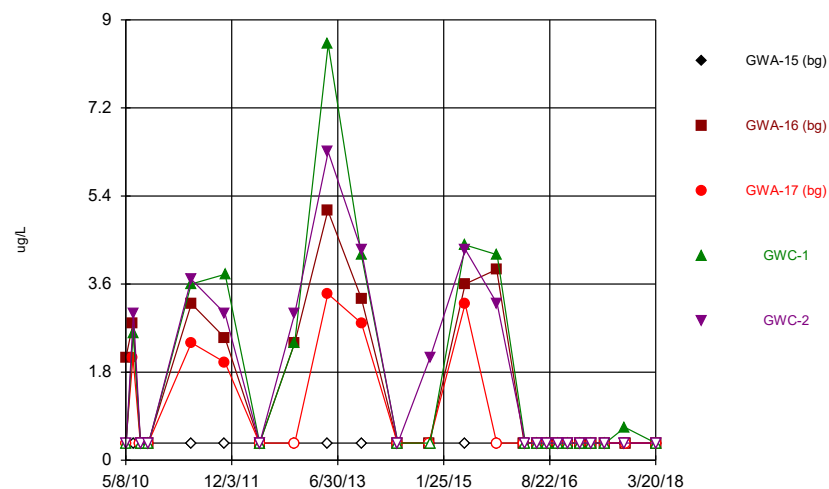
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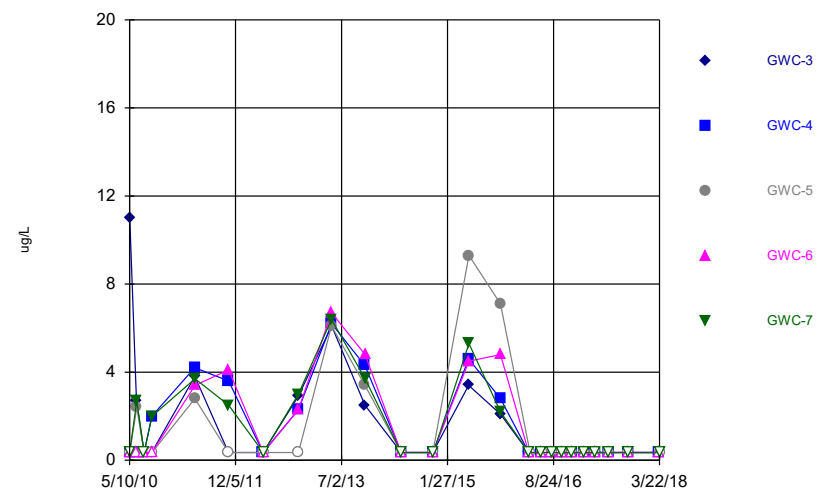
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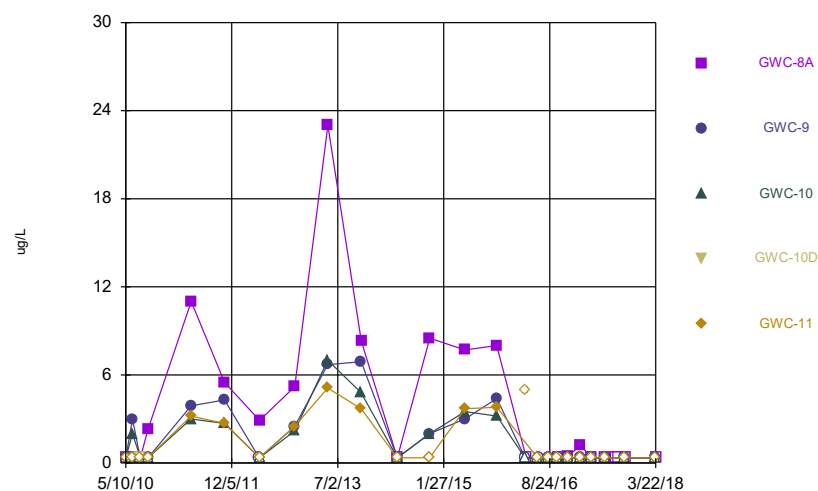
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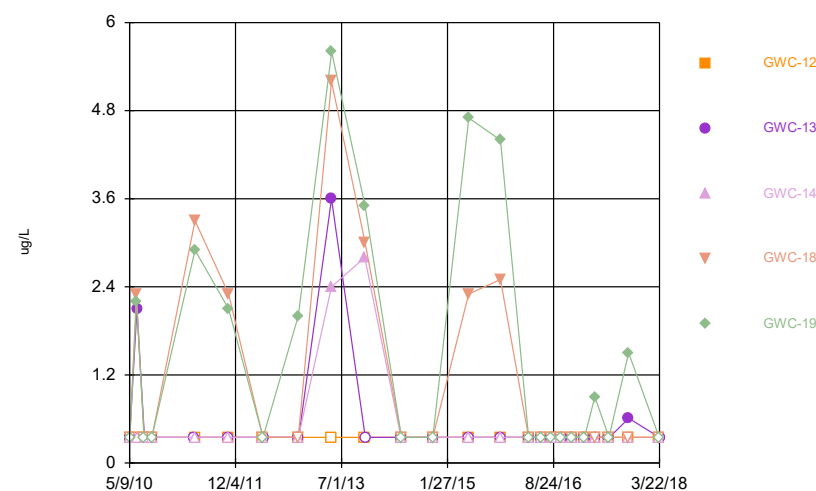
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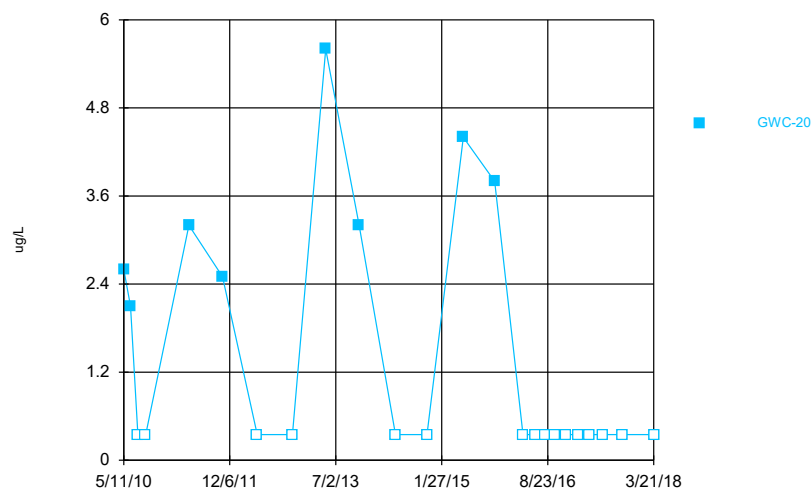
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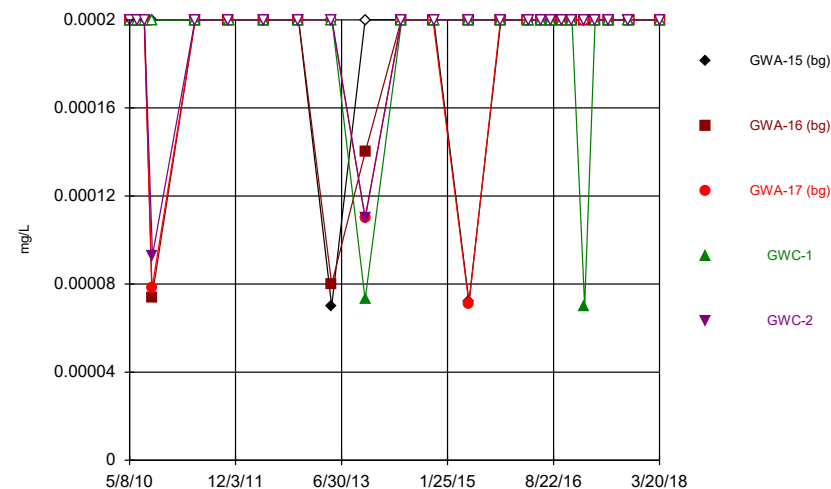


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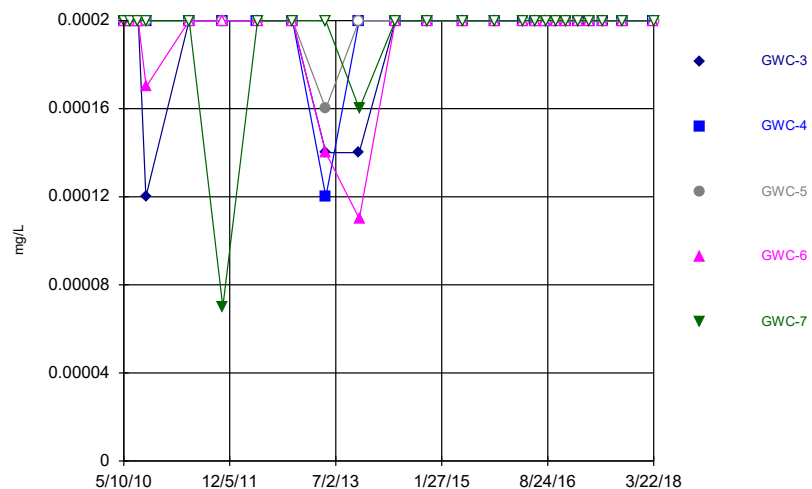
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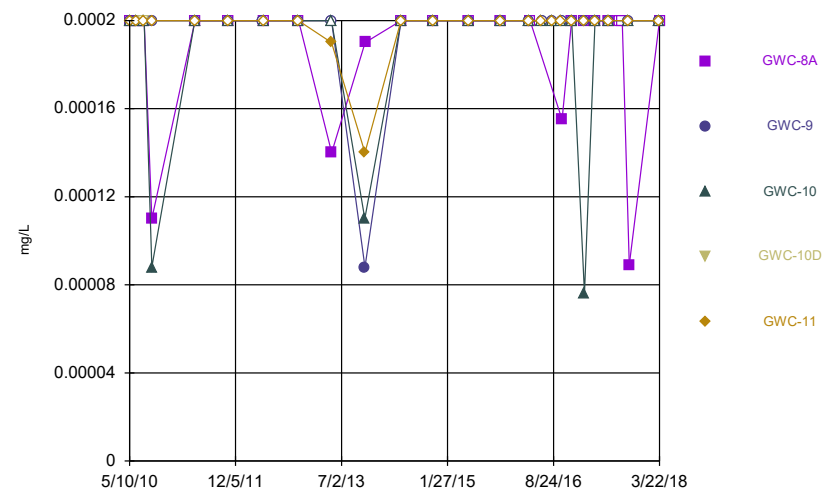
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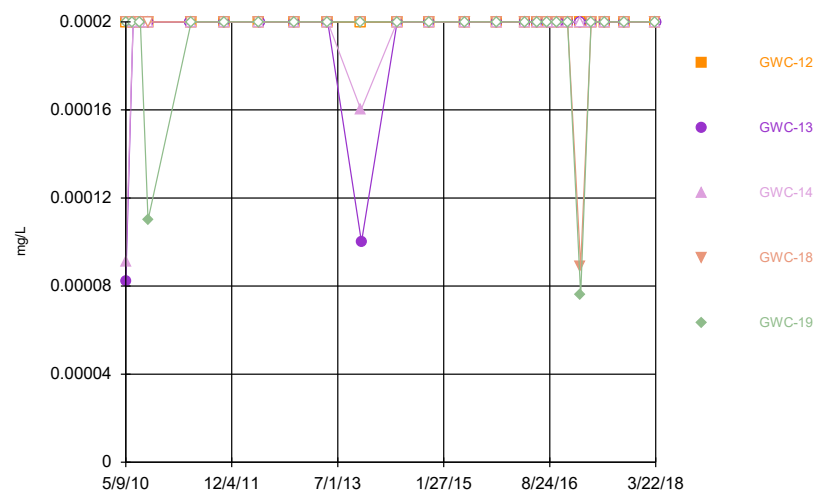
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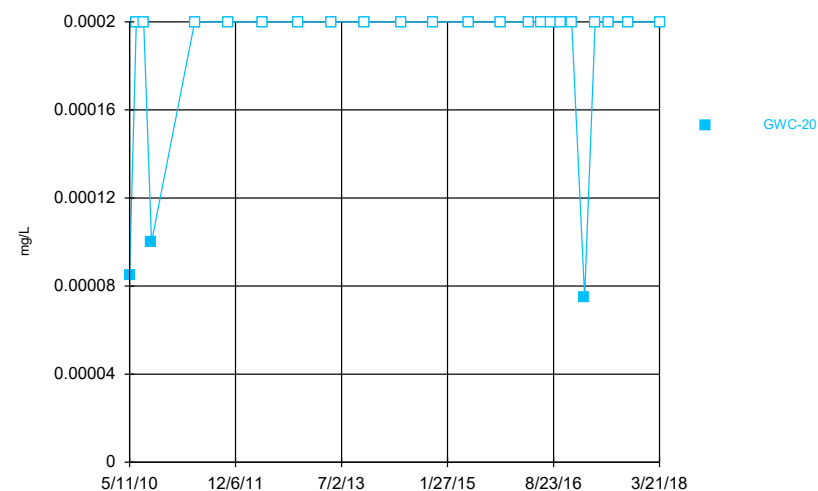
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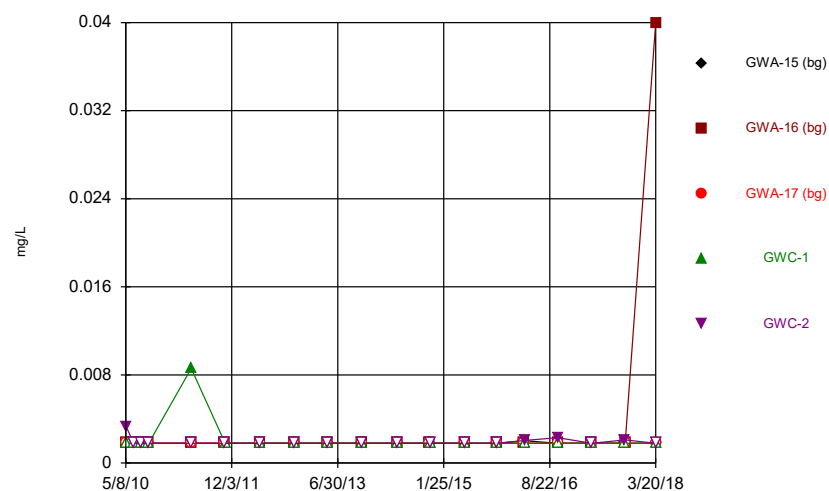
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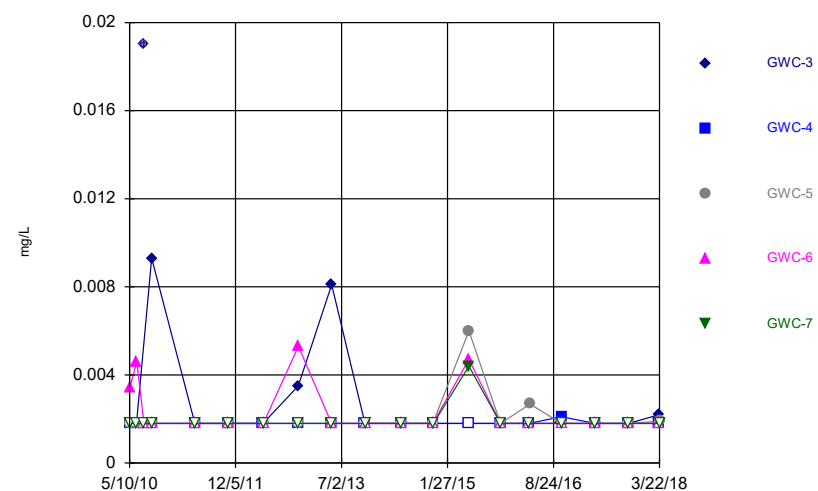
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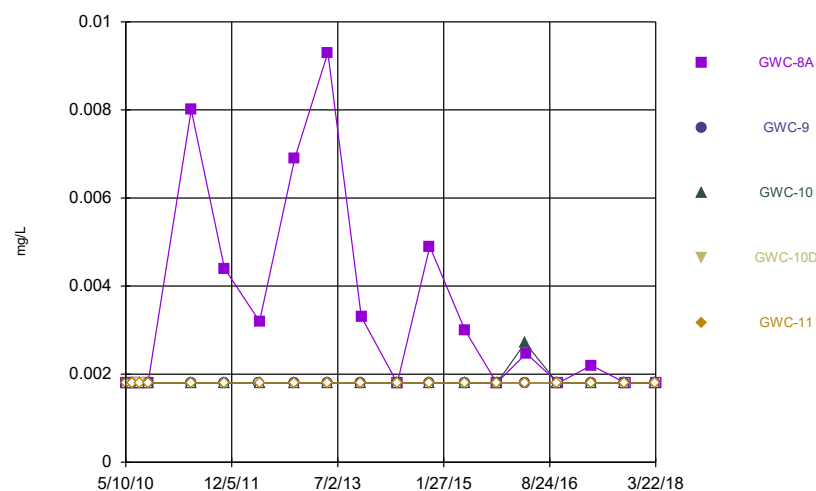
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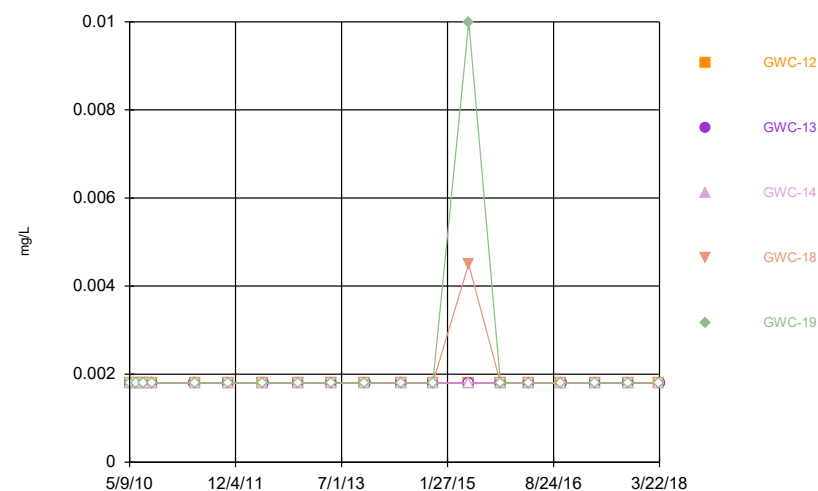
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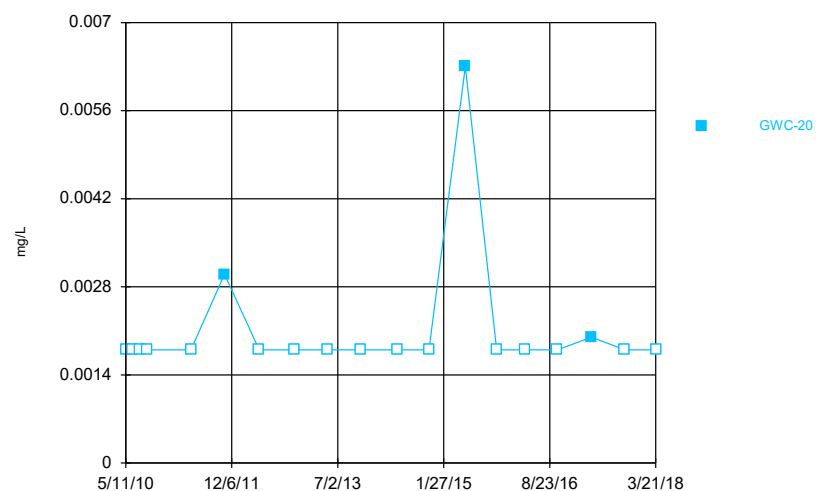
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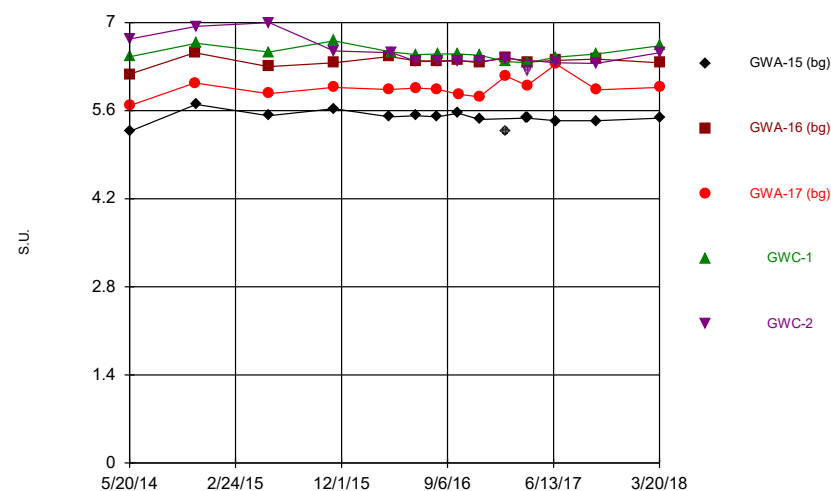
Time Series



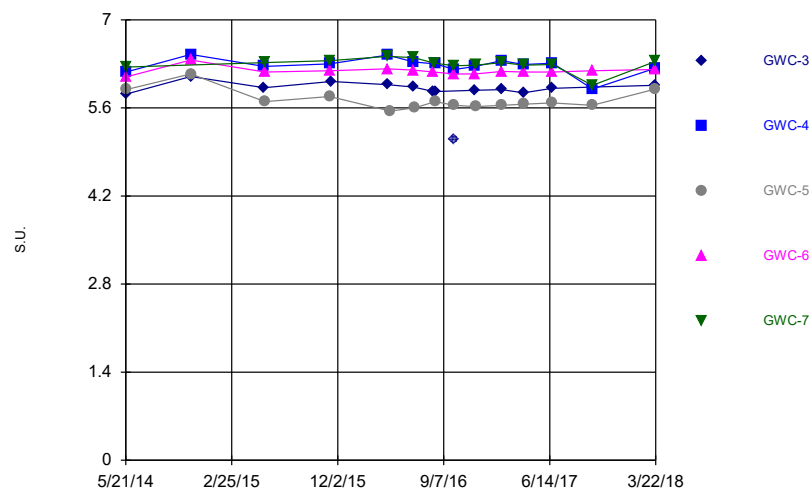
Time Series



Time Series

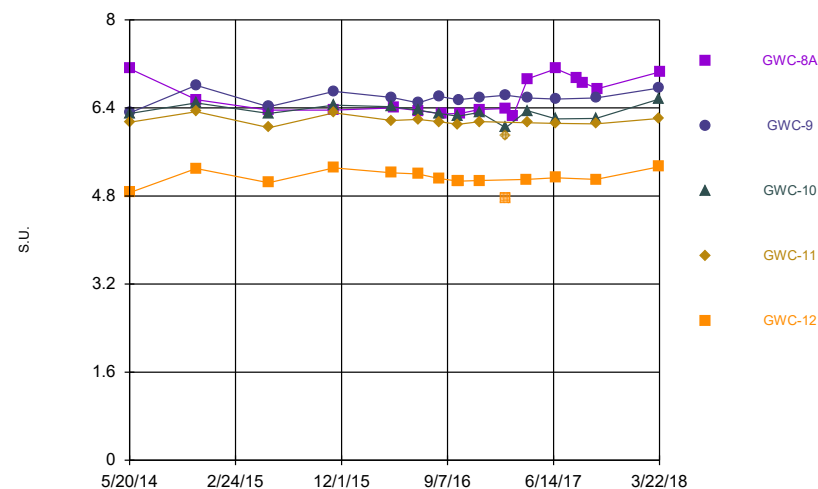


Time Series



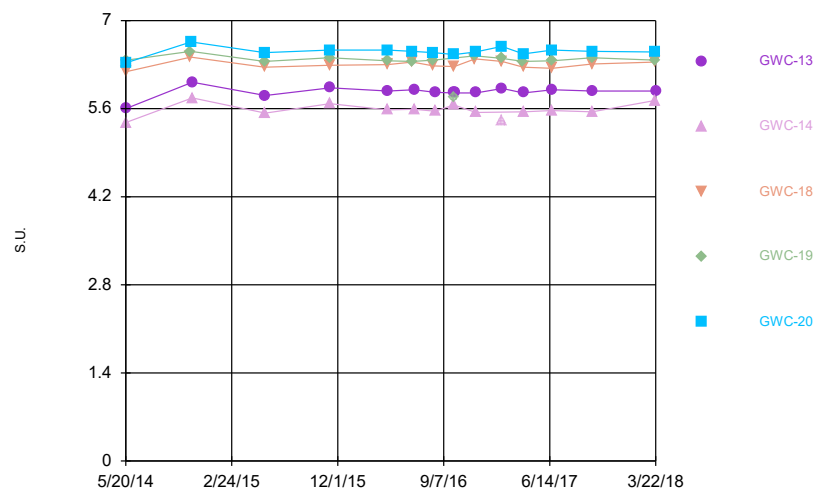
Constituent: pH Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



Constituent: pH Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

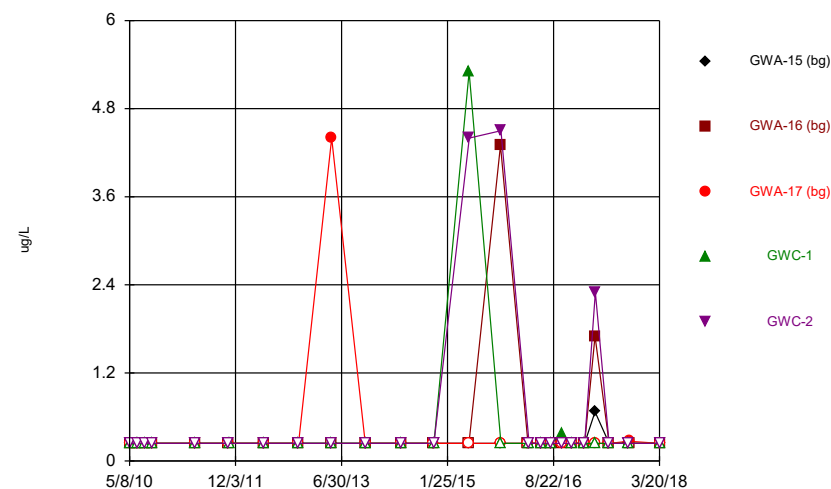
Time Series



Constituent: pH Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

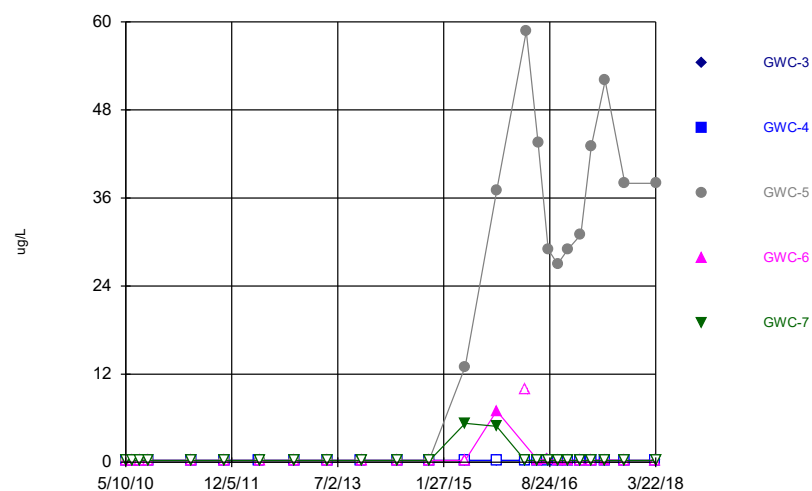
Hollow symbols indicate censored values.

Time Series

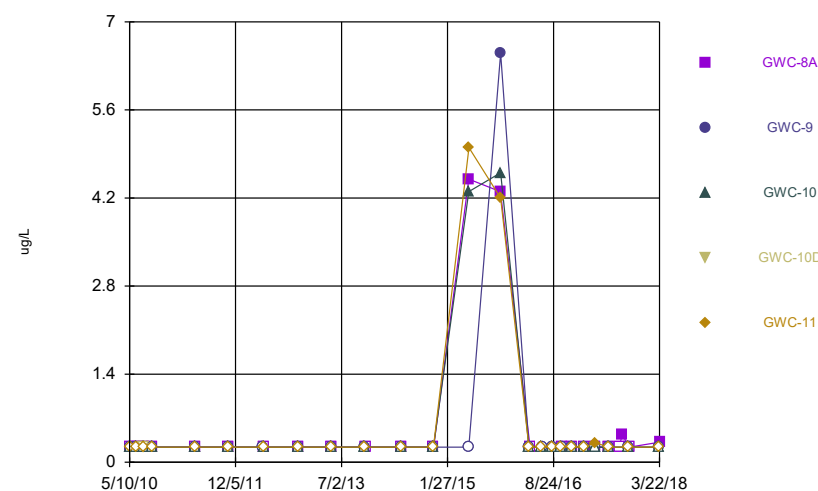


Constituent: Selenium, Total Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

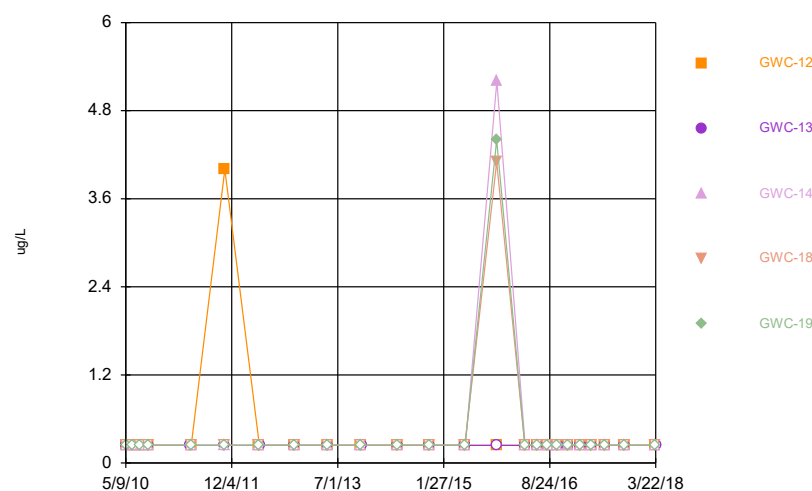
Time Series



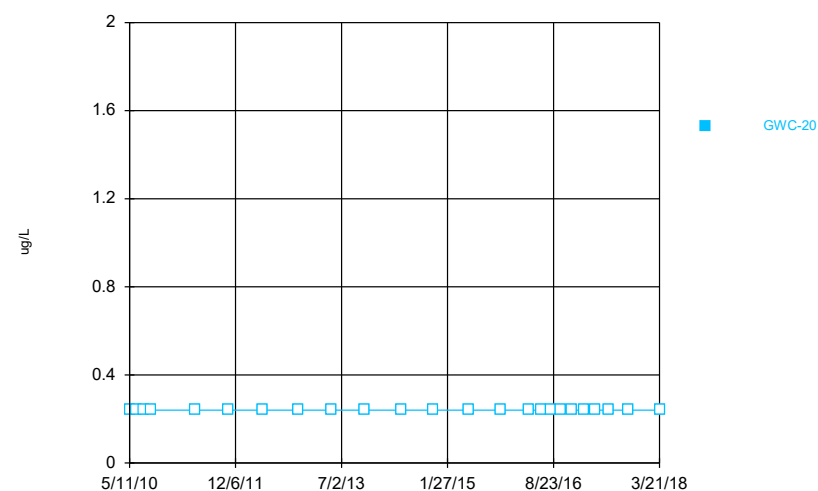
Time Series



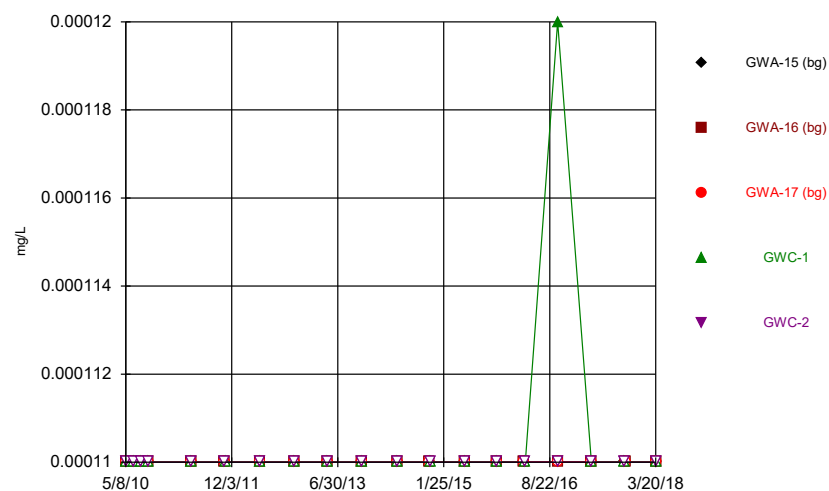
Time Series



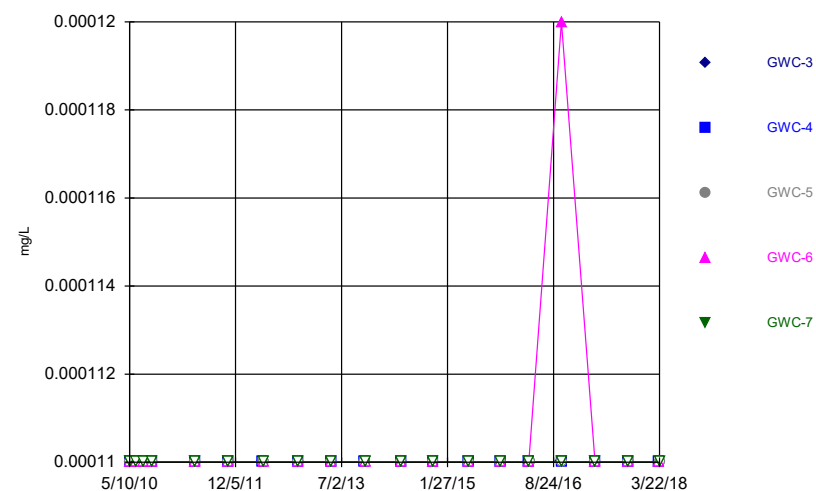
Time Series



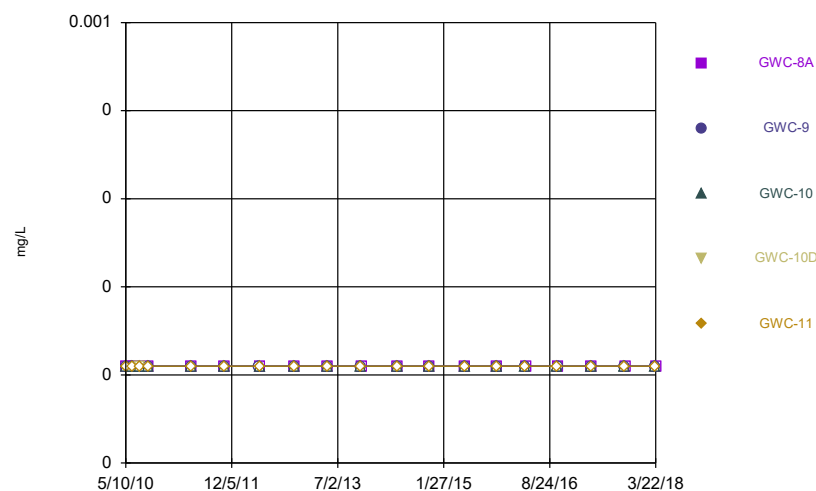
Time Series



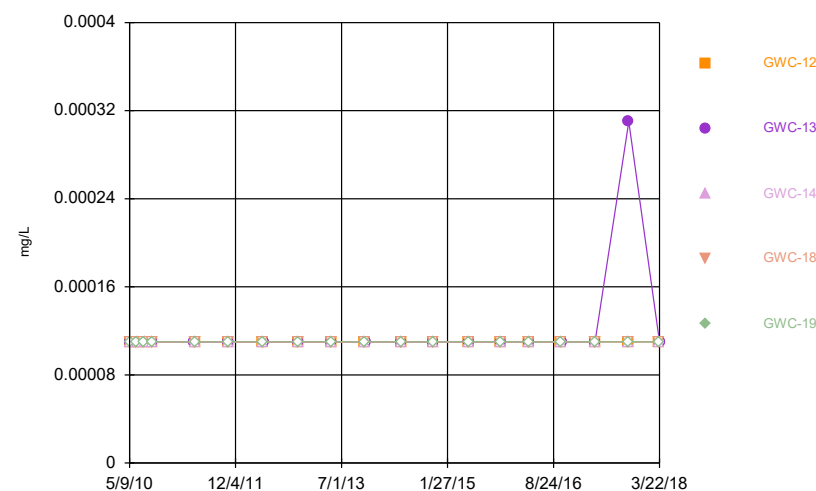
Time Series



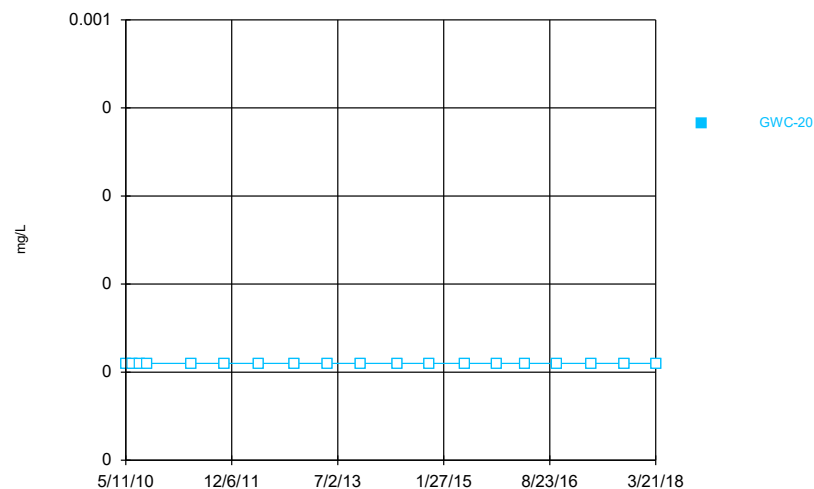
Time Series



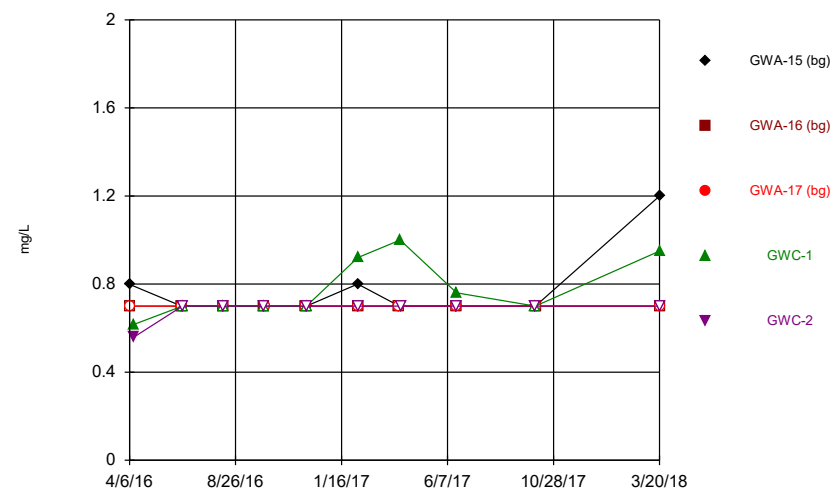
Time Series



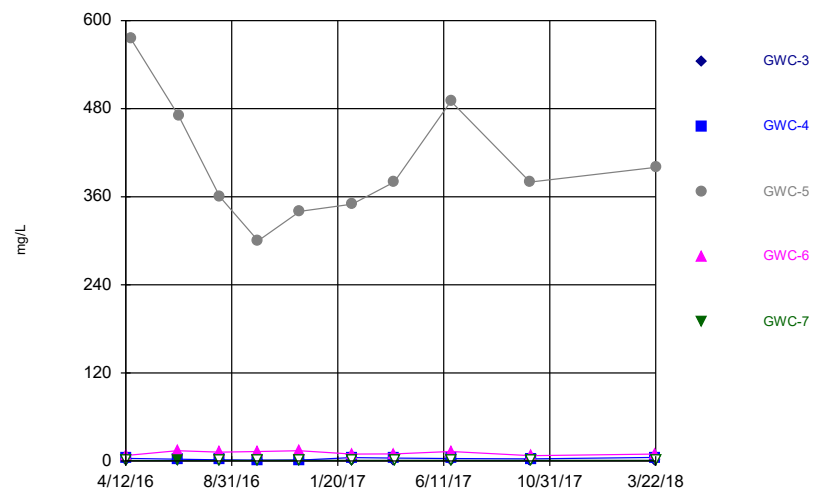
Time Series



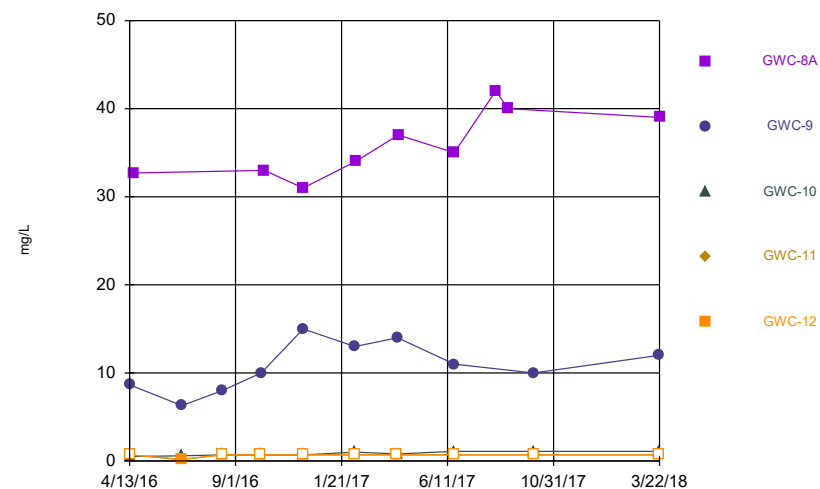
Time Series

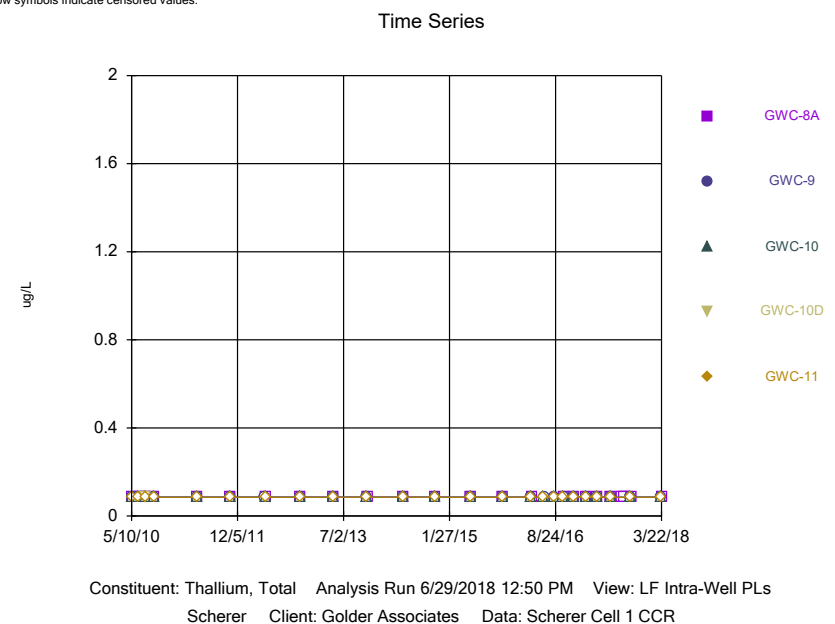
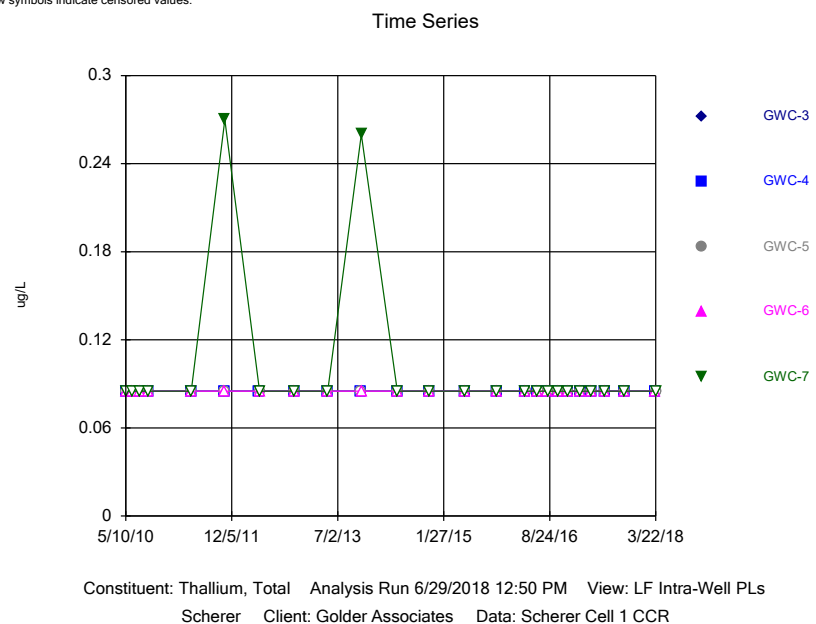
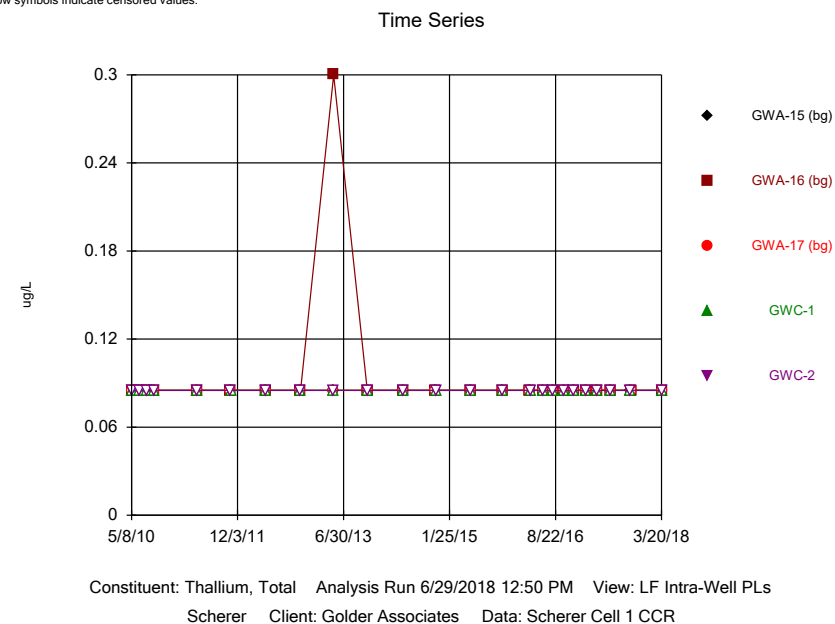
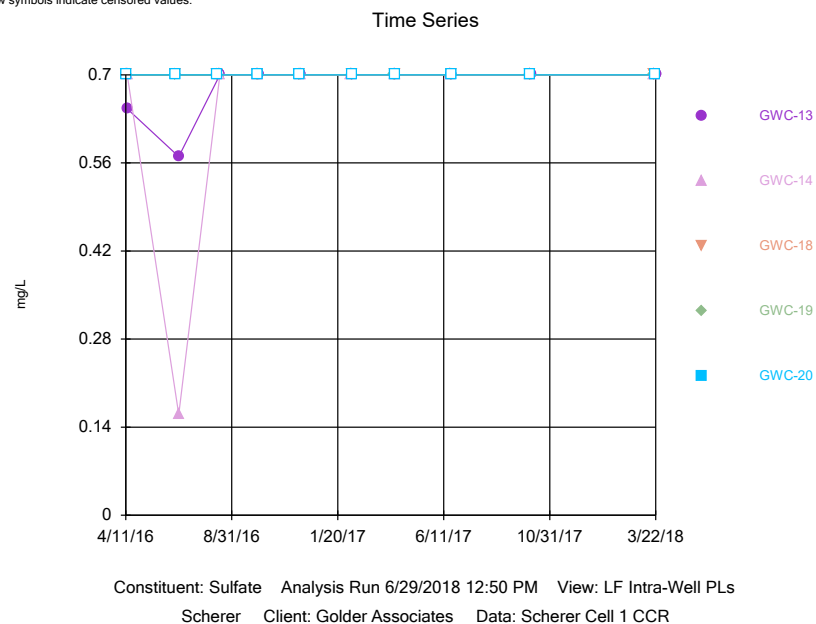


Time Series

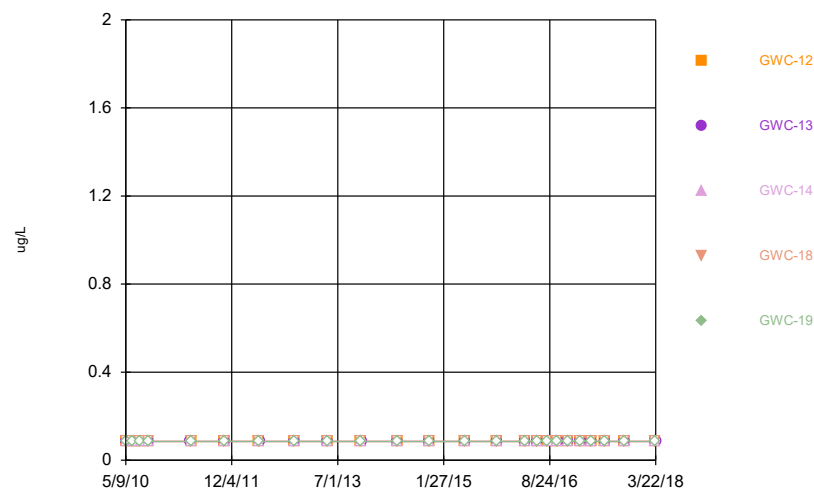


Time Series

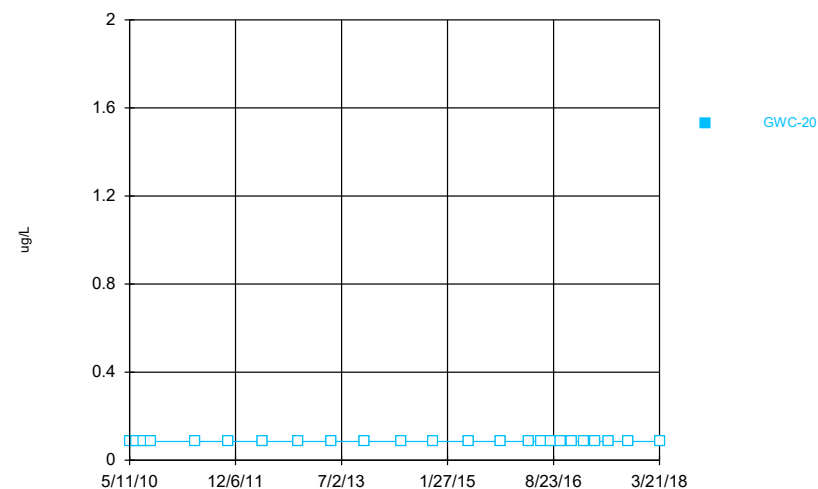




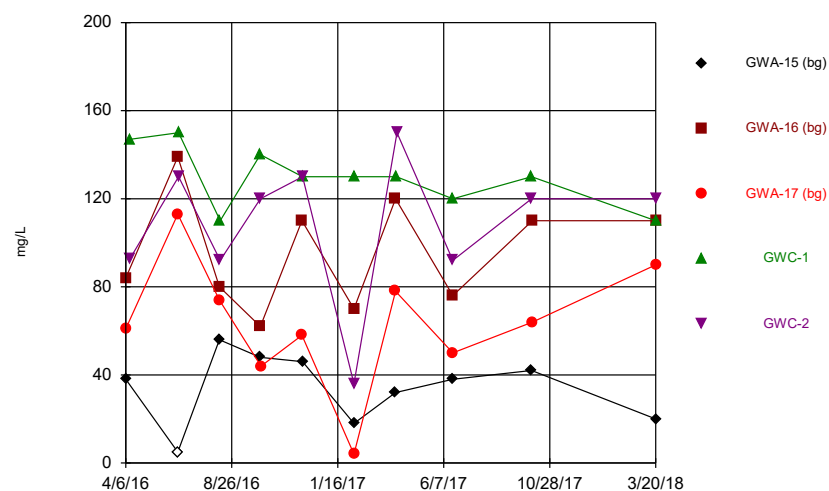
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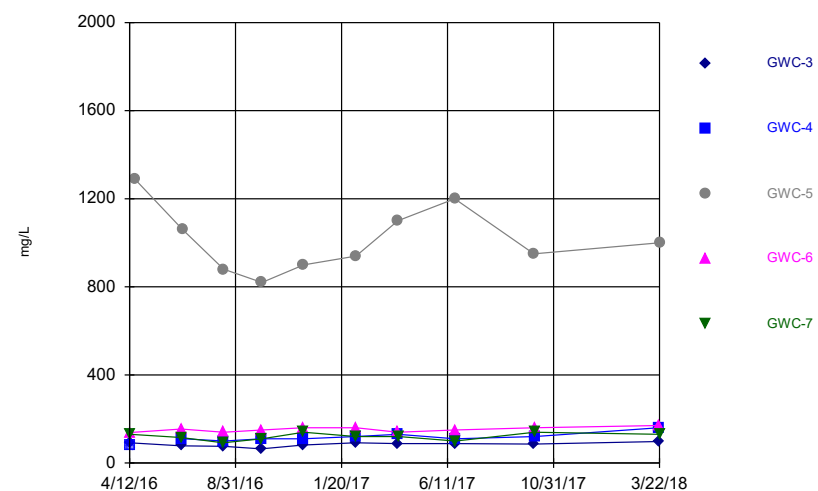
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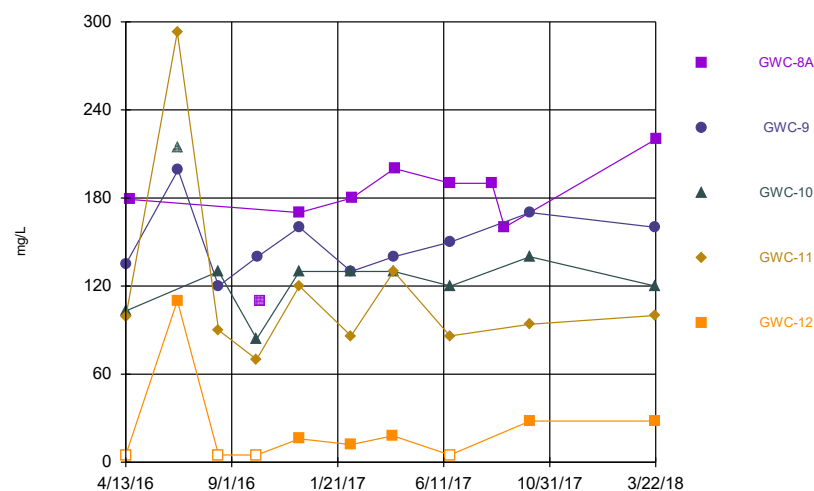
Time Series



Time Series

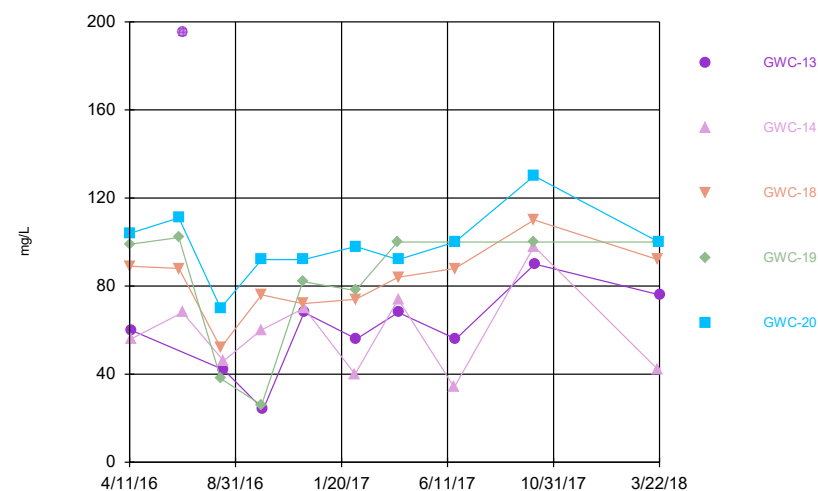


Time Series



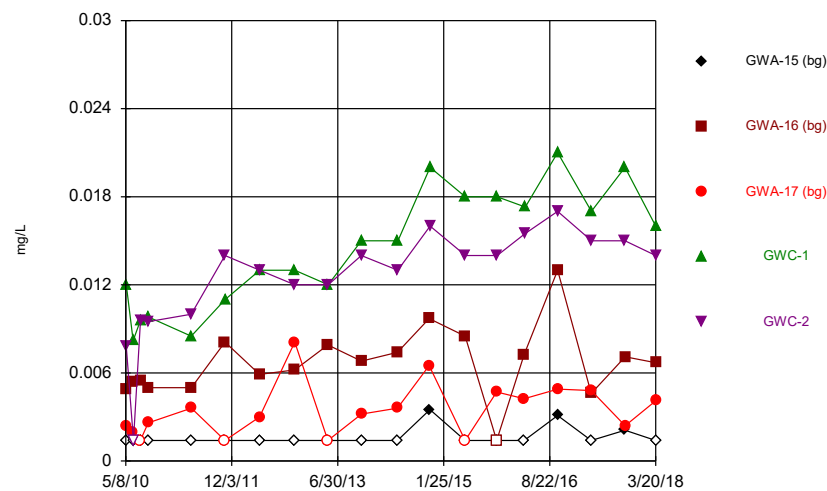
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



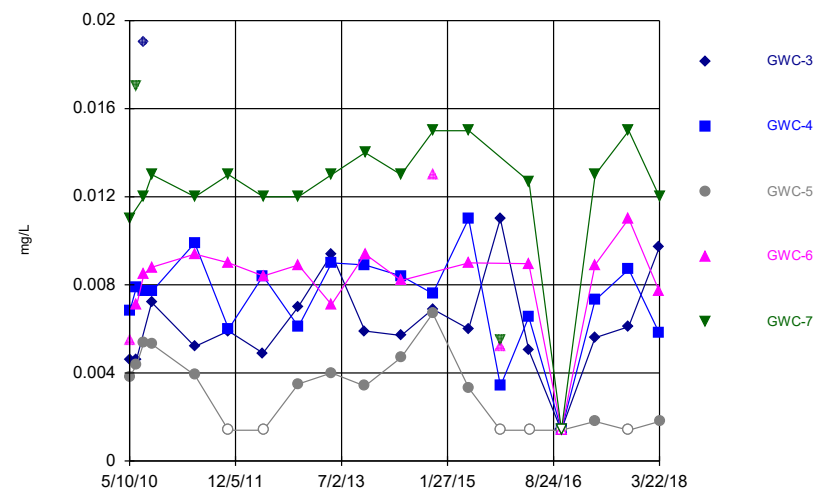
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



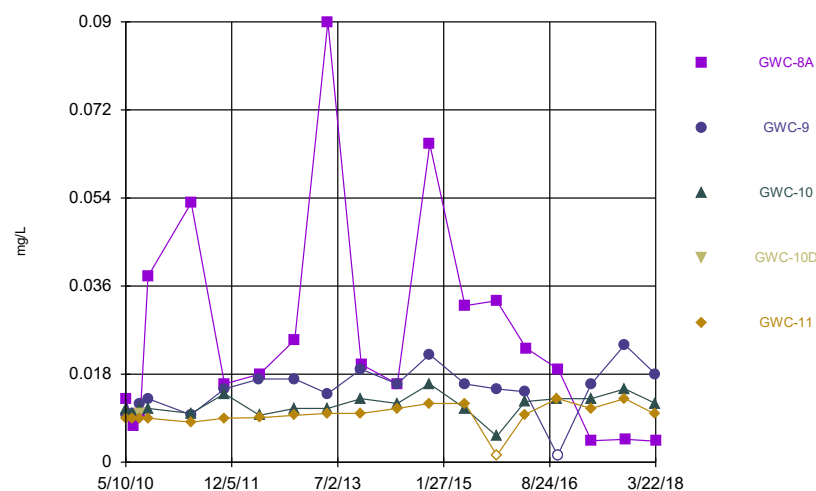
Constituent: Vanadium Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



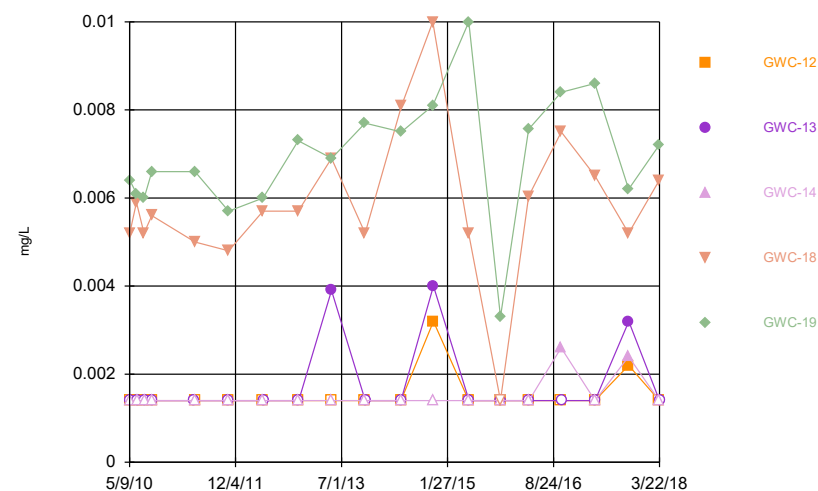
Constituent: Vanadium Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



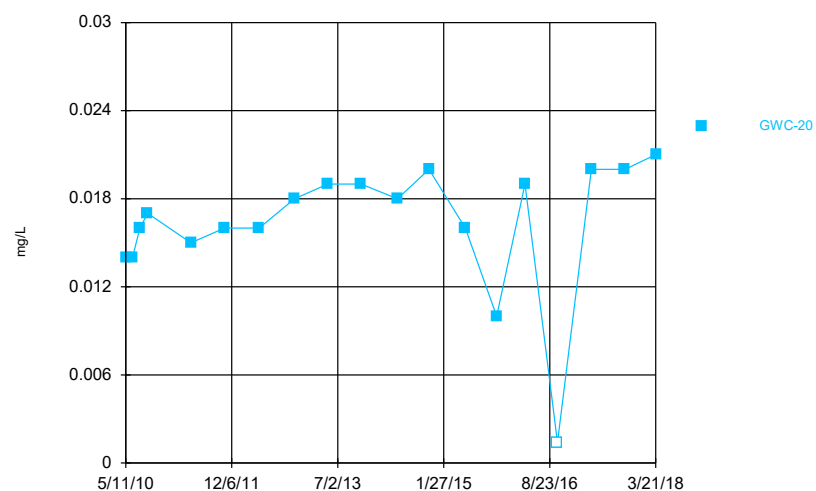
Constituent: Vanadium Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



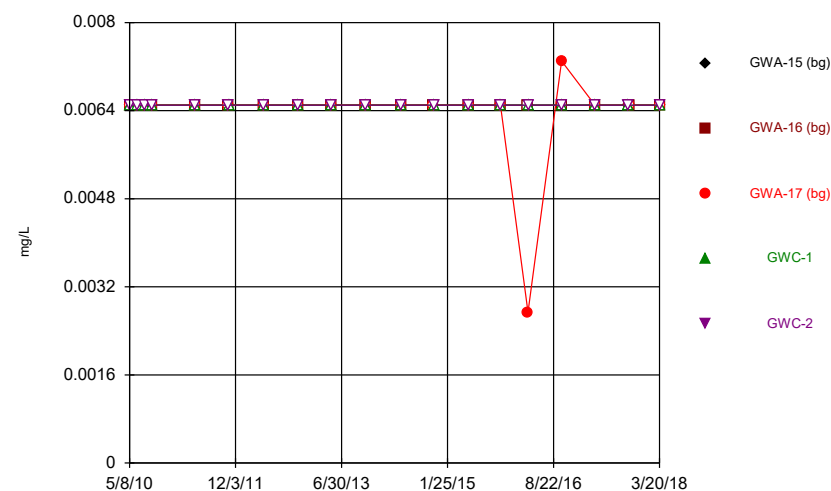
Constituent: Vanadium Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



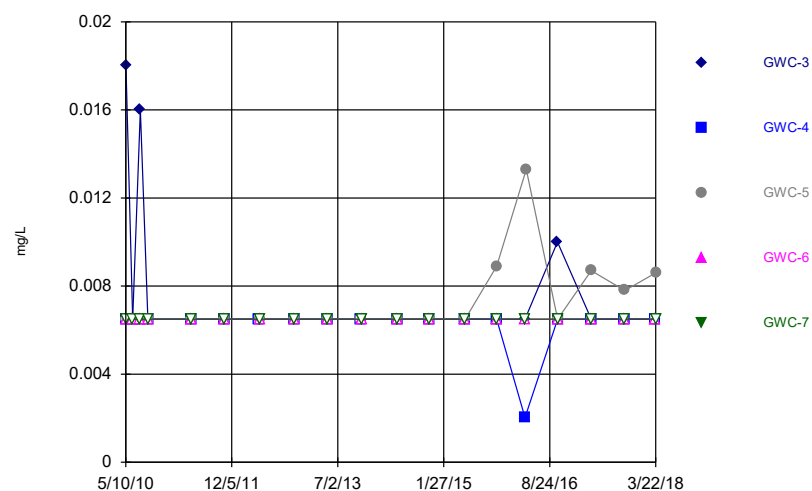
Constituent: Vanadium Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

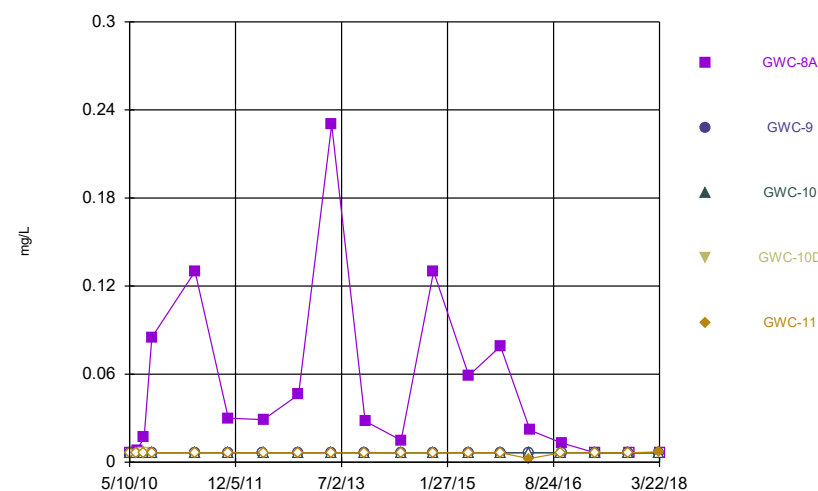


Constituent: Zinc Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

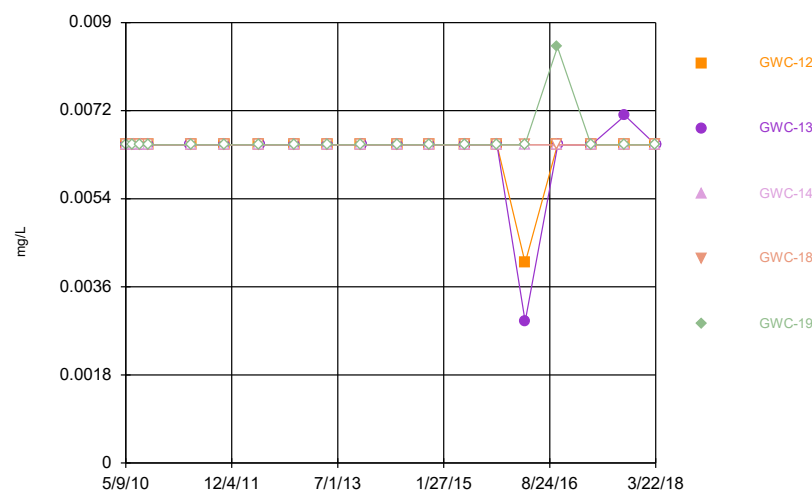
Time Series



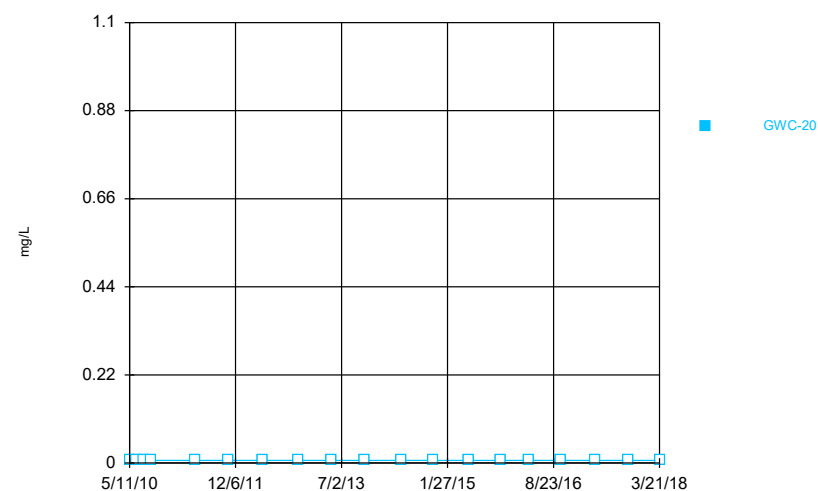
Time Series



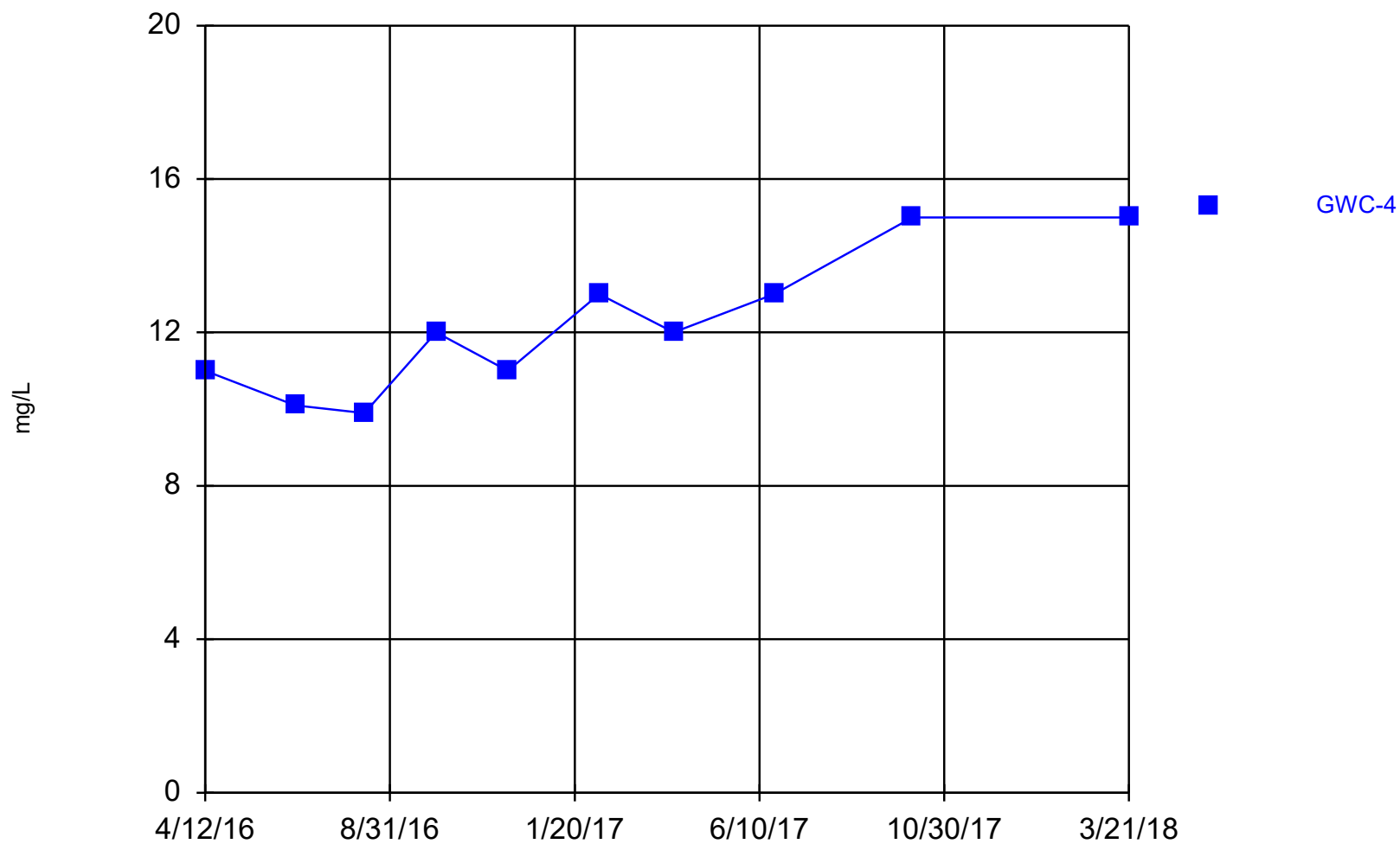
Time Series



Time Series



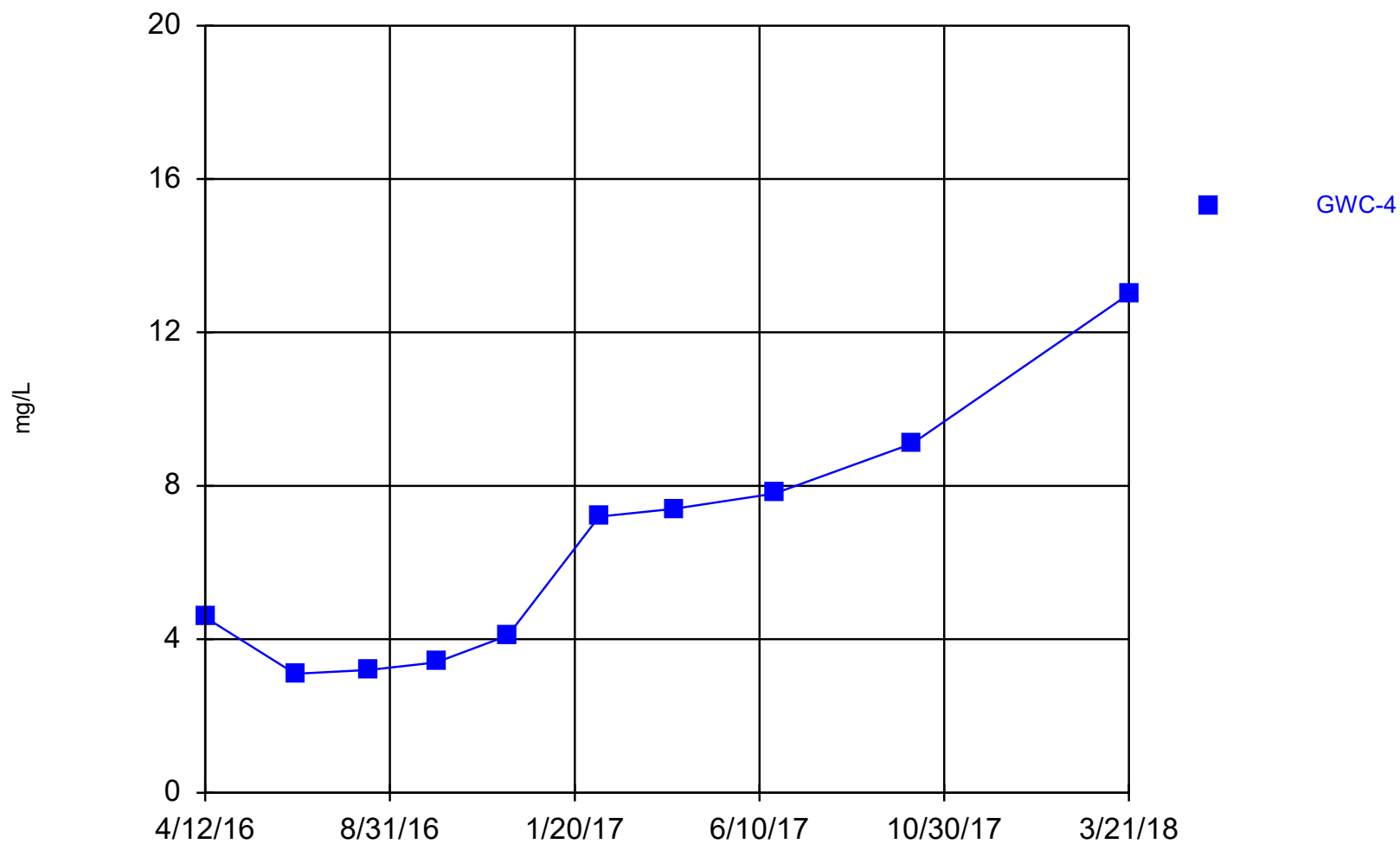
Time Series



Constituent: Calcium Analysis Run 8/23/2018 1:08 PM View: LF Intra-Well PLs

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

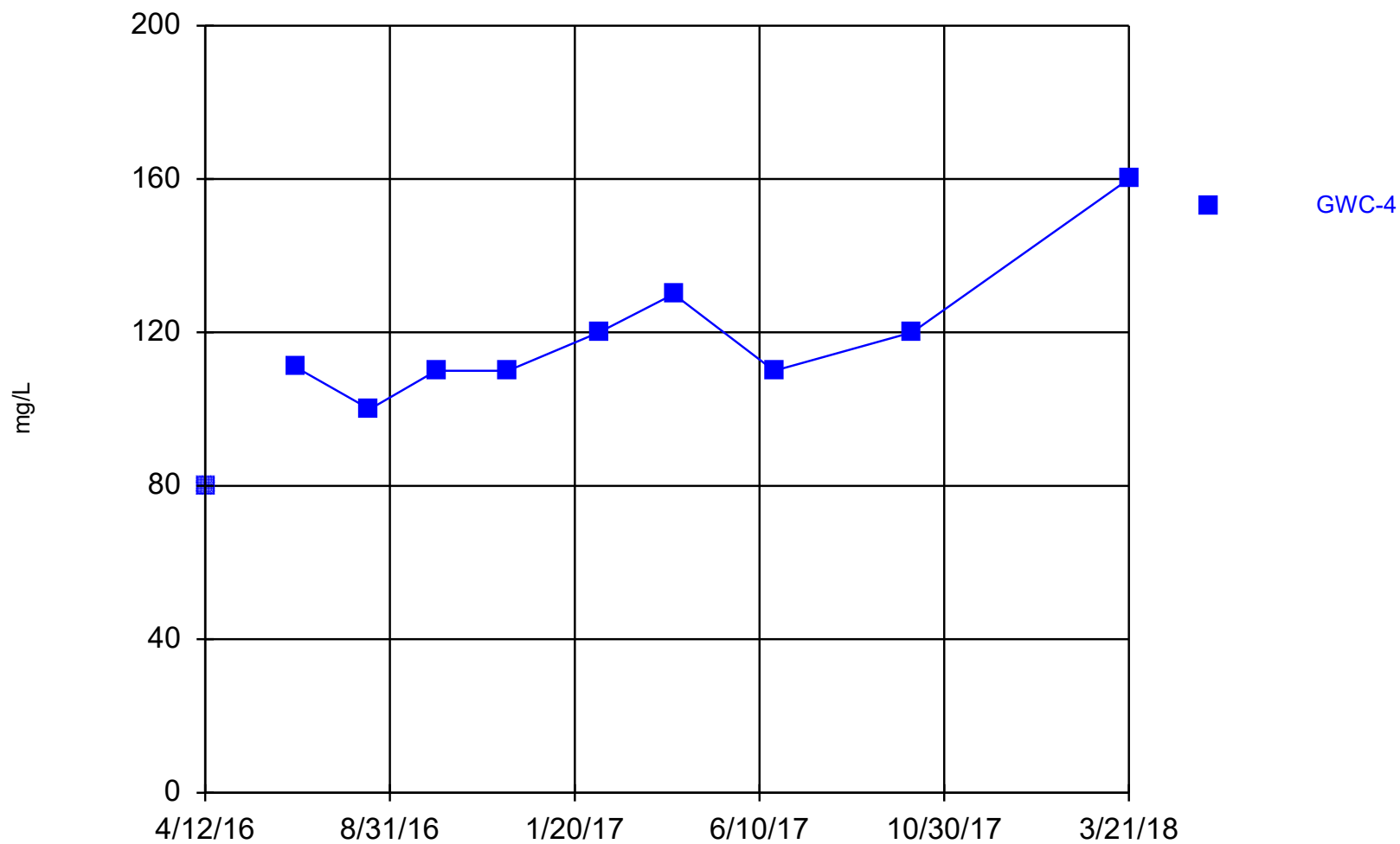
Time Series



Constituent: Chloride Analysis Run 8/23/2018 1:08 PM View: LF Intra-Well PLs

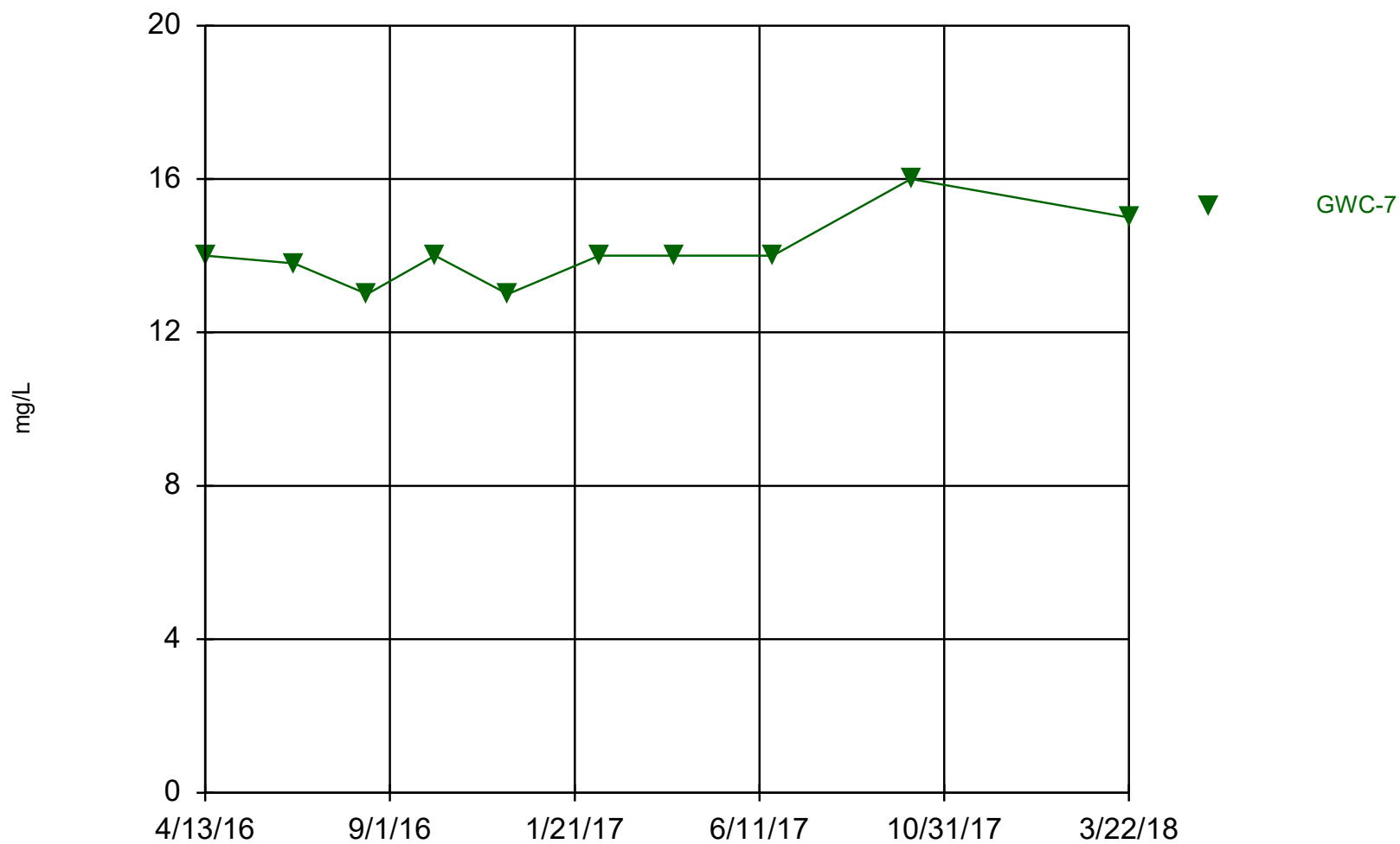
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



Constituent: Total Dissolved Solids Analysis Run 8/23/2018 1:09 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

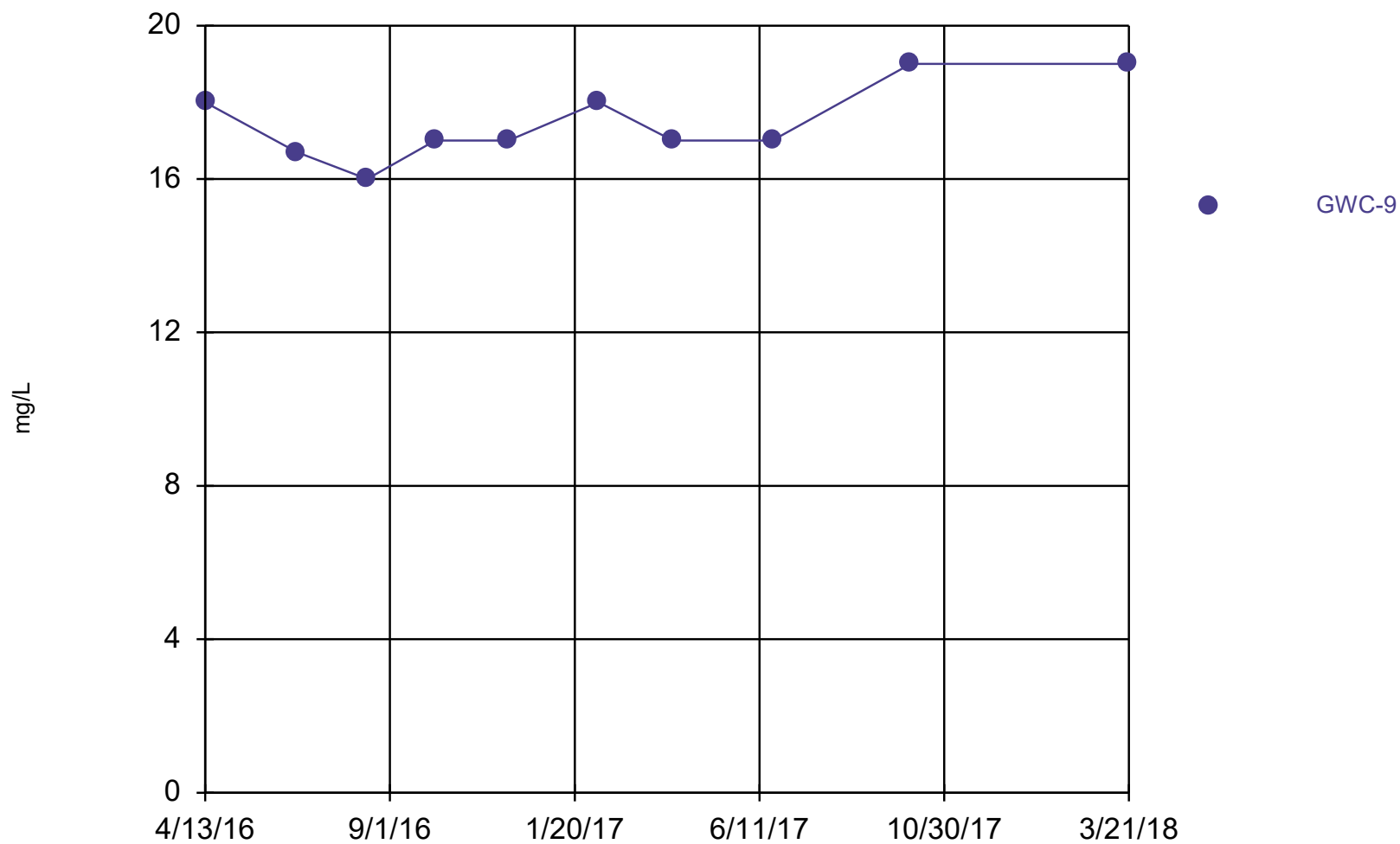
Time Series



Constituent: Calcium Analysis Run 8/23/2018 1:09 PM View: LF Intra-Well PLs

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

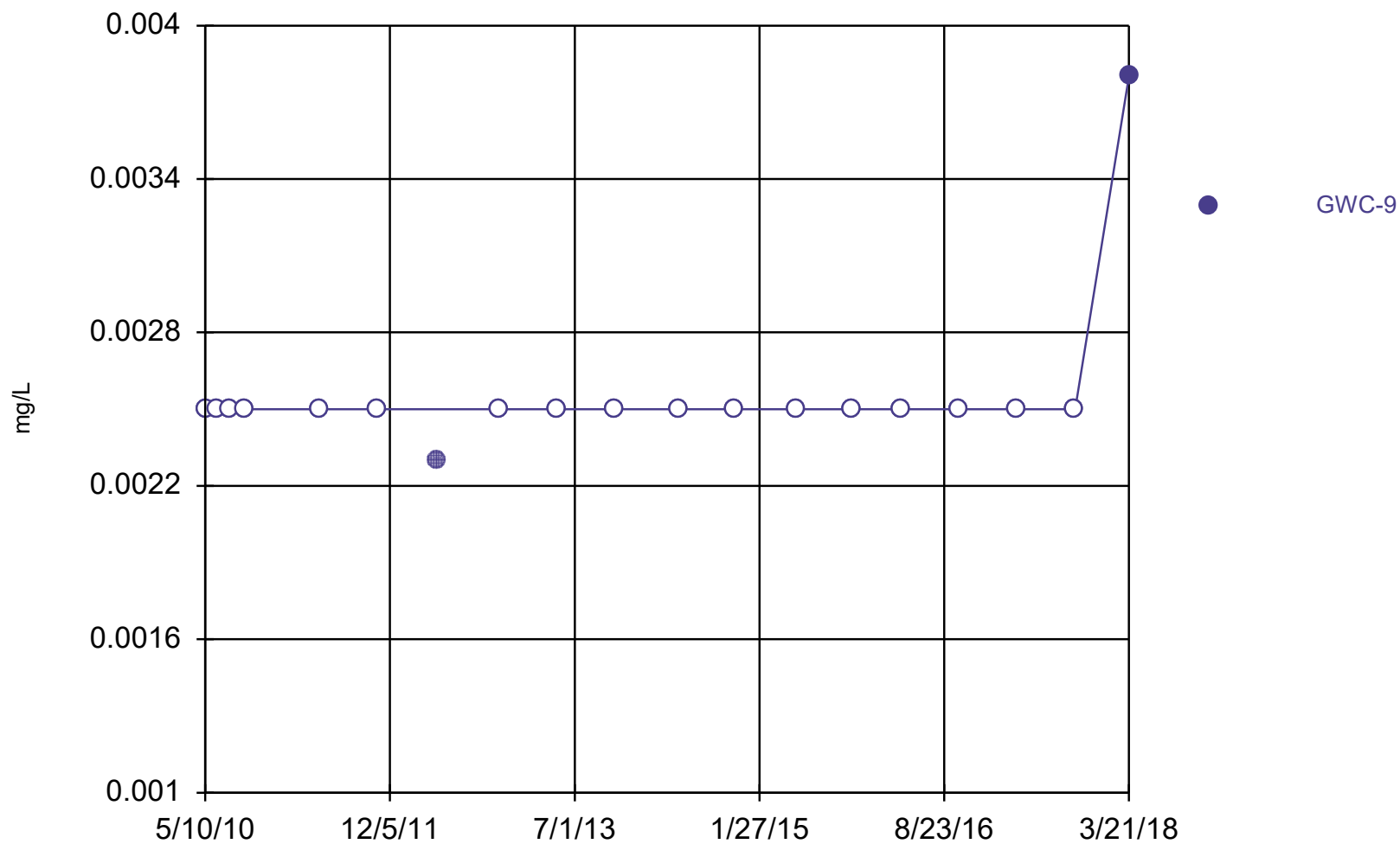
Time Series



Constituent: Calcium Analysis Run 8/23/2018 1:09 PM View: LF Intra-Well PLs

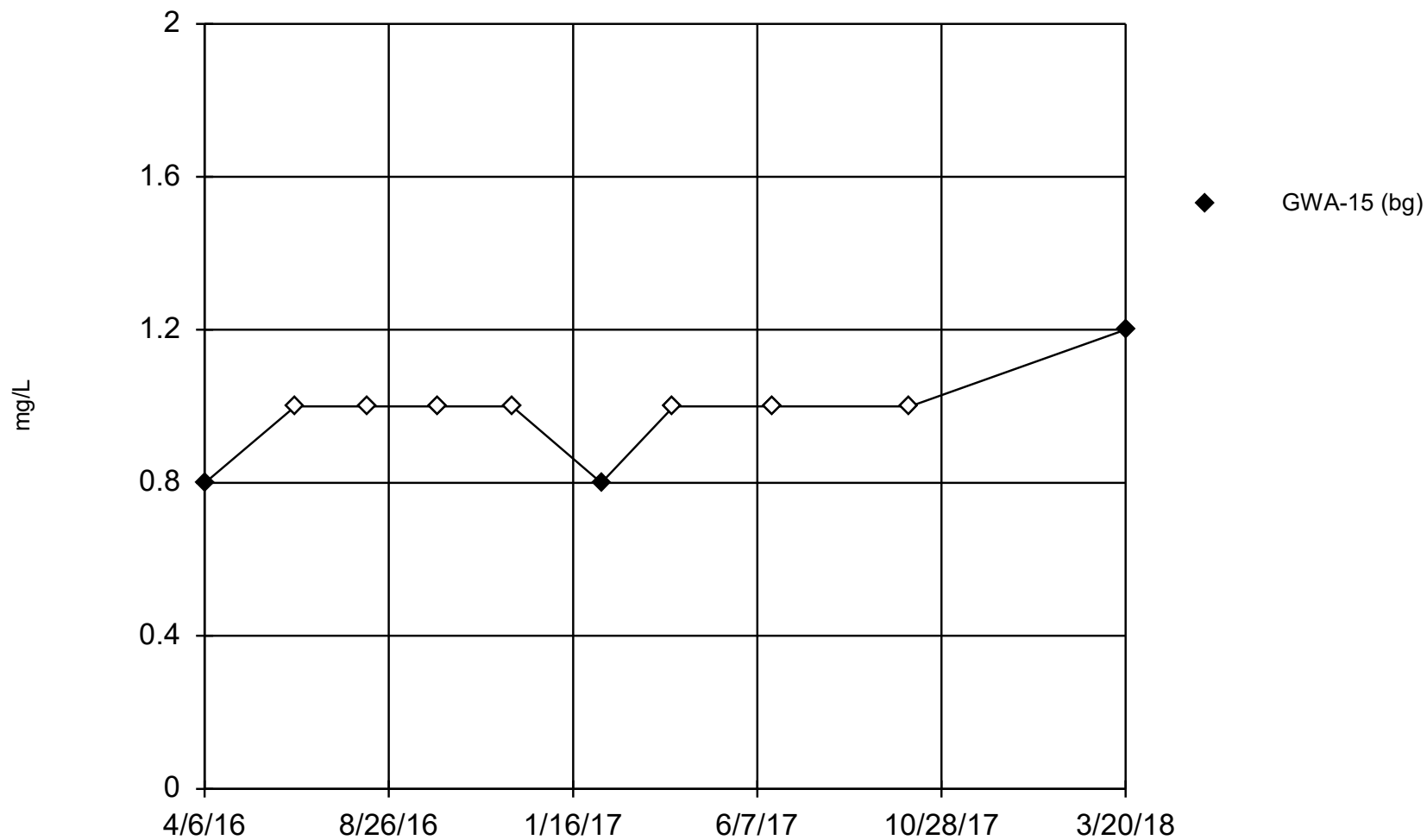
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



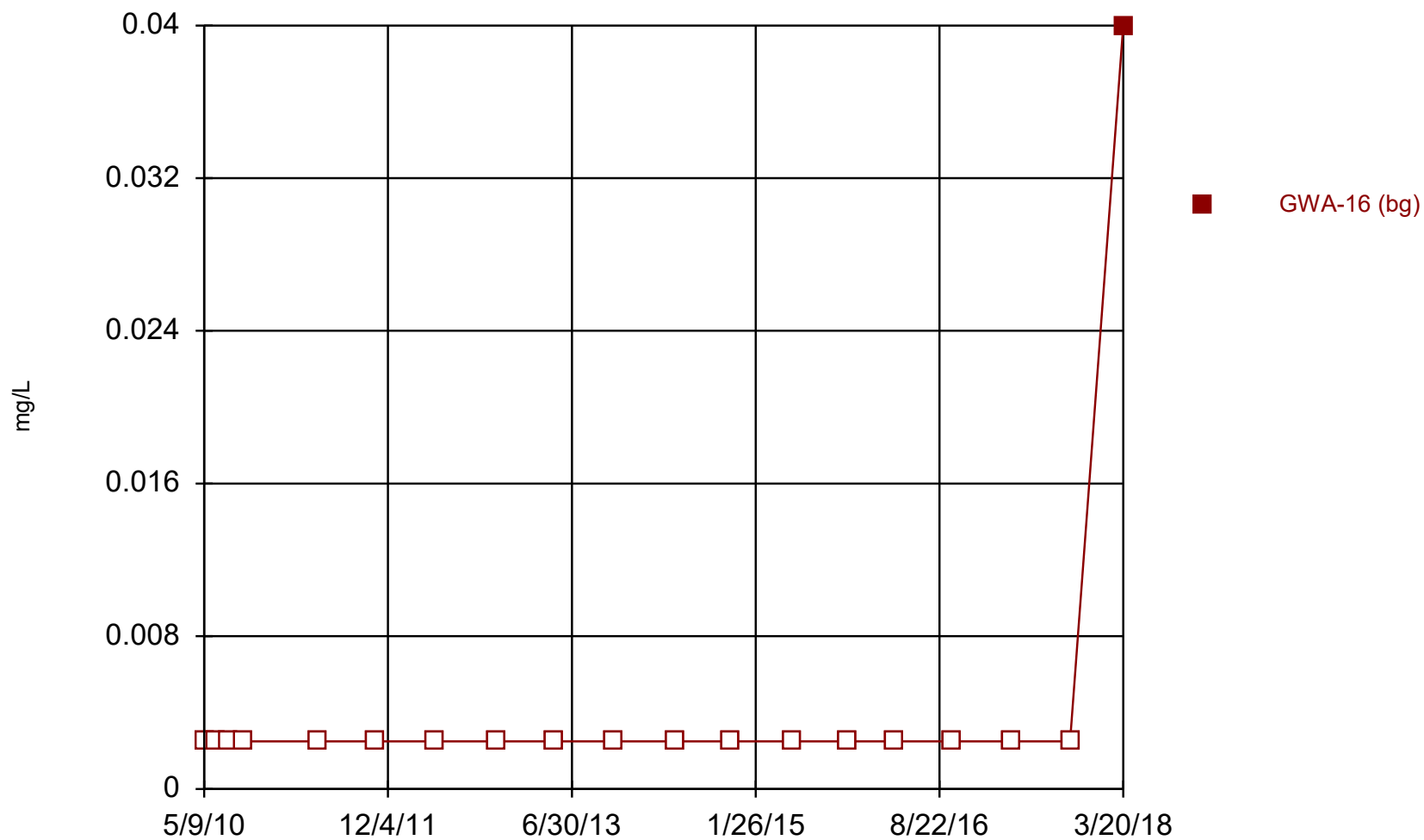
Constituent: Copper Analysis Run 8/23/2018 1:10 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



Constituent: Sulfate Analysis Run 8/23/2018 1:10 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

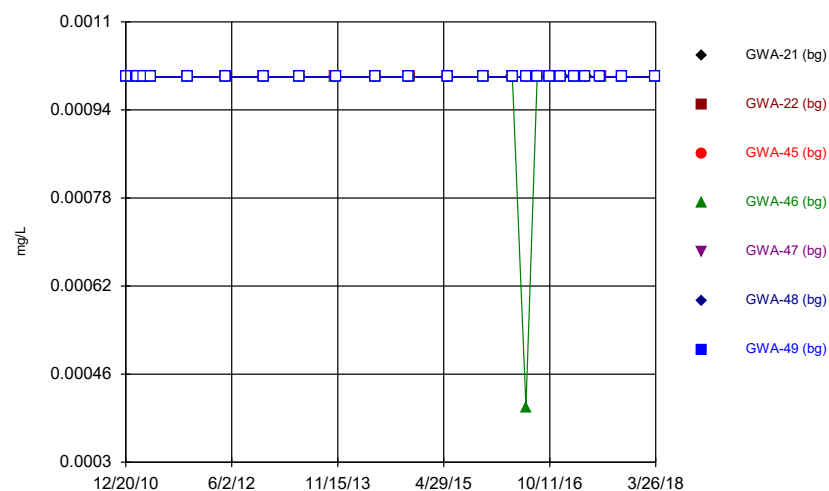


Constituent: Nickel Analysis Run 8/23/2018 1:11 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

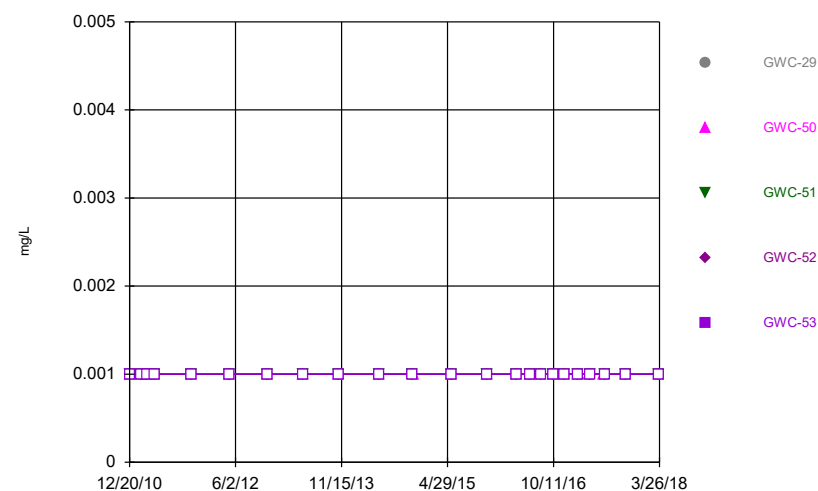
TIME SERIES PLOTS

PAC ASH CELL

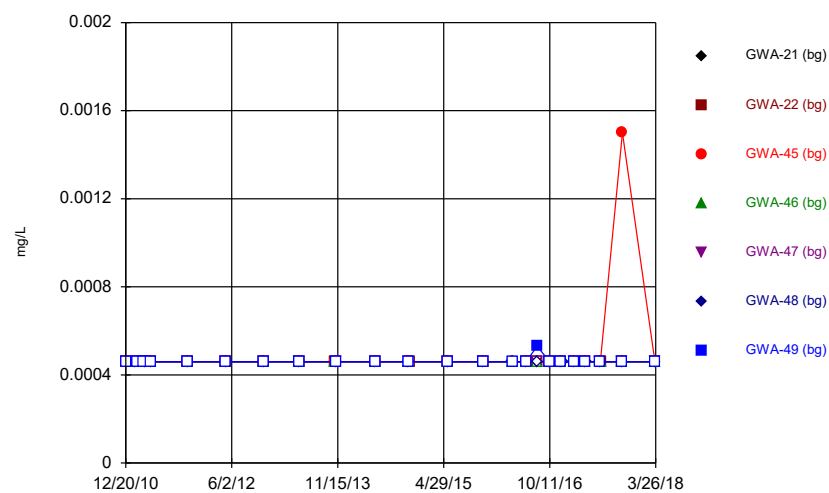
Time Series



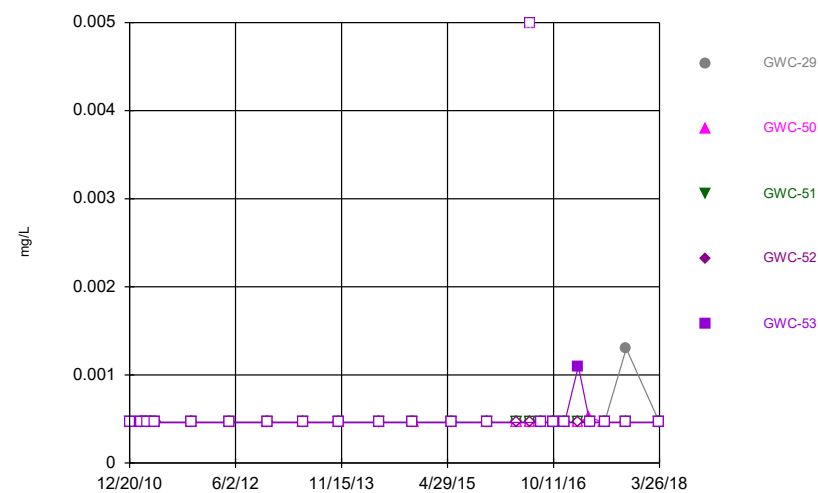
Time Series



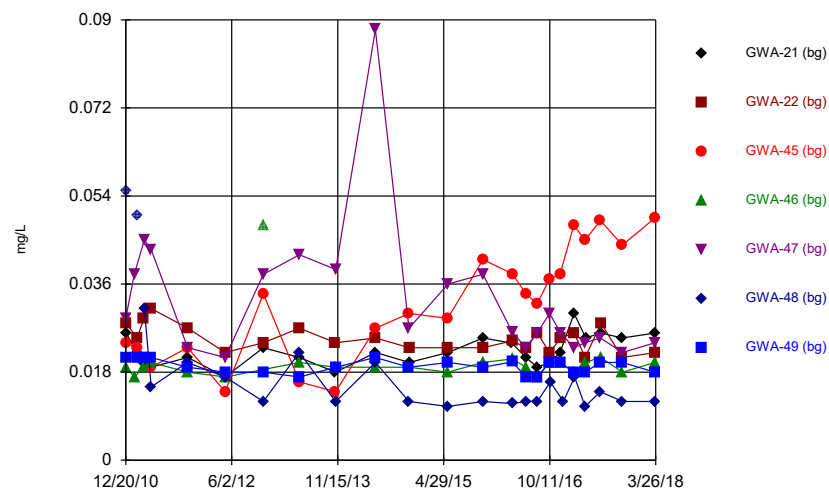
Time Series



Time Series

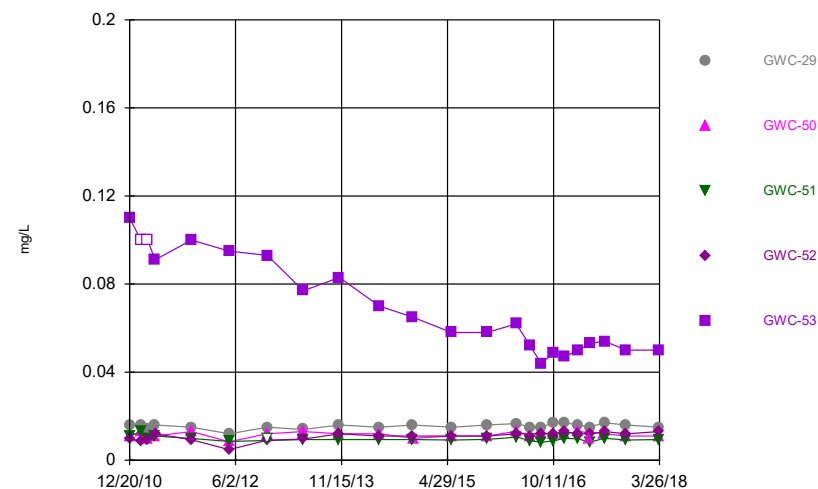


Time Series



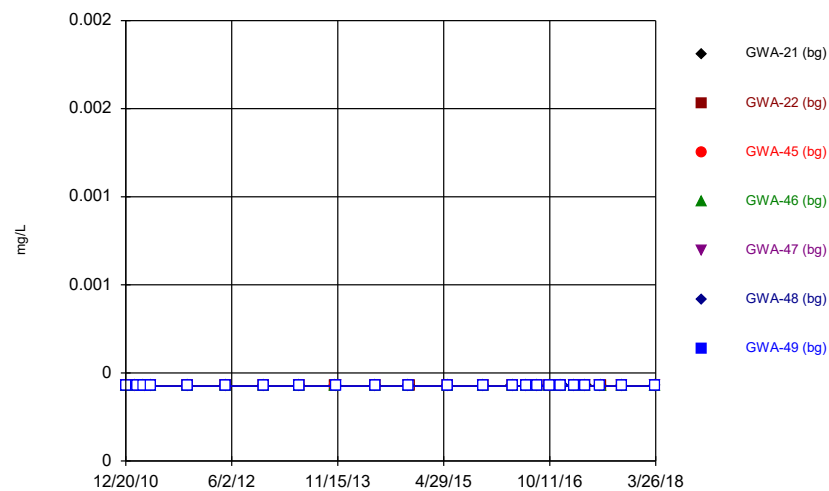
Constituent: Barium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



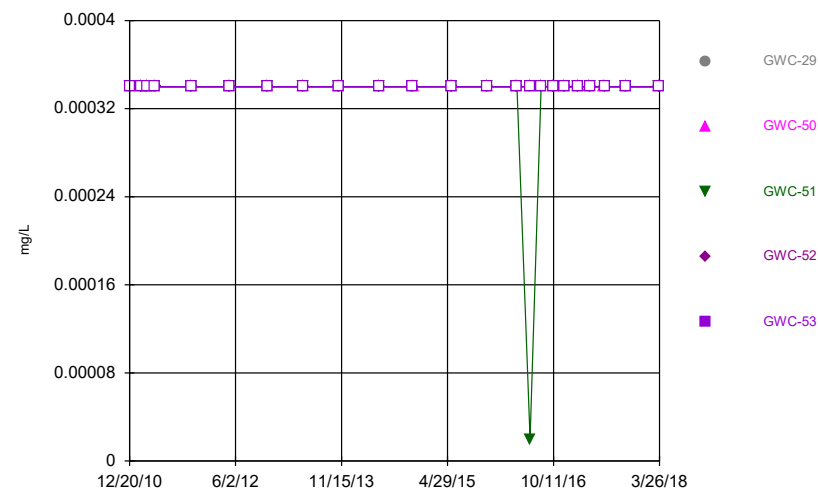
Constituent: Barium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



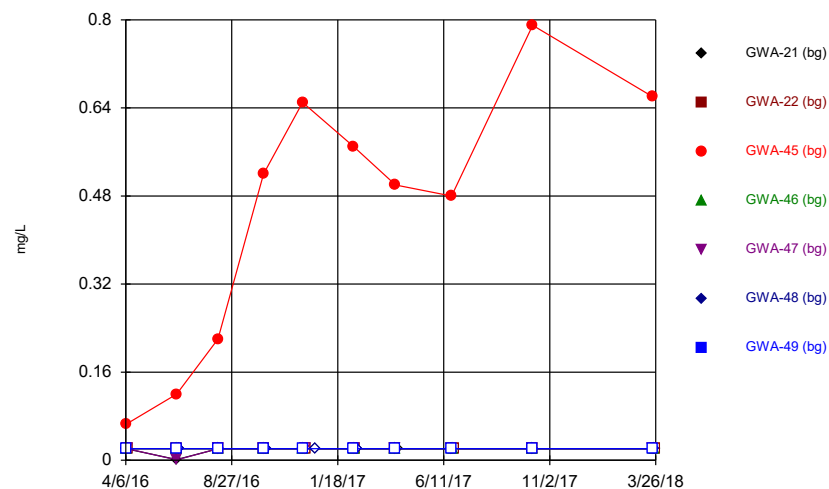
Constituent: Beryllium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series

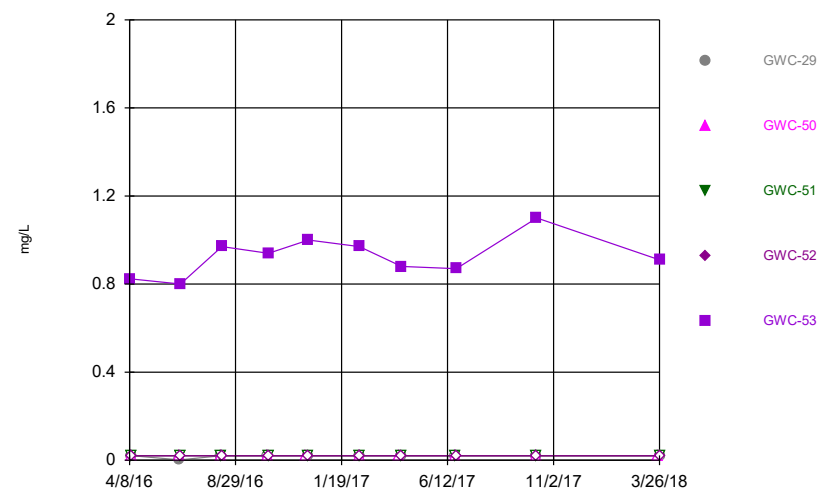


Constituent: Beryllium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

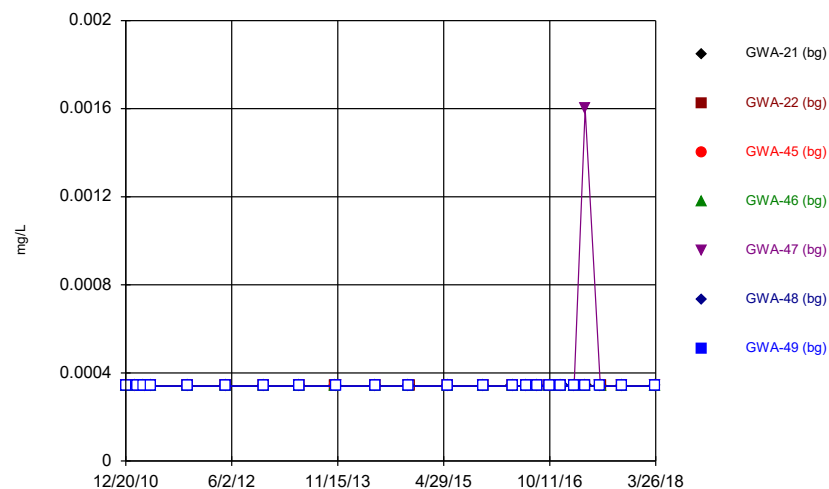
Time Series



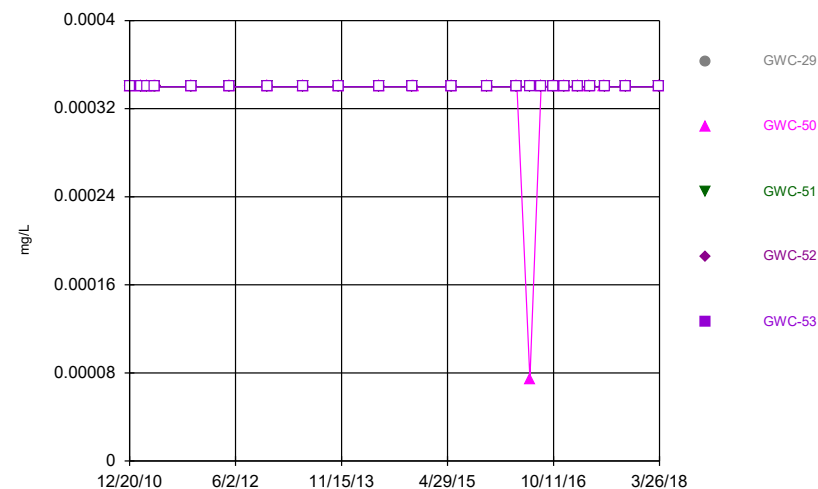
Time Series



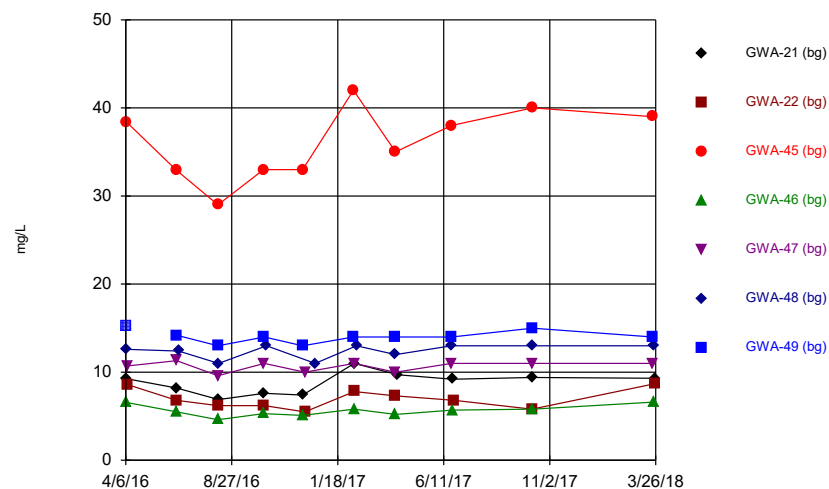
Time Series



Time Series

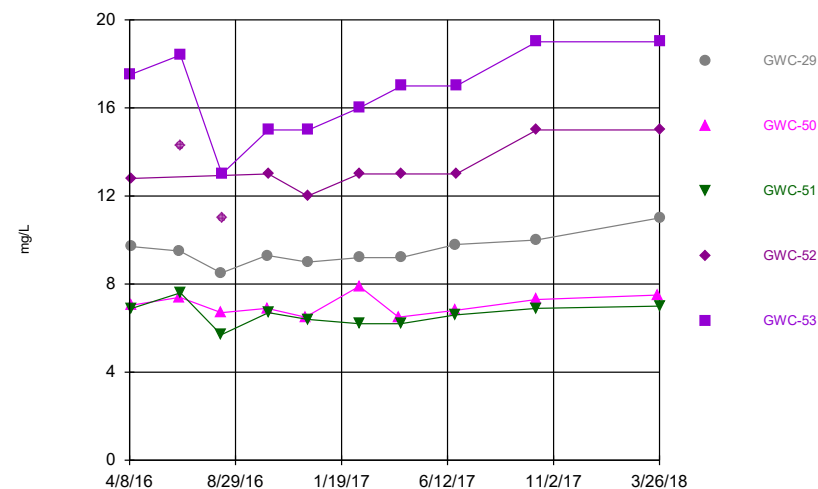


Time Series



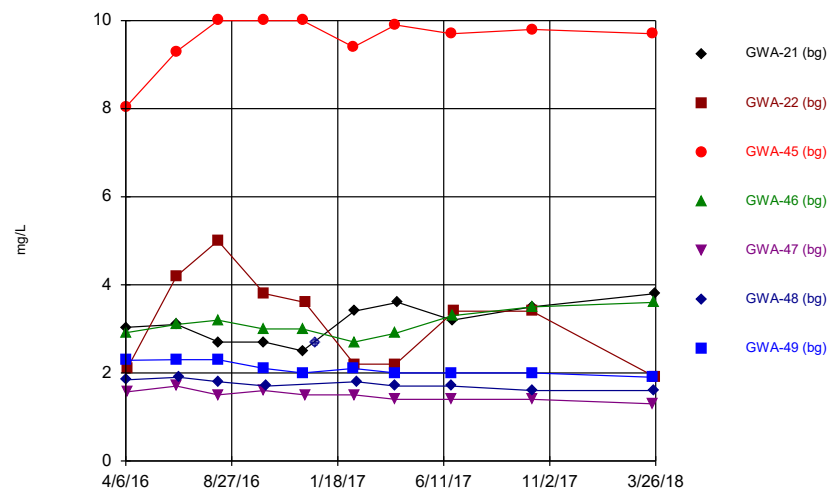
Constituent: Calcium Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



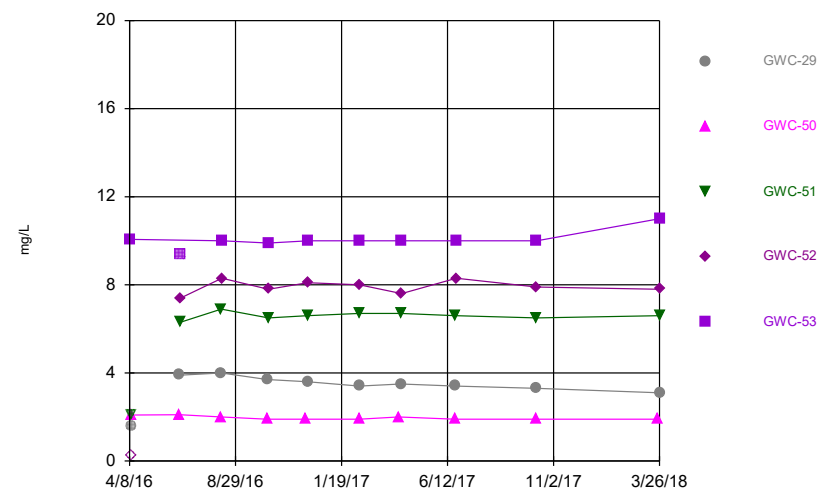
Constituent: Calcium Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



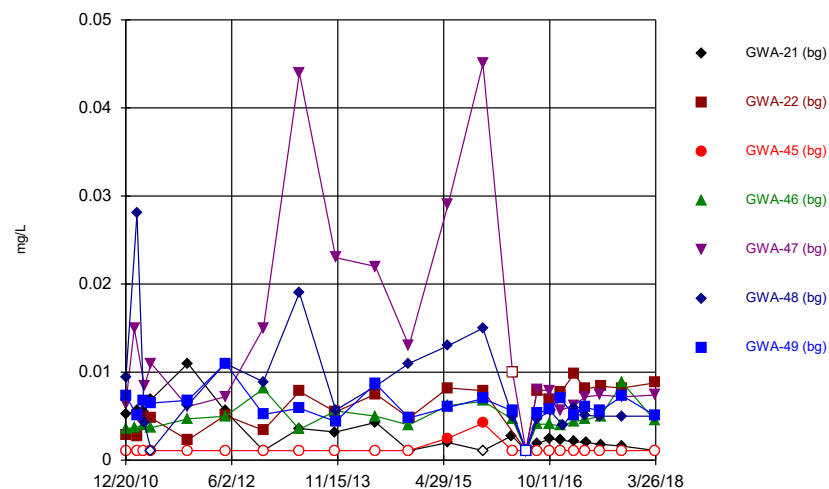
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



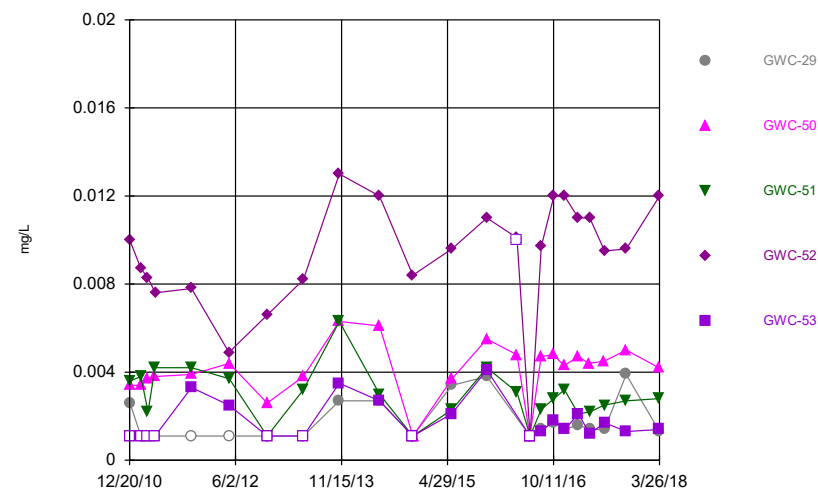
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



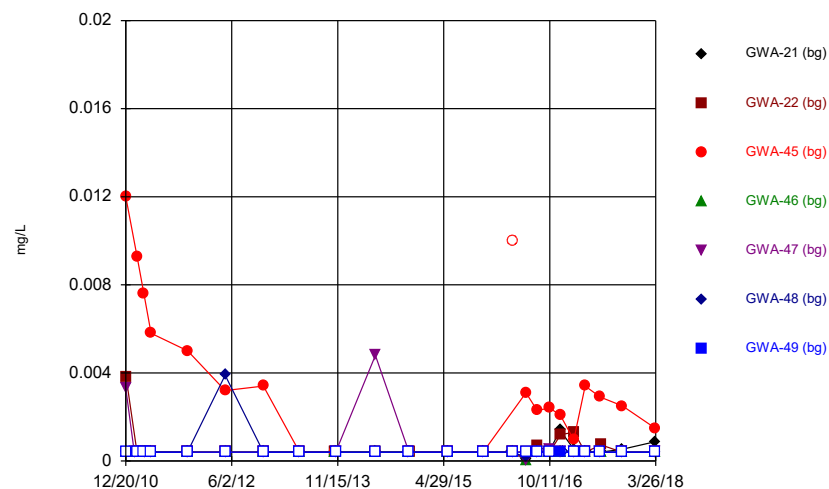
Constituent: Chromium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



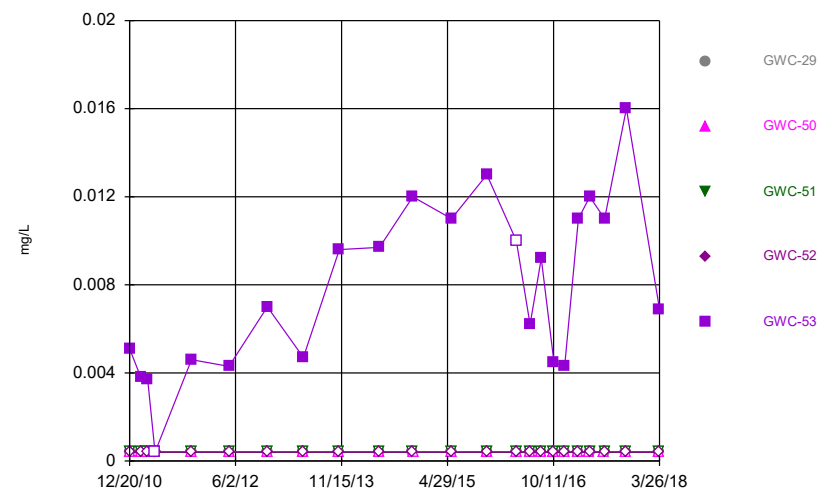
Constituent: Chromium, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



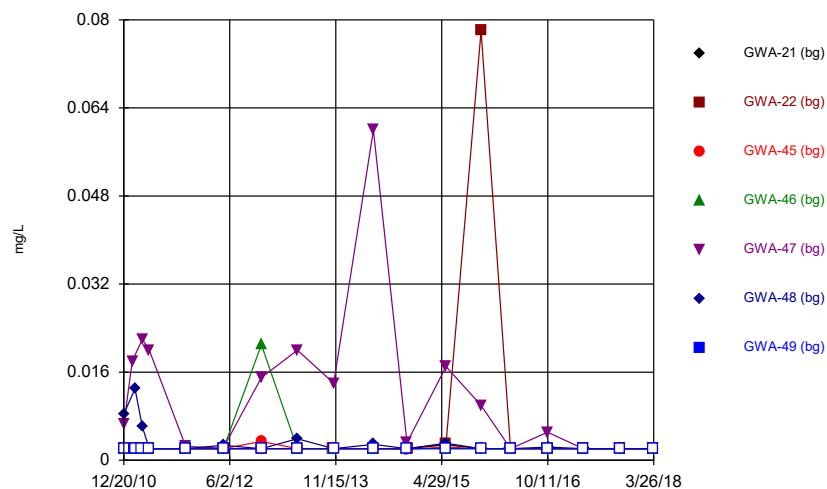
Constituent: Cobalt, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series

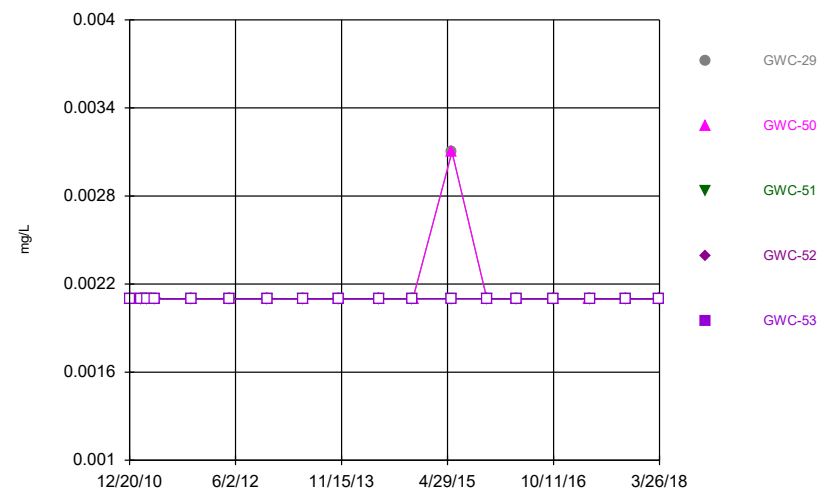


Constituent: Cobalt, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

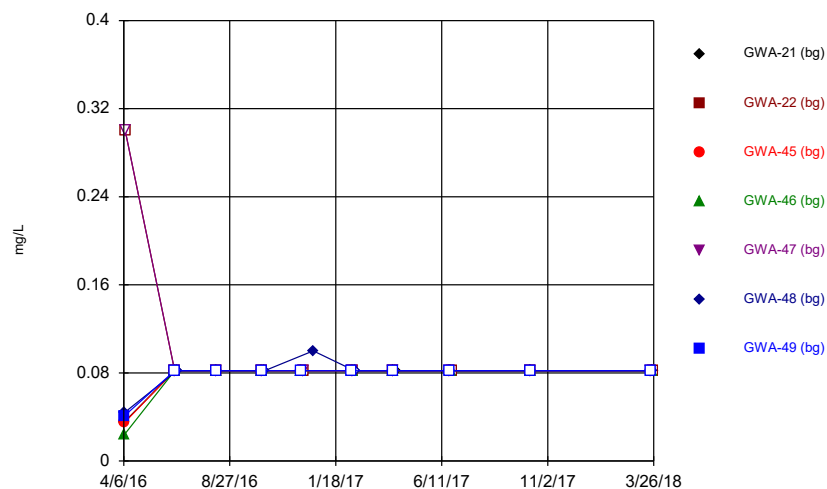
Time Series



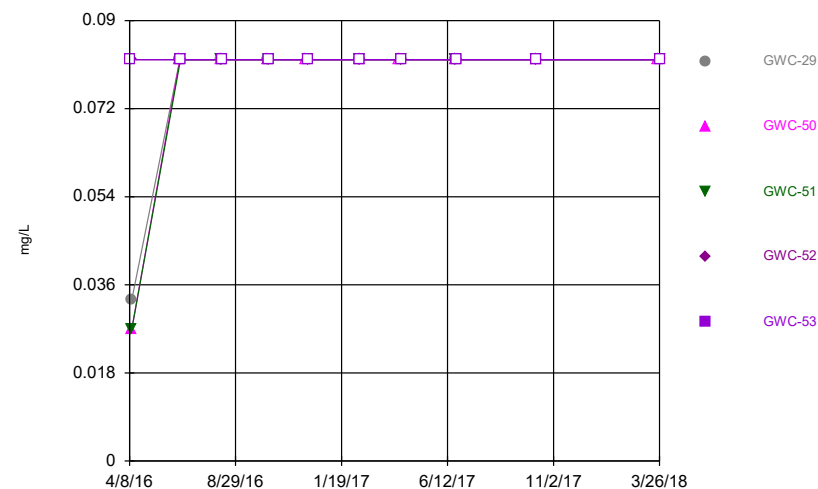
Time Series



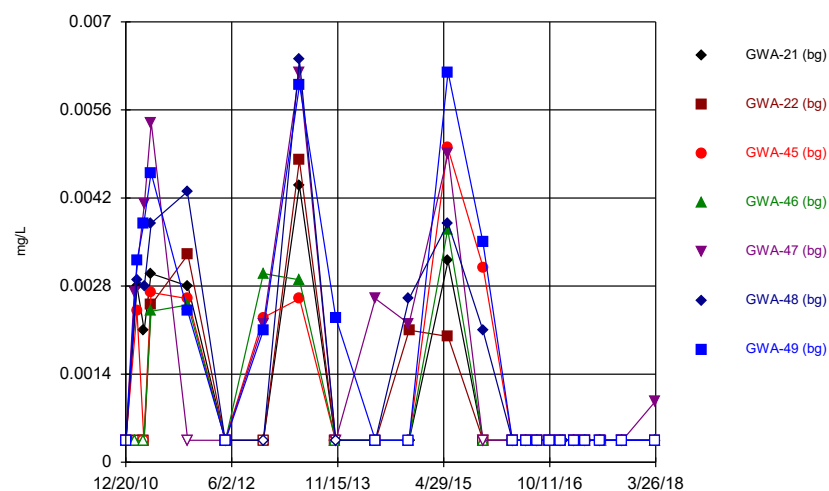
Time Series



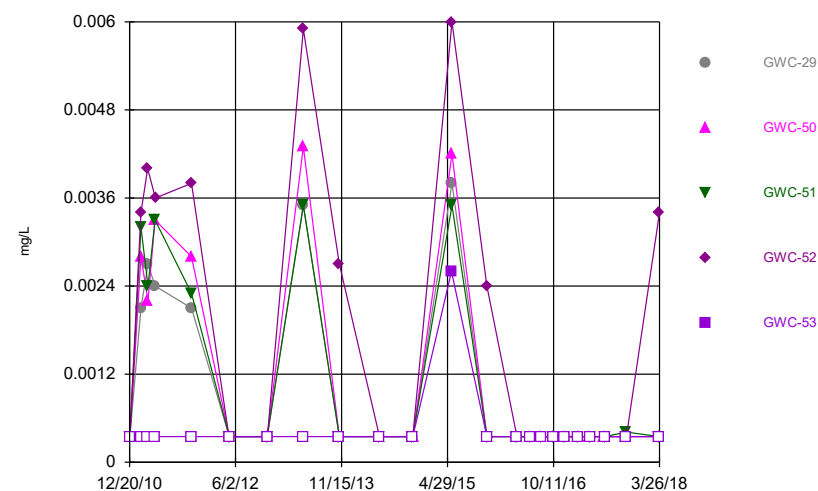
Time Series



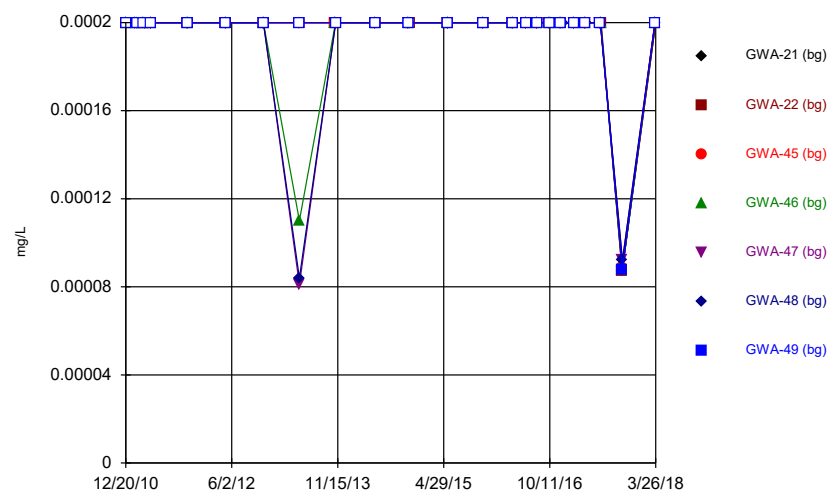
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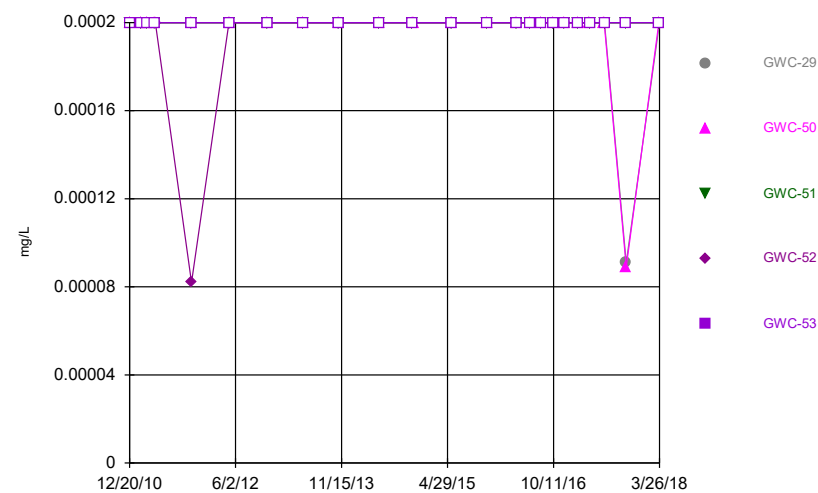
Time Series



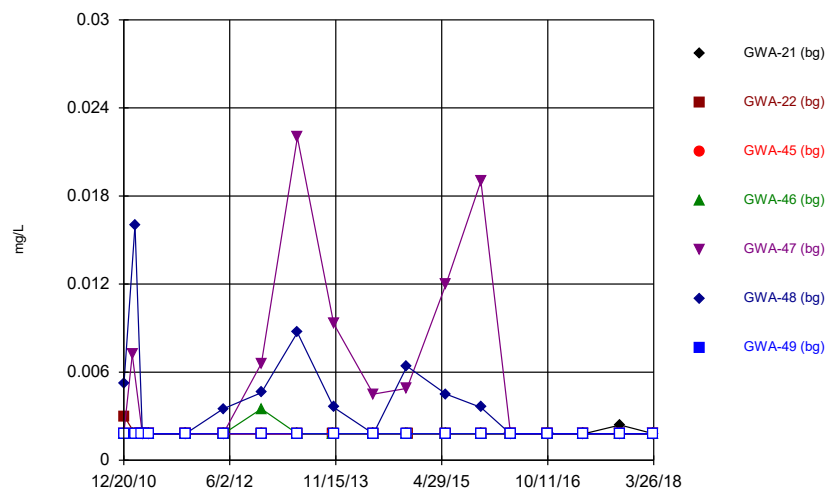
Time Series



Time Series

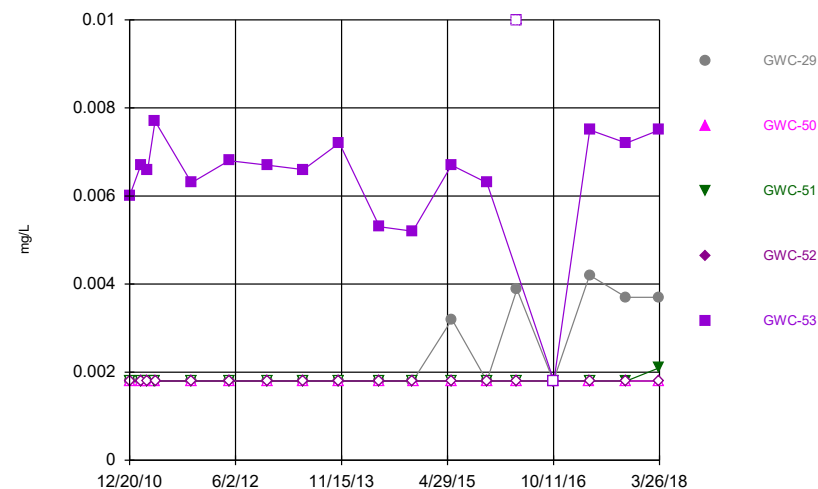


Time Series



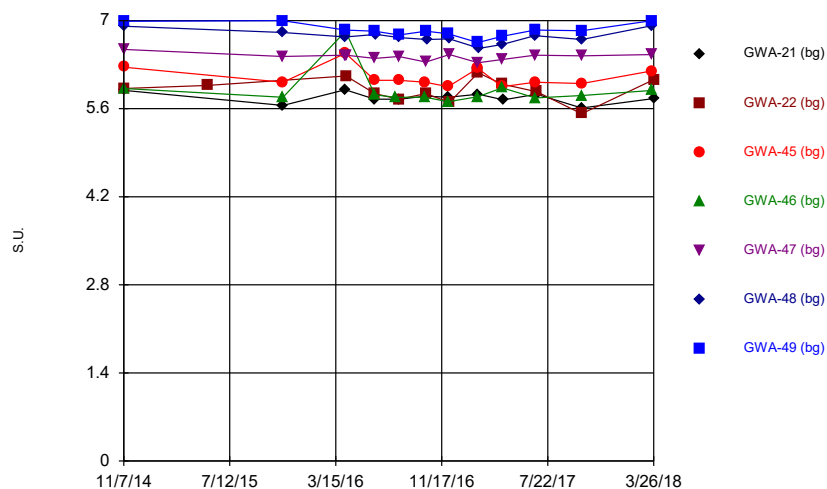
Constituent: Nickel, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



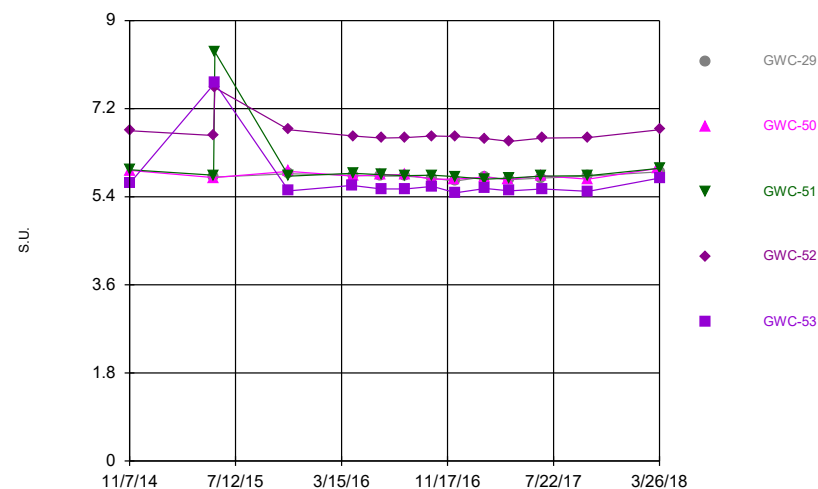
Constituent: Nickel, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



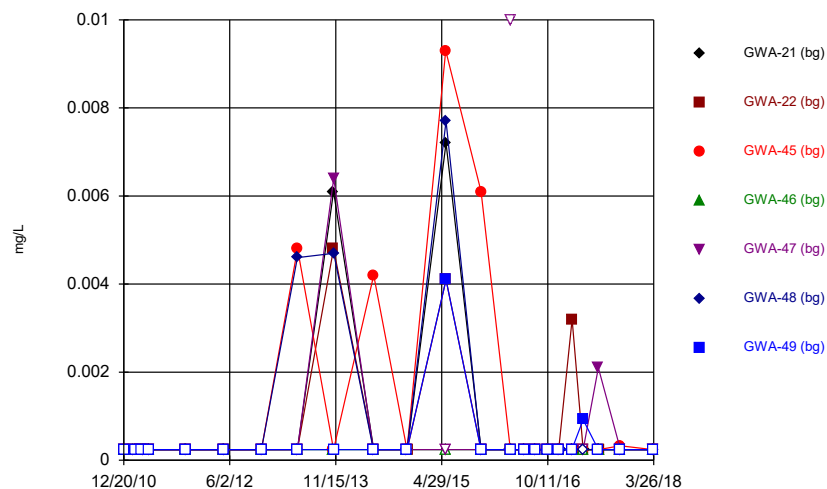
Constituent: pH Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series

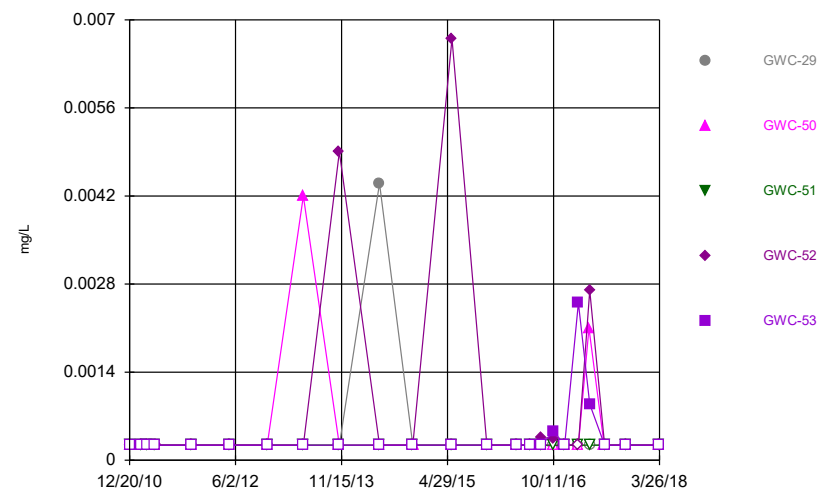


Constituent: pH Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

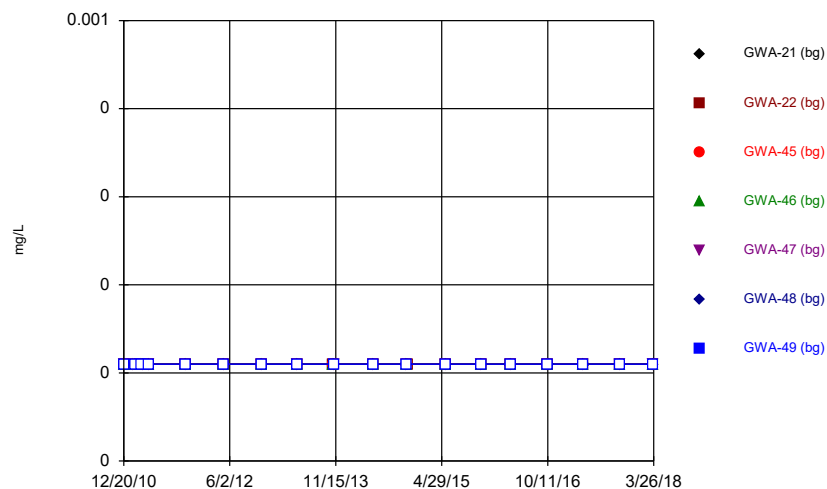
Time Series



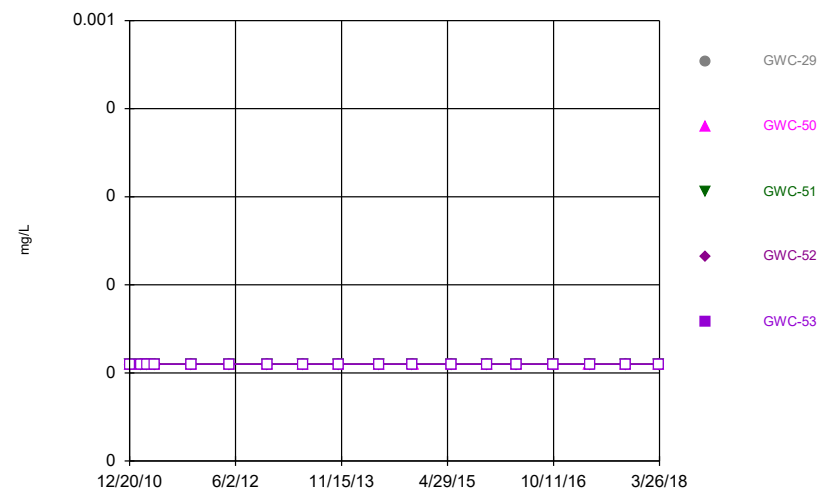
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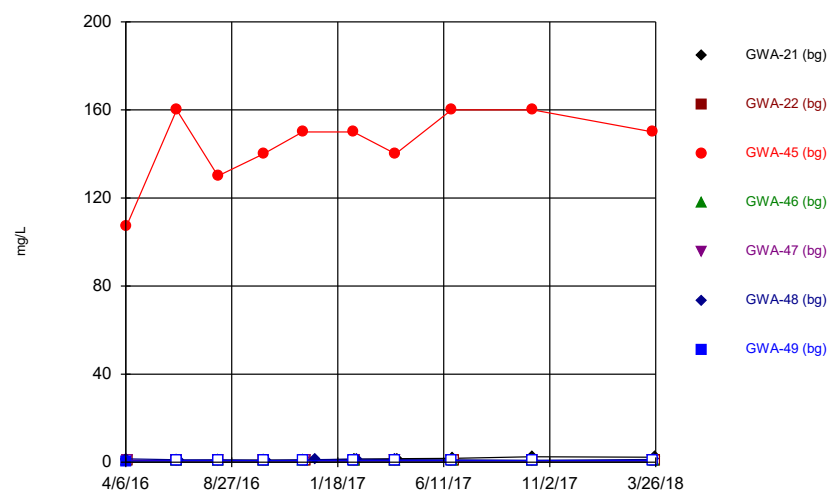
Time Series



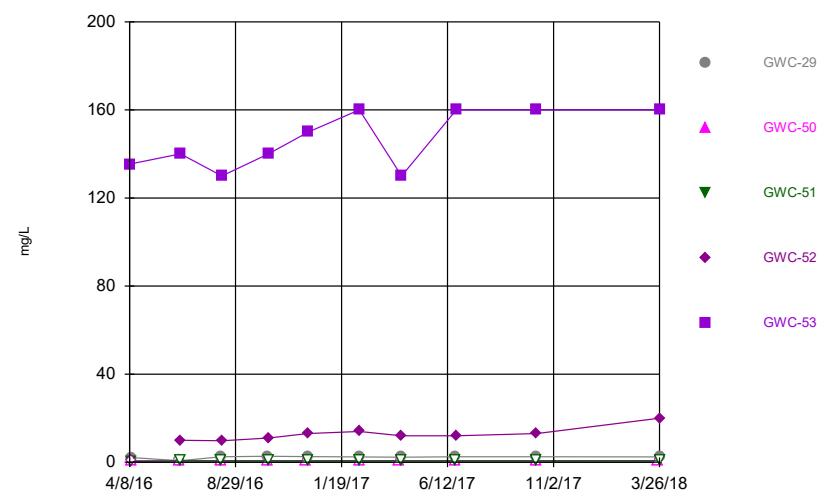
Time Series



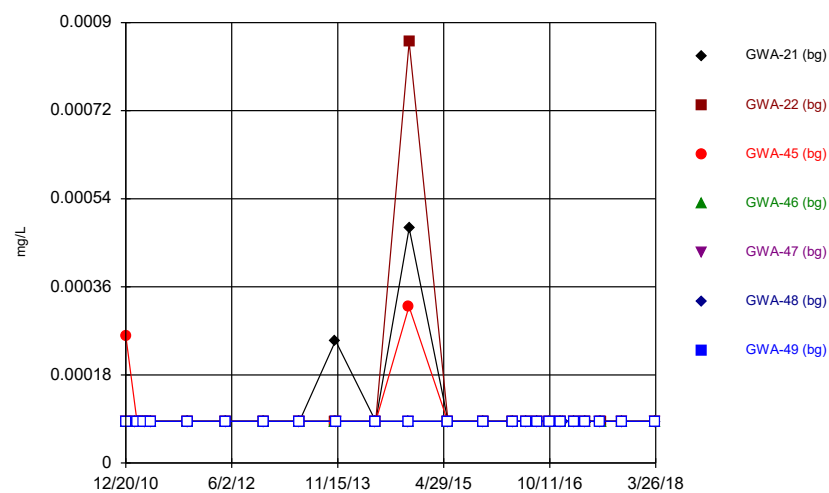
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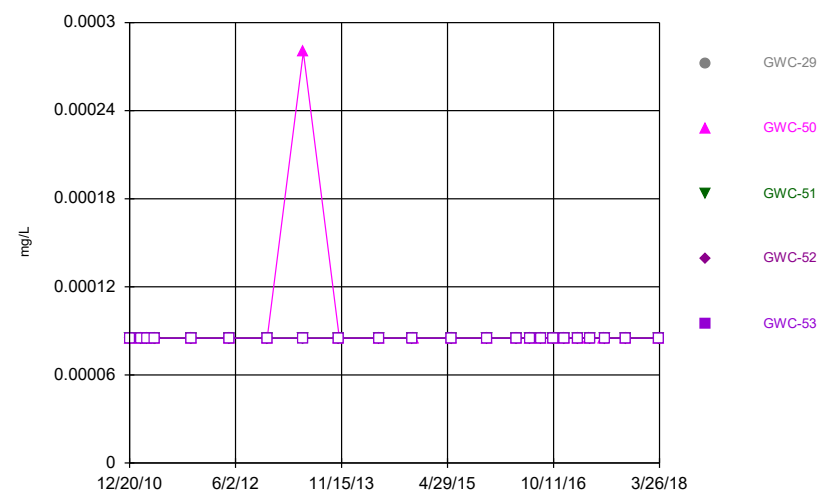
Time Series



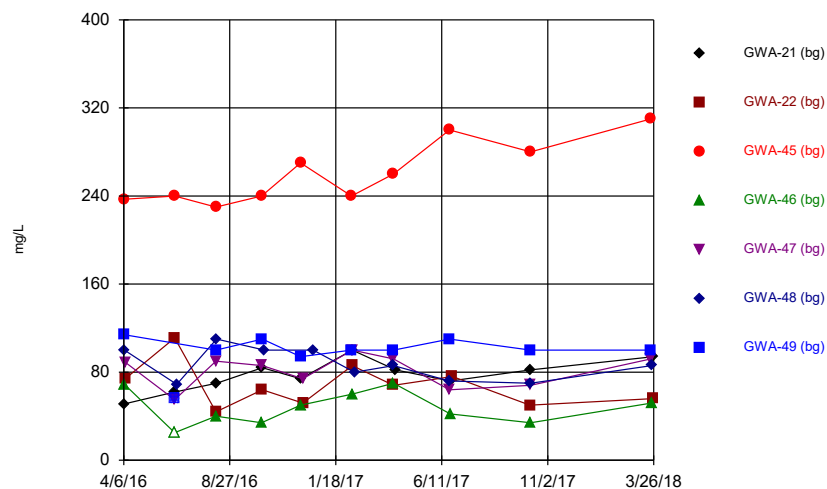
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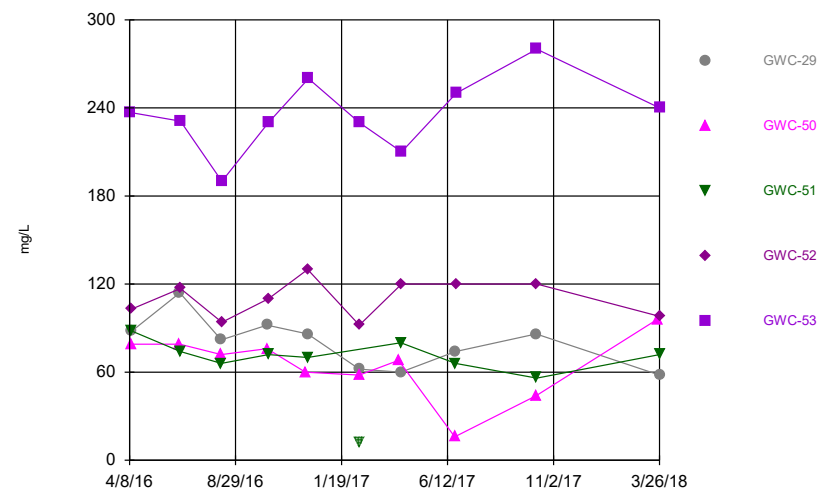
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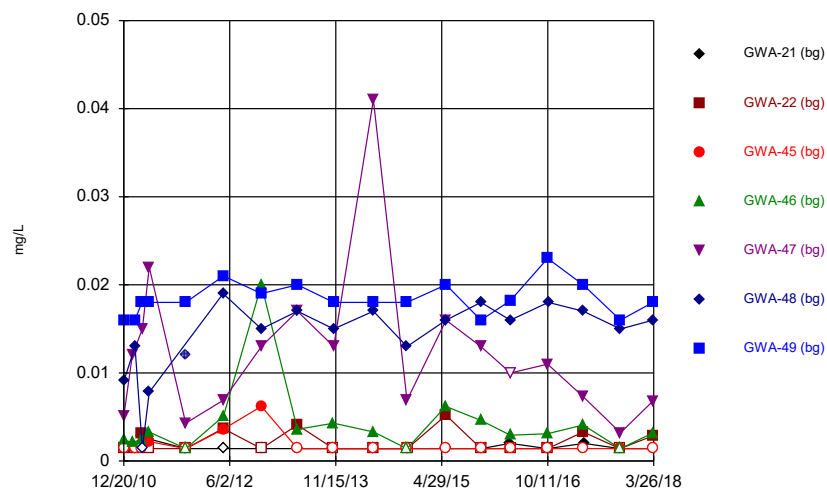
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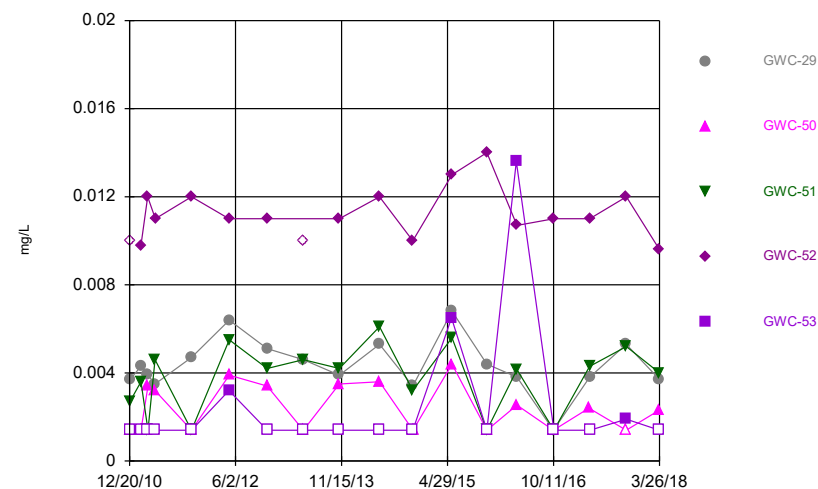
Time Series



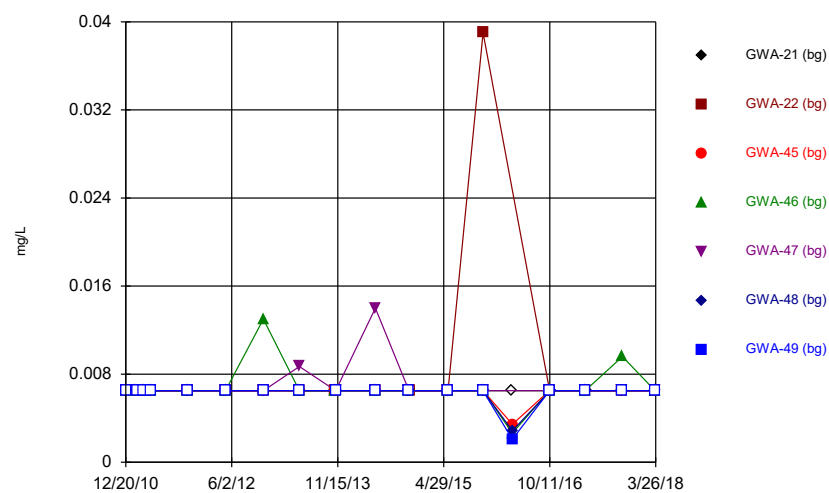
Time Series



Time Series

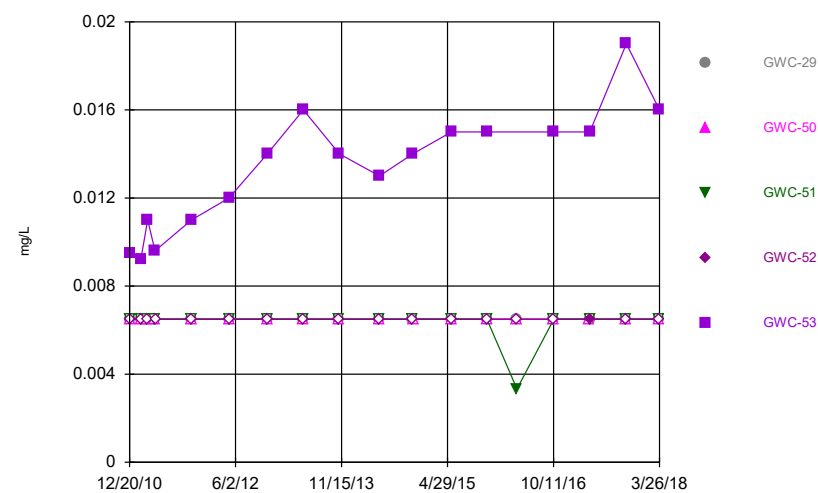


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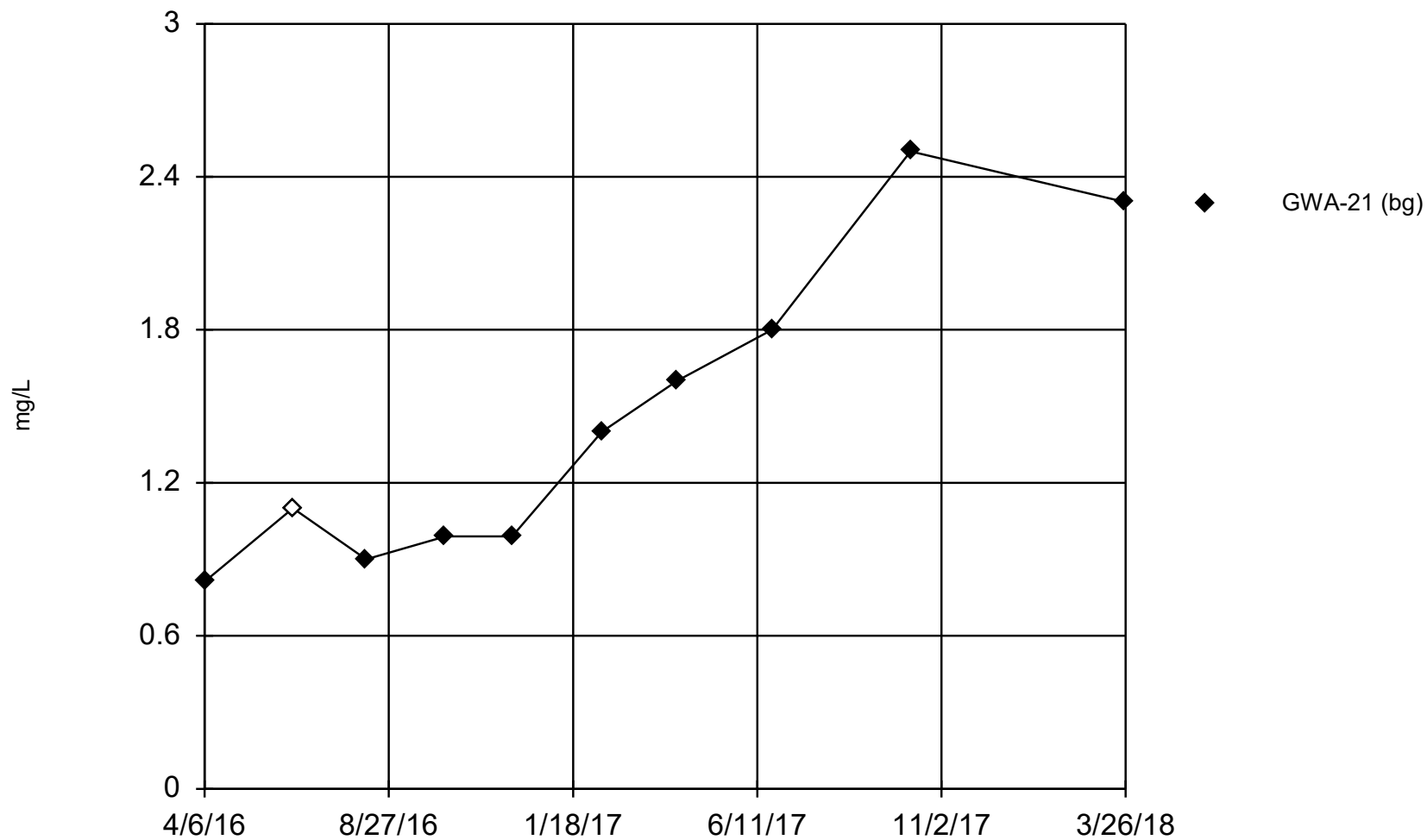
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



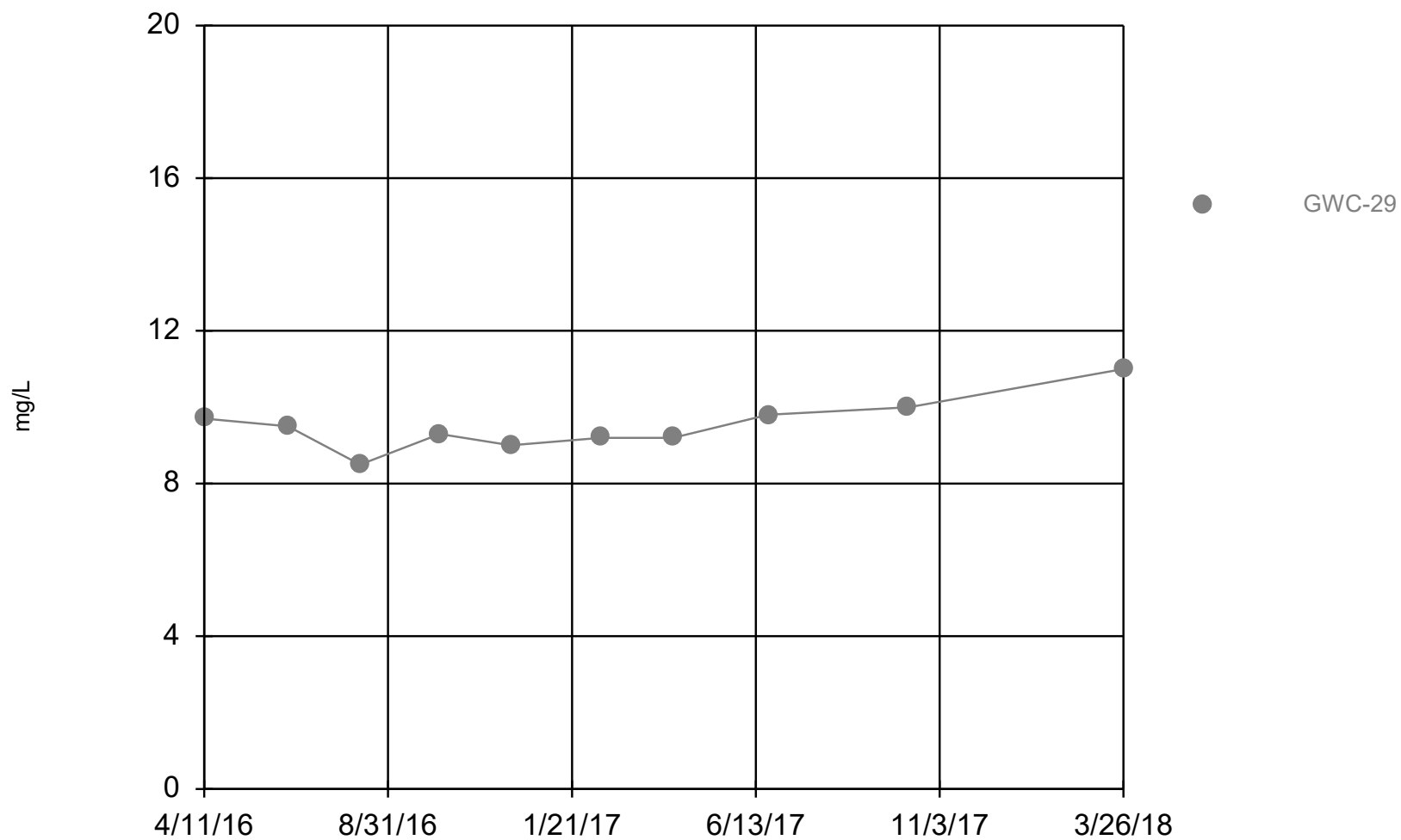
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



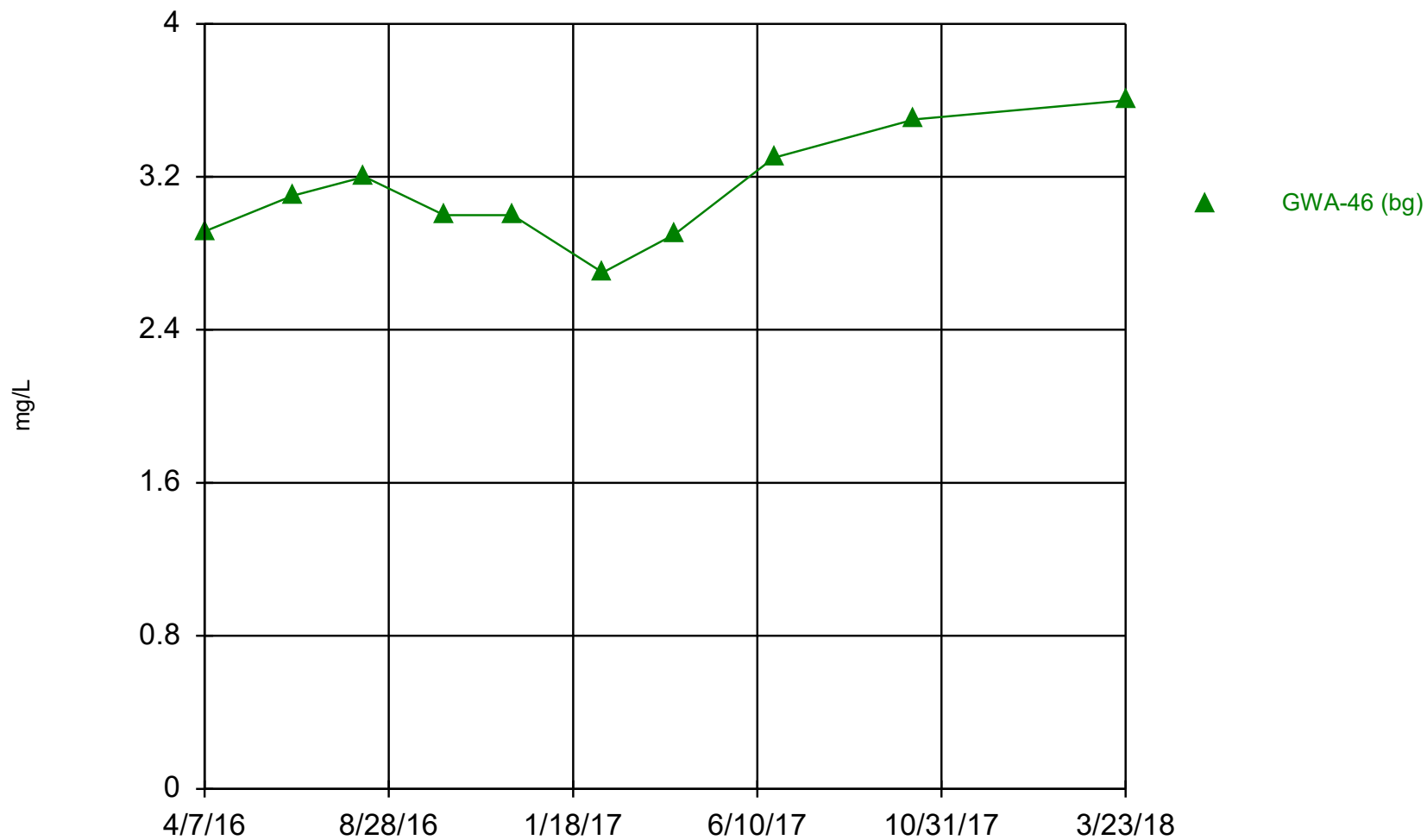
Constituent: Sulfate Analysis Run 8/23/2018 1:14 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



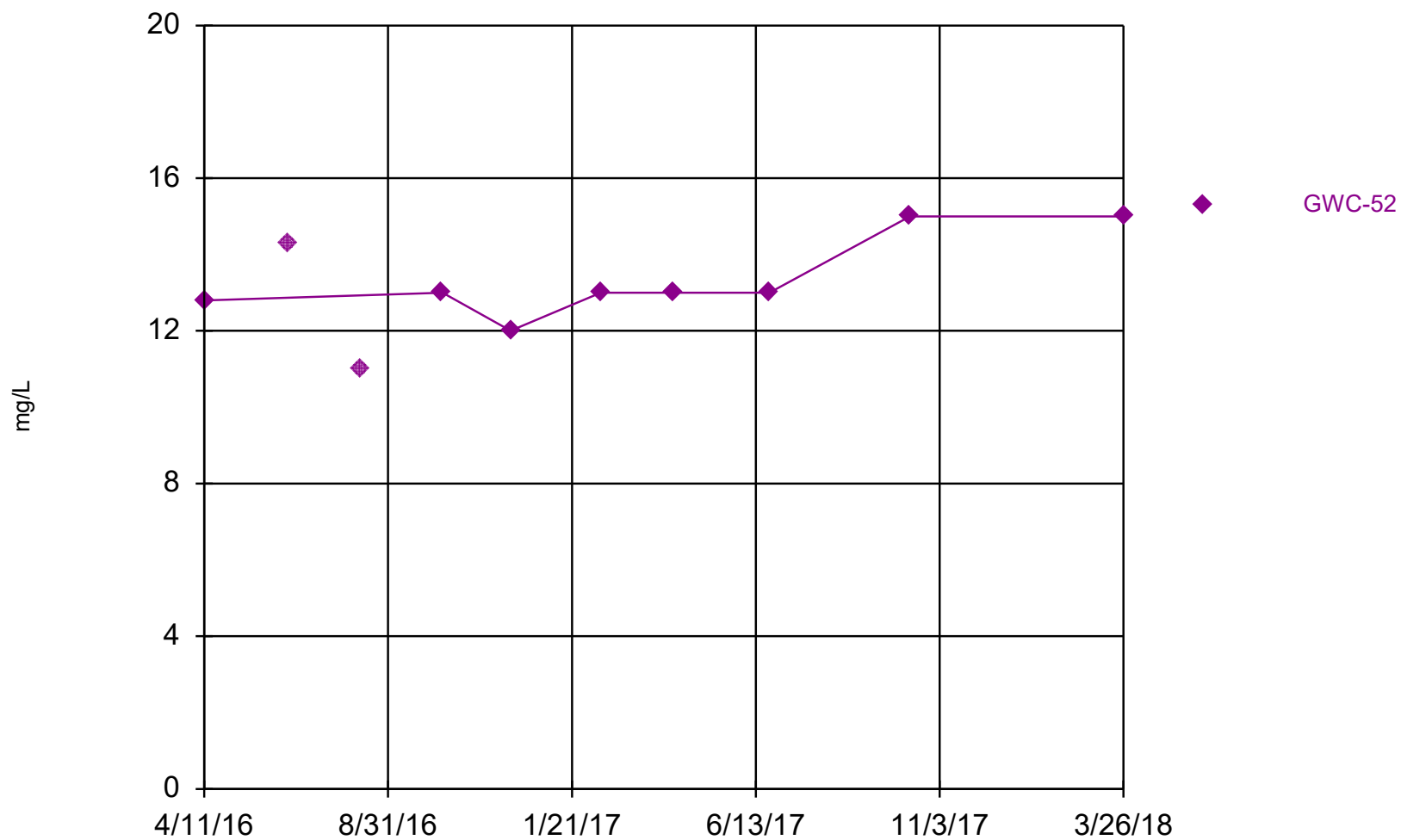
Constituent: Calcium Analysis Run 8/23/2018 1:14 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



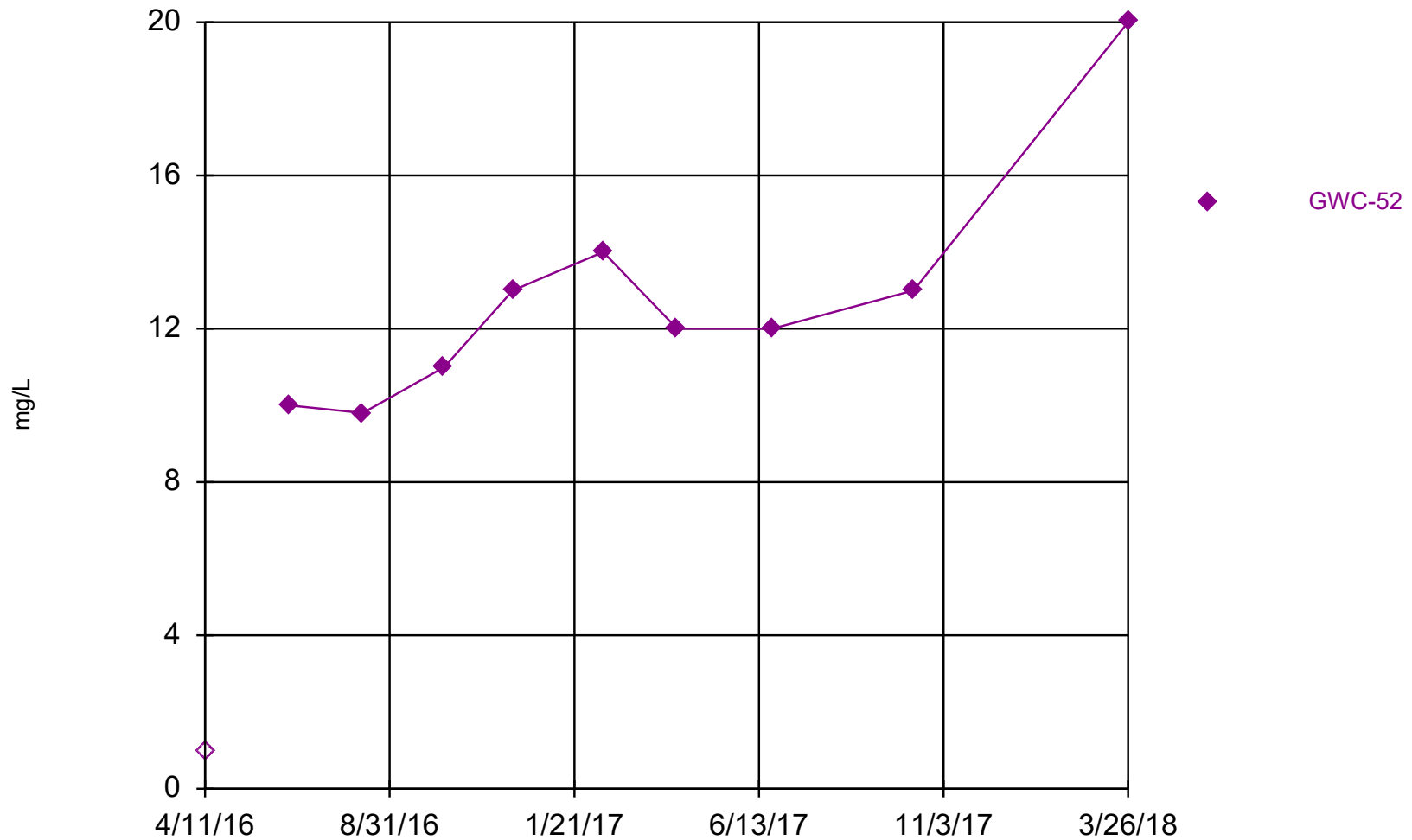
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



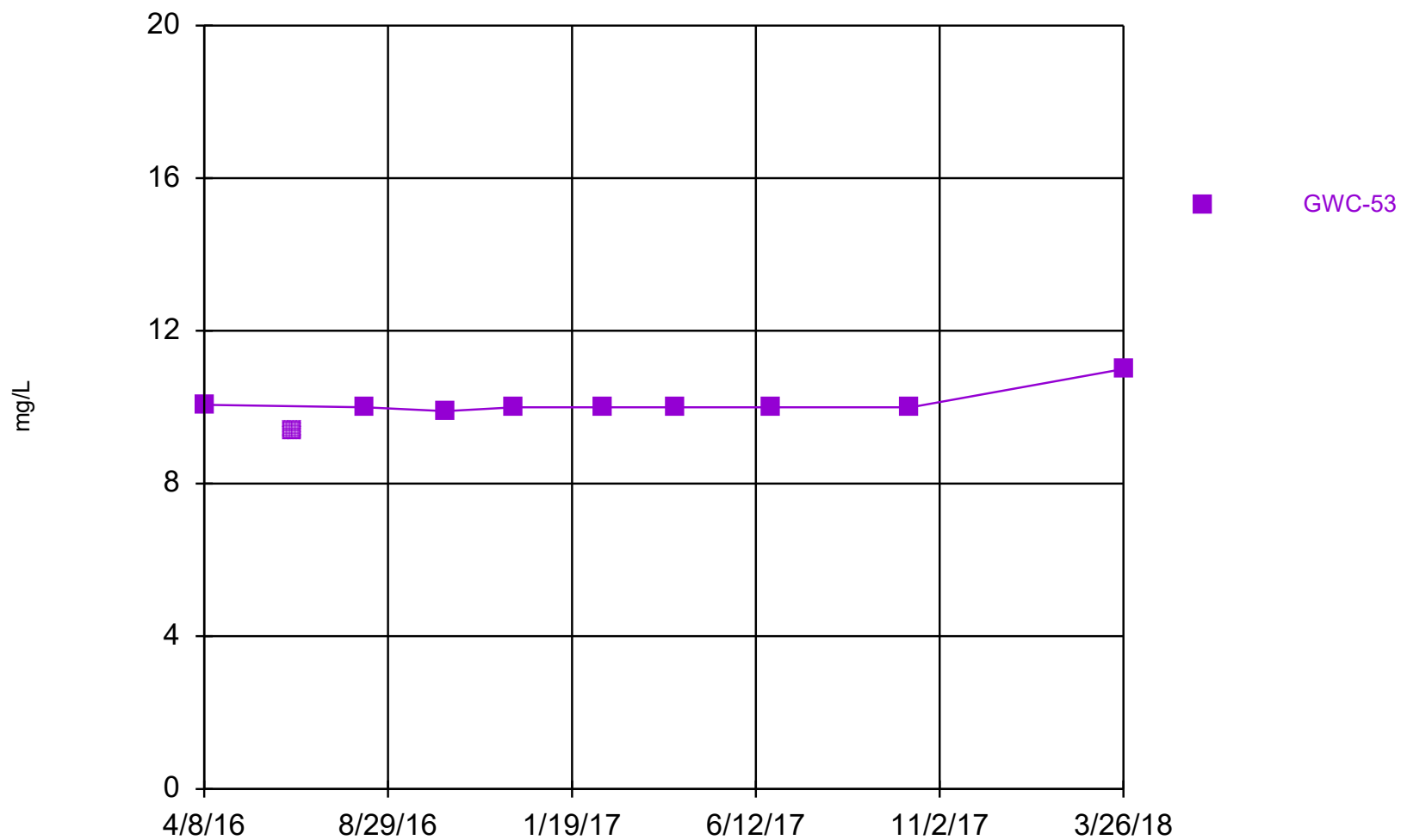
Constituent: Calcium Analysis Run 8/23/2018 1:16 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Sulfate Analysis Run 8/23/2018 1:16 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Chloride Analysis Run 8/23/2018 1:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

APPENDIX B

STATISTICAL ANALYSES

STATISTICAL ANALYSES

CELL 1

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Calcium (mg/L)	GWC-4	14.96	n/a	3/21/2018	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	3/22/2018	15	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-9	18.99	n/a	3/21/2018	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	3/21/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Copper (mg/L)	GWC-9	0.0025	n/a	3/21/2018	0.0038	Yes	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.0025	n/a	3/20/2018	0.04	Yes	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-15	1	n/a	3/20/2018	1.2	Yes	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	3/21/2018	160	Yes	7	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWA-15	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-16	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-17	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-1	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-2	1	n/a	3/20/2018	1ND	No	19	100	n/a	0.004832	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-3	1	n/a	3/21/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-4	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-6	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-7	1	n/a	3/22/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-8A	1	n/a	3/22/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-9	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-10	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-11	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-12	1	n/a	3/21/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-13	1	n/a	3/22/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-14	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-18	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-19	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-20	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-15	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-16	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-17	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-1	0.79	n/a	3/20/2018	0.46ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-2	0.46	n/a	3/20/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-3	1.3	n/a	3/21/2018	0.89	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-4	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-6	0.46	n/a	3/21/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-7	0.46	n/a	3/22/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-8A	1.4	n/a	3/22/2018	0.75	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-9	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-10	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-11	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-12	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-13	0.46	n/a	3/22/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-14	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-18	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-19	0.46	n/a	3/20/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-20	1.3	n/a	3/21/2018	0.78	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Barium, Total (ug/L)	GWA-15	12.88	n/a	3/20/2018	10	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-16	32.77	n/a	3/20/2018	23	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-17	51.02	n/a	3/20/2018	27	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-1	60.53	n/a	3/20/2018	42	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-2	54.93	n/a	3/20/2018	45	No	20	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-3	27.93	n/a	3/21/2018	18ND	No	20	0	x^(1/3)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-4	50.06	n/a	3/21/2018	45	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-6	69.2	n/a	3/21/2018	56	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-7	43.42	n/a	3/22/2018	35	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-8A	123.3	n/a	3/22/2018	19	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-9	37.54	n/a	3/21/2018	21ND	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-10	32.84	n/a	3/21/2018	28ND	No	22	4.545	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium, Total (ug/L)	GWC-11	19.17	n/a	3/21/2018	16ND	No	21	4.762	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-12	19.8	n/a	3/21/2018	17ND	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-13	44.36	n/a	3/22/2018	34	No	22	0	ln(x)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-14	11.13	n/a	3/20/2018	9.1	No	20	5	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-18	43.33	n/a	3/20/2018	33	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-19	20.15	n/a	3/20/2018	19	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-20	37.01	n/a	3/21/2018	30ND	No	22	0	No	0.000...	Param Intra 1 of 2
Beryllium, Total (ug/L)	GWA-15	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-16	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-17	2.1	n/a	3/20/2018	0.34ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-1	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-2	0.34	n/a	3/20/2018	0.34ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-3	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-4	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-6	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-7	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-8A	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-9	0.34	n/a	3/21/2018	0.34ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-10	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-11	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-12	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-13	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-14	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-18	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-19	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-20	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-15	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.021	n/a	3/20/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3593	n/a	3/22/2018	0.25	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1437	n/a	3/21/2018	0.089	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-15	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-16	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-17	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-1	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-2	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Cadmium, Total (ug/L)	GWC-3	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-4	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-6	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-7	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-8A	1.6	n/a	3/22/2018	0.34ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-9	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-10	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-11	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-12	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-13	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-14	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-18	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-19	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-20	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.889	n/a	3/20/2018	4.2	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.27	n/a	3/20/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.172	n/a	3/20/2018	6.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.91	n/a	3/20/2018	18	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	21.36	n/a	3/20/2018	18	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.32	n/a	3/21/2018	9.3	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	14.96	n/a	3/21/2018	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	20.84	n/a	3/21/2018	19	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	3/22/2018	15	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-8A	39.47	n/a	3/22/2018	30	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	18.99	n/a	3/21/2018	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	18.83	n/a	3/21/2018	17	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	15.18	n/a	3/21/2018	13	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.371	n/a	3/21/2018	1.3	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	6.805	n/a	3/22/2018	6.8	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.363	n/a	3/20/2018	6.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	12.34	n/a	3/20/2018	11	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	12.87	n/a	3/20/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	16.3	n/a	3/21/2018	14	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	5.716	n/a	3/20/2018	5.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	2.222	n/a	3/20/2018	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.026	n/a	3/20/2018	1.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.71	n/a	3/20/2018	3.9	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.613	n/a	3/20/2018	2	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.786	n/a	3/21/2018	3.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	3/21/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.831	n/a	3/21/2018	5.4	No	7	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	1.8	n/a	3/22/2018	1.6	No	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWC-8A	8.25	n/a	3/22/2018	7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.524	n/a	3/21/2018	3.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.453	n/a	3/21/2018	2.3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-11	2.099	n/a	3/21/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.096	n/a	3/21/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	2.118	n/a	3/22/2018	1.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.378	n/a	3/20/2018	2.7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.69	n/a	3/20/2018	2.3	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	GWC-19	1.9	n/a	3/20/2018	1.6	No	8	0	n/a	0.02144	NP Intra (normality) ...
Chloride (mg/L)	GWC-20	2.328	n/a	3/21/2018	1.8	No	7	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-15	3.6	n/a	3/20/2018	1.1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWA-16	9.391	n/a	3/20/2018	4.4	No	21	4.762	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-17	11.81	n/a	3/20/2018	6	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-1	19.71	n/a	3/20/2018	13	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-2	14.31	n/a	3/20/2018	9.9	No	21	4.762	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-3	22	n/a	3/21/2018	9.3ND	No	21	0	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-4	11.36	n/a	3/21/2018	6.2ND	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-6	14.36	n/a	3/21/2018	12ND	No	22	4.545	ln(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-7	17.83	n/a	3/22/2018	8.6	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-8A	41.74	n/a	3/22/2018	7.9	No	22	27.27	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-9	13.11	n/a	3/21/2018	4.6ND	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-10	21.47	n/a	3/21/2018	17	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-11	12	n/a	3/21/2018	8.1ND	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-12	3.202	n/a	3/21/2018	2.5ND	No	21	42.86	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-13	8.978	n/a	3/22/2018	28	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-14	3.6	n/a	3/20/2018	1.1ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWC-18	20	n/a	3/20/2018	14	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-19	16	n/a	3/20/2018	9.7	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-20	15.75	n/a	3/21/2018	8.5ND	No	22	4.545	No	0.000...	Param Intra 1 of 2
Cobalt, Total (ug/L)	GWA-15	2.5	n/a	3/20/2018	1.8	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-16	3	n/a	3/20/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-17	0.4	n/a	3/20/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-1	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-2	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-3	3.7	n/a	3/21/2018	0.4ND	No	22	77.27	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-4	0.68	n/a	3/21/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-6	0.4	n/a	3/21/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-7	0.4	n/a	3/22/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-8A	6.8	n/a	3/22/2018	0.4ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-9	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-10	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-11	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-12	0.49	n/a	3/21/2018	0.4ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-13	0.4	n/a	3/22/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-14	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-18	3.2	n/a	3/20/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-19	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-20	0.5	n/a	3/21/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-15	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.012	n/a	3/21/2018	0.0021ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0037	n/a	3/21/2018	0.0021ND	No	17	47.06	n/a	0.005914	NP Intra (normality) ...
Copper (mg/L)	GWC-6	0.0037	n/a	3/21/2018	0.0021ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.008	n/a	3/22/2018	0.0021ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.2355	n/a	3/22/2018	0.0021ND	No	17	5.882	sqrt(x)	0.000...	Param Intra 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Copper (mg/L)	GWC-9	0.0025	n/a	3/21/2018	0.0038	Yes	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	3/22/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	3/20/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	3/20/2018	0.0021ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	3/21/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-15	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1087	n/a	3/20/2018	0.082ND	No	8	37.5	x^3	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1871	n/a	3/21/2018	0.094	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-6	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	3/22/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2403	n/a	3/22/2018	0.091	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.083	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-15	0.35	n/a	3/20/2018	0.35ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-16	5.1	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-17	3.4	n/a	3/20/2018	0.35ND	No	22	72.73	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-1	8.5	n/a	3/20/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-2	6.3	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-3	11	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-4	6.2	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-6	6.7	n/a	3/21/2018	0.35ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-7	6.4	n/a	3/22/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-8A	23	n/a	3/22/2018	0.35ND	No	22	45.45	n/a	0.003707	NP Intra (normality) ...
Lead, Total (ug/L)	GWC-9	6.9	n/a	3/21/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-10	7	n/a	3/21/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-11	5.1	n/a	3/21/2018	0.35ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-12	0.35	n/a	3/21/2018	0.35ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-13	3.6	n/a	3/22/2018	0.35ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-14	2.8	n/a	3/20/2018	0.35ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-18	5.2	n/a	3/20/2018	0.35ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-19	5.6	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-20	5.6	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.00014	n/a	3/20/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	3/20/2018	0.0002ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Mercury (mg/L)	GWC-1	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.00014	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	3/21/2018	0.0002ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	3/21/2018	0.0002ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	3/22/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	3/22/2018	0.0002ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.000088	n/a	3/21/2018	0.00007ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.00011	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.00019	n/a	3/21/2018	0.00007ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.00007	n/a	3/21/2018	0.00007ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	3/22/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.00016	n/a	3/20/2018	0.00007ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.000089	n/a	3/20/2018	0.00007ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0001	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.0025	n/a	3/20/2018	0.04	Yes	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0018	n/a	3/20/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0086	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0033	n/a	3/20/2018	0.0018ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0093	n/a	3/21/2018	0.0022	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0021	n/a	3/21/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	3/21/2018	0.0018ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	3/22/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0093	n/a	3/22/2018	0.0018ND	No	17	41.18	n/a	0.005914	NP Intra (normality) ...
Nickel (mg/L)	GWC-9	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	3/21/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.0018	n/a	3/22/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.0018	n/a	3/20/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.0045	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.01	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.0063	n/a	3/21/2018	0.0018ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.807	5.203	3/20/2018	5.48	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.627	6.136	3/20/2018	6.36	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.446	5.482	3/20/2018	5.97	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.798	6.212	3/20/2018	6.63	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-2	7	6.36	3/20/2018	6.52	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-3	6.149	5.684	3/21/2018	5.96	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.542	6.069	3/21/2018	6.23	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.371	5.996	3/21/2018	6.21	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-7	6.473	6.162	3/22/2018	6.34	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-8A	7.11	6.24	3/22/2018	7.05	No	15	0	n/a	0.01507	NP Intra (normality) ...
pH (S.U.)	GWC-9	6.938	6.202	3/21/2018	6.76	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.661	5.969	3/21/2018	6.56	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.414	5.919	3/21/2018	6.21	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.48	4.77	3/21/2018	5.33	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-13	6.138	5.588	3/22/2018	5.88	No	13	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
pH (S.U.)	GWC-14	5.869	5.296	3/20/2018	5.73	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.488	6.11	3/20/2018	6.34	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.51	6.35	3/20/2018	6.37	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-20	6.734	6.281	3/21/2018	6.5	No	12	0	No	0.000...	Param Intra 1 of 2
Selenium, Total (ug/L)	GWA-15	1.3	n/a	3/20/2018	1.3ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-16	4.3	n/a	3/20/2018	0.24ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-17	4.4	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-1	5.3	n/a	3/20/2018	1.3ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-2	4.5	n/a	3/20/2018	1.3ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-3	0.36	n/a	3/21/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-4	1.3	n/a	3/21/2018	1.3ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-6	7	n/a	3/21/2018	1.3ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-7	5.3	n/a	3/22/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-8A	4.5	n/a	3/22/2018	0.32	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-9	6.5	n/a	3/21/2018	1.3ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-10	4.6	n/a	3/21/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-11	5	n/a	3/21/2018	0.24ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-12	4	n/a	3/21/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-13	0.24	n/a	3/22/2018	0.24ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-14	5.2	n/a	3/20/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-18	4.1	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-19	4.4	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-20	0.24	n/a	3/21/2018	0.24ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-15	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-16	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-17	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.00012	n/a	3/20/2018	0.00011ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.00012	n/a	3/21/2018	0.00011ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-15	1	n/a	3/20/2018	1.2	Yes	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	3/20/2018	0.95	No	8	50	n/a	0.02144	NP Intra (normality) ...
Sulfate (mg/L)	GWC-2	0.7	n/a	3/20/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	3/21/2018	0.7ND	No	8	62.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.614	n/a	3/21/2018	4.9	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	18.51	n/a	3/21/2018	9.5	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Sulfate (mg/L)	GWC-7	0.7	n/a	3/22/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	46.61	n/a	3/22/2018	39	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	19.63	n/a	3/21/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.355	n/a	3/21/2018	1.1	No	8	37.5	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	0.7	n/a	3/21/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	0.7	n/a	3/21/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	0.7	n/a	3/22/2018	0.7ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	0.7	n/a	3/20/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	0.7	n/a	3/21/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-15	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-16	0.3	n/a	3/20/2018	0.085ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-17	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-1	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-2	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-3	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-4	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-6	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-7	0.27	n/a	3/22/2018	0.085ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-8A	0.085	n/a	3/22/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-9	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-10	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-11	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-12	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-13	0.085	n/a	3/22/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-14	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-18	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-19	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-20	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	73.77	n/a	3/20/2018	20	No	8	12.5	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-16	171.2	n/a	3/20/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-17	150.6	n/a	3/20/2018	90	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	170.8	n/a	3/20/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	207.6	n/a	3/20/2018	120	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-3	110.3	n/a	3/21/2018	98	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	3/21/2018	160	Yes	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	174.7	n/a	3/21/2018	170	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	160.7	n/a	3/22/2018	130	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	220.3	n/a	3/22/2018	220	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	217.1	n/a	3/21/2018	160	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	170.5	n/a	3/21/2018	120	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	361.1	n/a	3/21/2018	100	No	8	0	x^(1/3)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	207.8	n/a	3/21/2018	28	No	8	50	ln(x)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	98.85	n/a	3/22/2018	76	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	98.65	n/a	3/20/2018	42	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	114	n/a	3/20/2018	92	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	165	n/a	3/20/2018	100	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	3/21/2018	100	No	8	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	3/20/2018	0.0014ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2

Prediction Limit

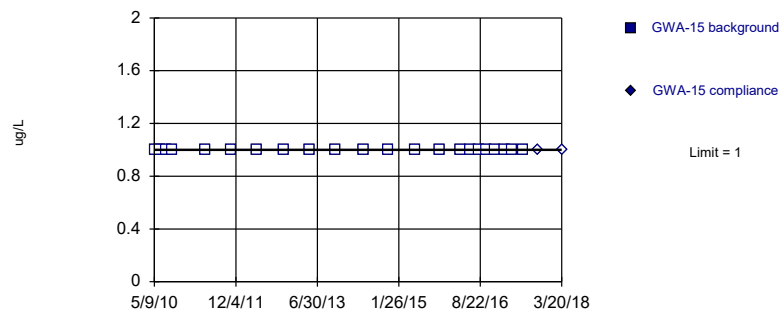
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Vanadium (mg/L)	GWA-16	0.01365	n/a	3/20/2018	0.0067	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.009845	n/a	3/20/2018	0.0041	No	17	23.53	sqrt(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02566	n/a	3/20/2018	0.016	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.02028	n/a	3/20/2018	0.014	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01144	n/a	3/21/2018	0.0097	No	16	6.25	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01268	n/a	3/21/2018	0.0058	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01045	n/a	3/21/2018	0.0077	No	14	7.143	x^2	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.0161	n/a	3/22/2018	0.012	No	15	6.667	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.1115	n/a	3/22/2018	0.0043	No	17	0	sqrt(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02519	n/a	3/21/2018	0.018	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.01799	n/a	3/21/2018	0.012	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.0139	n/a	3/21/2018	0.0098	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0032	n/a	3/21/2018	0.0014ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.004	n/a	3/22/2018	0.0014ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0026	n/a	3/20/2018	0.0014ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01207	n/a	3/20/2018	0.0064	No	17	5.882	ln(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01125	n/a	3/20/2018	0.0072	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02409	n/a	3/21/2018	0.021	No	17	5.882	No	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0073	n/a	3/20/2018	0.0065ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.018	n/a	3/21/2018	0.0065ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.0065	n/a	3/21/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0065	n/a	3/22/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.2896	n/a	3/22/2018	0.0065ND	No	17	11.76	sqrt(x)	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWC-9	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.02	n/a	3/21/2018	0.007	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	3/21/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0065	n/a	3/22/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0085	n/a	3/20/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



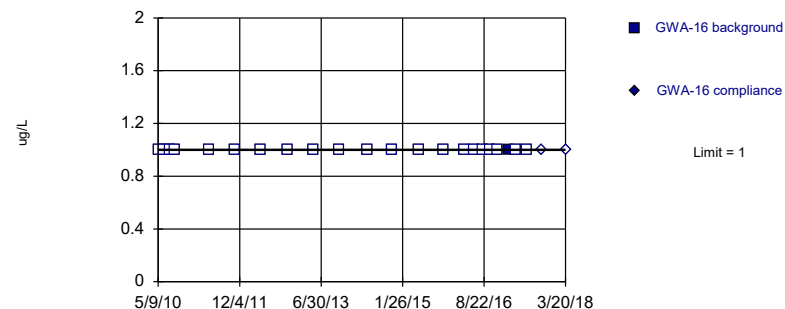
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



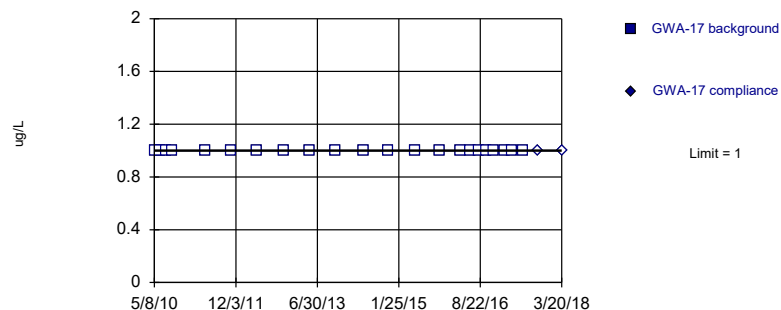
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



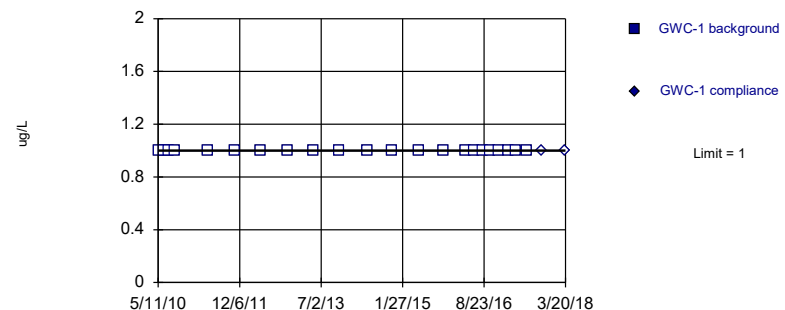
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Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit Intrawell Non-parametric

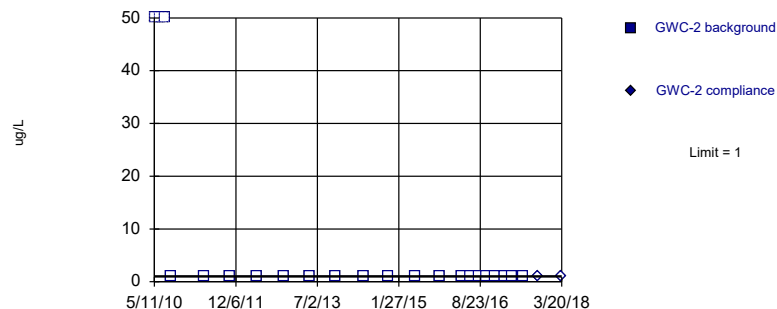


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

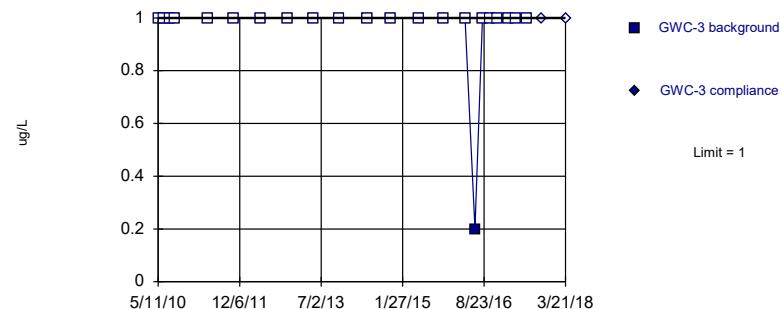


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

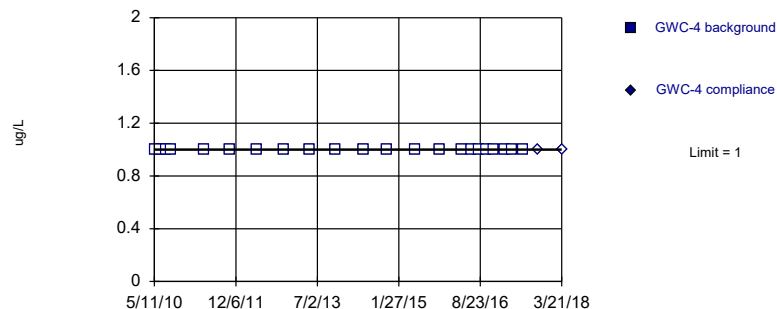


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

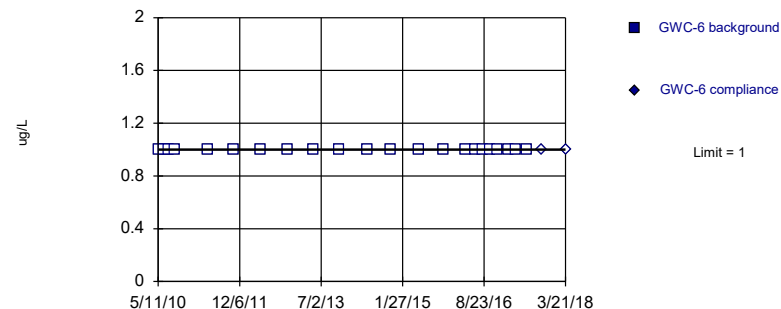


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

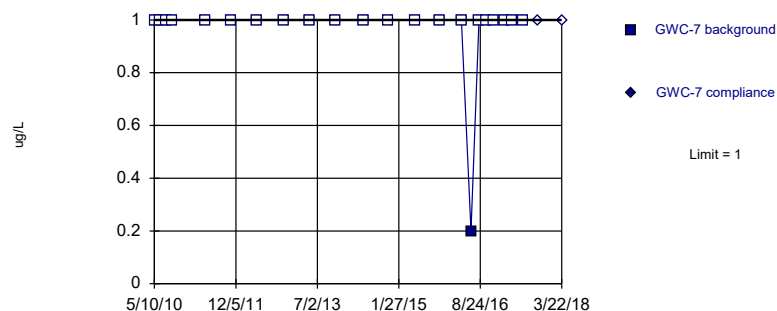


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

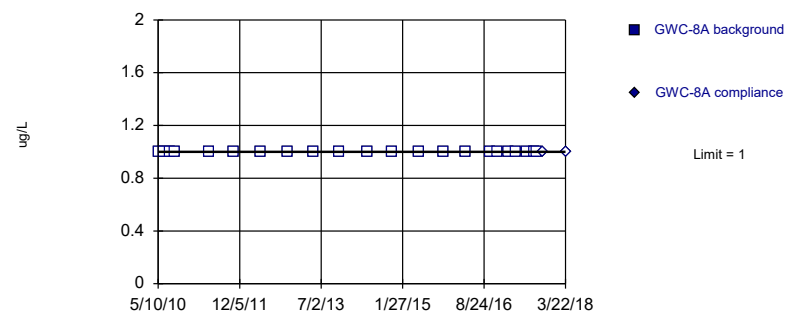


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

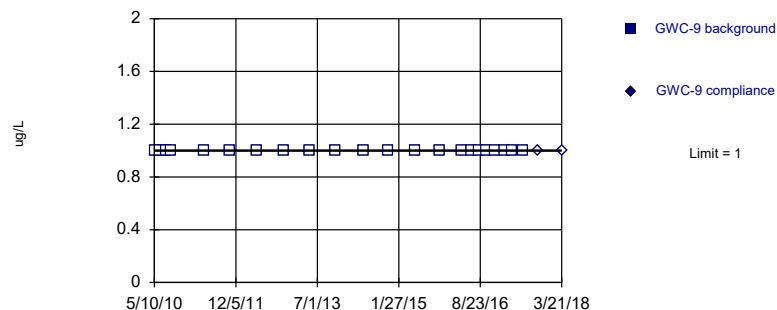


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

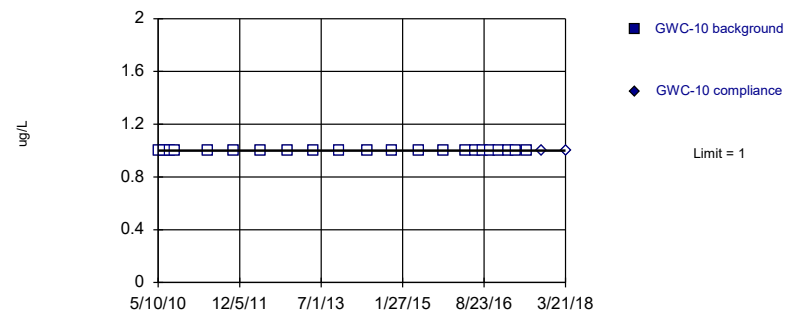


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



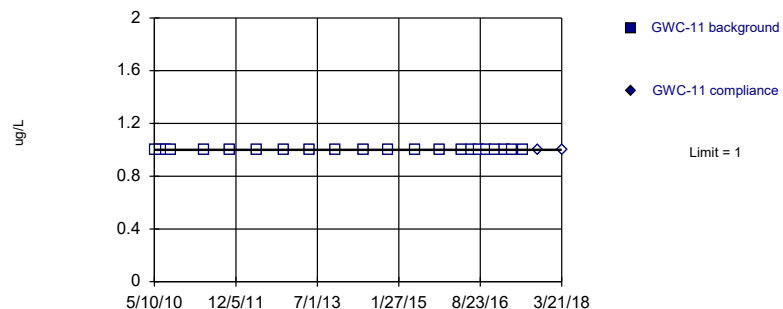
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



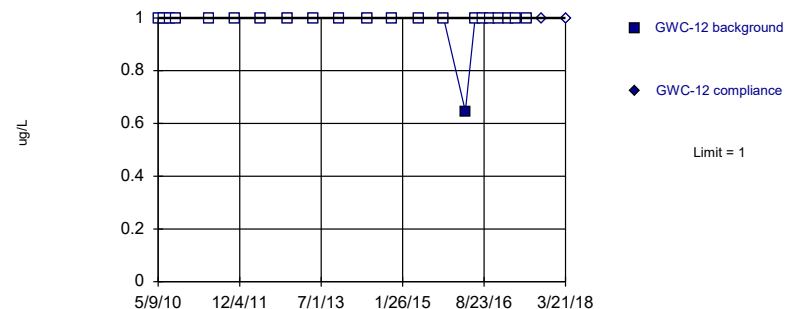
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



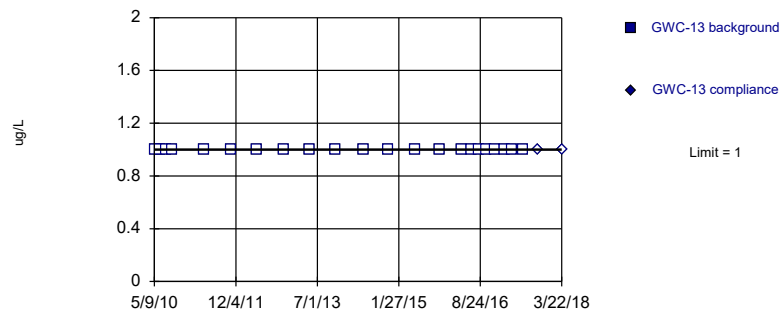
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



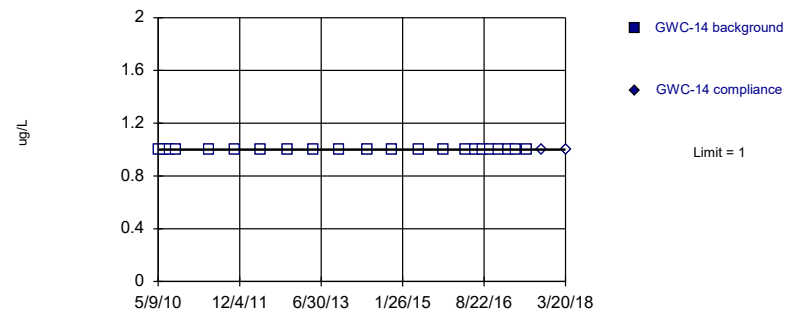
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

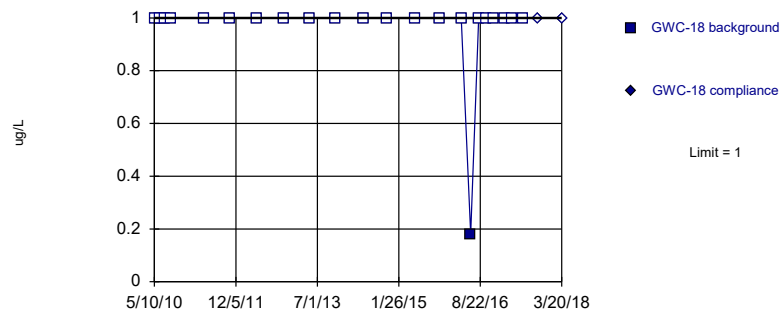


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

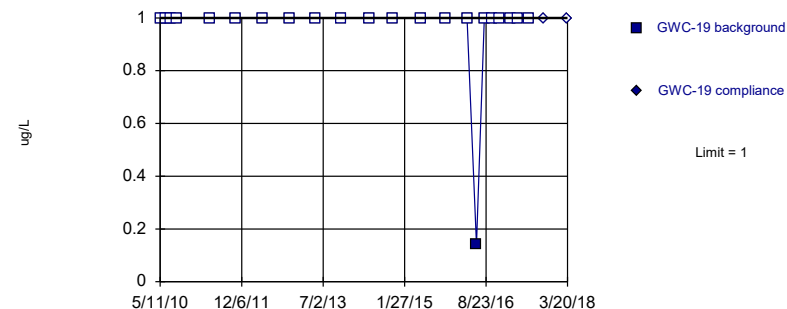


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

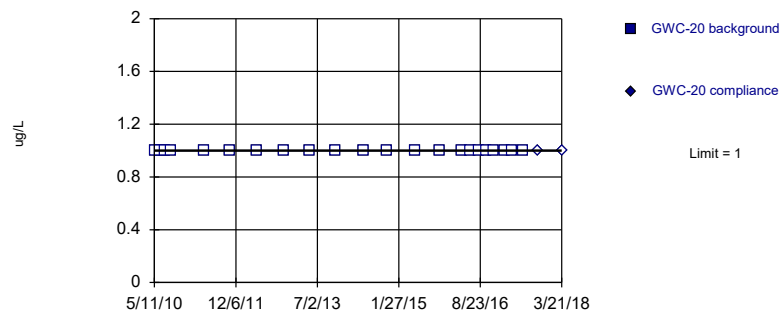


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

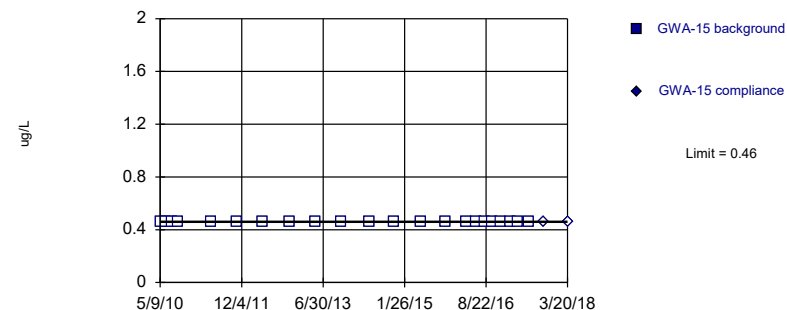


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



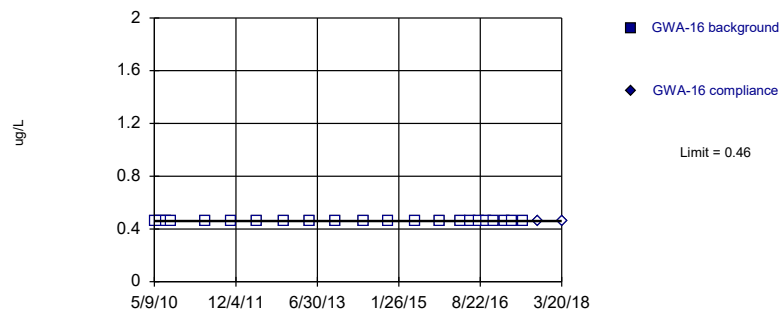
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



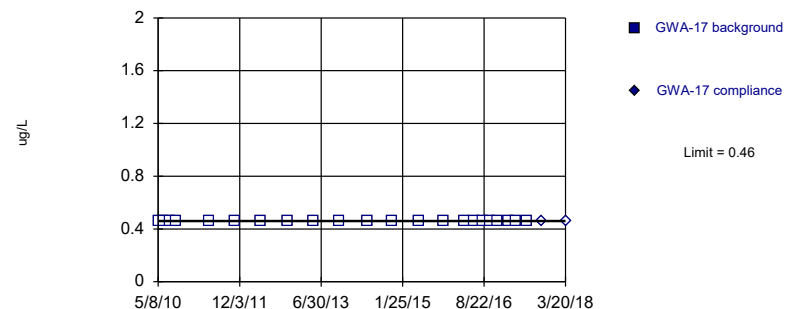
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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



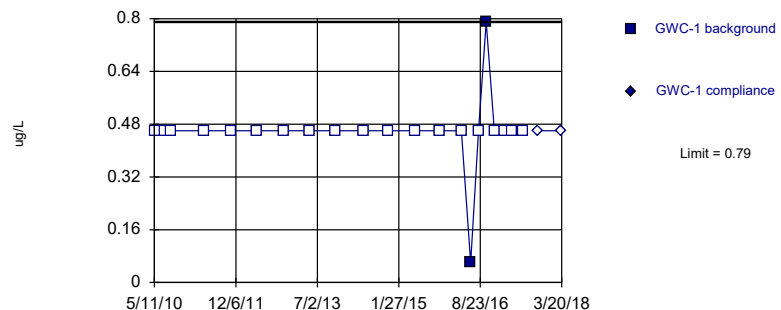
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



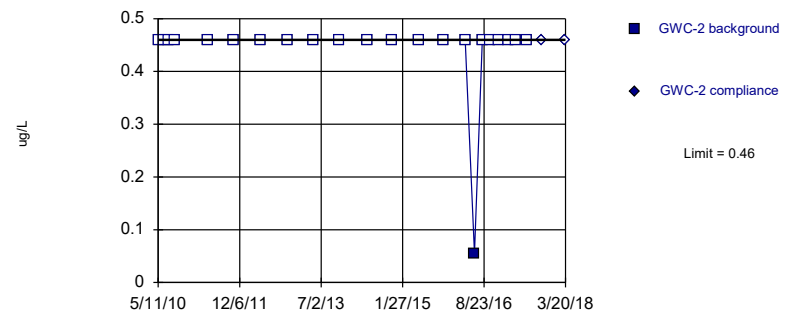
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



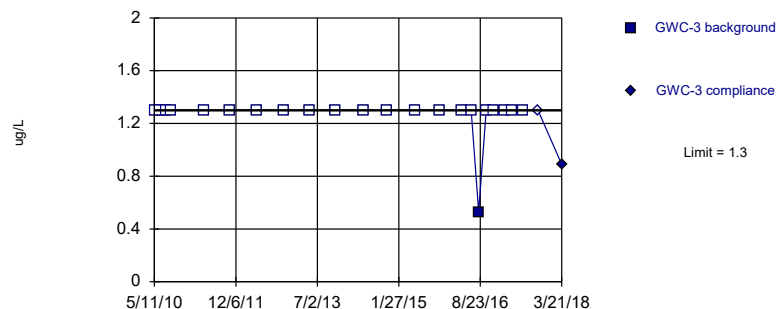
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



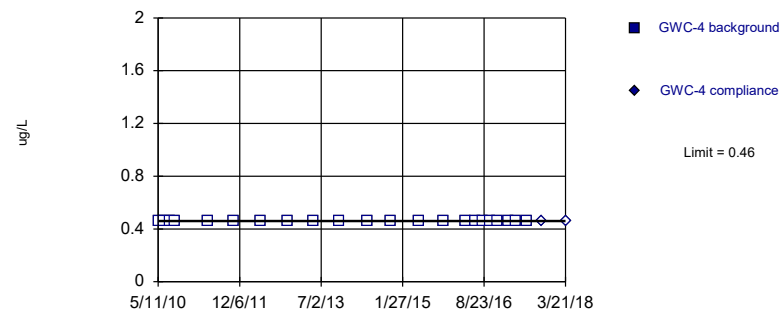
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



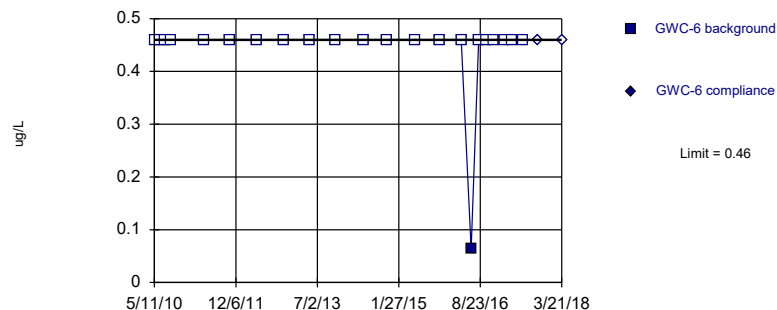
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



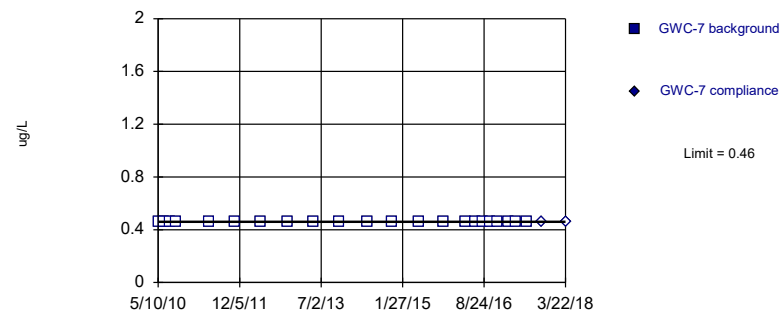
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



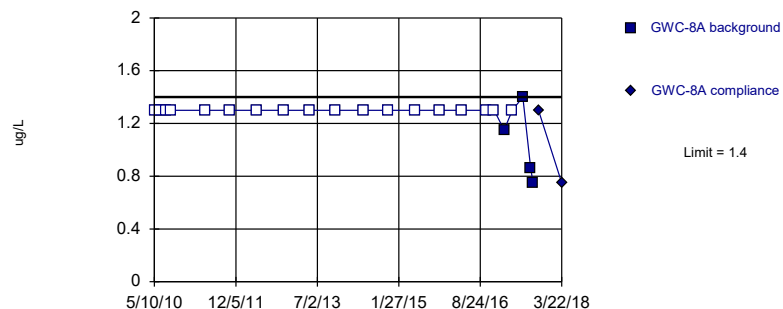
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



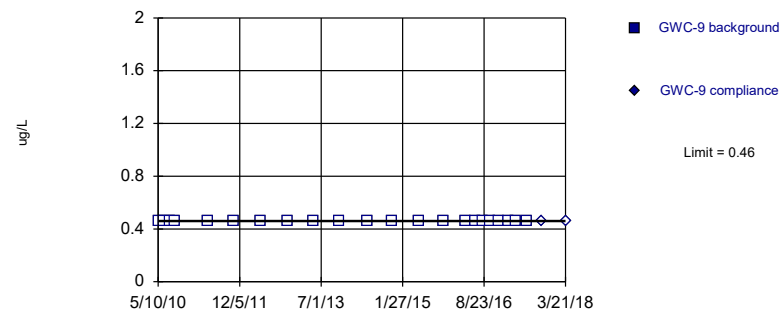
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



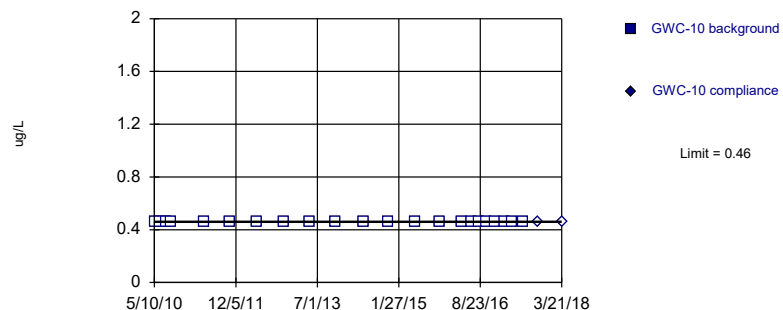
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



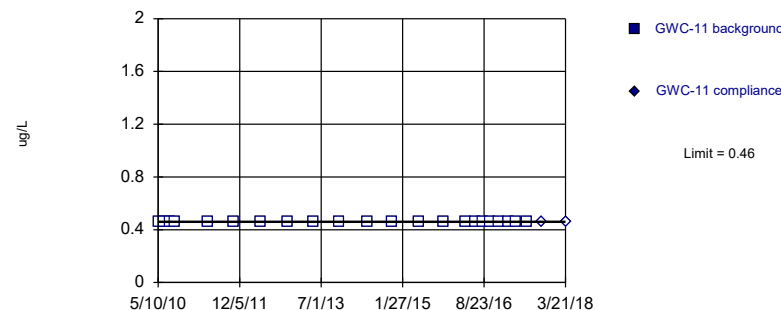
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



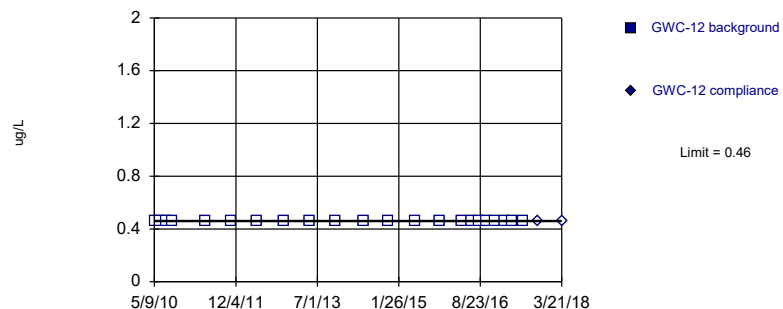
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



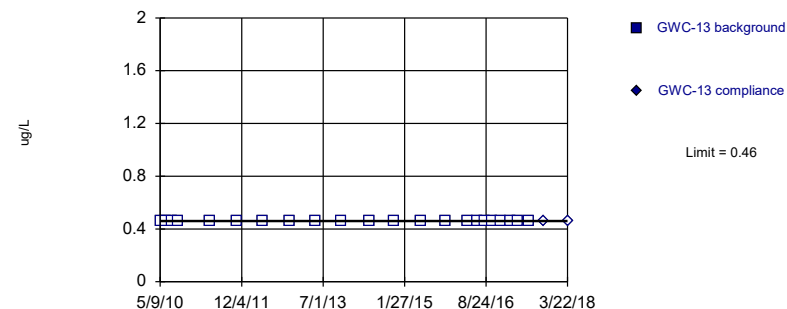
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



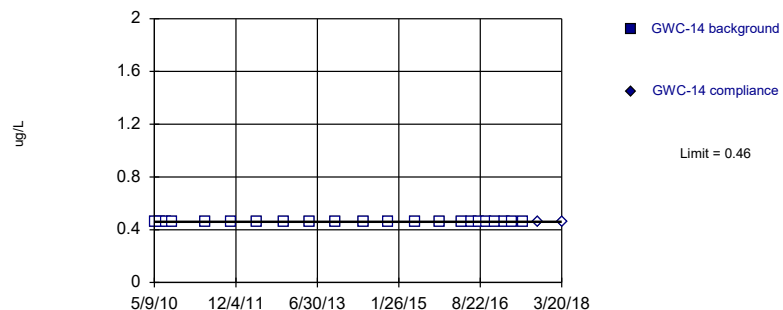
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



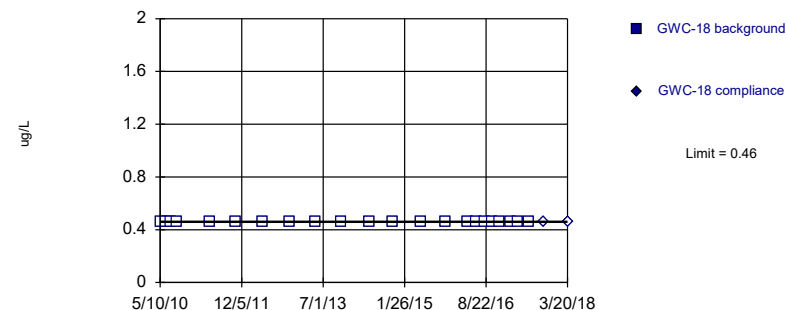
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

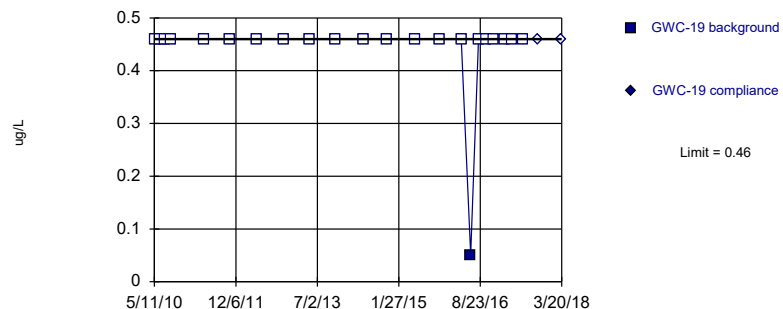


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

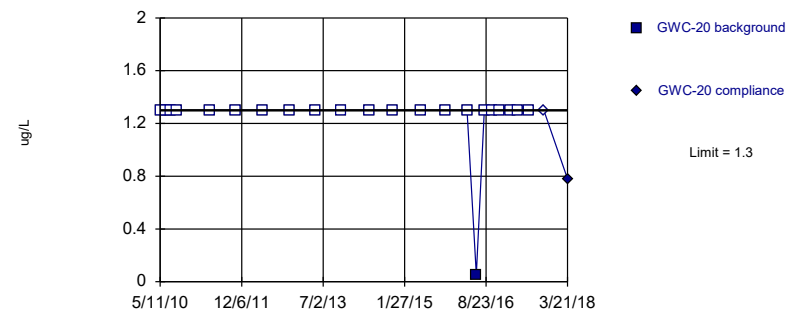


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

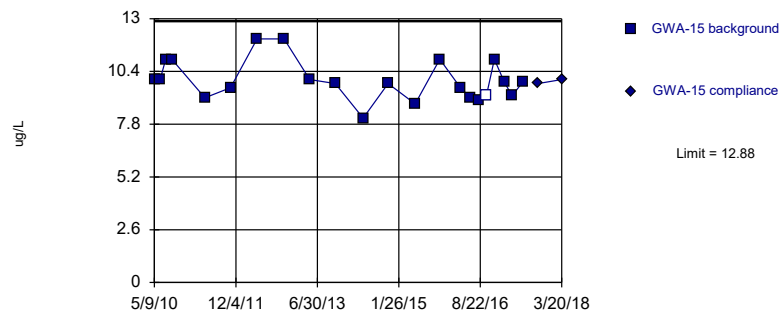


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

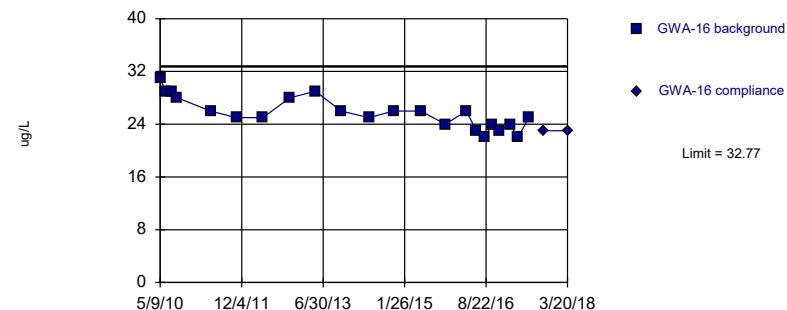


Background Data Summary: Mean=9.959, Std. Dev.=1.008, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



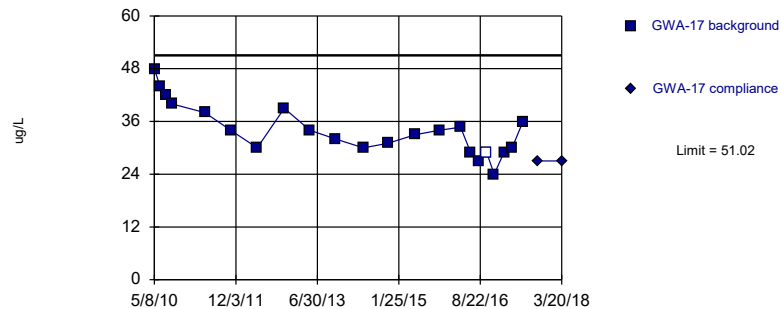
Background Data Summary: Mean=25.73, Std. Dev.=2.434, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



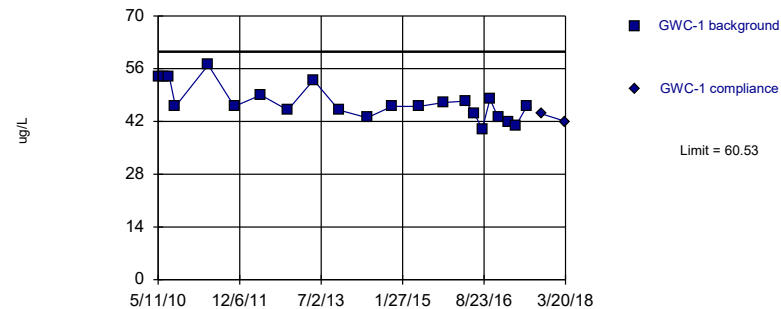
Background Data Summary: Mean=33.99, Std. Dev.=5.886, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



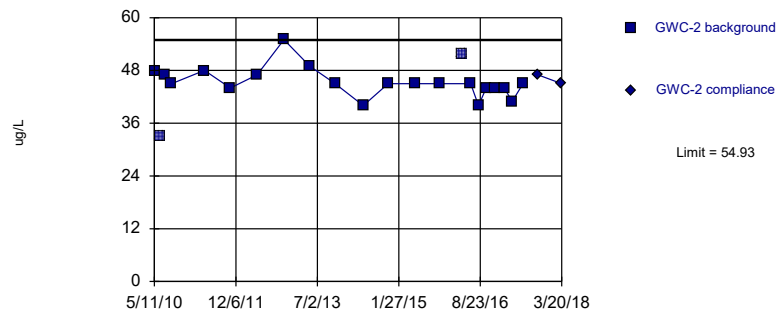
Background Data Summary: Mean=47.11, Std. Dev.=4.639, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9244, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=45.3, Std. Dev.=3.326, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8835, critical = 0.868. Kappa overridden to 2.894.

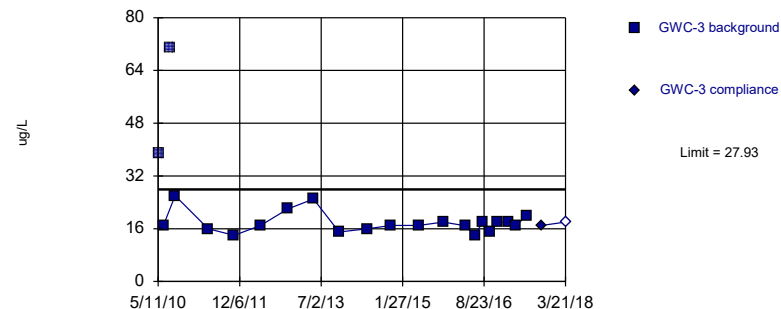
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



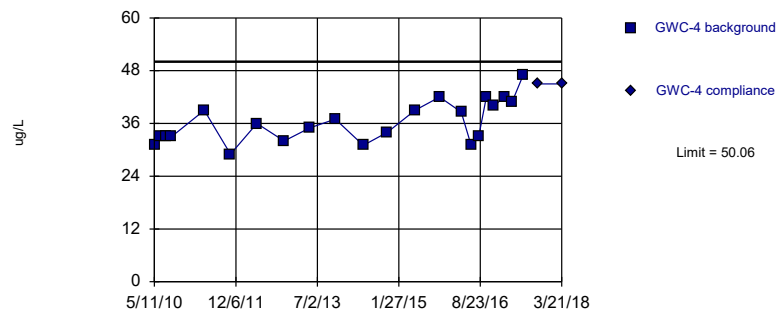
Background Data Summary (based on cube root transformation): Mean=2.605, Std. Dev.=0.1482, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8735, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



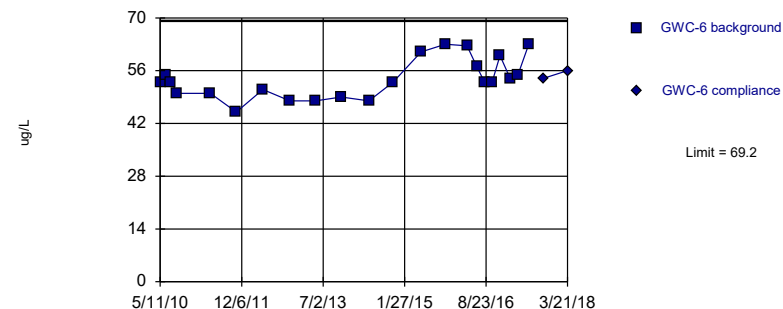
Background Data Summary: Mean=36.3, Std. Dev.=4.755, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



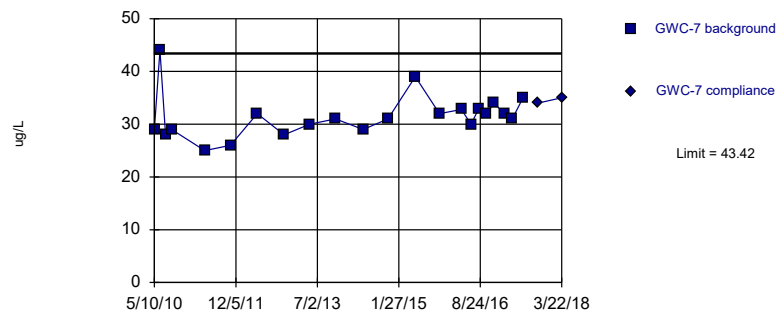
Background Data Summary: Mean=53.85, Std. Dev.=5.307, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9304, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



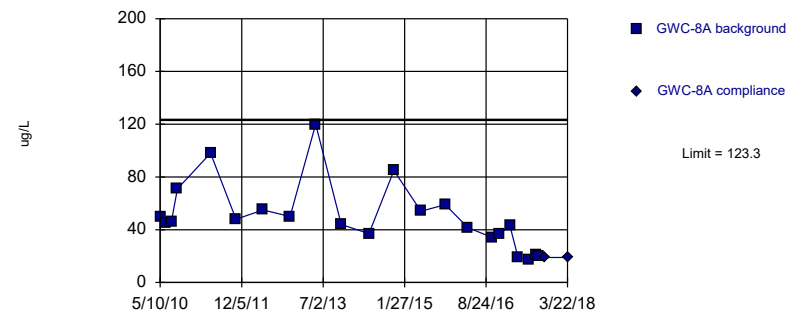
Background Data Summary: Mean=31.49, Std. Dev.=4.123, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8914, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=49.75, Std. Dev.=25.43, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8892, critical = 0.878. Kappa overridden to 2.894.

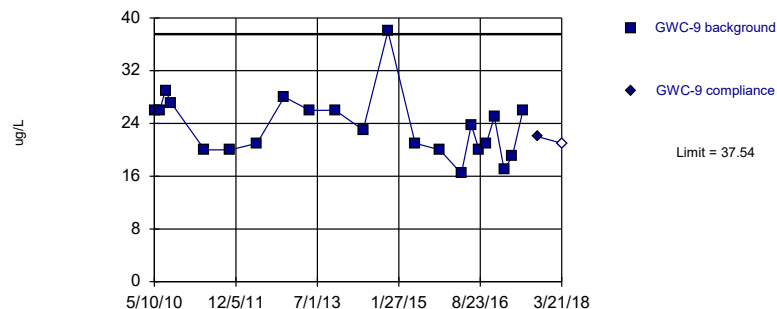
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

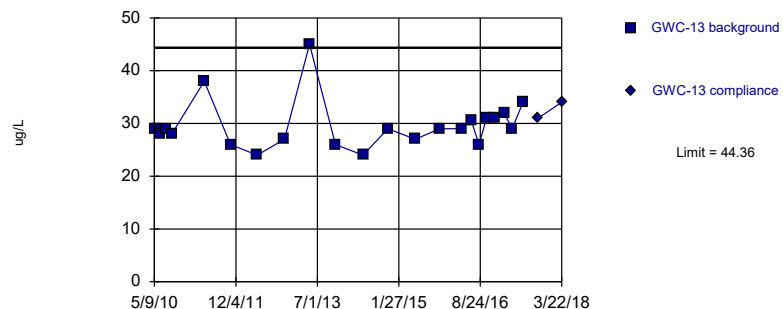
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=3.378, Std. Dev.=0.1432, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8855, critical = 0.878. Kappa overridden to 2.894.

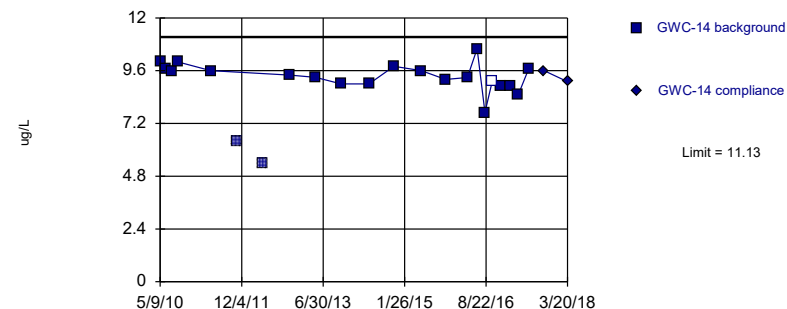
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=9.345, Std. Dev.=0.6169, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9561, critical = 0.868. Kappa overridden to 2.894.

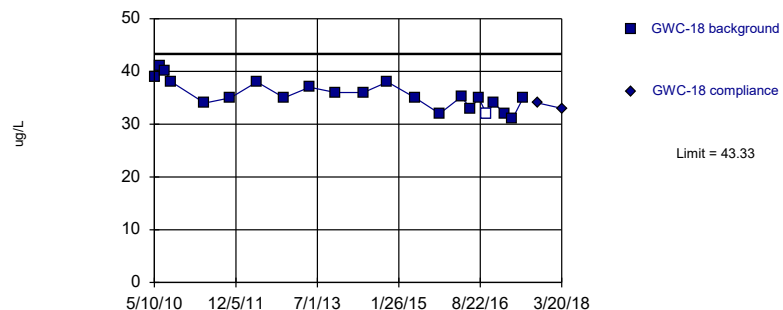
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=35.51, Std. Dev.=2.702, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9634, critical = 0.878. Kappa overridden to 2.894.

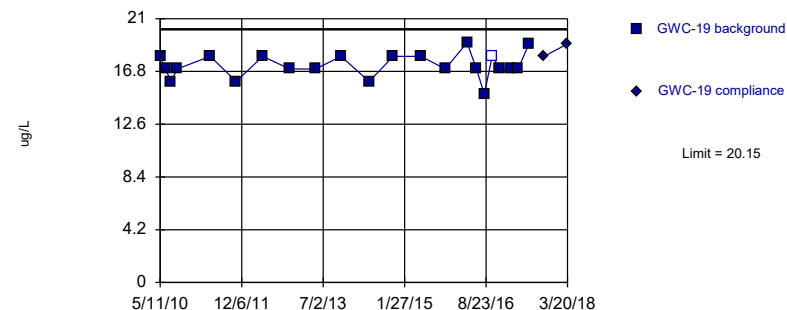
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.28, Std. Dev.=0.9933, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9152, critical = 0.878. Kappa overridden to 2.894.

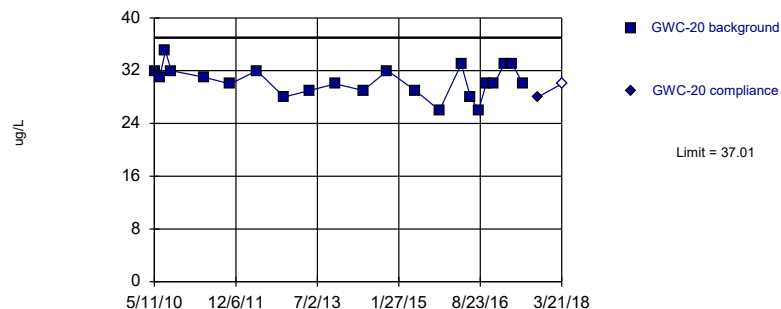
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=30.41, Std. Dev.=2.282, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.878. Kappa overridden to 2.894.

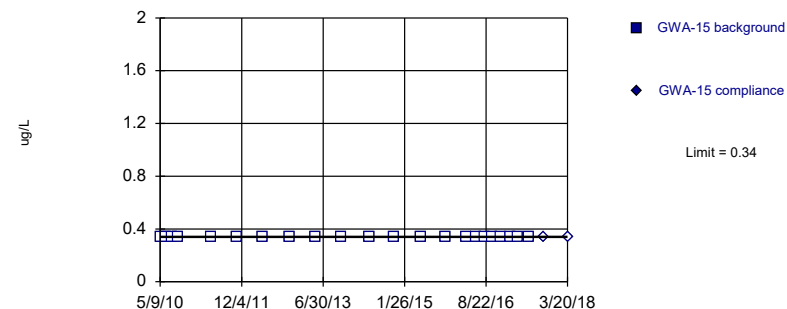
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

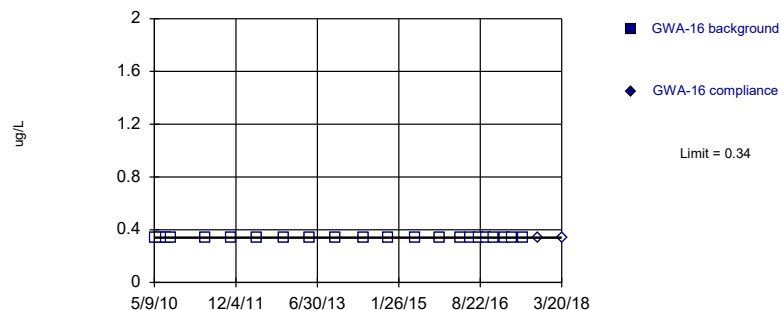
Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

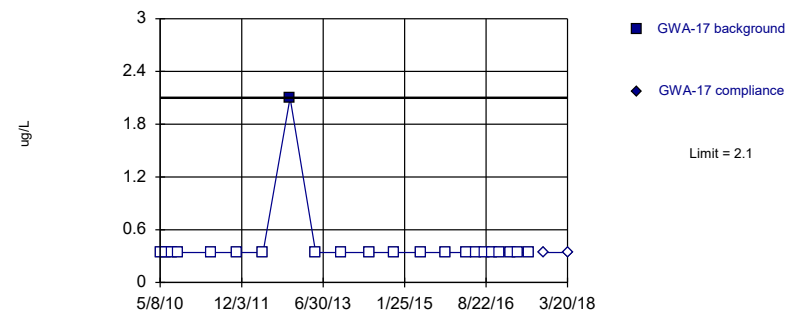
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



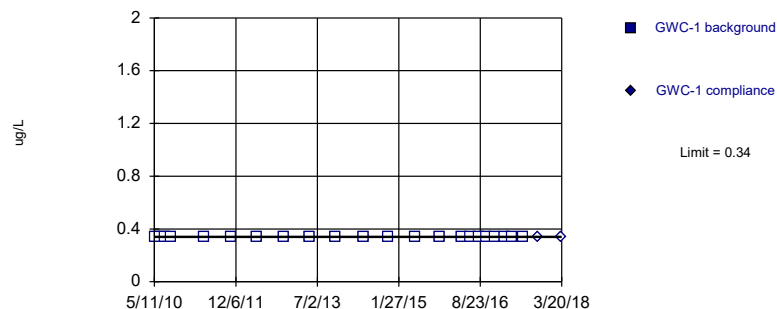
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Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



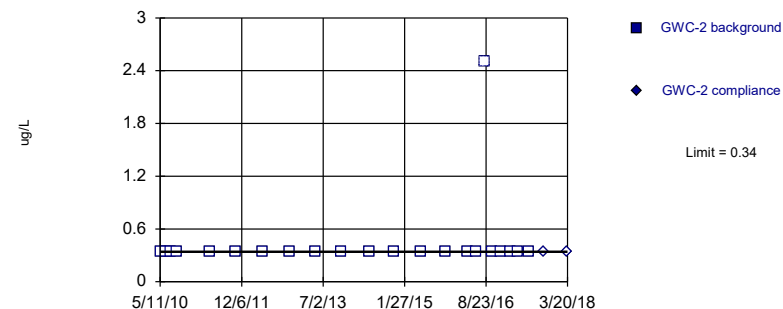
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Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



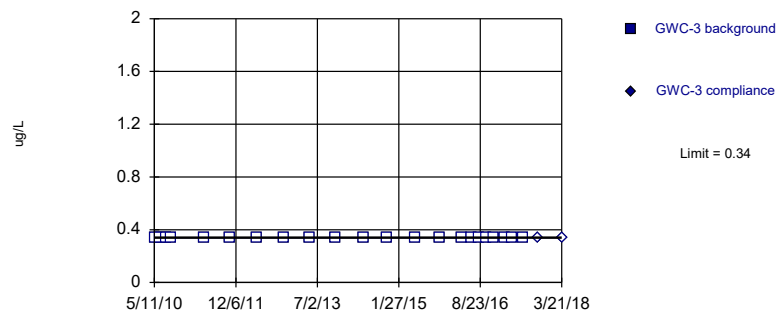
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



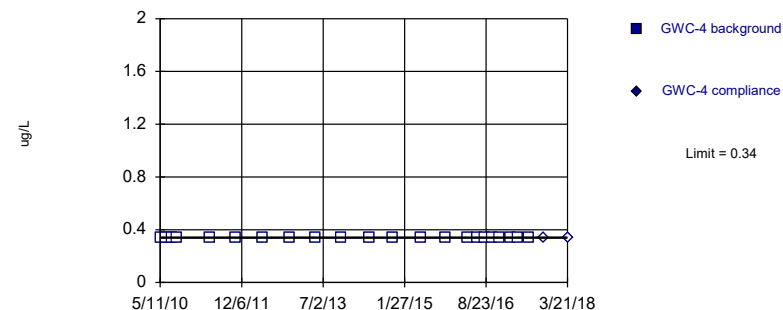
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



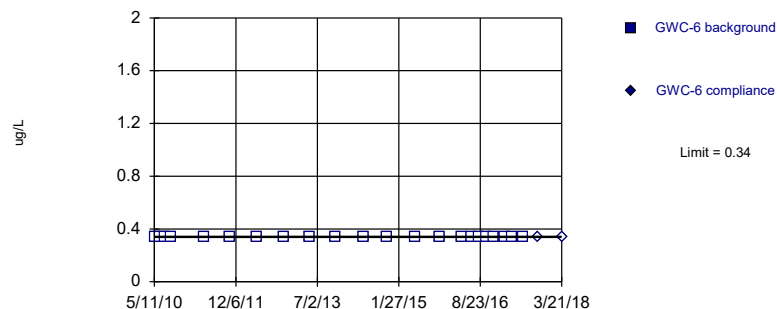
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



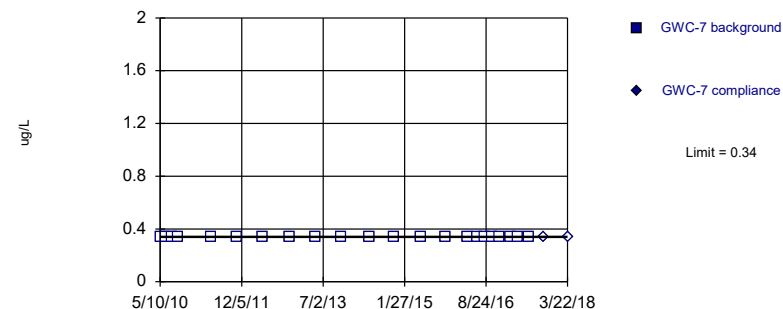
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



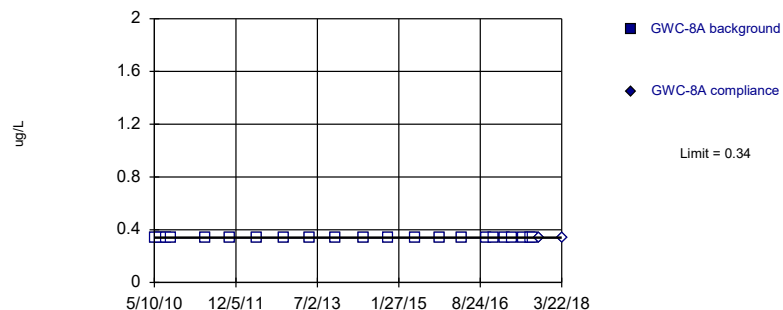
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



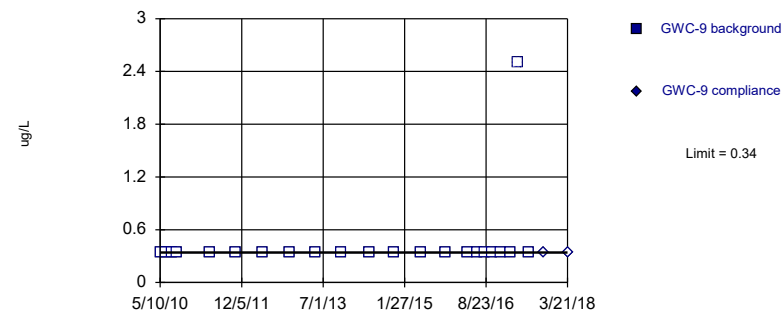
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

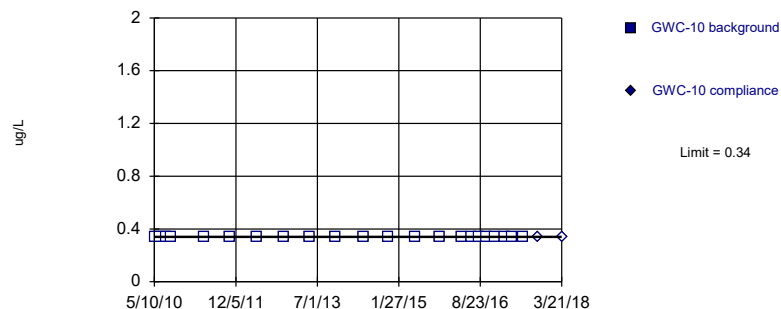


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

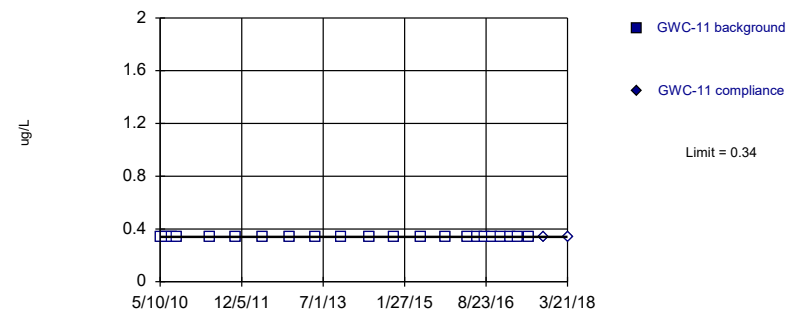


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

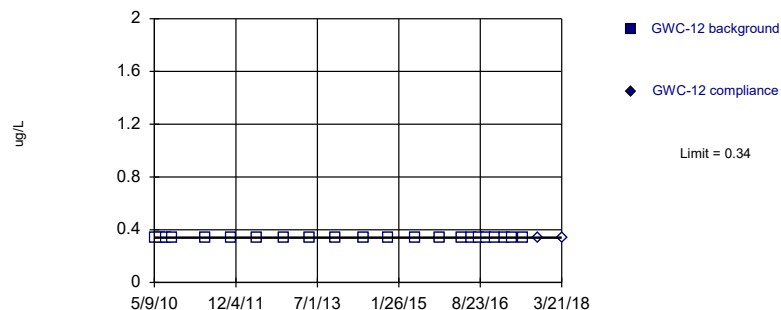


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

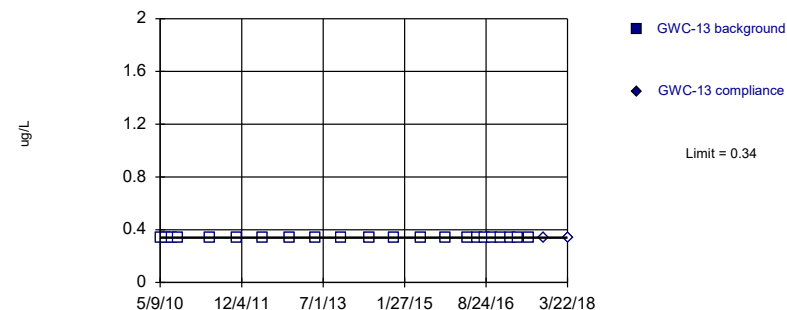


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



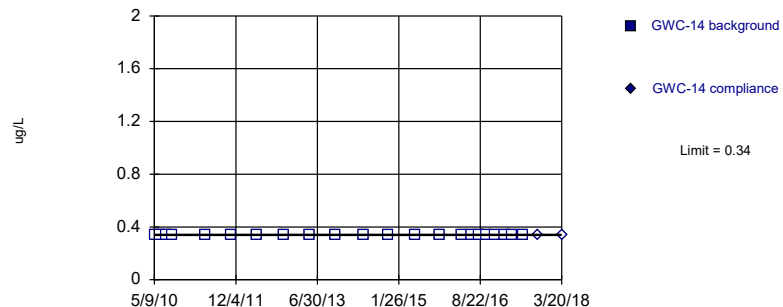
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Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



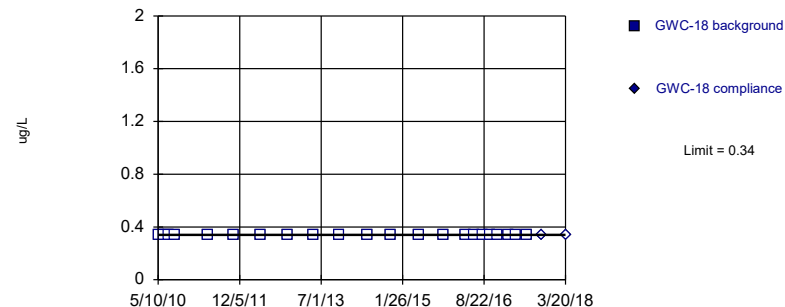
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



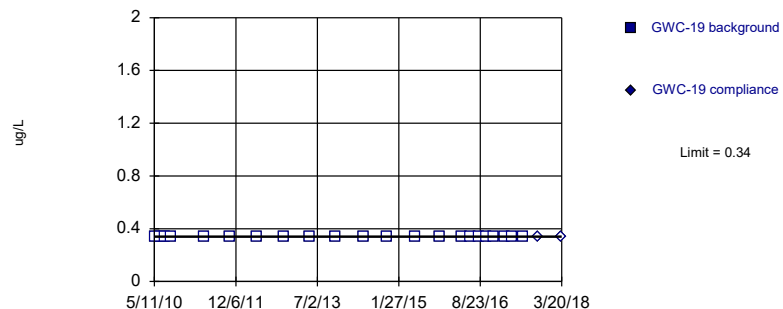
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



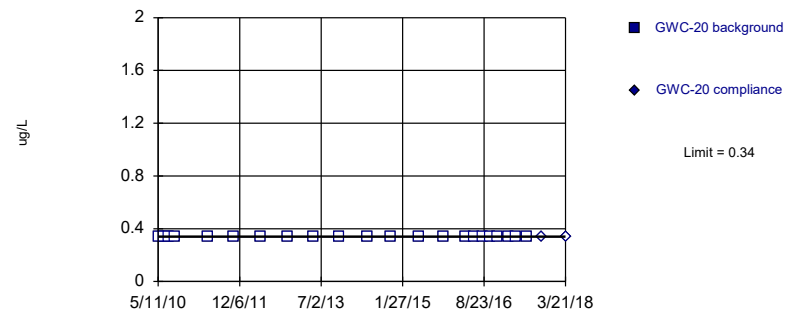
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

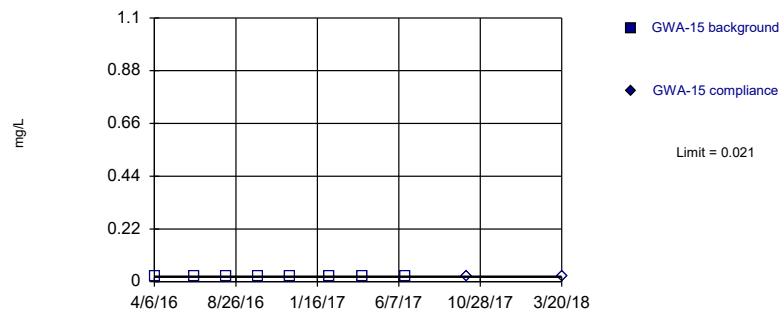


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

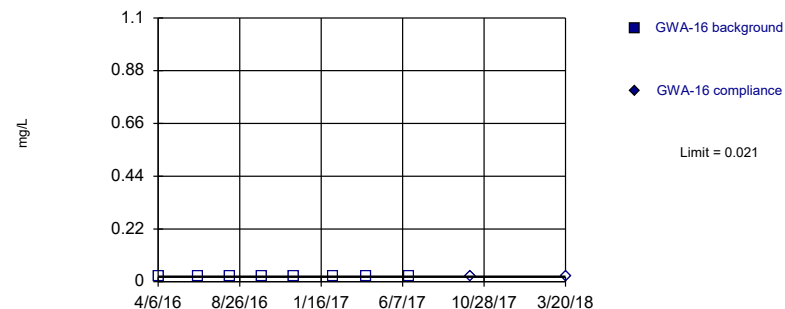


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

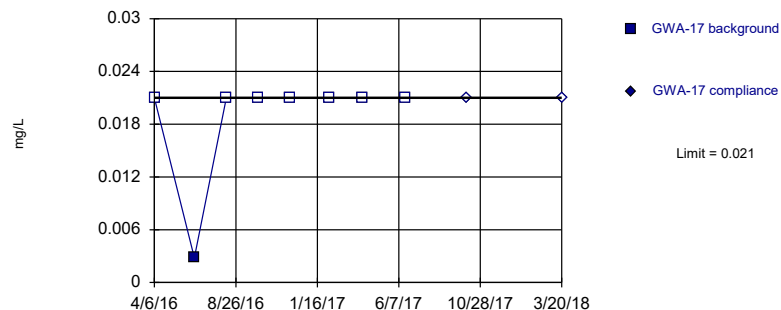


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

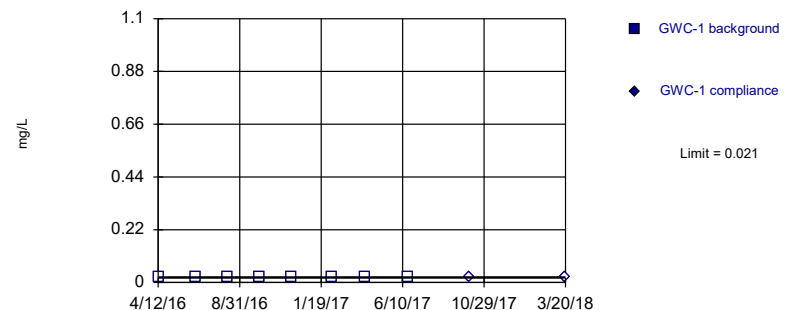


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

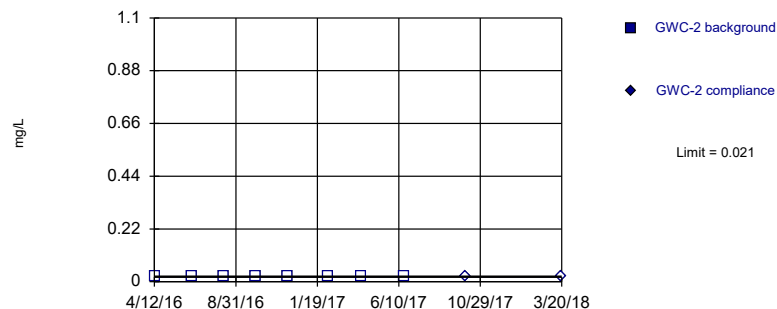


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

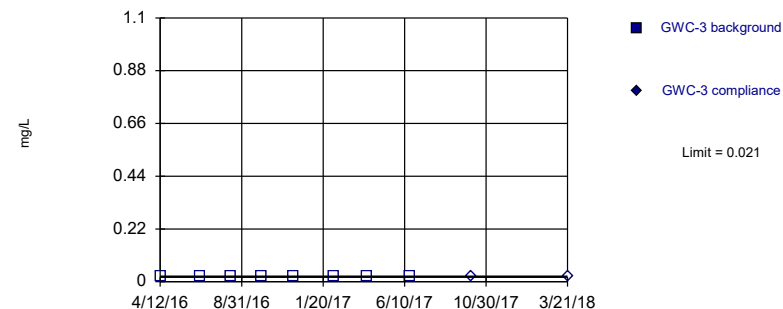


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

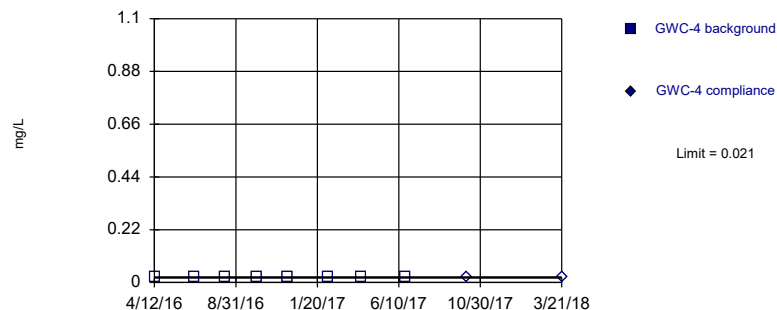


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

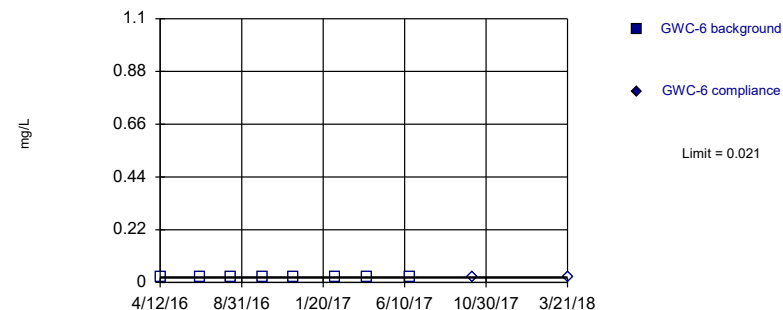


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

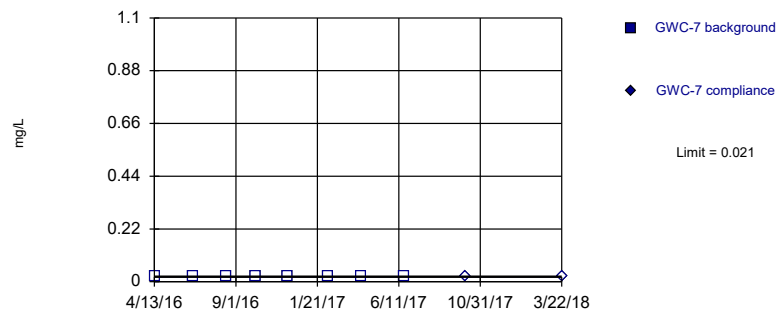


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

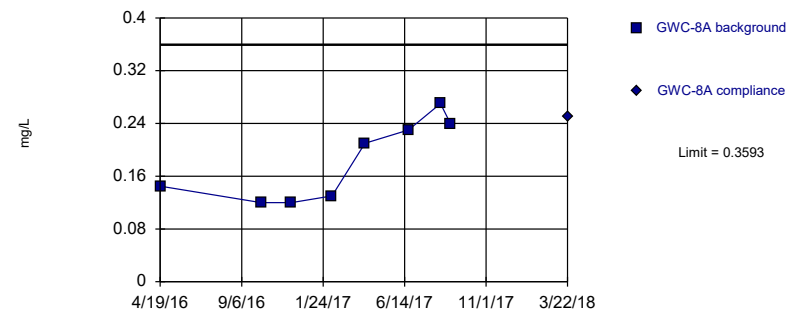


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

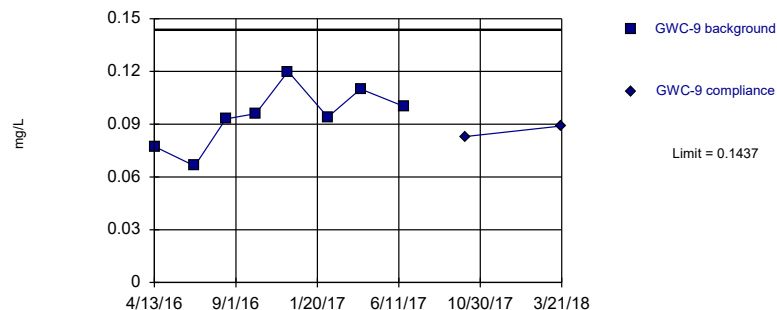


Background Data Summary: Mean=0.1831, Std. Dev.=0.06088, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

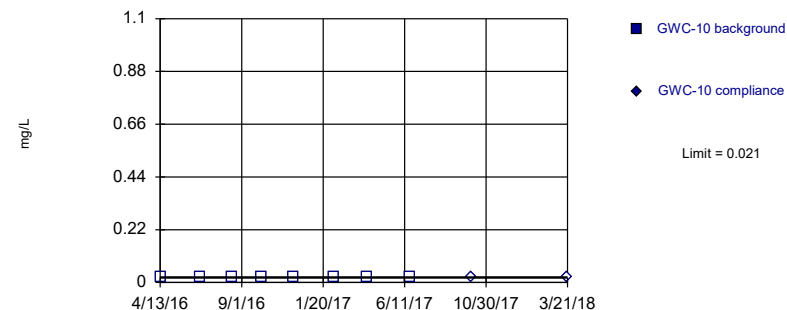


Background Data Summary: Mean=0.09459, Std. Dev.=0.01696, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9681, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

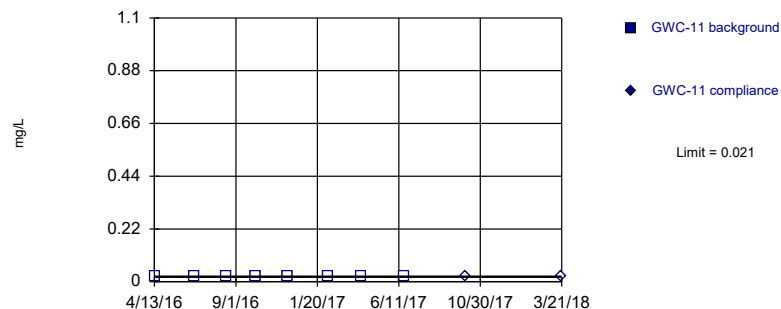


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

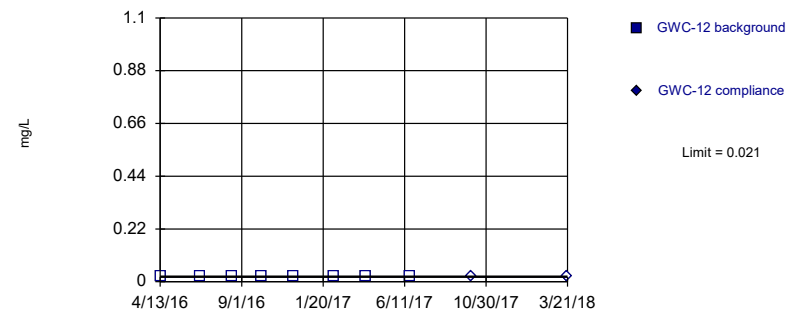


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

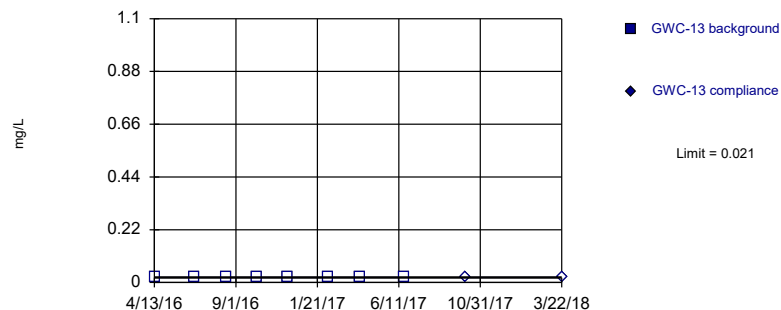


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

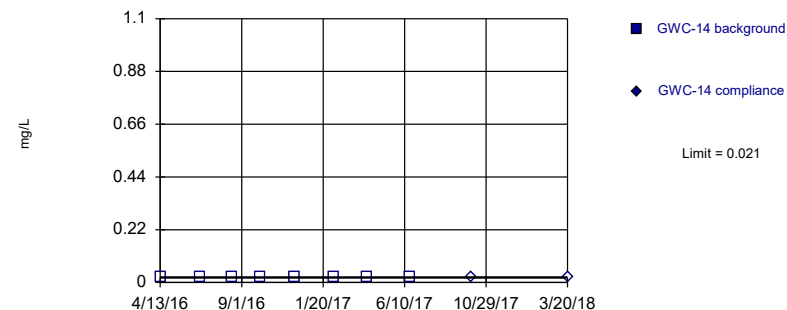


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

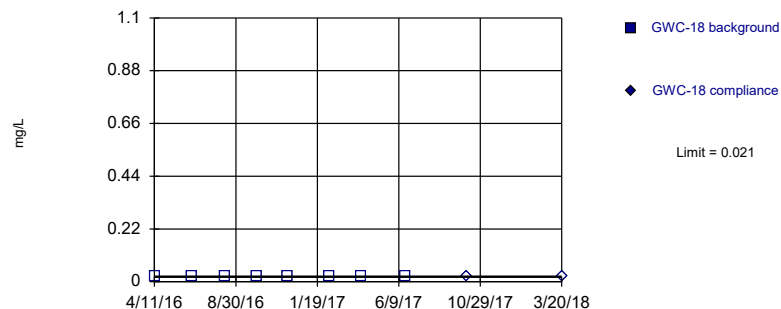


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

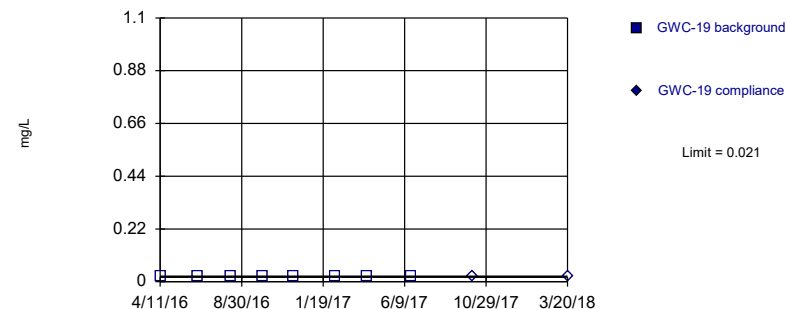


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

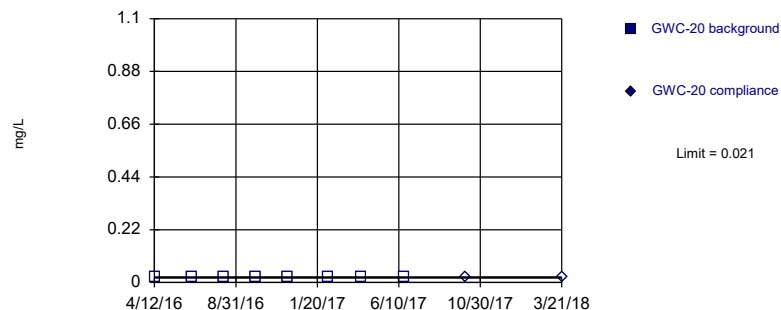


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

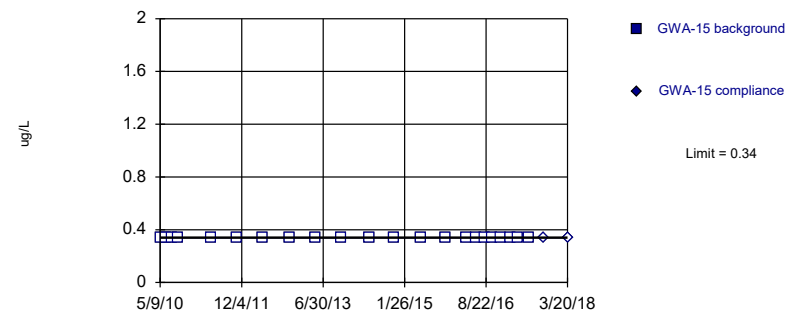


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



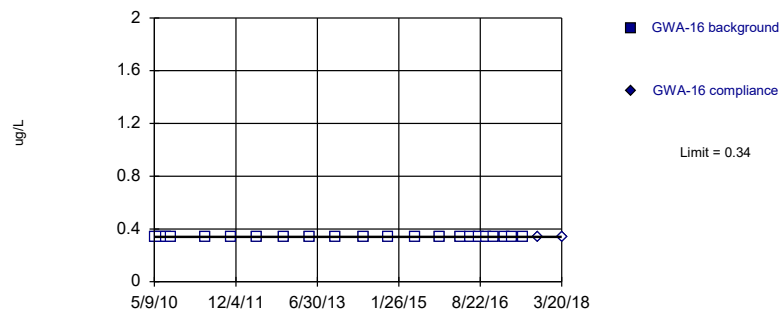
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



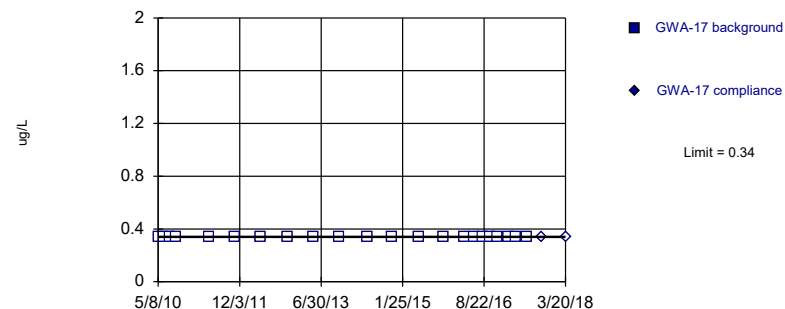
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



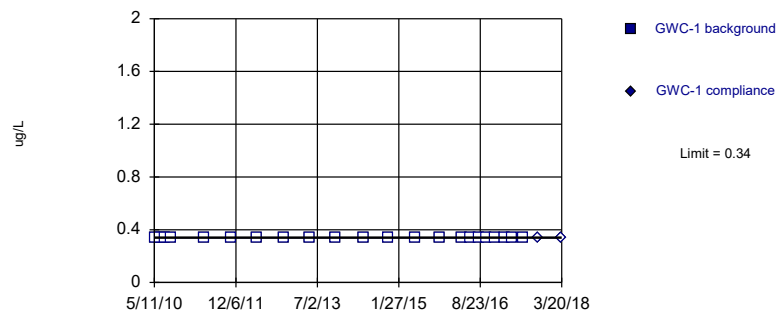
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



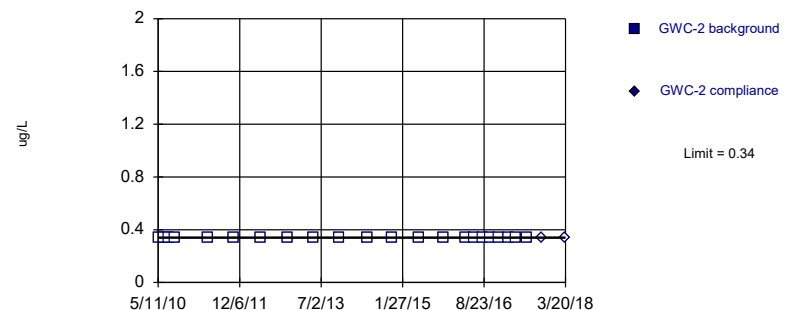
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



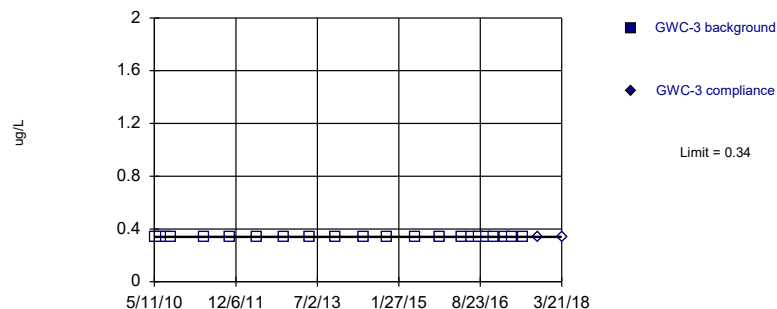
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



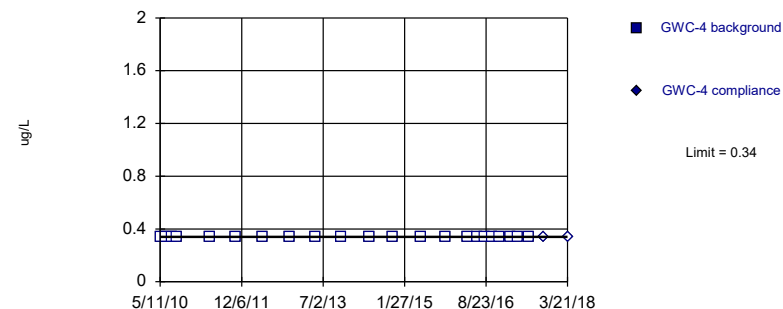
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



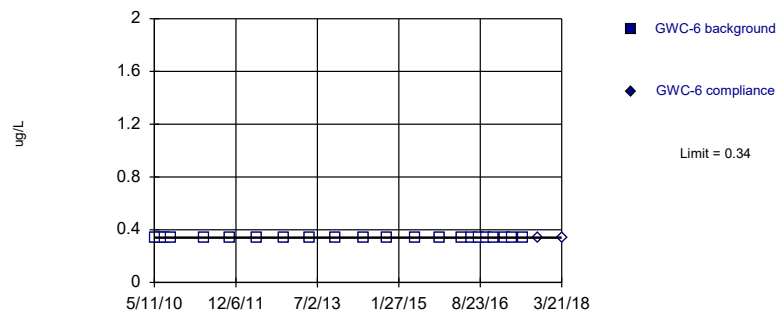
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



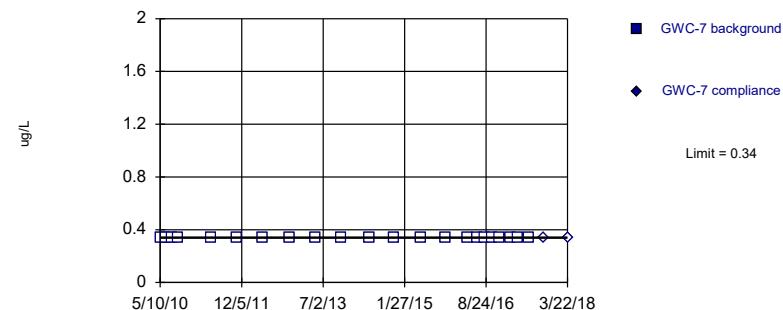
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



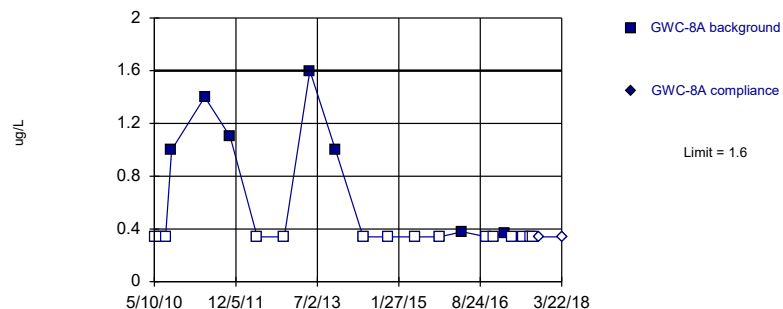
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



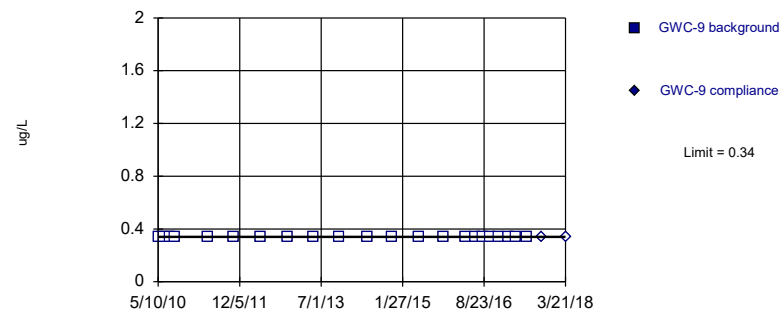
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



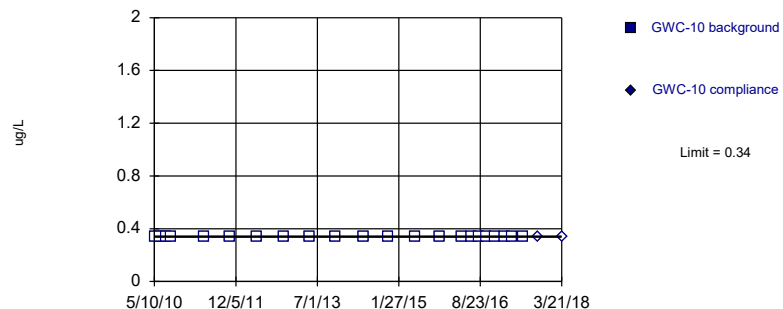
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



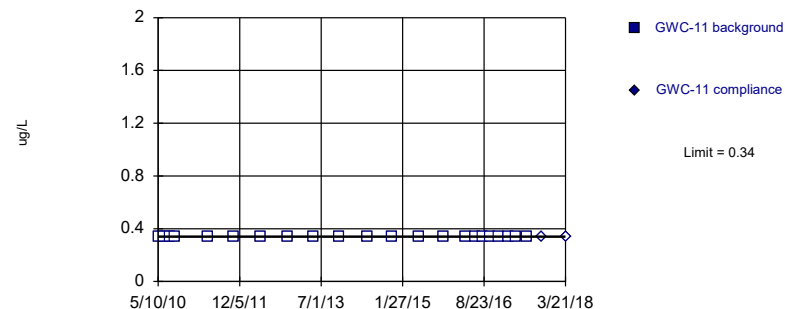
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



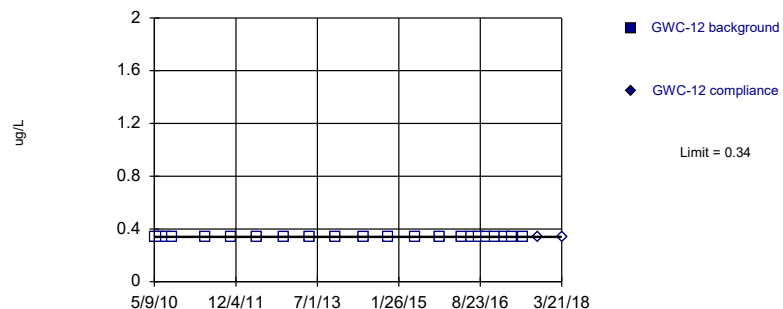
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



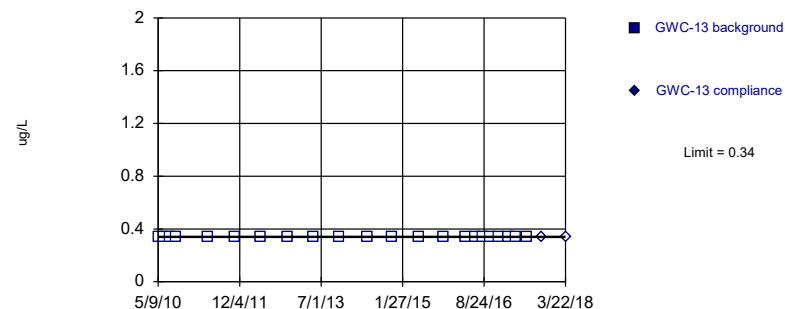
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



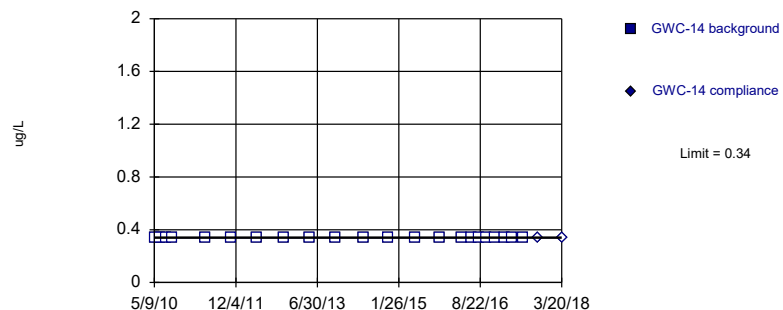
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



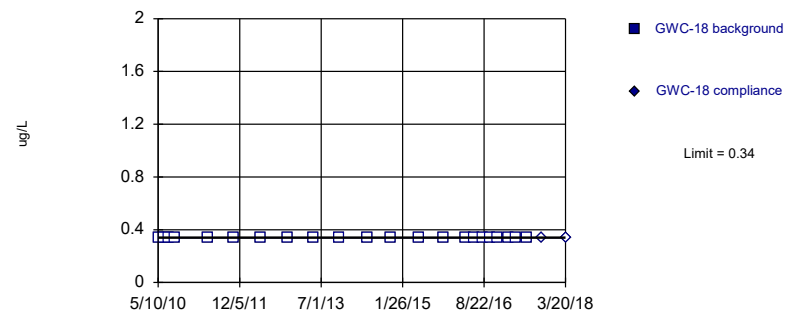
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

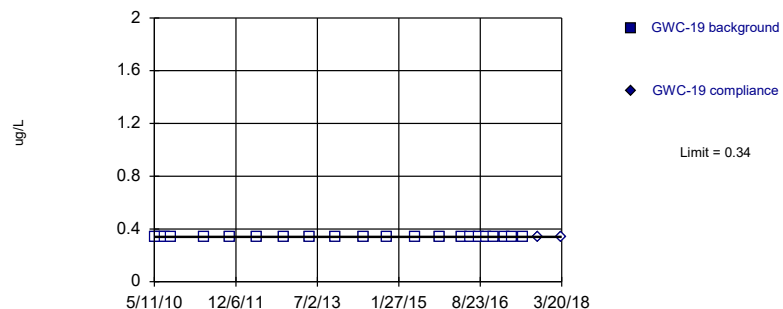


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

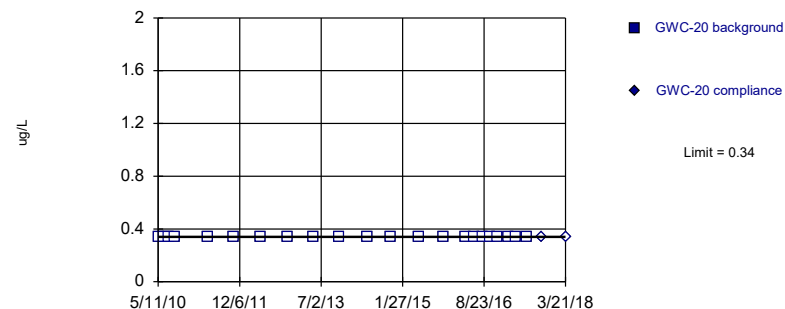


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

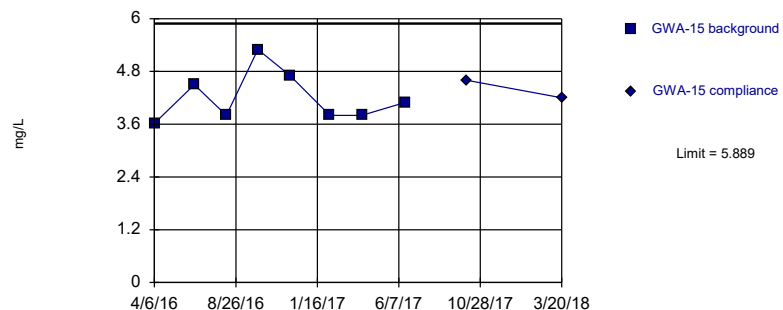


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

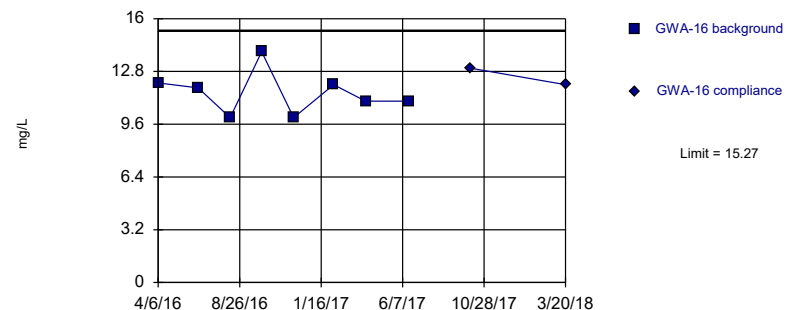


Background Data Summary: Mean=4.203, Std. Dev.=0.5826, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.873, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



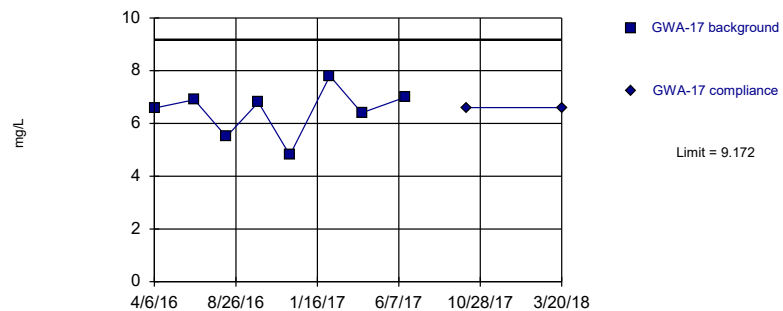
Background Data Summary: Mean=11.49, Std. Dev.=1.307, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



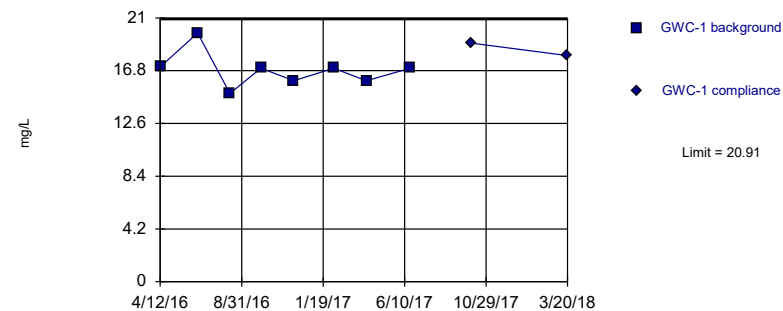
Background Data Summary: Mean=6.473, Std. Dev.=0.9328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



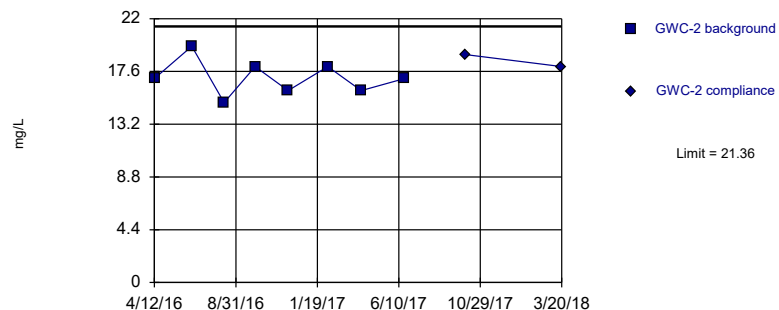
Background Data Summary: Mean=16.86, Std. Dev.=1.399, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8575, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



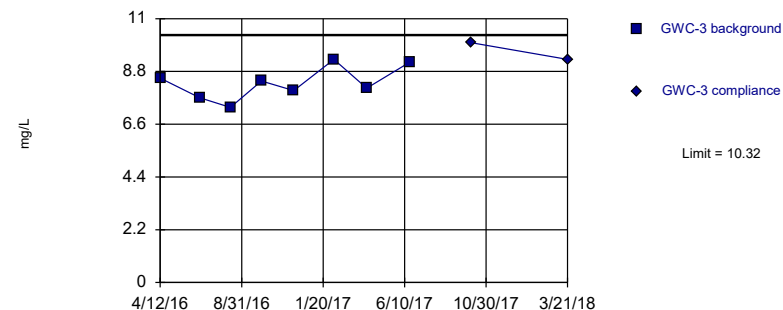
Background Data Summary: Mean=17.09, Std. Dev.=1.475, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



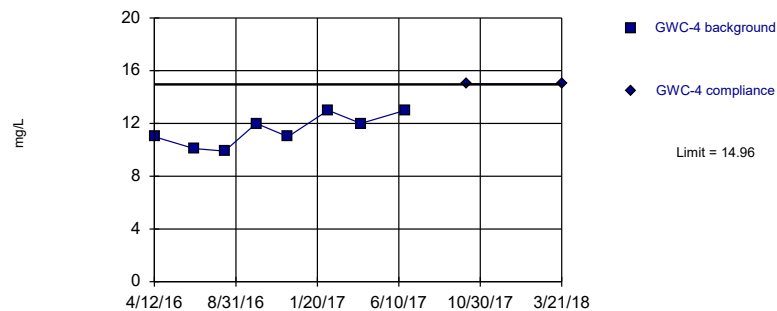
Background Data Summary: Mean=8.315, Std. Dev.=0.6925, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9572, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



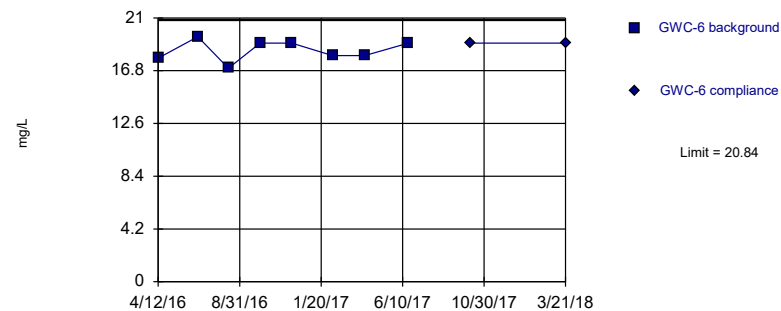
Background Data Summary: Mean=11.5, Std. Dev.=1.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9127, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



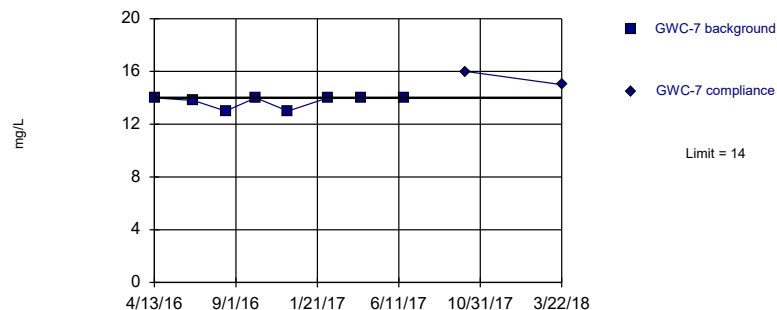
Background Data Summary: Mean=18.41, Std. Dev.=0.8391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



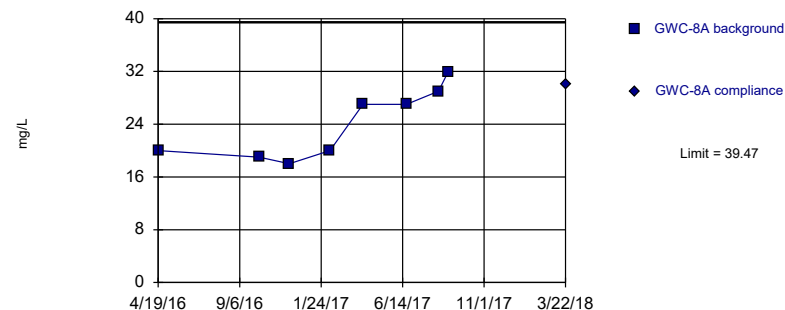
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



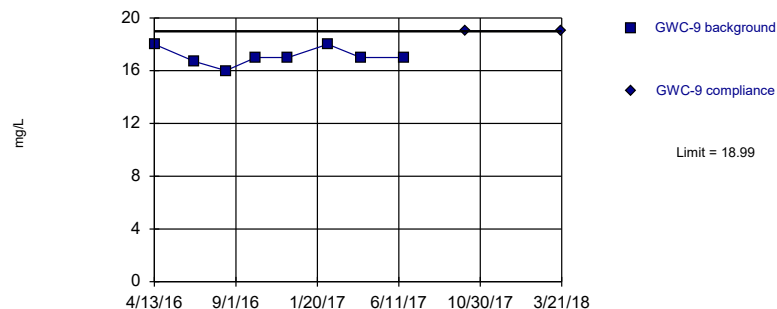
Background Data Summary: Mean=24, Std. Dev.=5.345, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8778, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



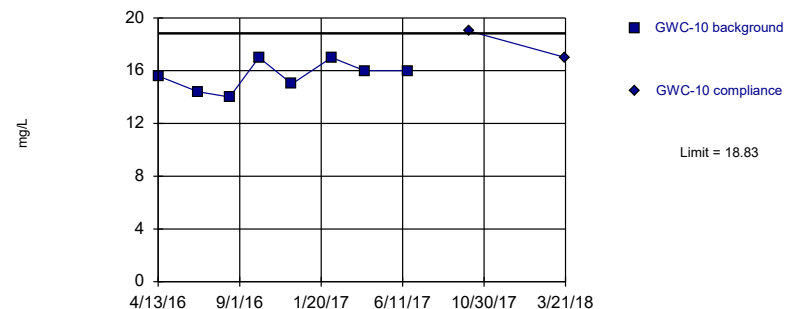
Background Data Summary: Mean=17.09, Std. Dev.=0.6578, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8683, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



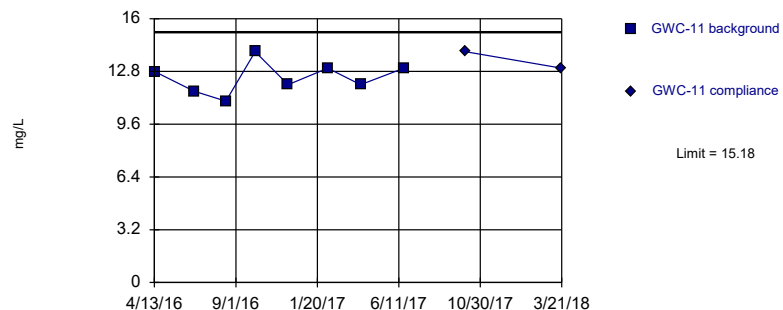
Background Data Summary: Mean=15.63, Std. Dev.=1.108, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9351, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



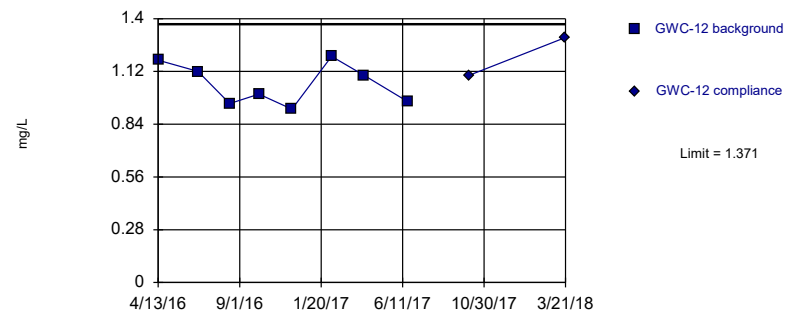
Background Data Summary: Mean=12.43, Std. Dev.=0.9528, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



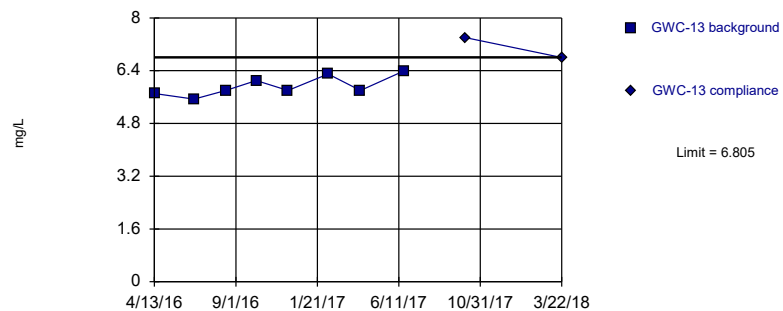
Background Data Summary: Mean=1.054, Std. Dev.=0.1097, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.903, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

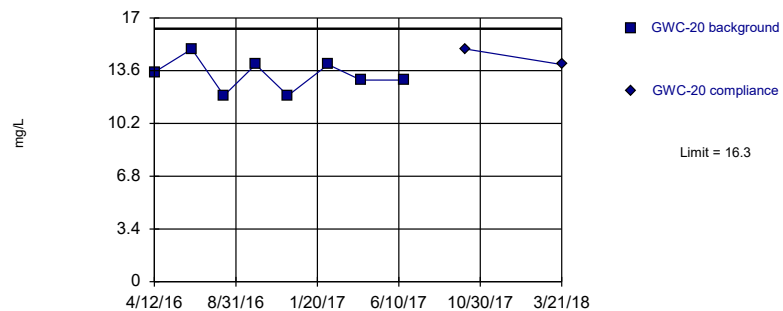
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



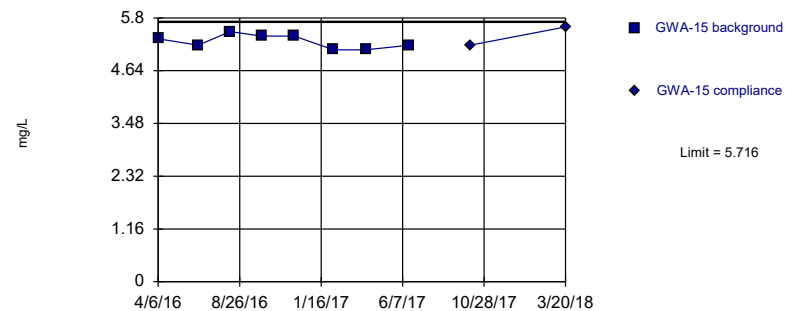
Background Data Summary: Mean=13.31, Std. Dev.=1.033, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9408, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



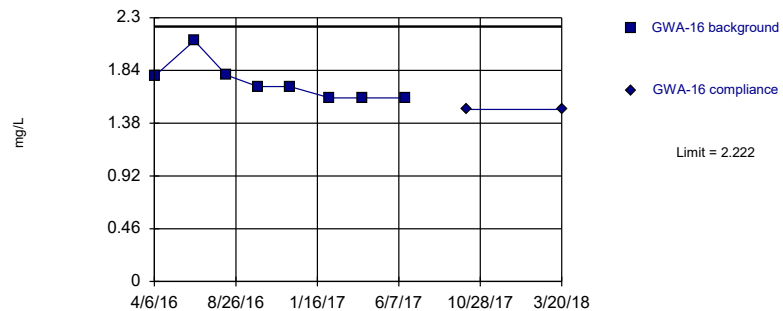
Background Data Summary: Mean=5.28, Std. Dev.=0.1505, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9094, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



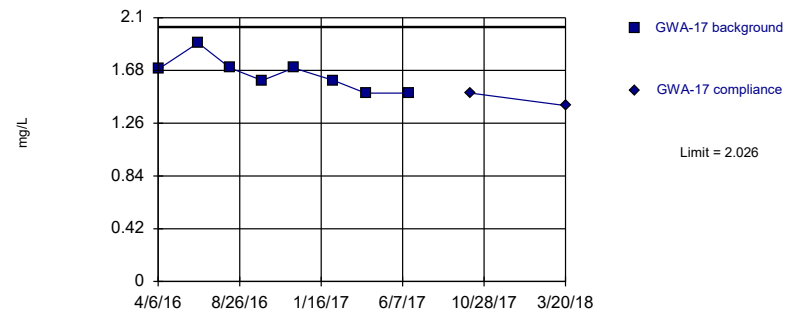
Background Data Summary: Mean=1.736, Std. Dev.=0.168, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8054, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



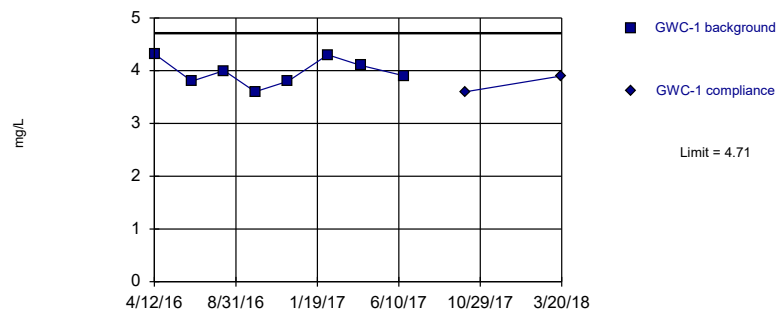
Background Data Summary: Mean=1.649, Std. Dev.=0.1304, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



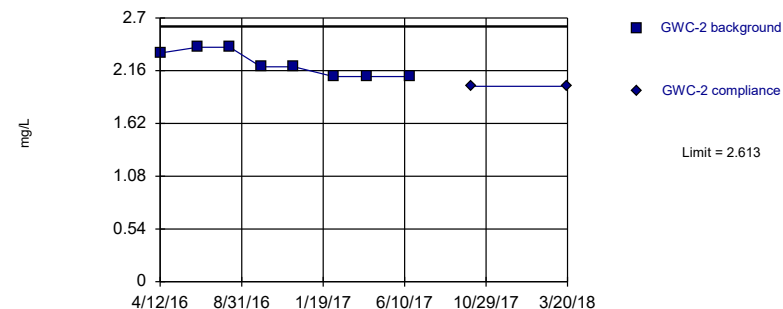
Background Data Summary: Mean=3.978, Std. Dev.=0.2531, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



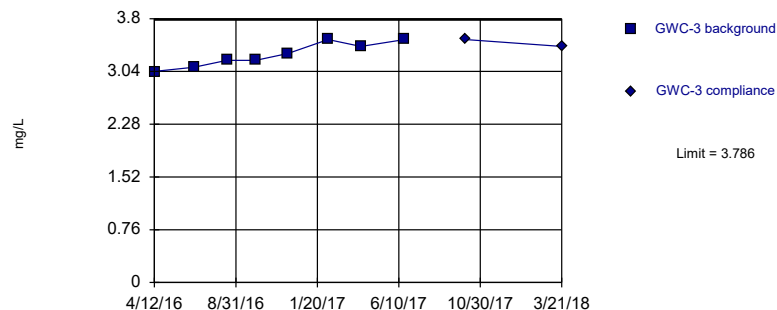
Background Data Summary: Mean=2.23, Std. Dev.=0.1322, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8278, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



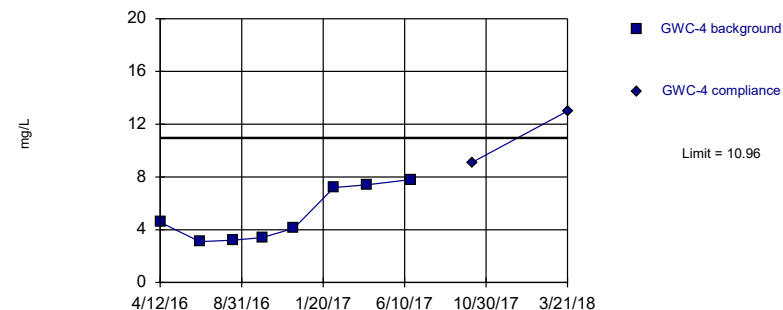
Background Data Summary: Mean=3.28, Std. Dev.=0.175, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



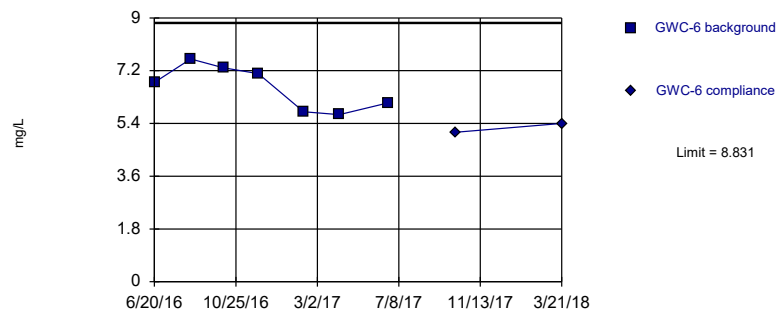
Background Data Summary: Mean=5.096, Std. Dev.=2.027, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8216, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



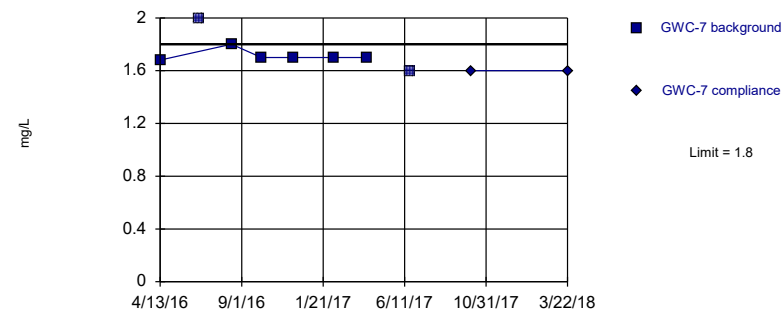
Background Data Summary: Mean=6.629, Std. Dev.=0.761, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.911, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



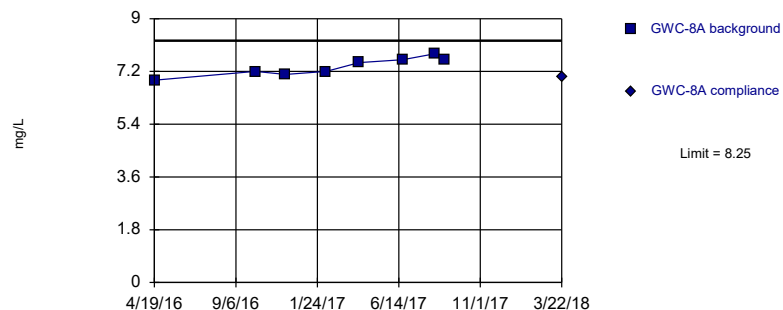
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



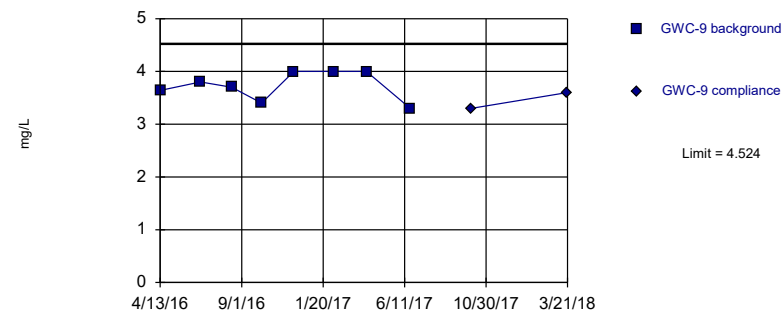
Background Data Summary: Mean=7.363, Std. Dev.=0.3068, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



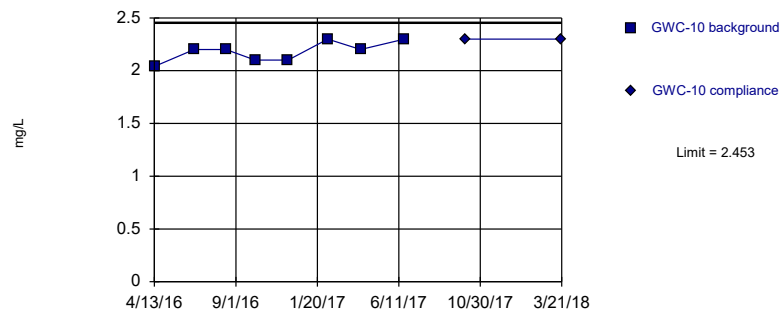
Background Data Summary: Mean=3.73, Std. Dev.=0.2742, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



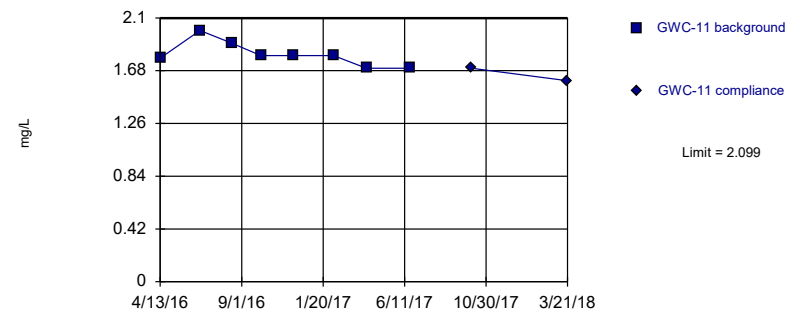
Background Data Summary: Mean=2.18, Std. Dev.=0.09442, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



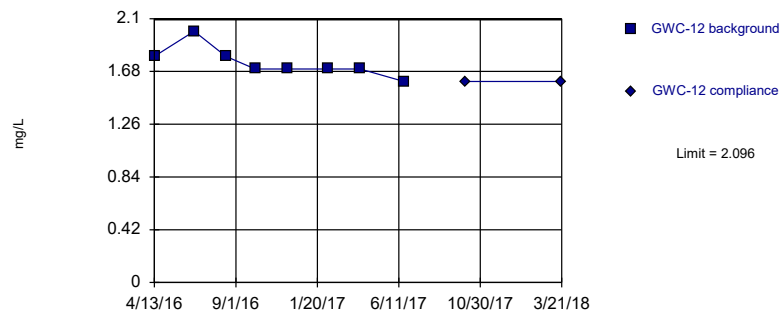
Background Data Summary: Mean=1.81, Std. Dev.=0.09971, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



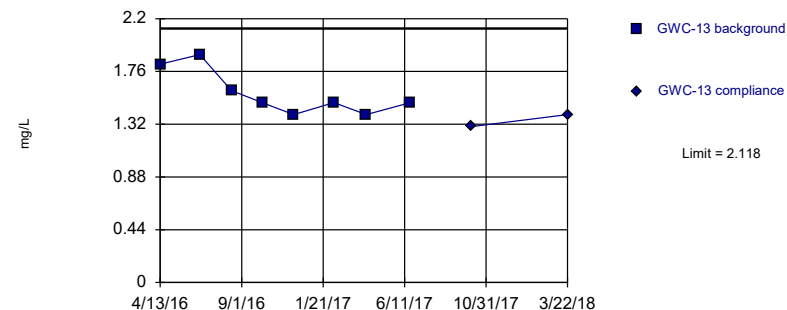
Background Data Summary: Mean=1.75, Std. Dev.=0.1195, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



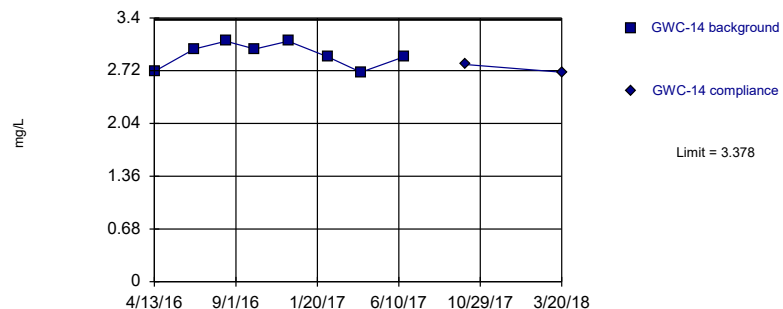
Background Data Summary: Mean=1.578, Std. Dev.=0.1868, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8395, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



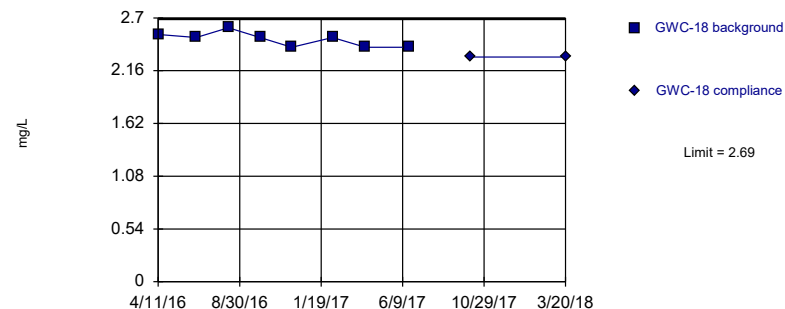
Background Data Summary: Mean=2.926, Std. Dev.=0.1561, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8849, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



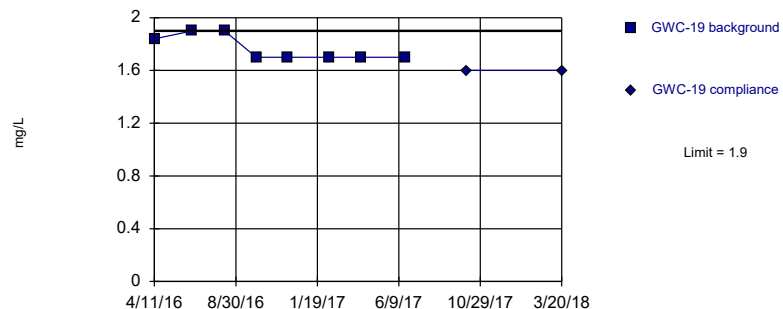
Background Data Summary: Mean=2.479, Std. Dev.=0.07298, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



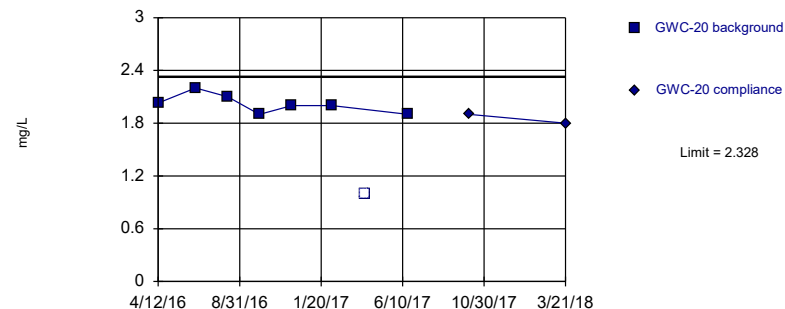
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



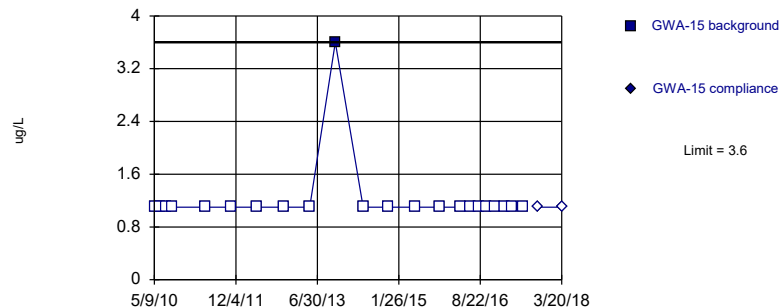
Background Data Summary: Mean=2.019, Std. Dev.=0.1068, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9259, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



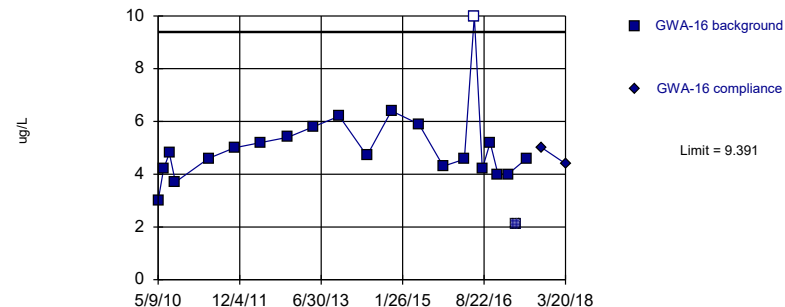
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



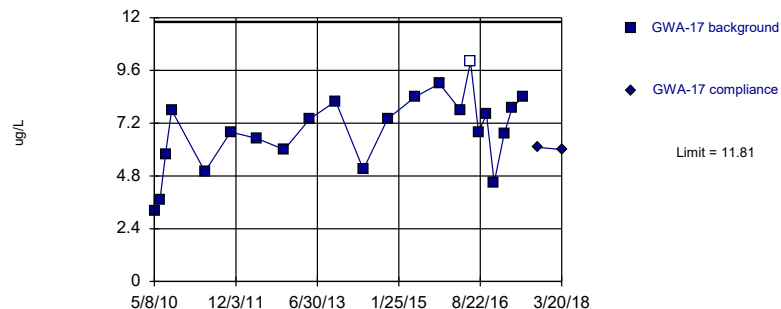
Background Data Summary (based on square root transformation): Mean=2.226, Std. Dev.=0.2896, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8803, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



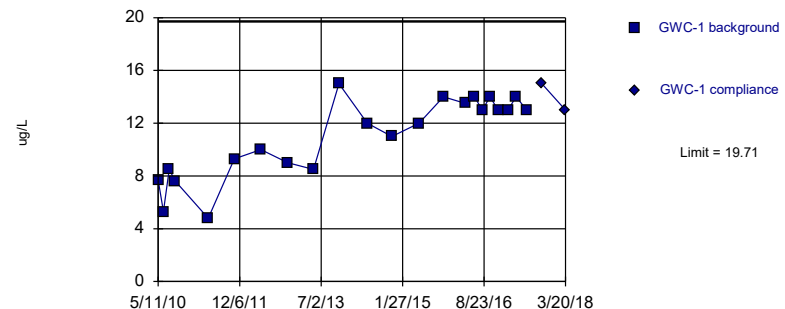
Background Data Summary: Mean=6.818, Std. Dev.=1.724, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9686, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limit

Prediction Limit Intrawell Parametric



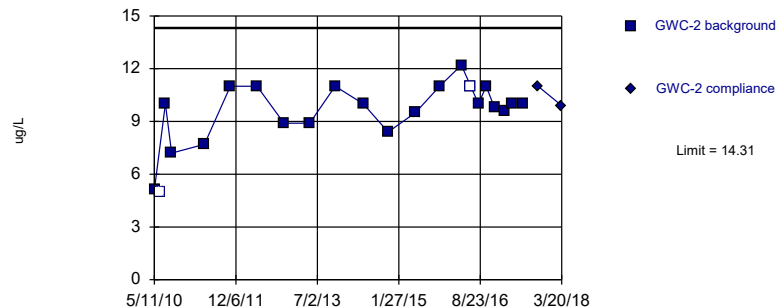
Background Data Summary: Mean=11.01, Std. Dev.=3.008, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9102, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



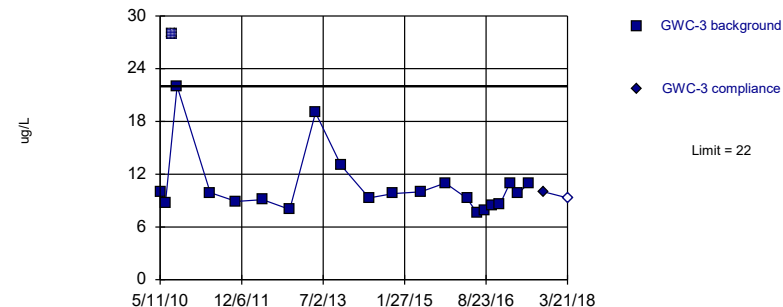
Background Data Summary: Mean=9.681, Std. Dev.=1.601, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8948, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



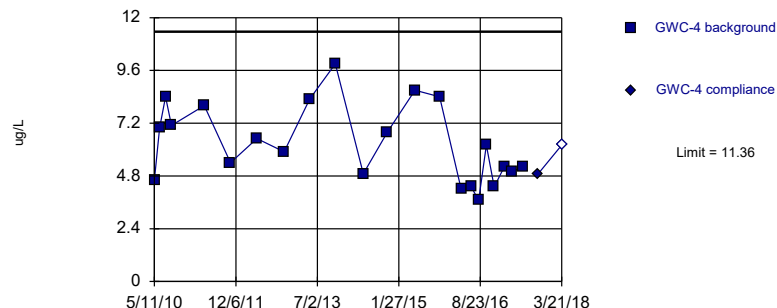
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



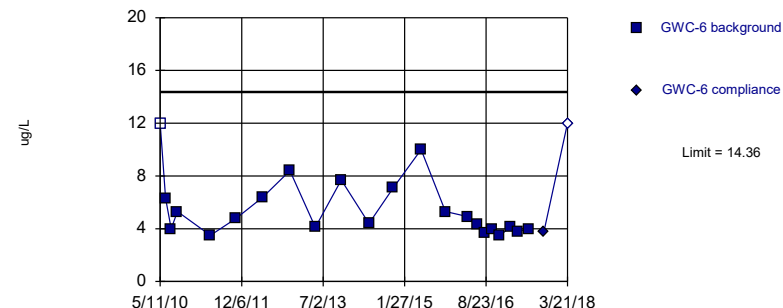
Background Data Summary: Mean=6.272, Std. Dev.=1.759, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9457, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



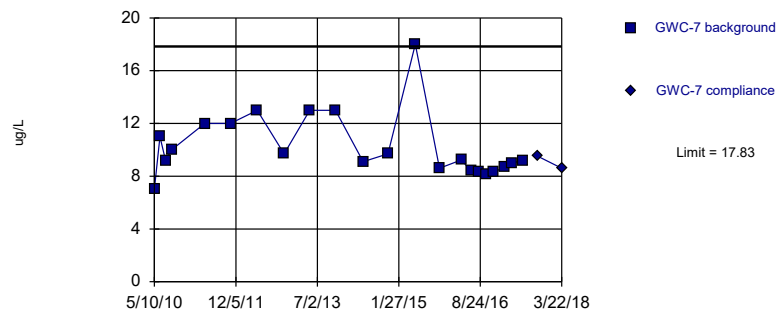
Background Data Summary (based on natural log transformation): Mean=1.645, Std. Dev.=0.3525, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8902, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.175, Std. Dev.=0.362, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8791, critical = 0.878. Kappa overridden to 2.894.

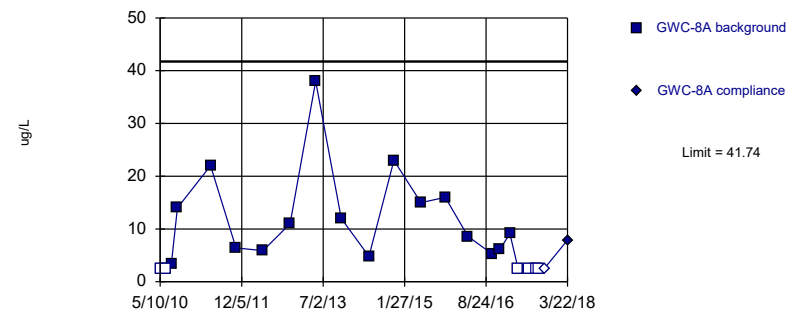
Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=2.875, Std. Dev.=1.239, n=22, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.878. Kappa overridden to 2.894.

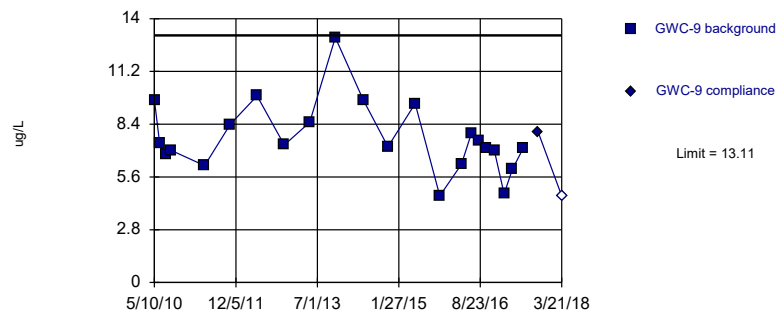
Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



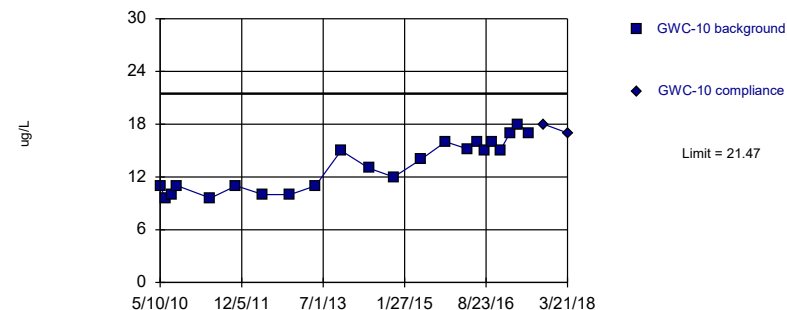
Background Data Summary: Mean=7.671, Std. Dev.=1.879, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric

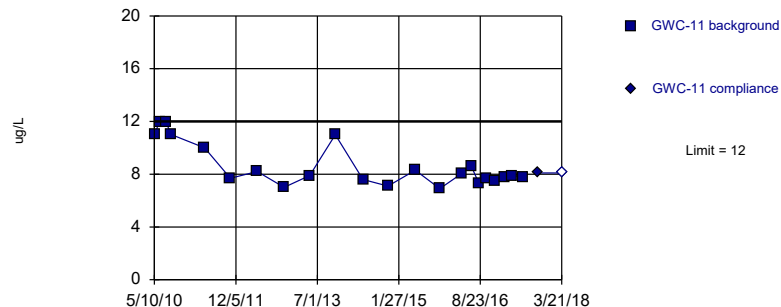


Background Data Summary: Mean=13.29, Std. Dev.=2.827, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9012, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

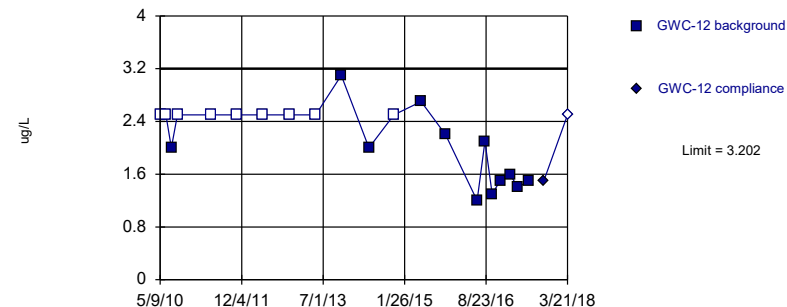


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

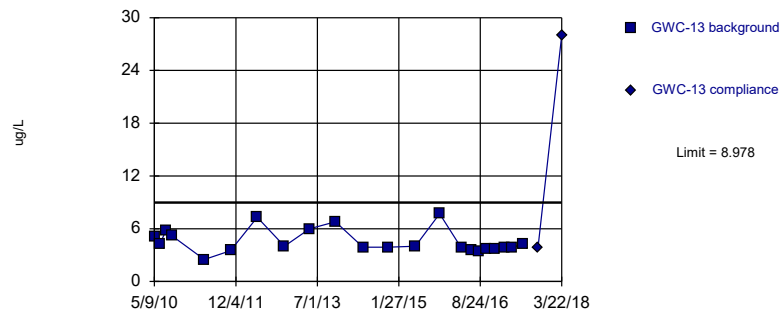


Background Data Summary (after Kaplan-Meier Adjustment): Mean=1.722, Std. Dev.=0.5112, n=21, 42.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8869, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

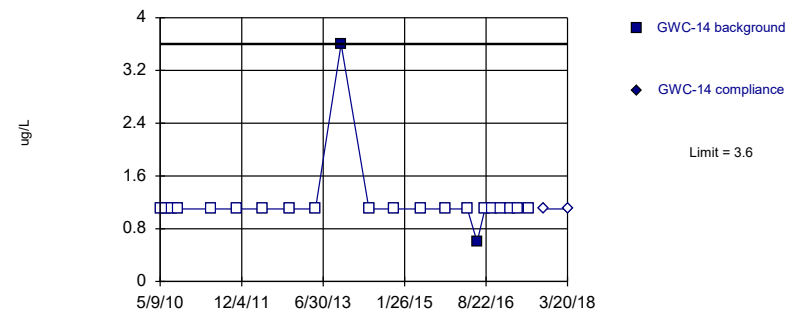


Background Data Summary (based on square root transformation): Mean=2.111, Std. Dev.=0.3059, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8876, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

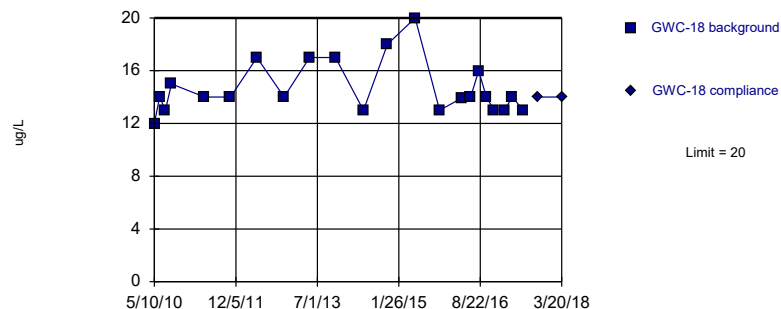


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



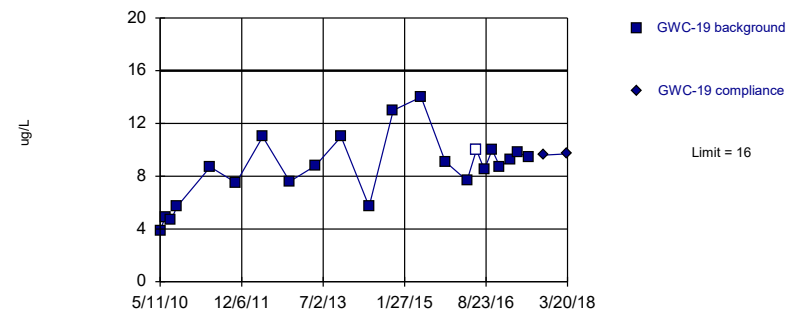
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



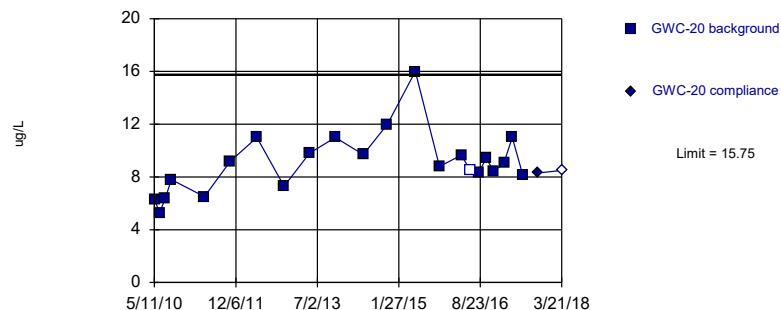
Background Data Summary: Mean=8.59, Std. Dev.=2.561, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9673, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



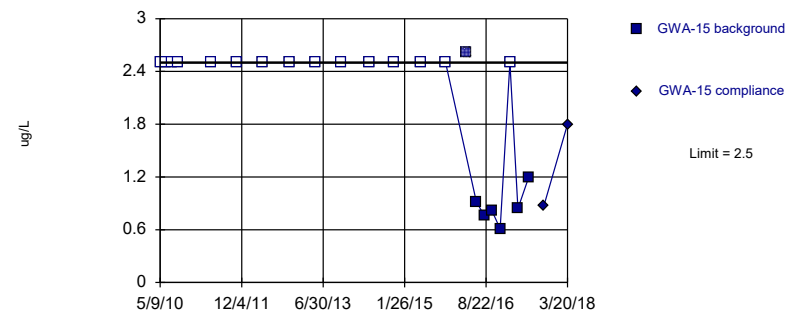
Background Data Summary: Mean=9.07, Std. Dev.=2.309, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9272, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



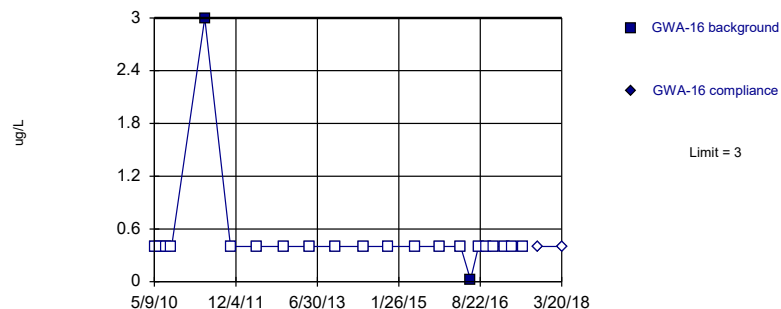
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



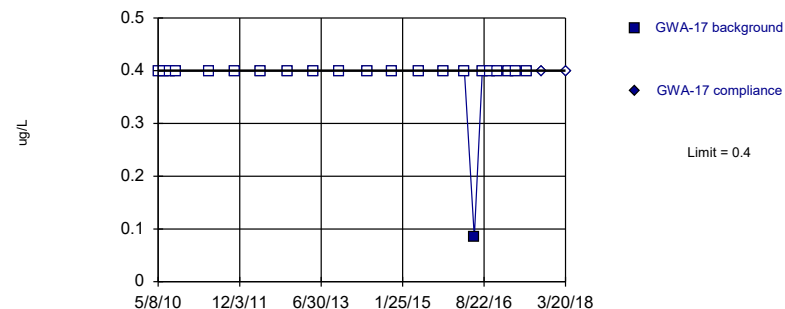
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



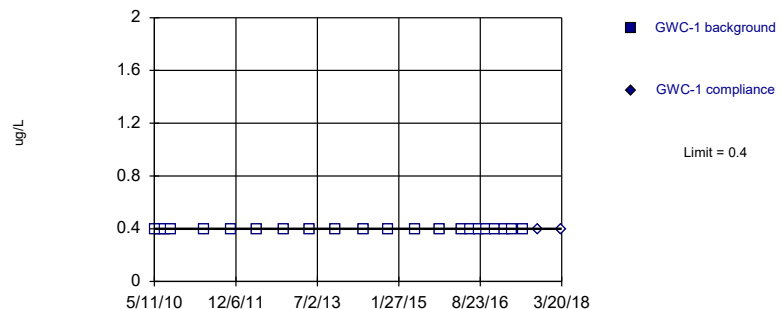
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



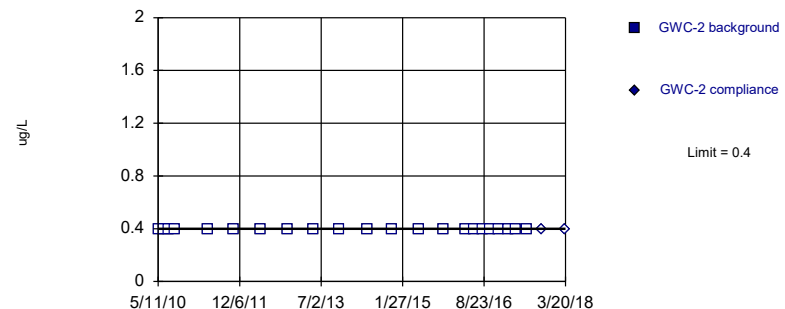
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



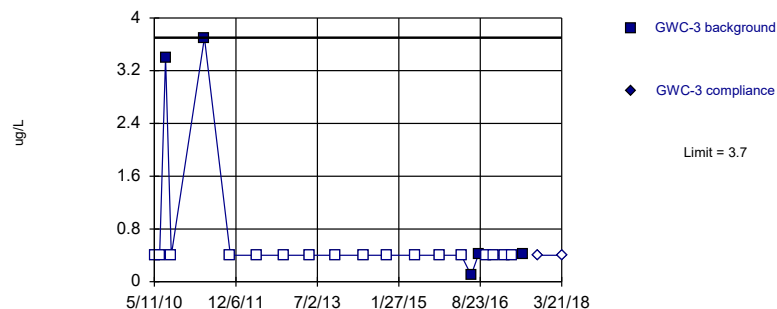
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



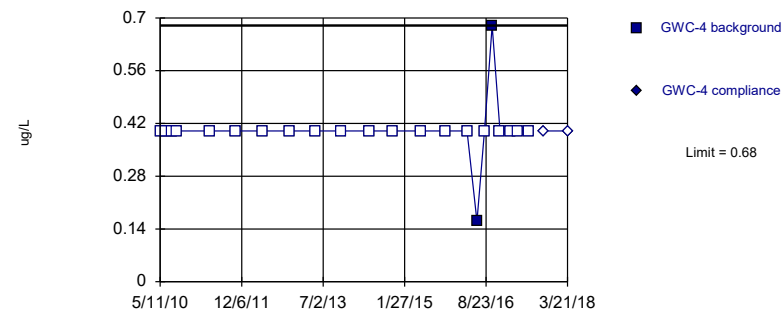
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



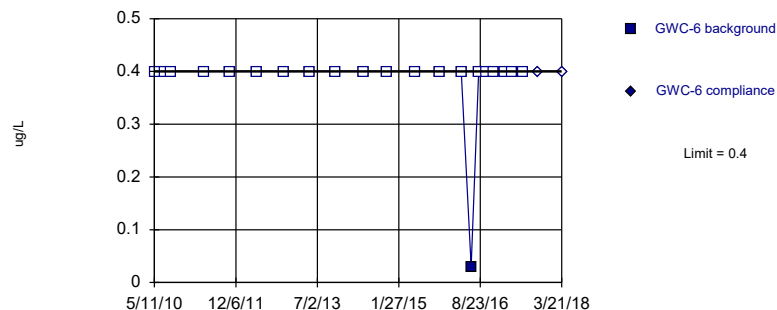
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



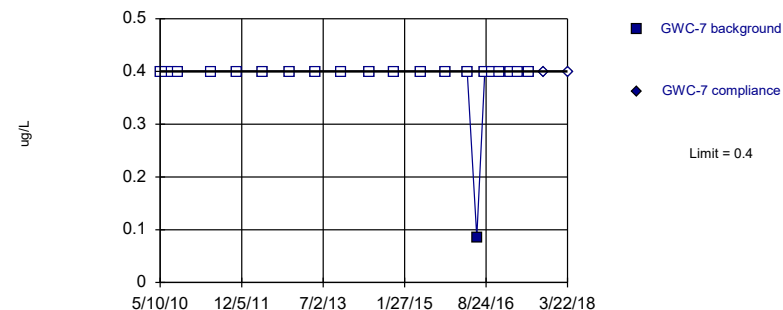
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

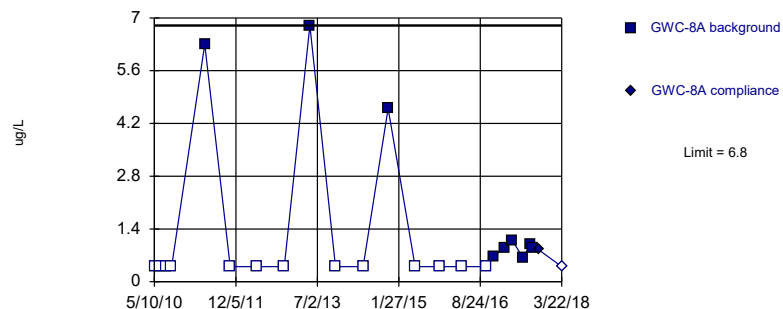


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

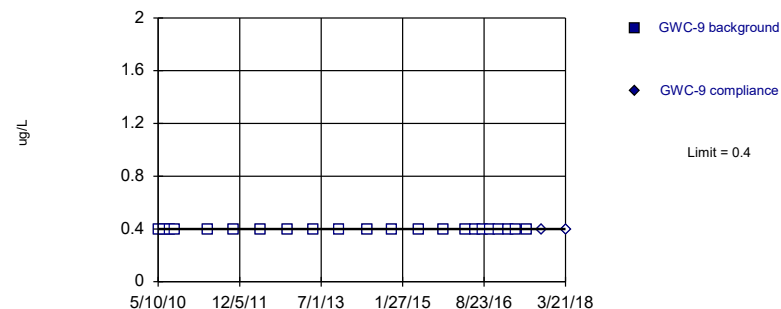


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

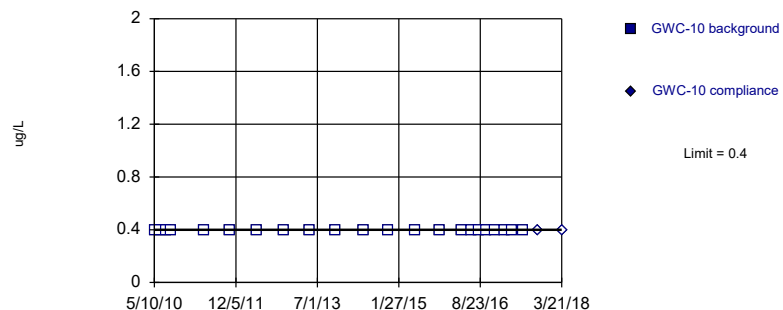


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

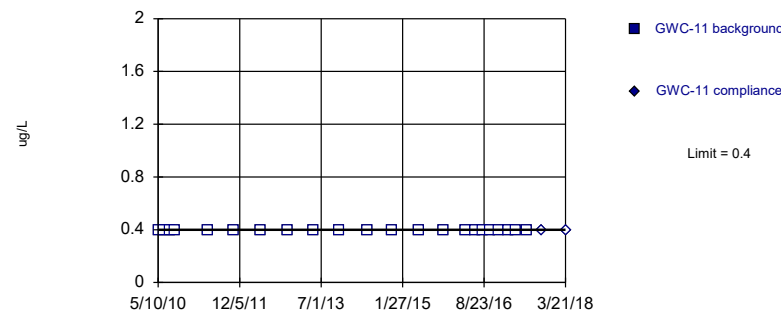


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

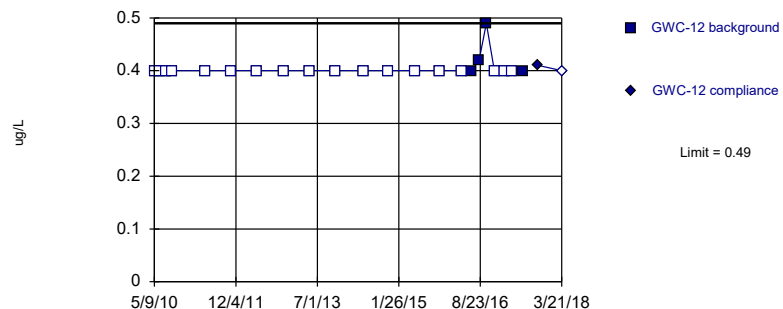


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

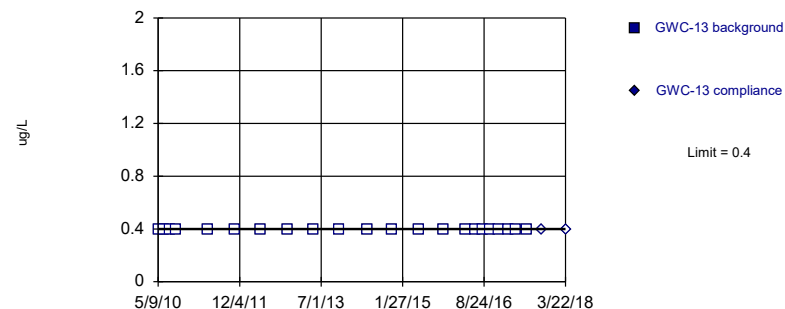


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

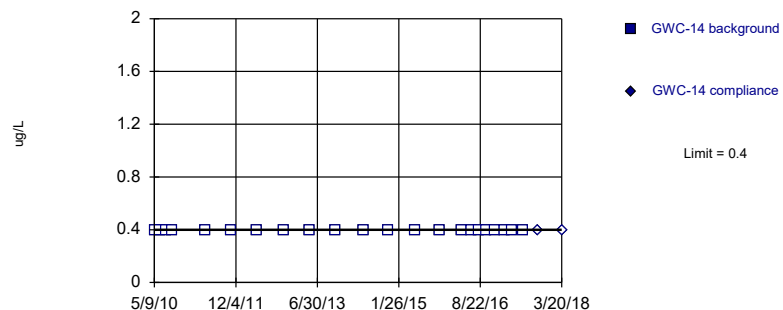


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

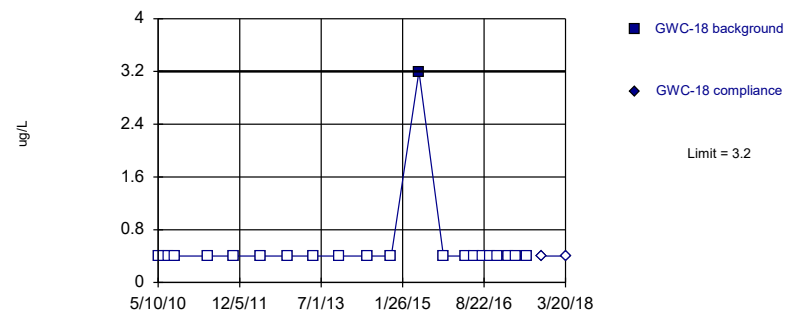


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



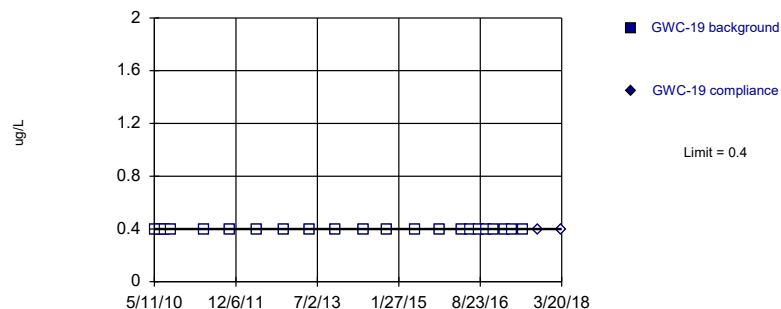
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



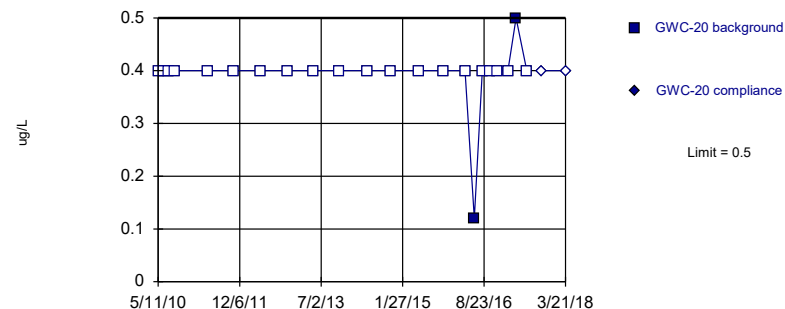
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



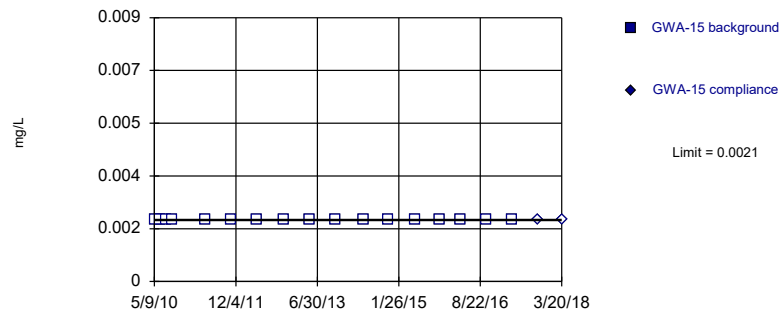
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



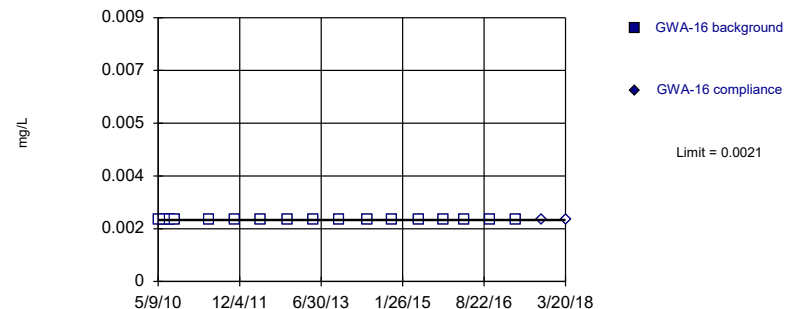
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

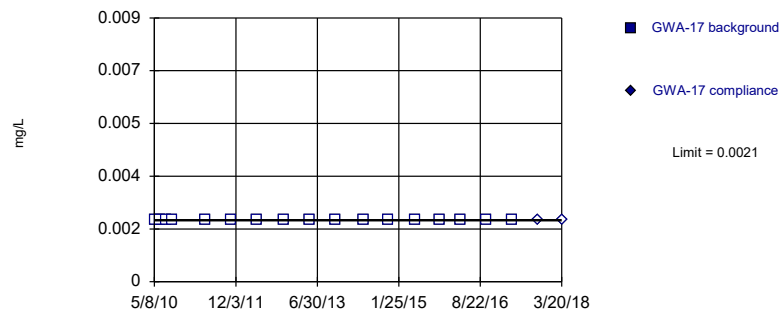


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

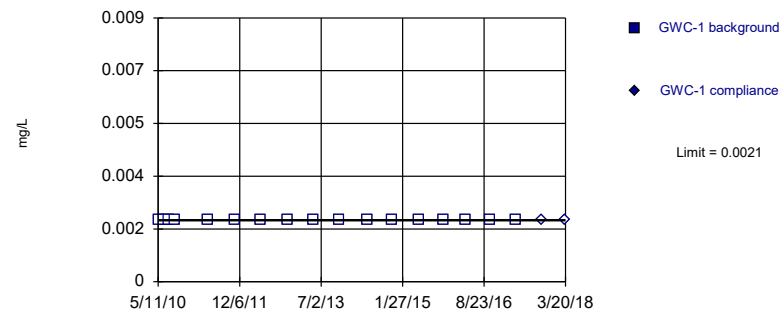


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

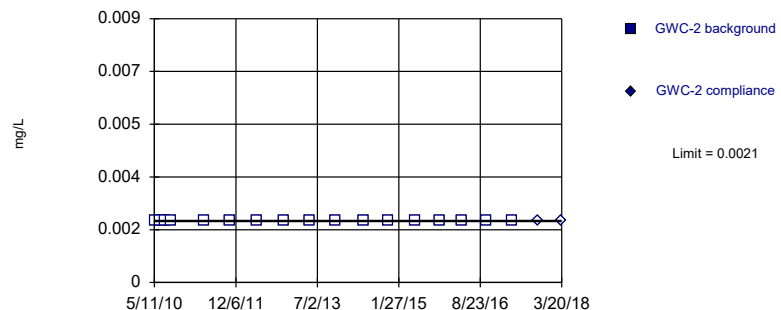


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

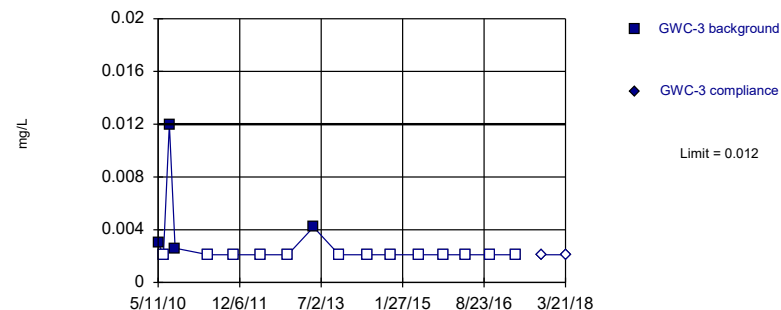


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

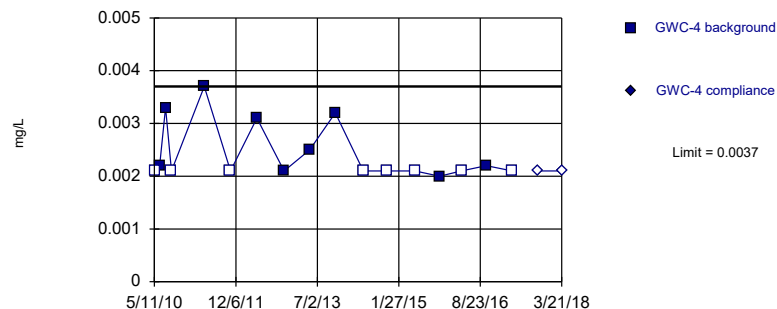


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

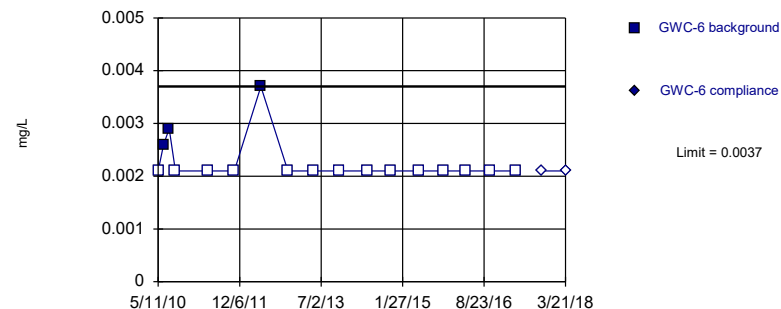


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 47.06% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

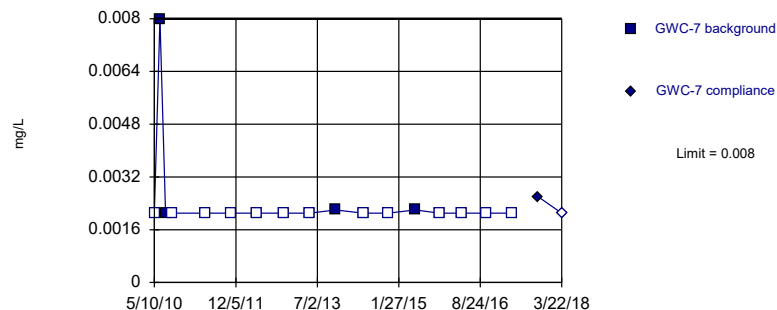


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

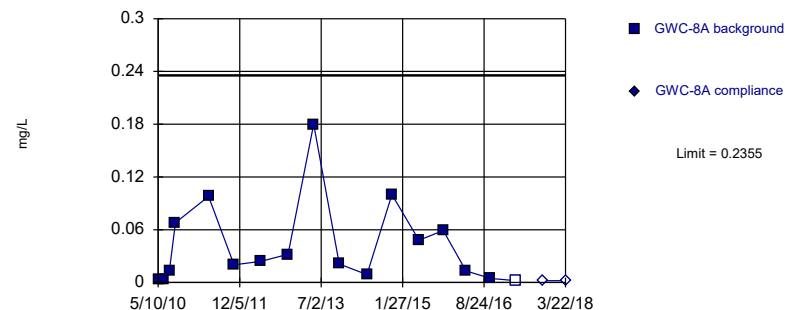


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

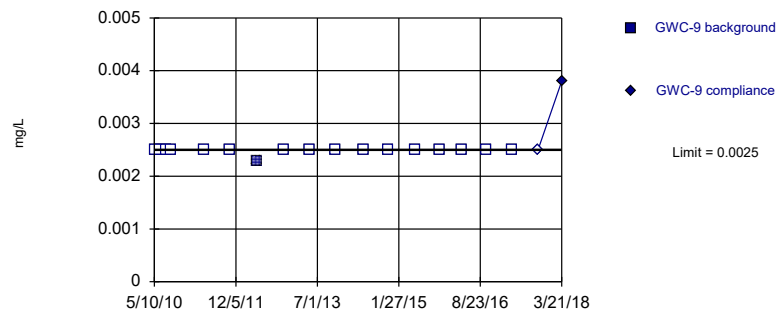


Background Data Summary (based on square root transformation): Mean=0.1739, Std. Dev.=0.1076, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.851. Kappa overridden to 2.894.

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

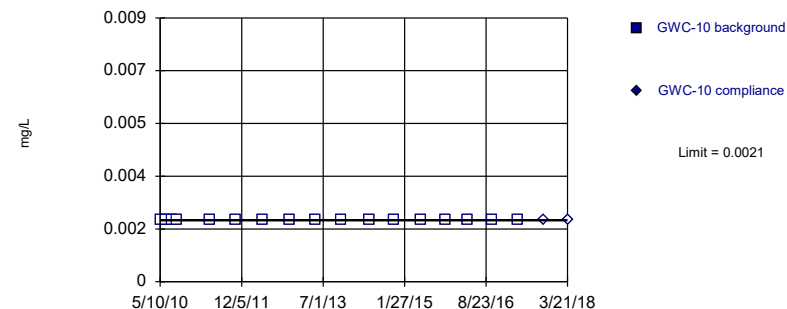


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

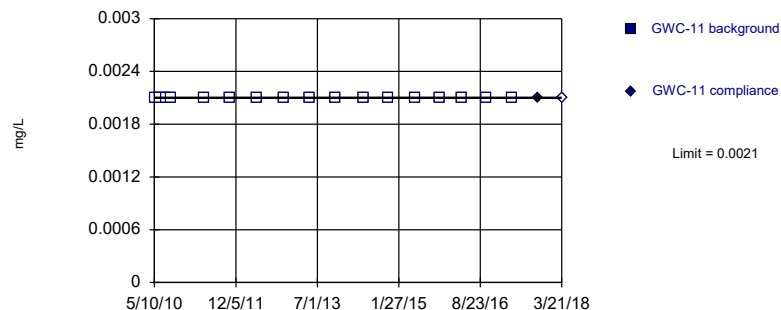


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

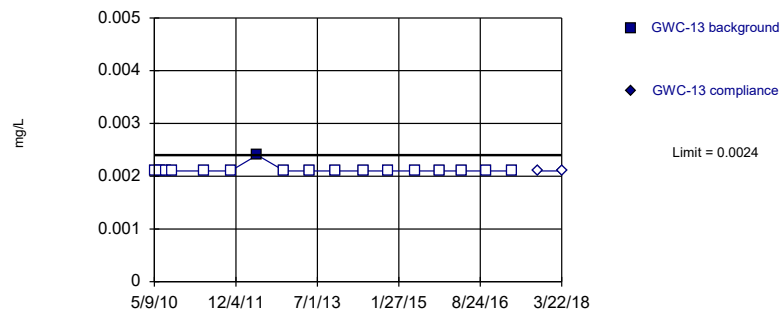


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

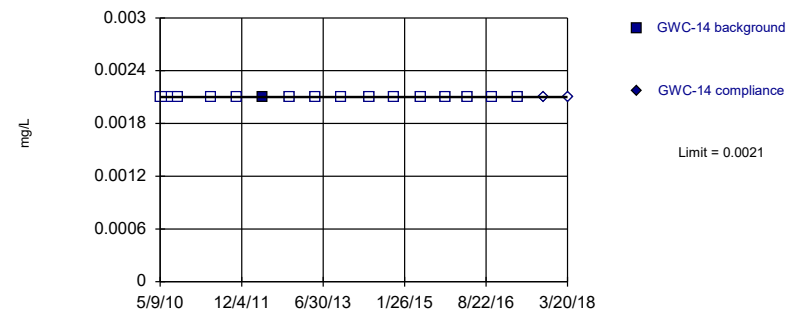


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

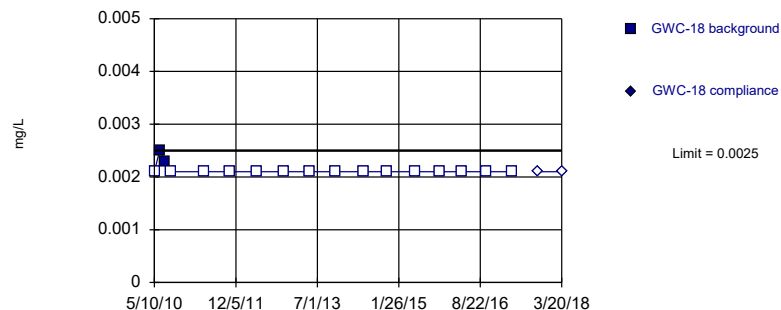


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

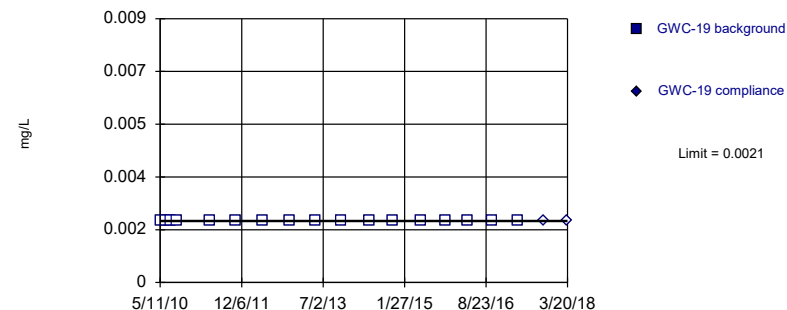


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

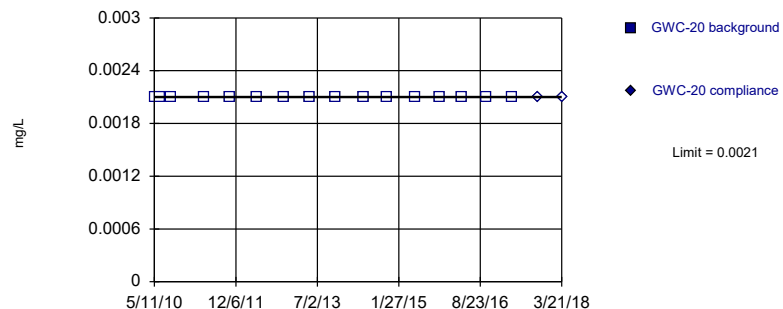


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

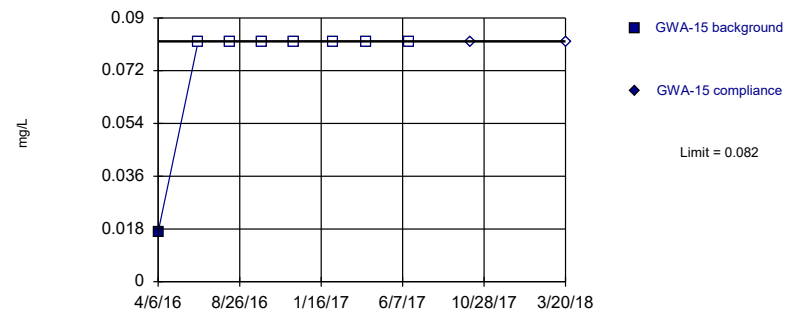


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

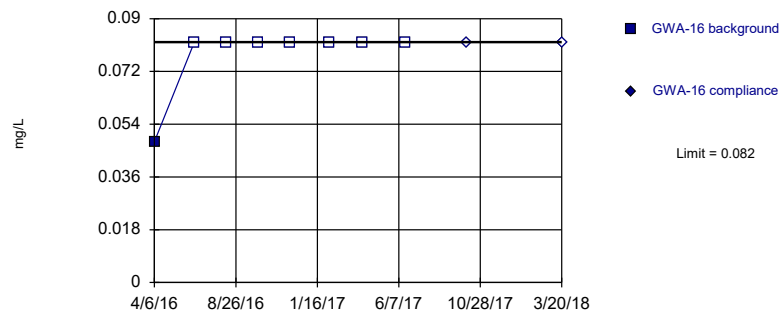


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

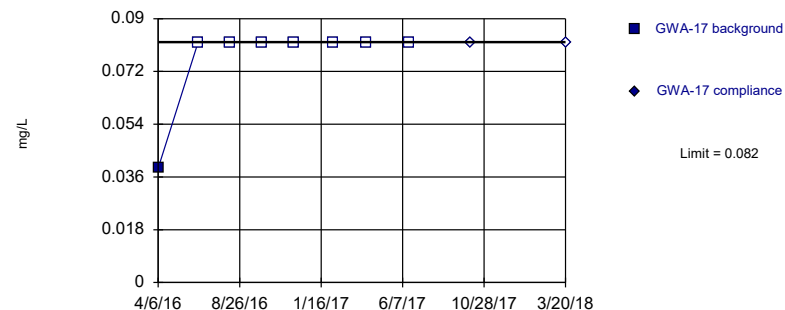


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



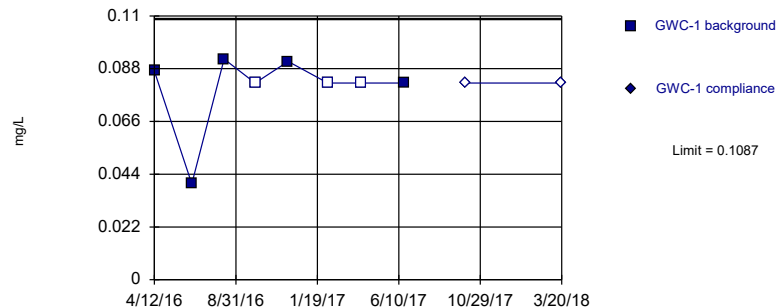
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



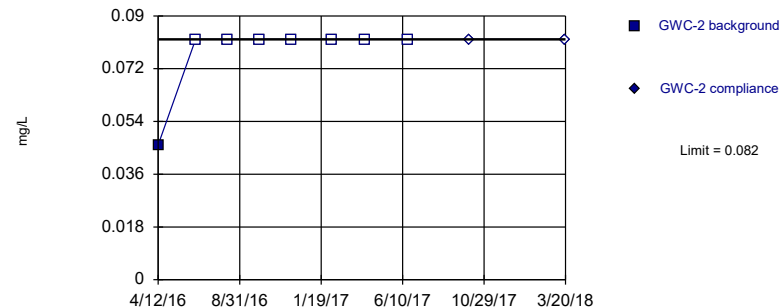
Background Data Summary (based on cube transformation) (after Kaplan-Meier Adjustment): Mean=0.0004661, Std. Dev.=0.0002828, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7777, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



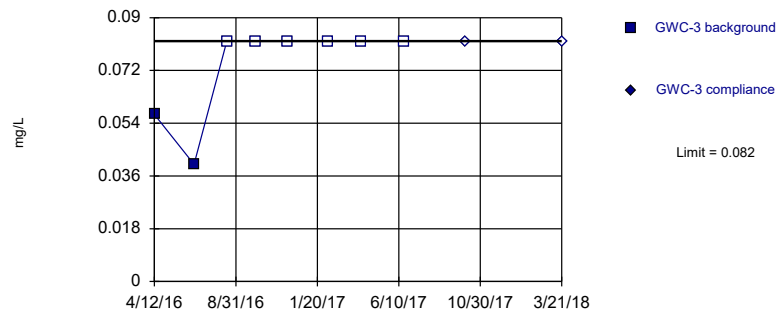
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



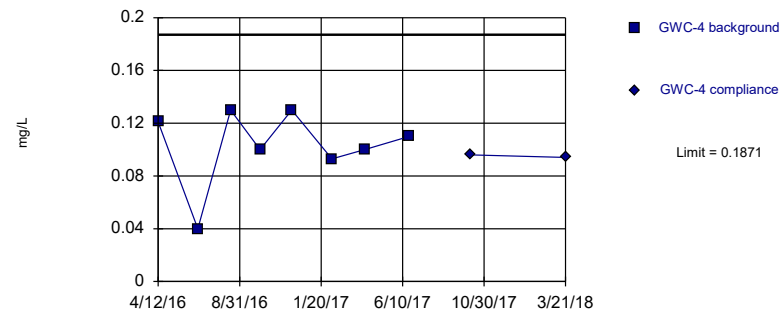
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric

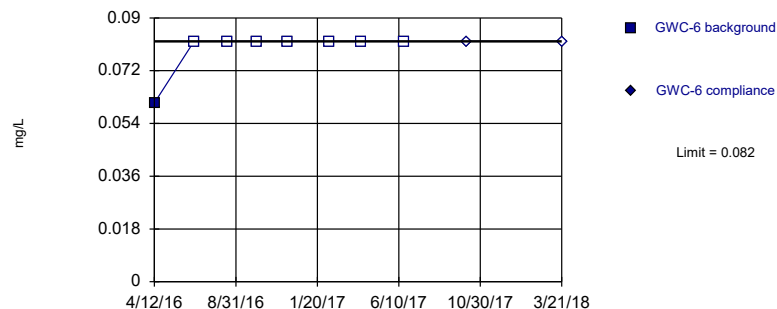


Background Data Summary: Mean=0.103, Std. Dev.=0.02908, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8374, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

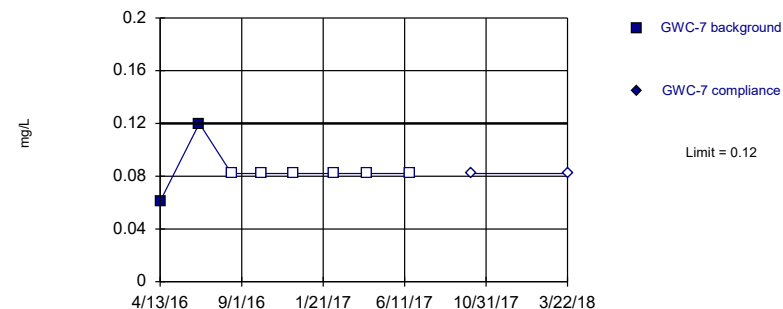


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

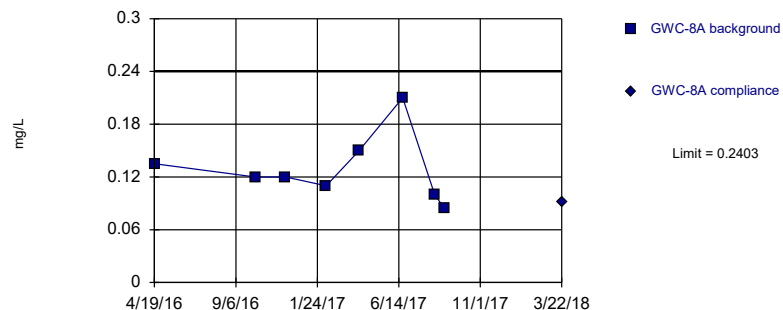


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

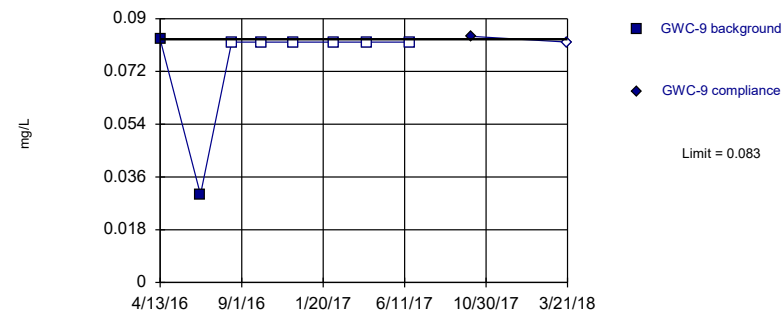


Background Data Summary: Mean=0.1286, Std. Dev.=0.03859, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8919, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

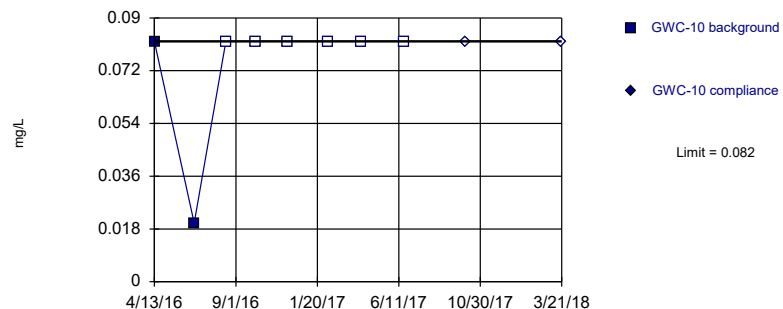


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

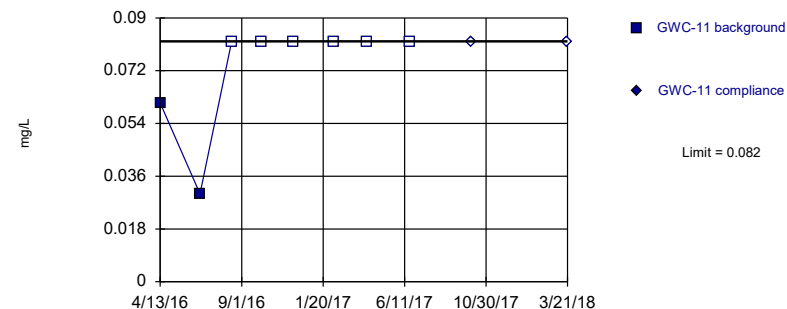


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

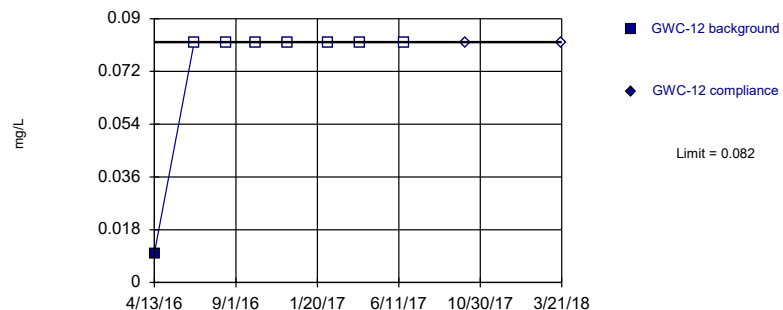


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

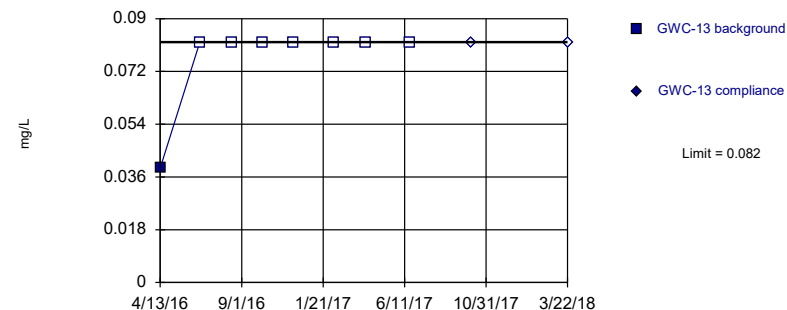


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

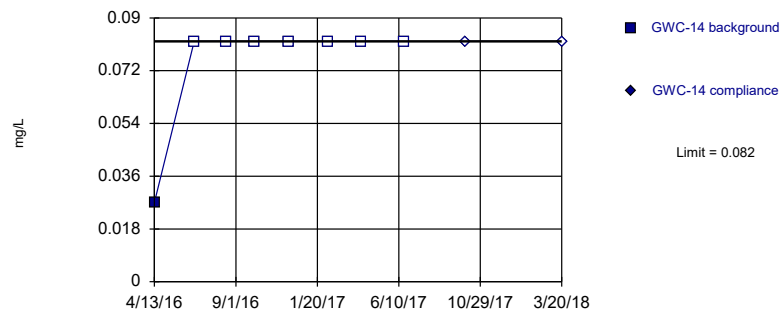


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

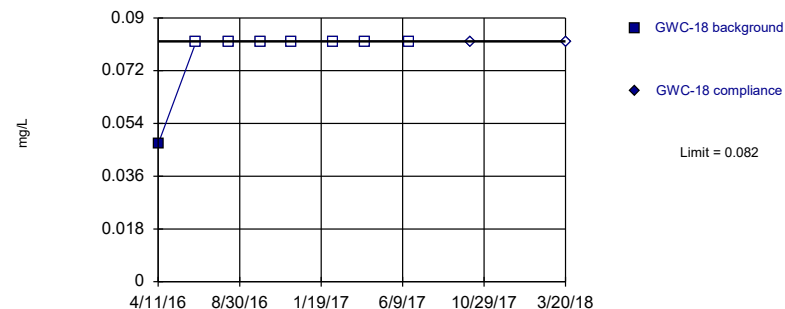


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

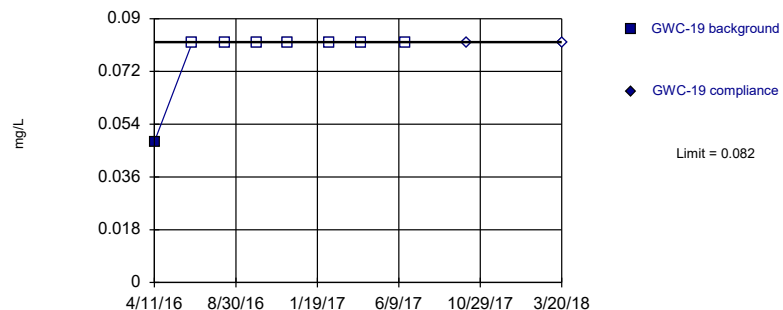


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

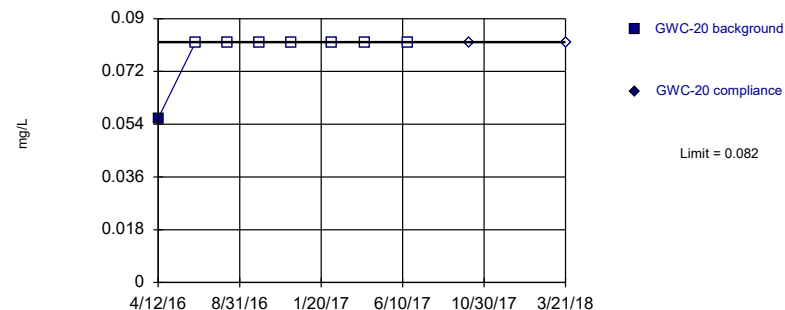


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

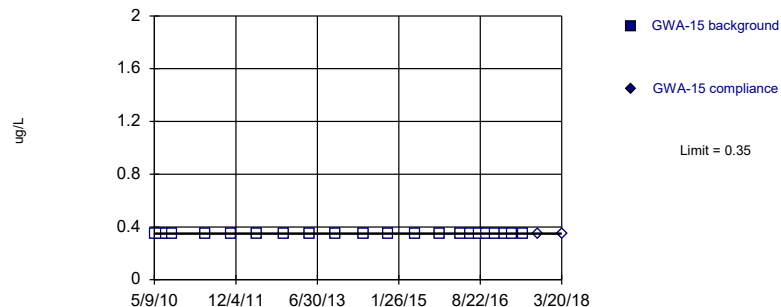


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

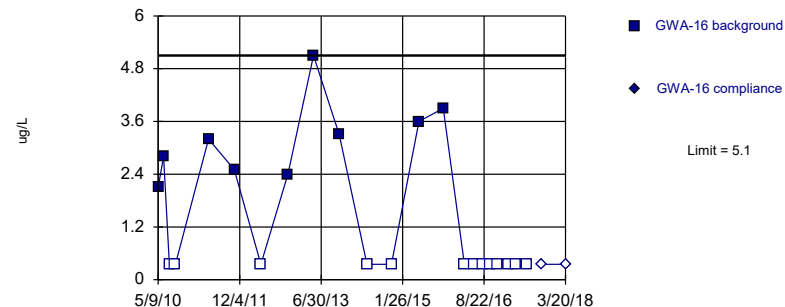


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

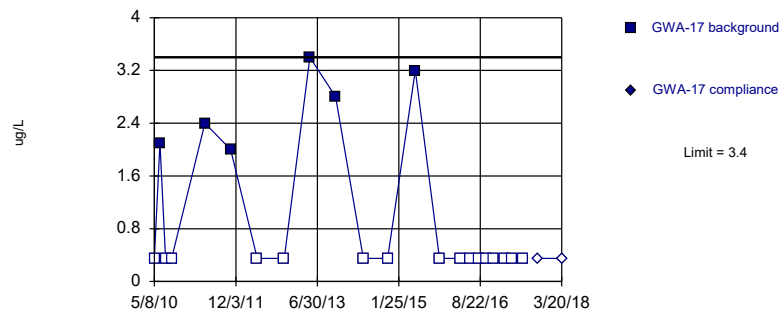


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

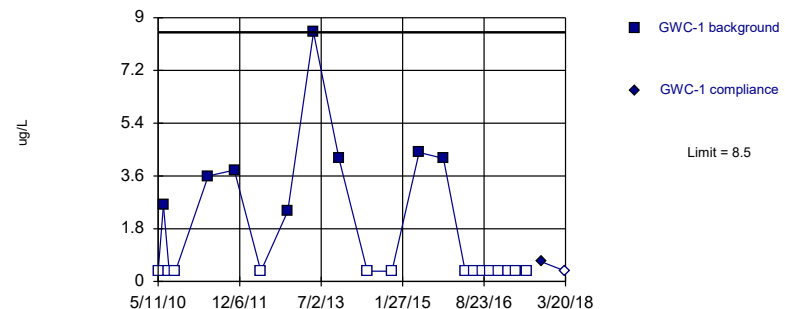


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

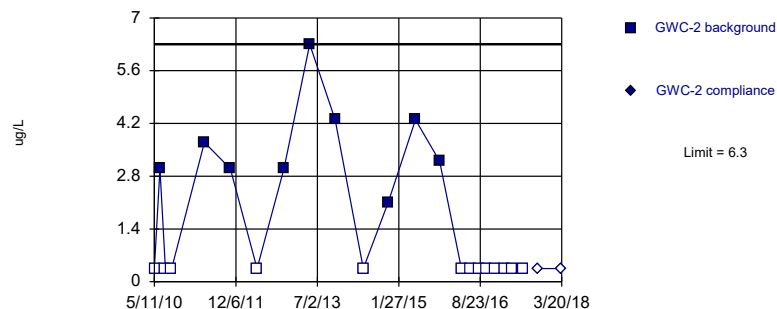


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

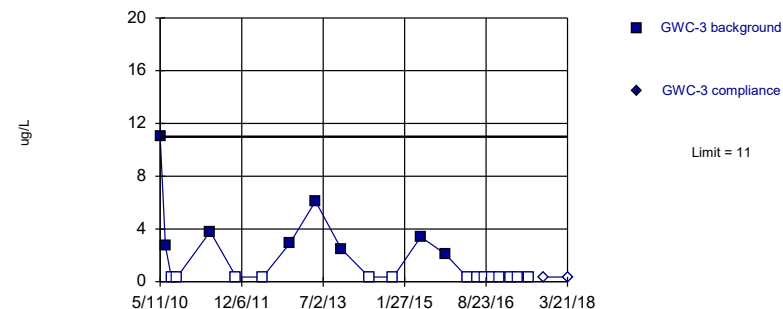


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

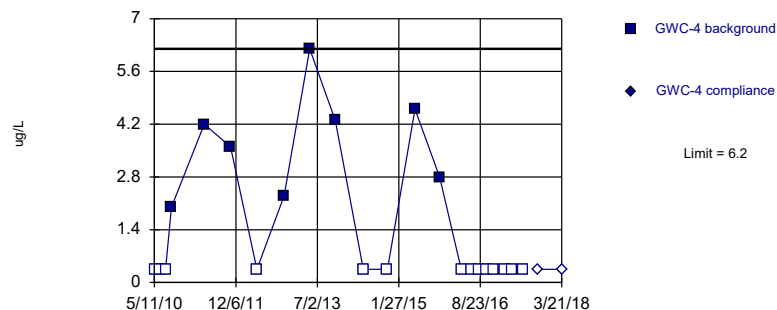


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

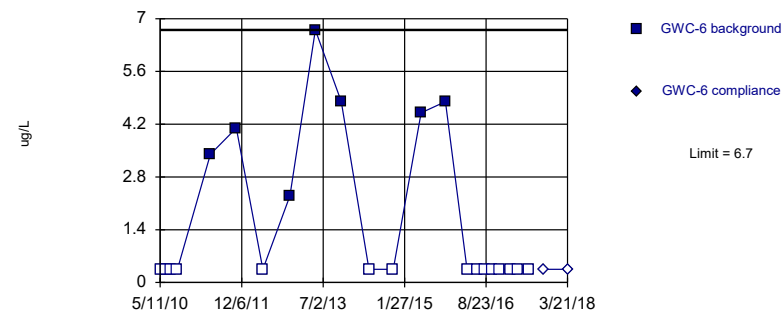


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

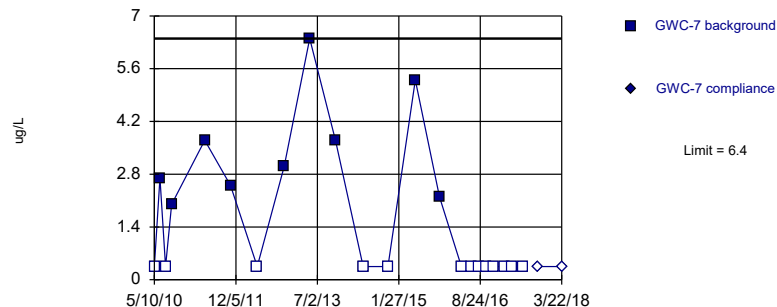


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

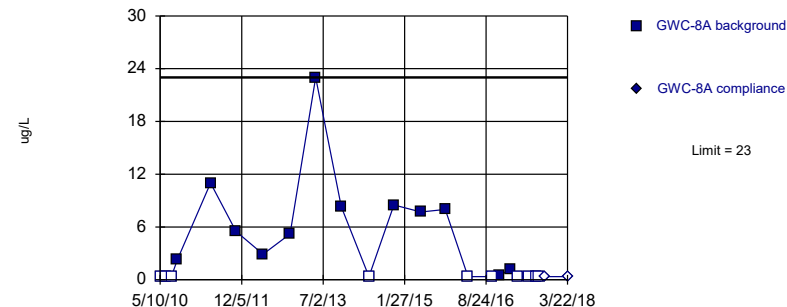


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

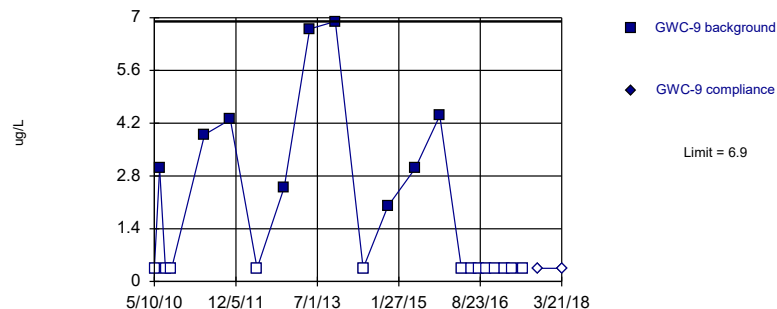


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 45.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

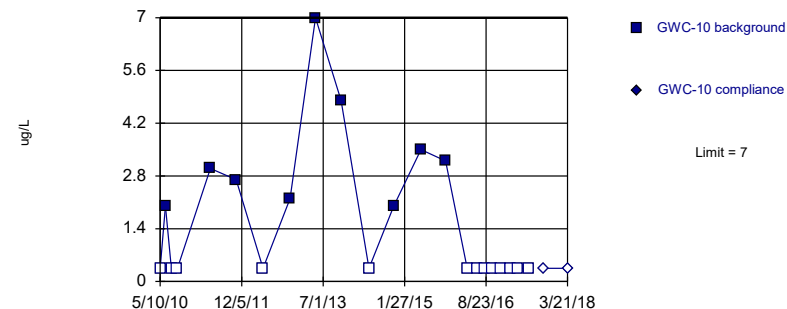


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



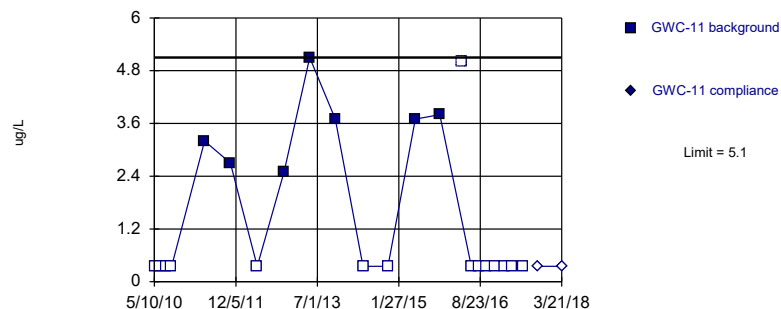
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



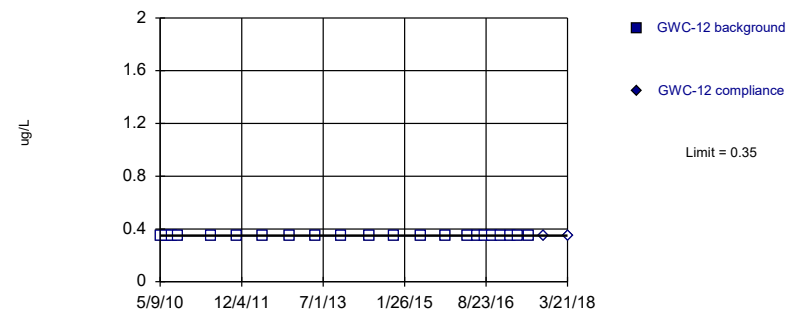
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



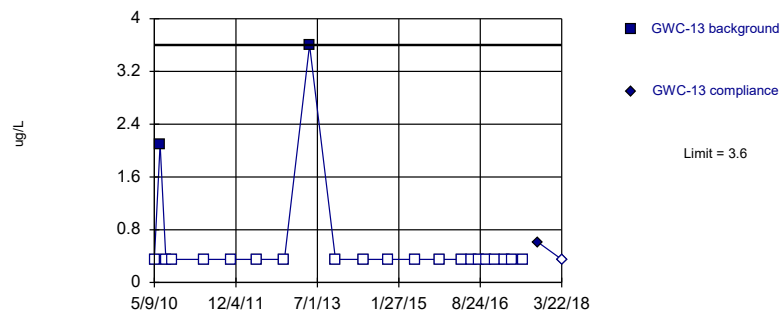
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



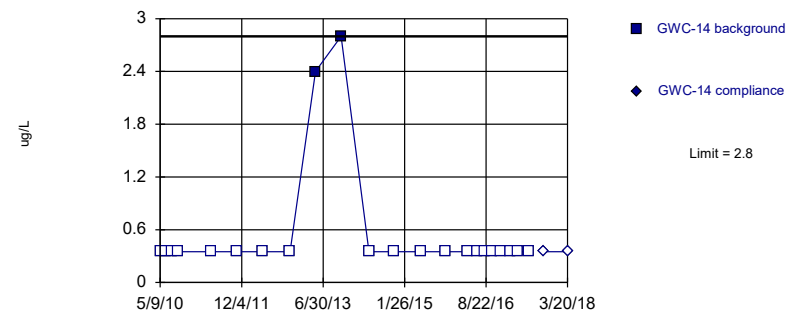
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

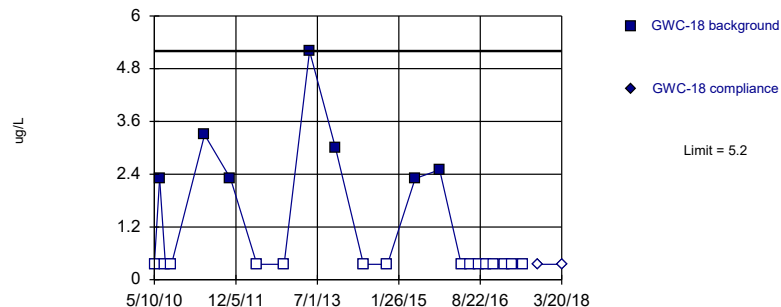


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

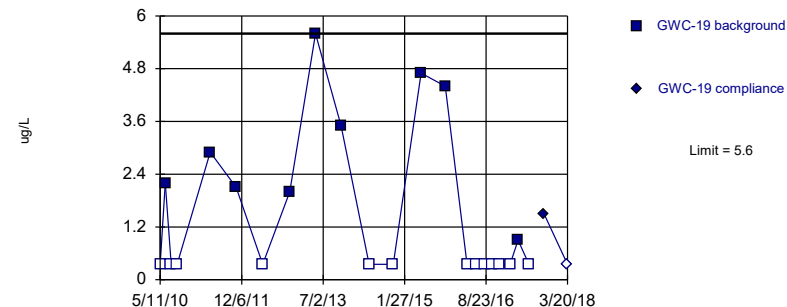


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

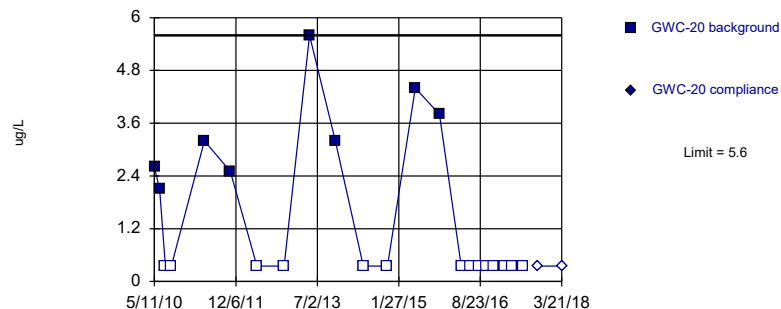


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

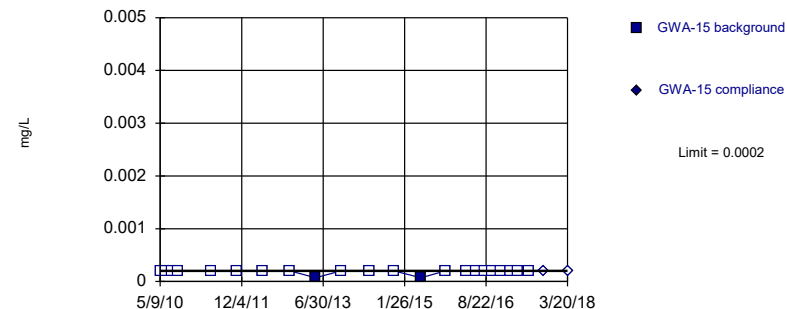


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

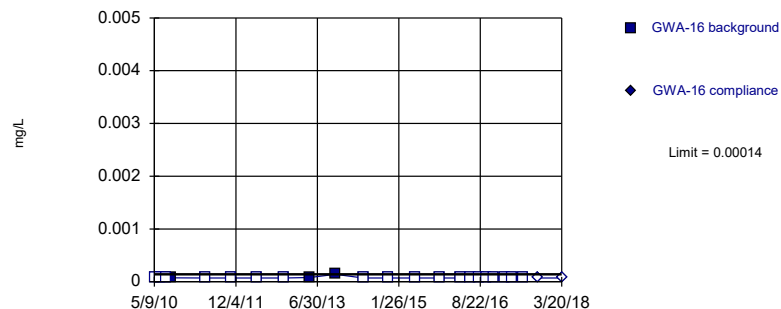


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

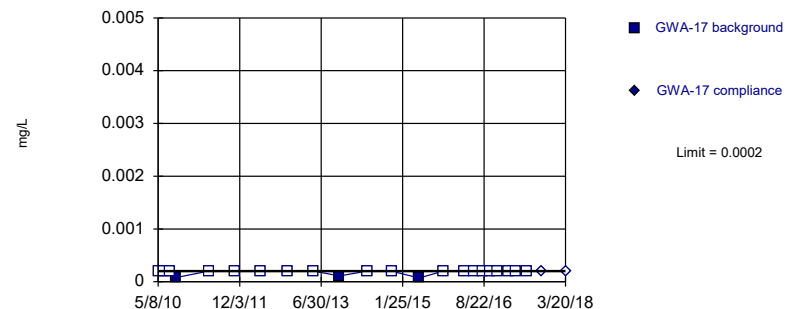


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

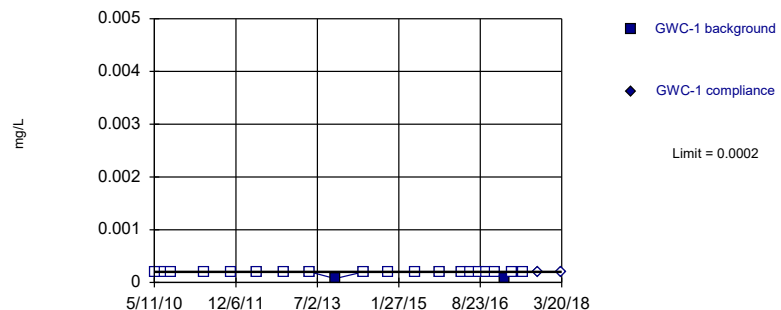


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

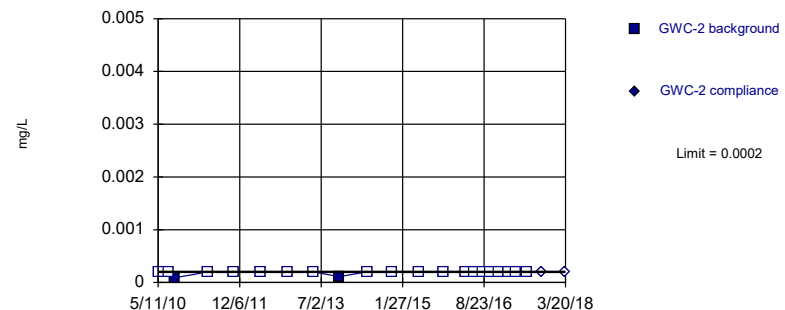


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

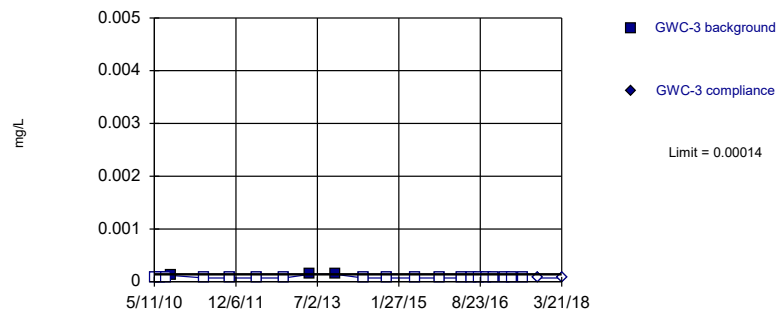


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

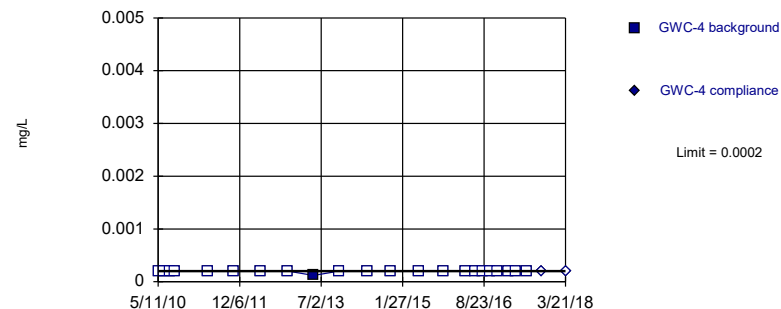


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

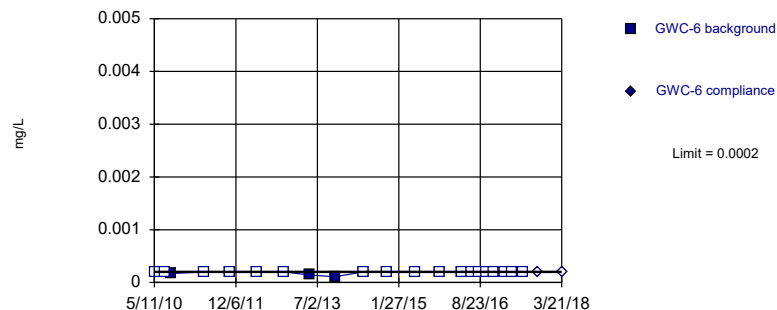


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

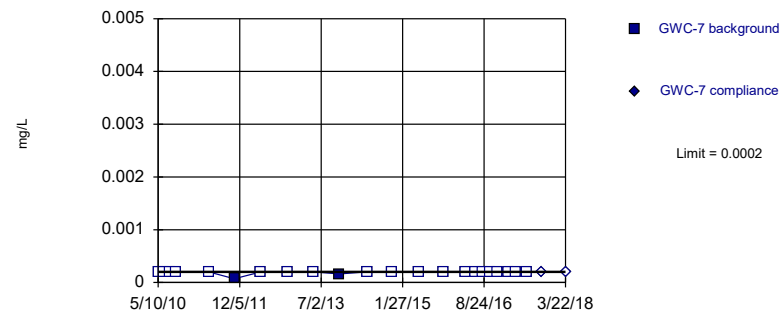


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

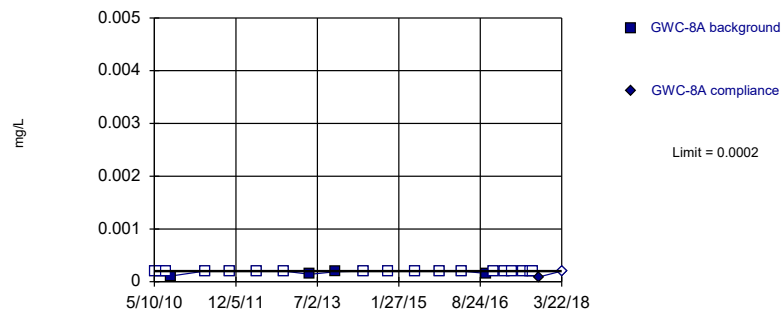


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

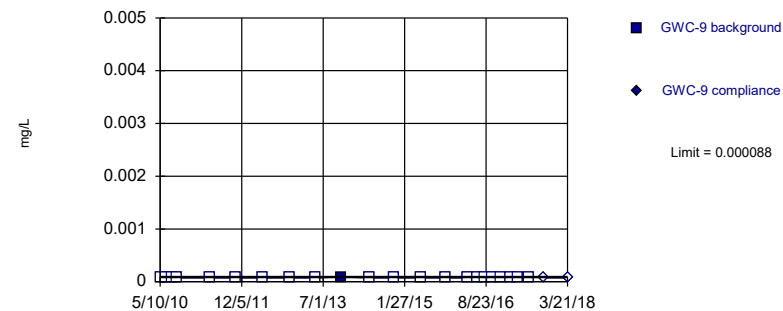


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

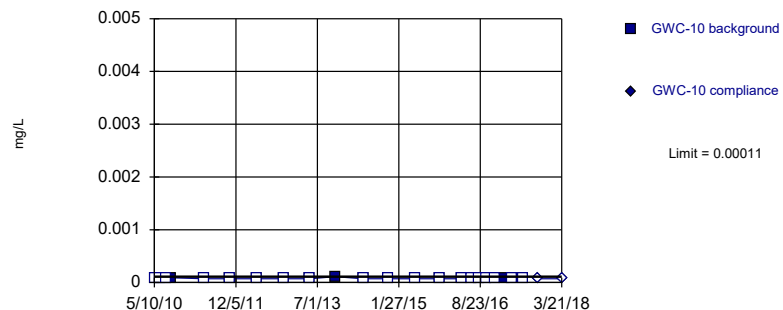


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

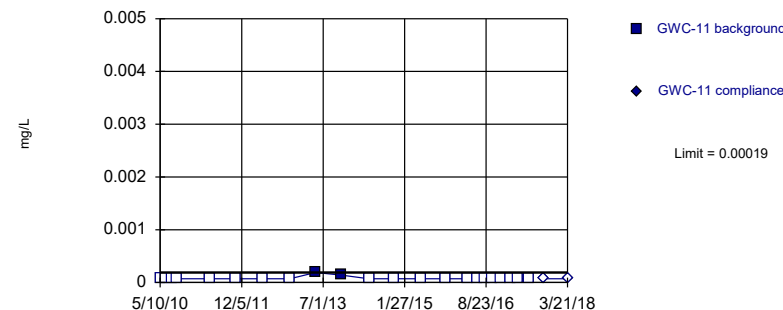


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

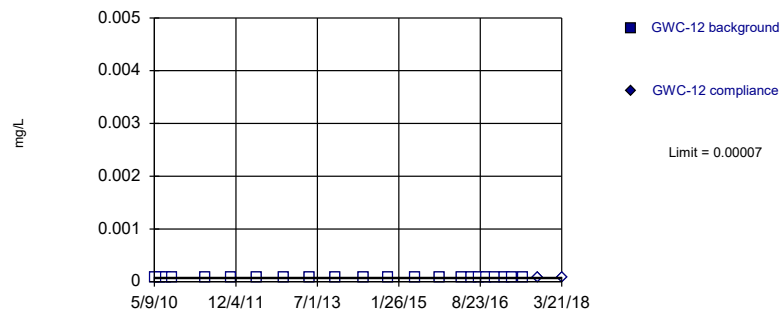


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

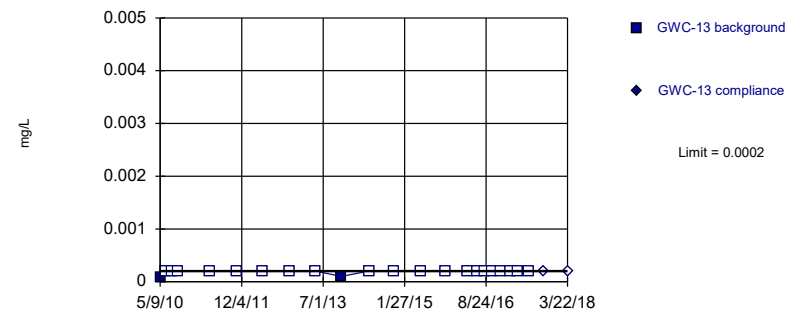


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

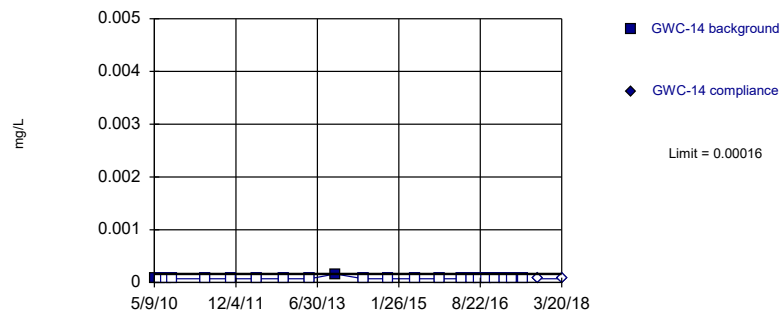


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

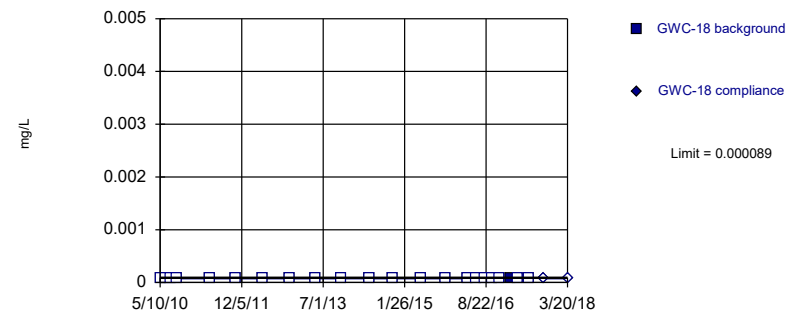


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

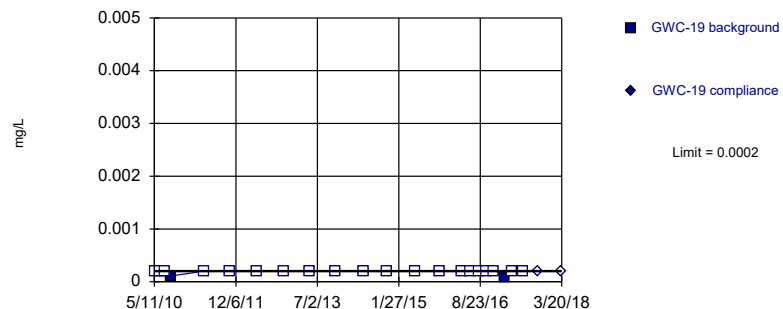


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

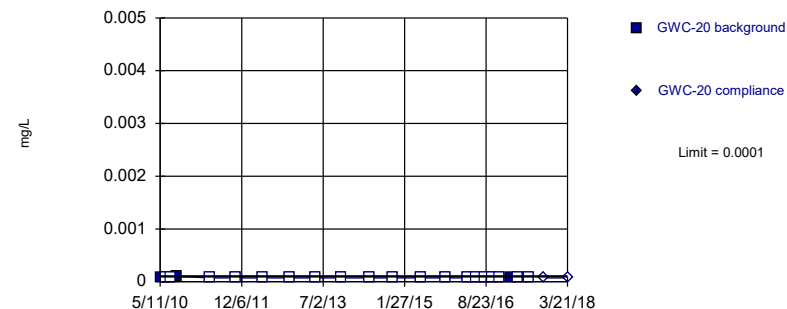


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

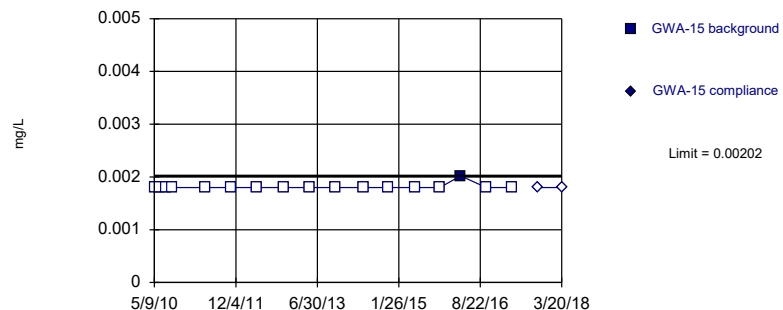


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

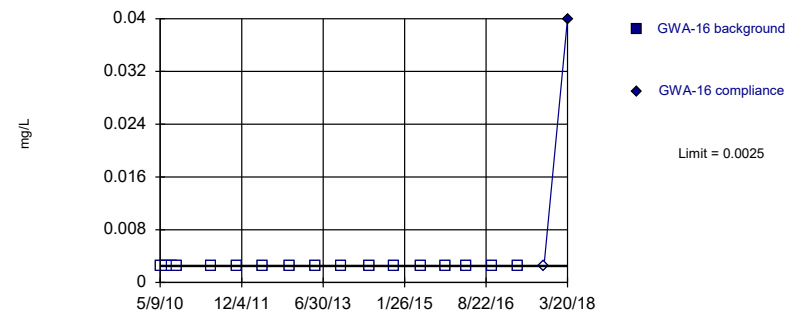


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.011179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

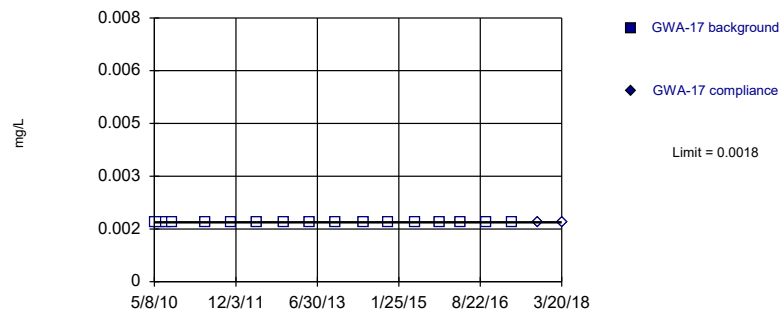


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.011179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

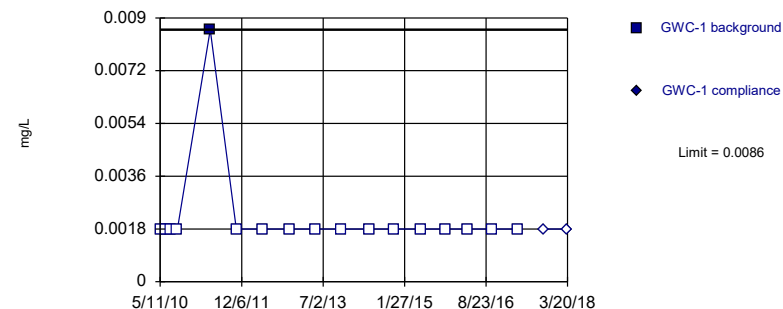


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

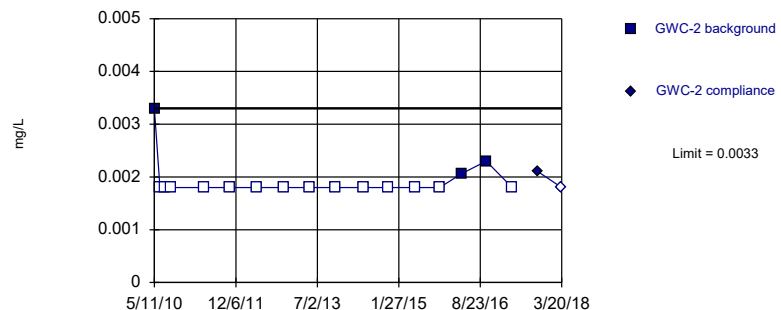


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

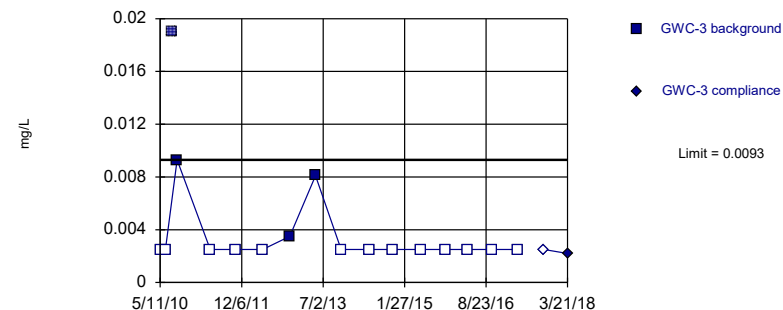


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

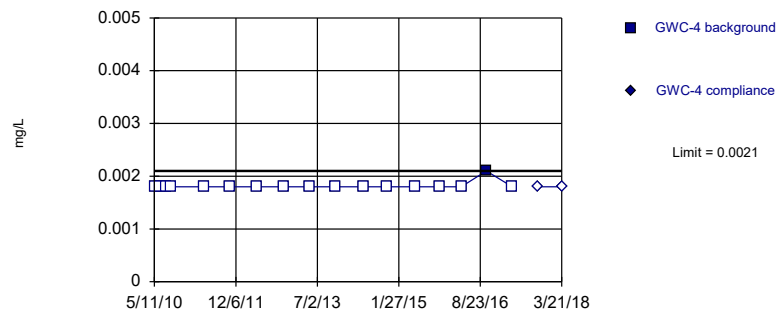


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

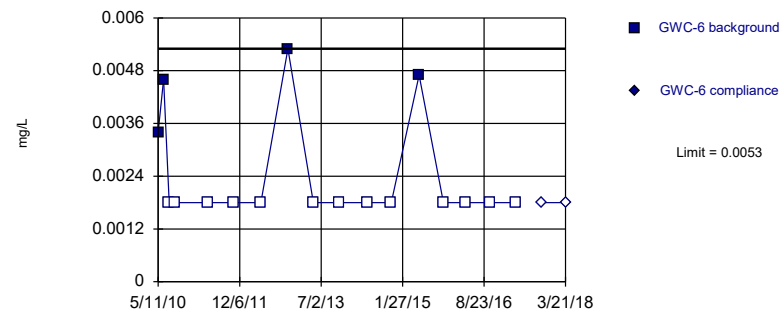


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

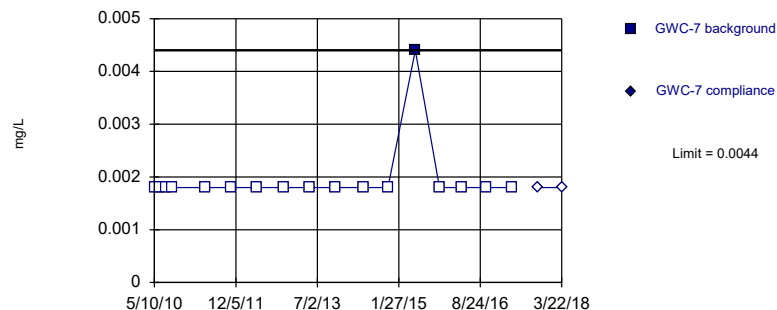


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

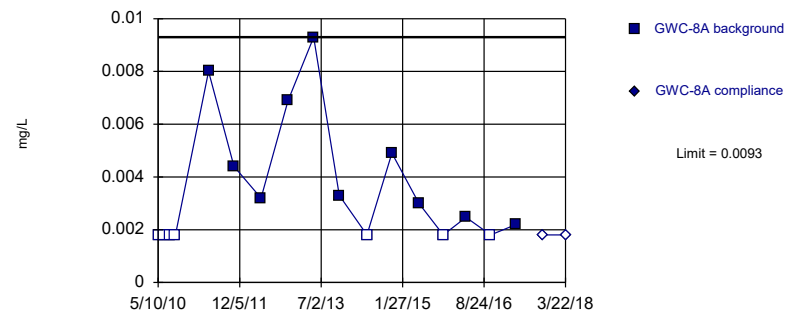


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

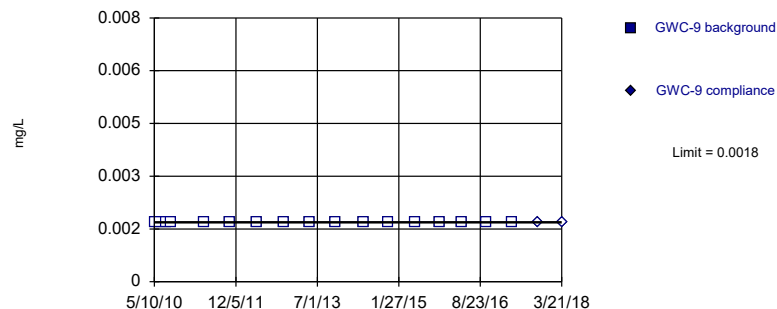


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 41.18% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

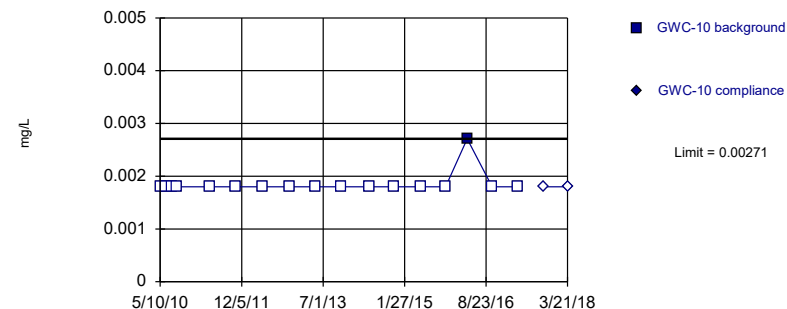


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

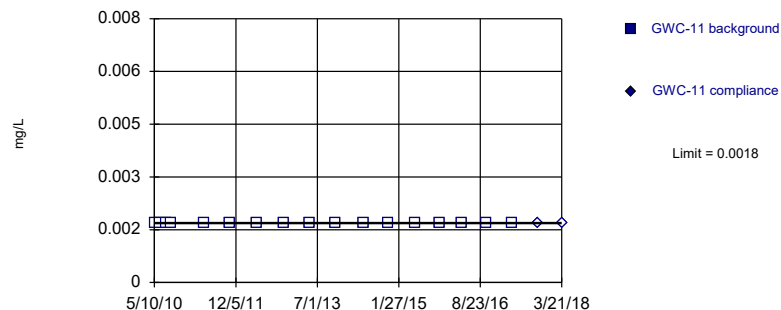


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

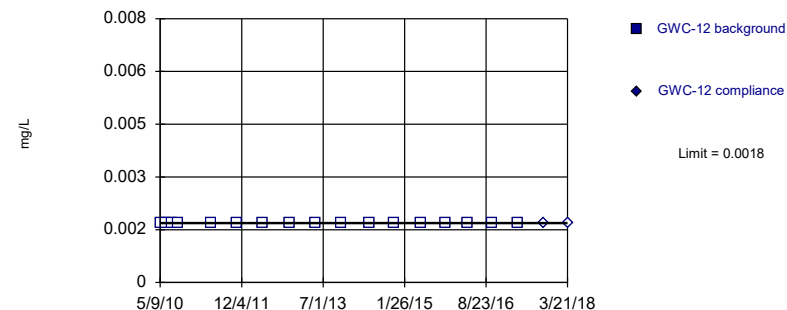


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

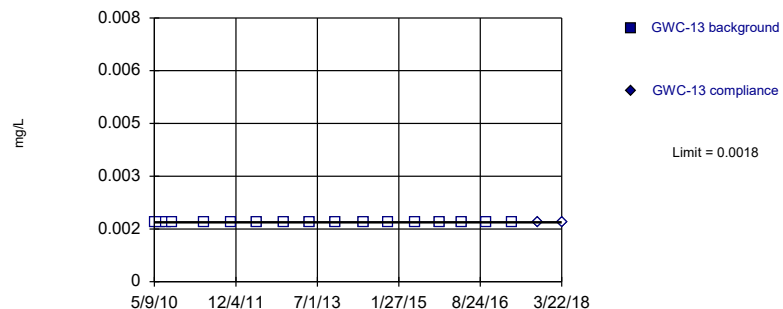


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

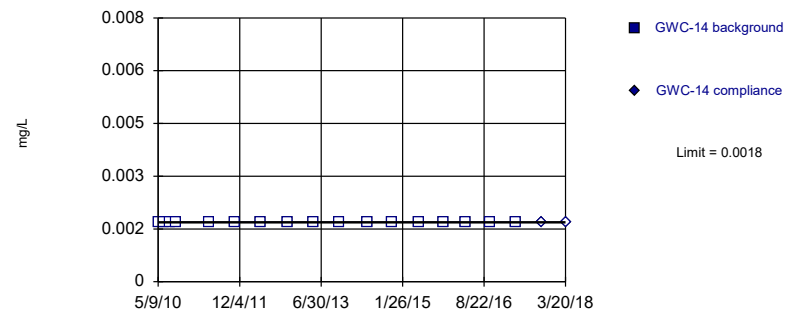


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

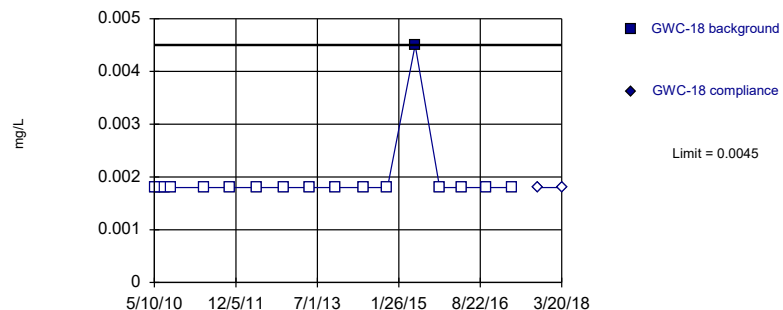


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

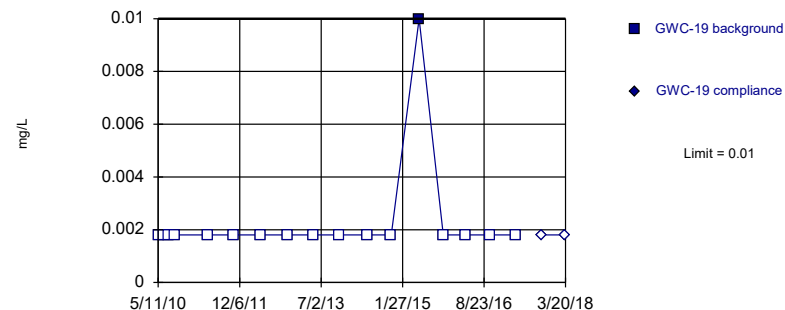


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

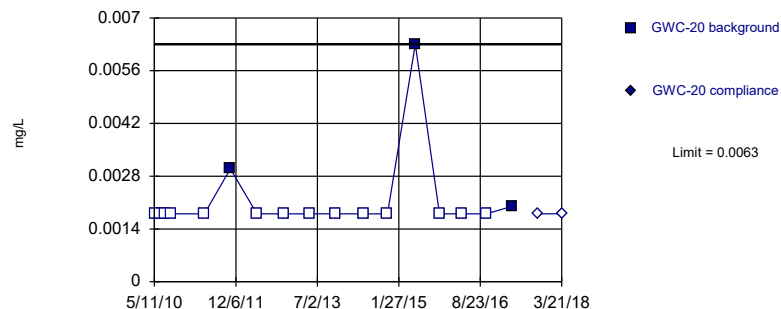


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

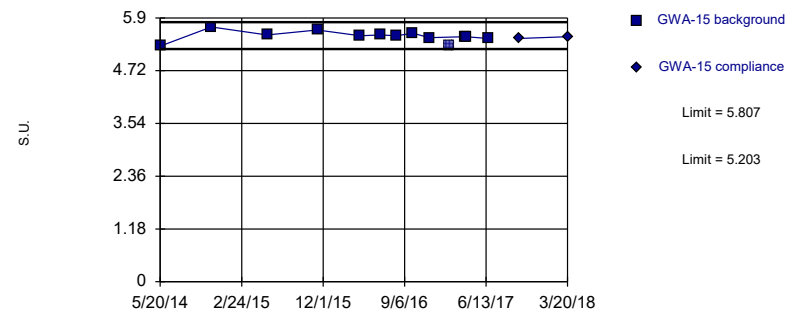


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric

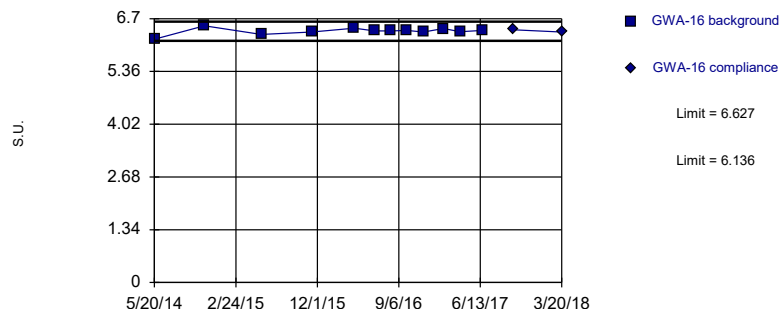


Background Data Summary: Mean=5.505, Std. Dev.=0.1044, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric

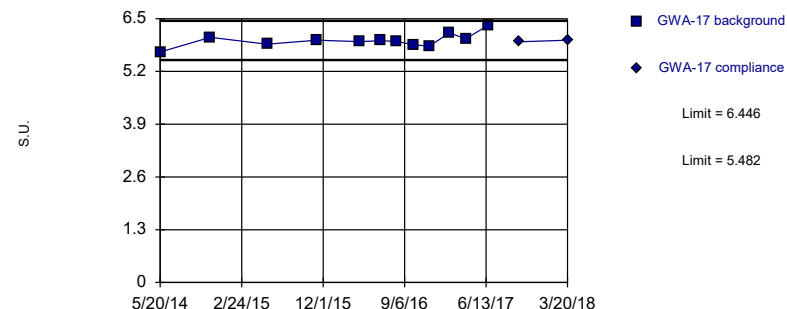


Background Data Summary: Mean=6.382, Std. Dev.=0.08483, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric



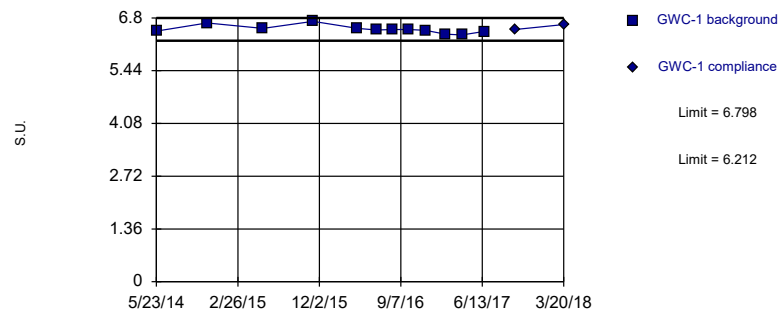
Background Data Summary: Mean=5.964, Std. Dev.=0.1666, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



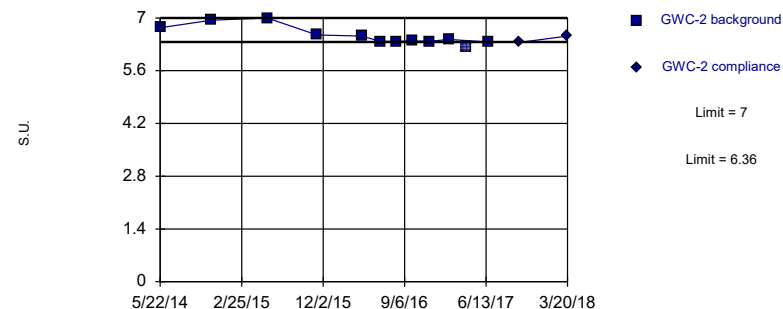
Background Data Summary: Mean=6.505, Std. Dev.=0.1014, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



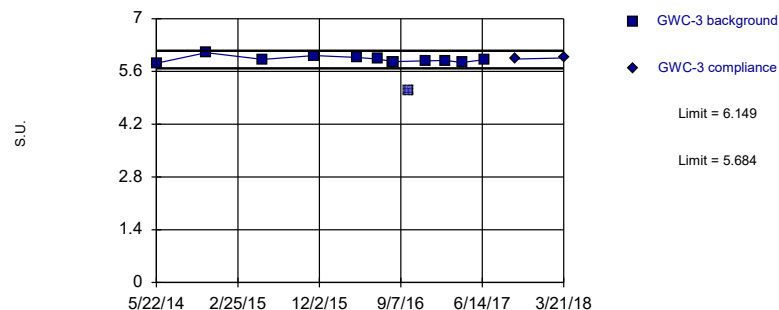
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



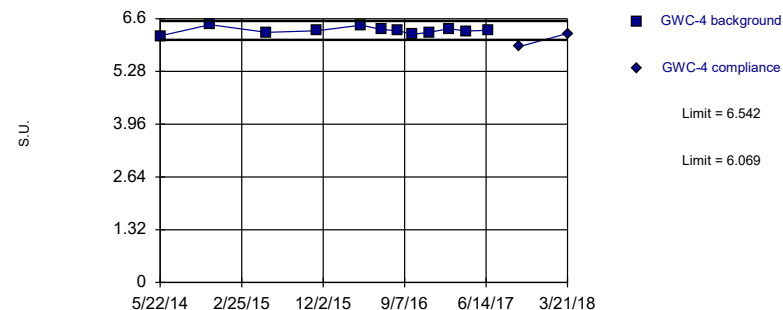
Background Data Summary: Mean=5.917, Std. Dev.=0.08038, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9104, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



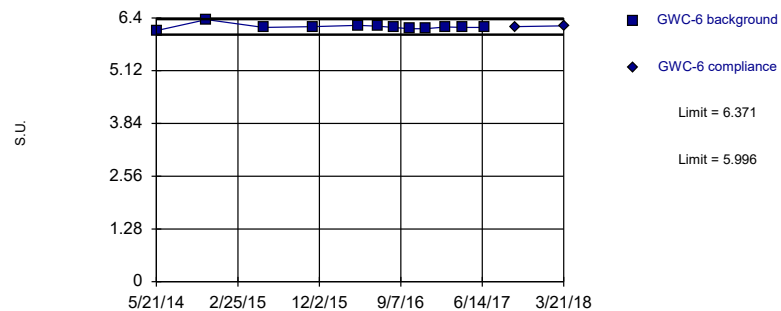
Background Data Summary: Mean=6.306, Std. Dev.=0.08174, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9472, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



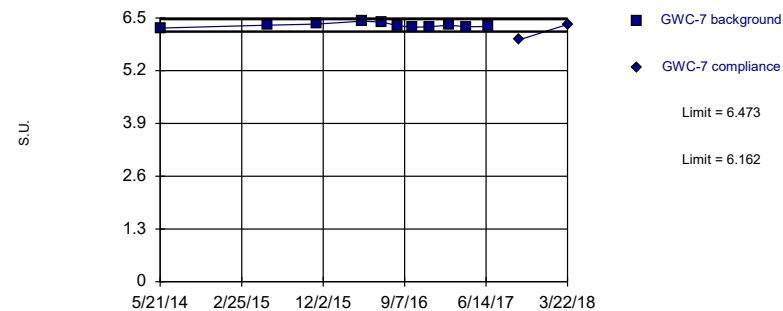
Background Data Summary: Mean=6.183, Std. Dev.=0.06471, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8052, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



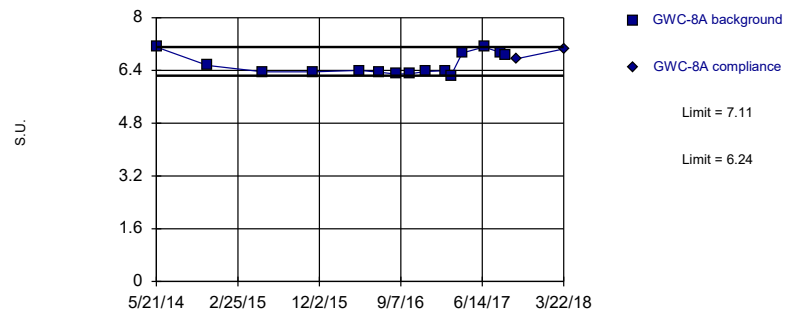
Background Data Summary: Mean=6.317, Std. Dev.=0.05368, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9099, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



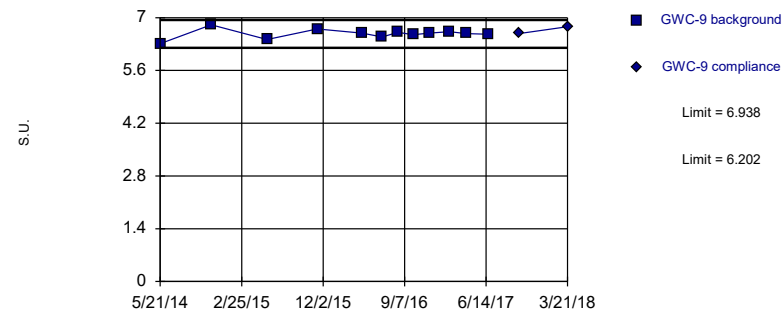
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



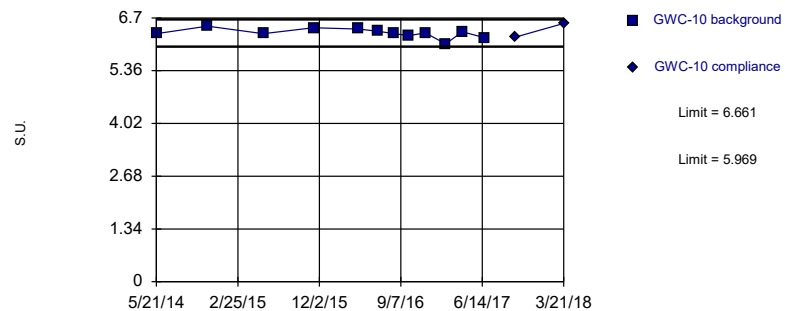
Background Data Summary: Mean=6.57, Std. Dev.=0.1271, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9571, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



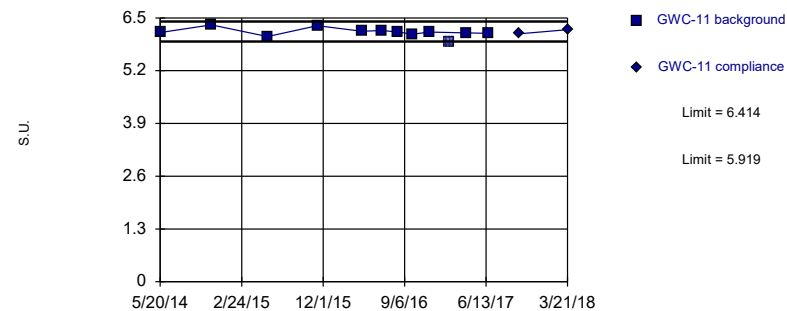
Background Data Summary: Mean=6.315, Std. Dev.=0.1194, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



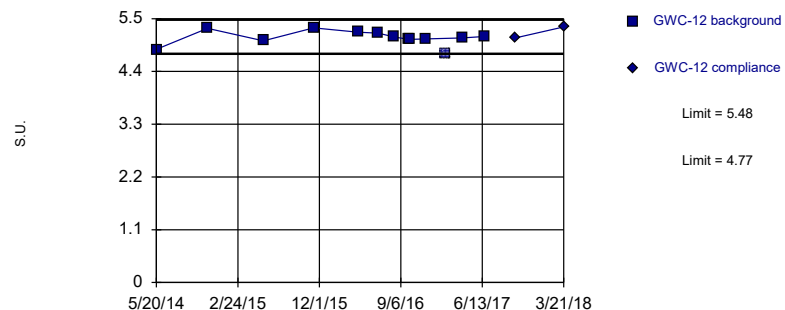
Background Data Summary: Mean=6.166, Std. Dev.=0.08547, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.885, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



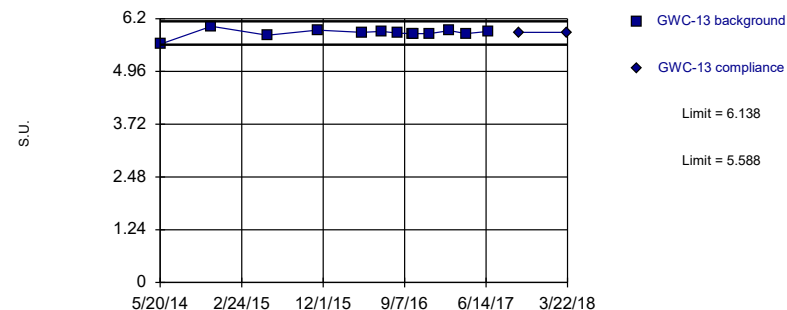
Background Data Summary: Mean=5.125, Std. Dev.=0.1227, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9362, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



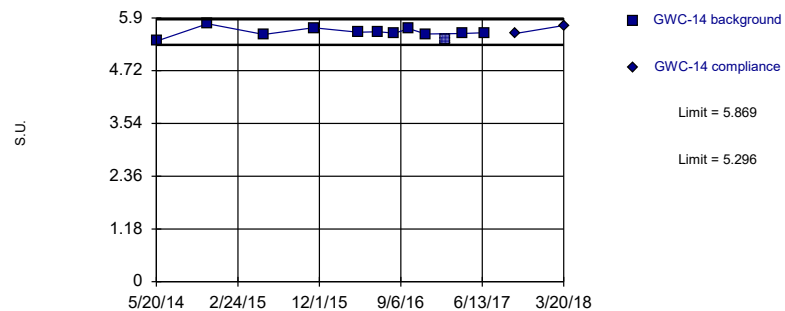
Background Data Summary: Mean=5.863, Std. Dev.=0.0949, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.819, critical = 0.814. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



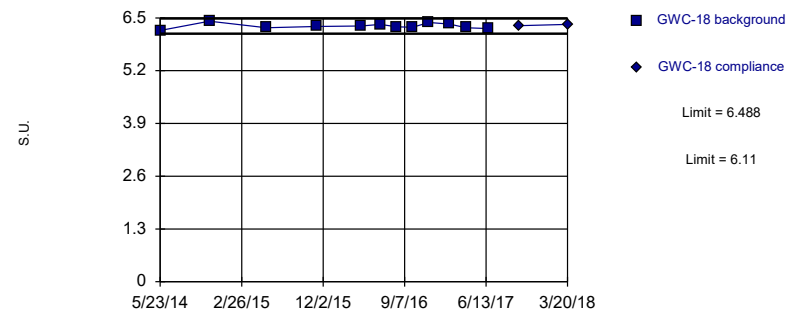
Background Data Summary: Mean=5.583, Std. Dev.=0.099, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



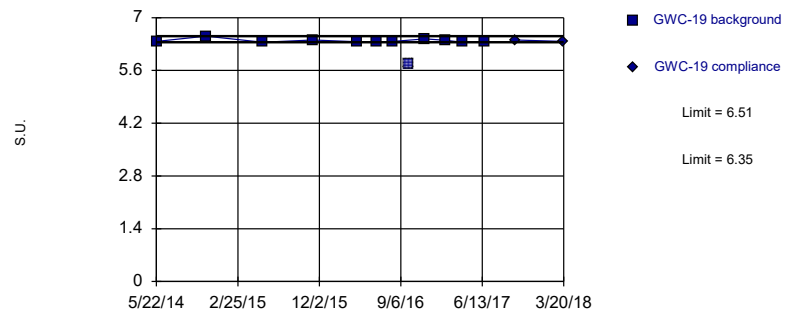
Background Data Summary: Mean=6.299, Std. Dev.=0.06529, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9646, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



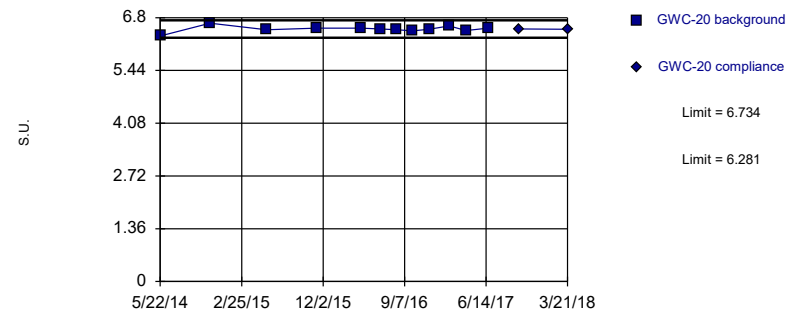
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric

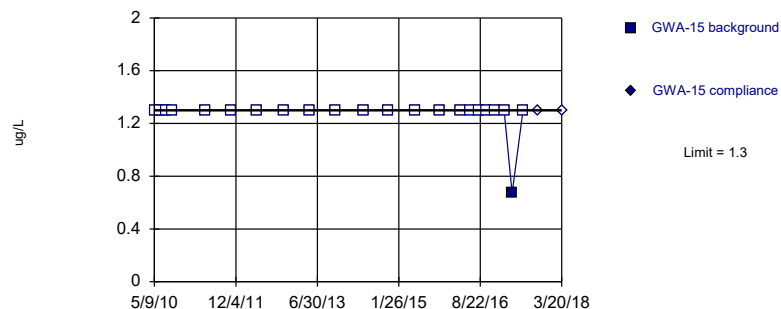


Background Data Summary: Mean=6.508, Std. Dev.=0.07829, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

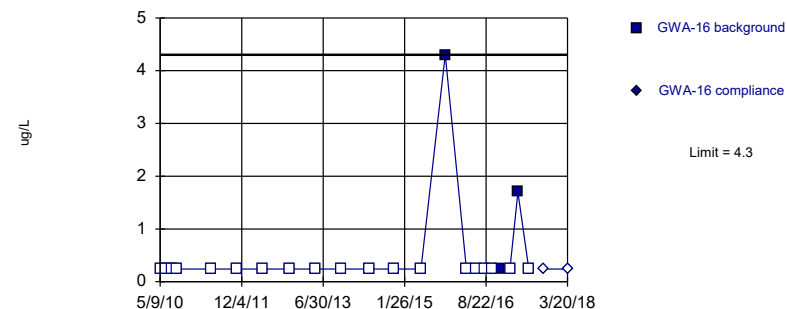


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

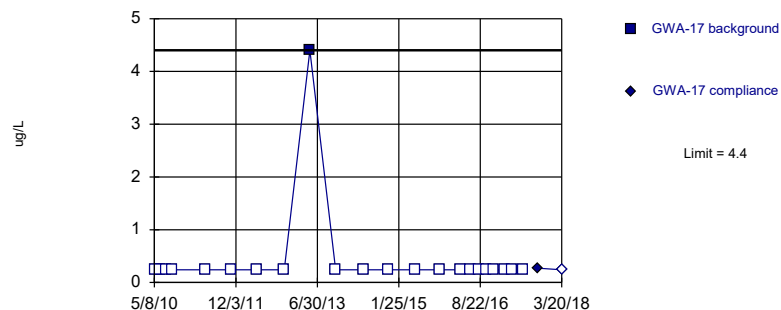


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

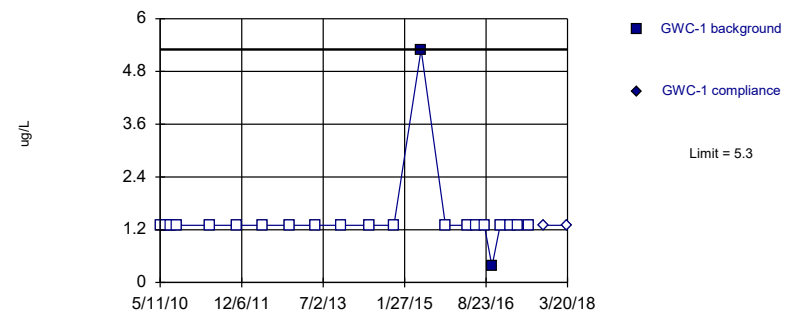


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



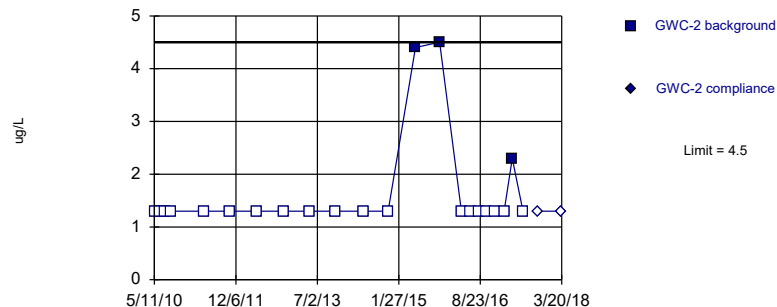
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



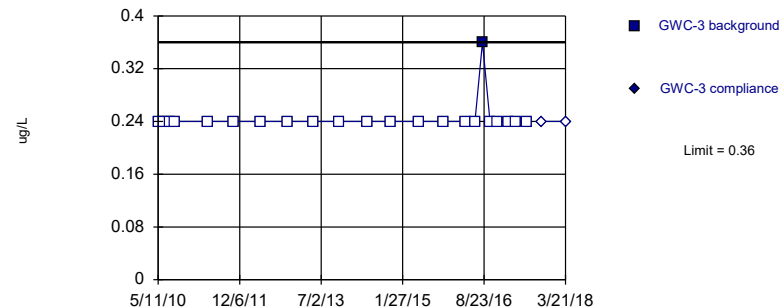
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



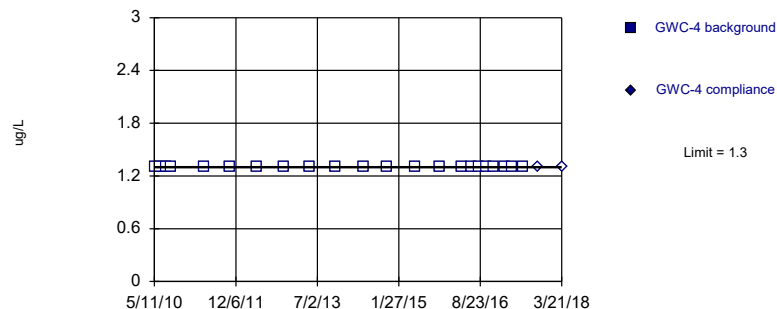
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



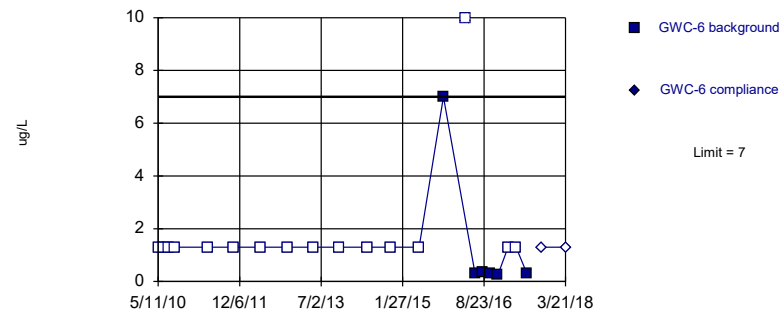
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

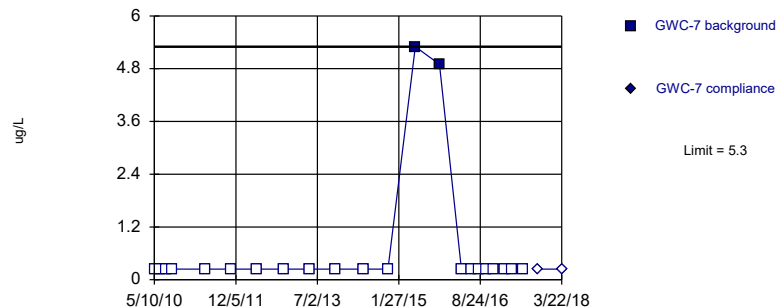


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

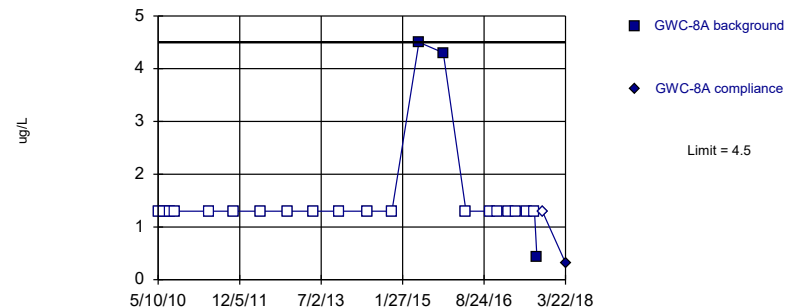


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

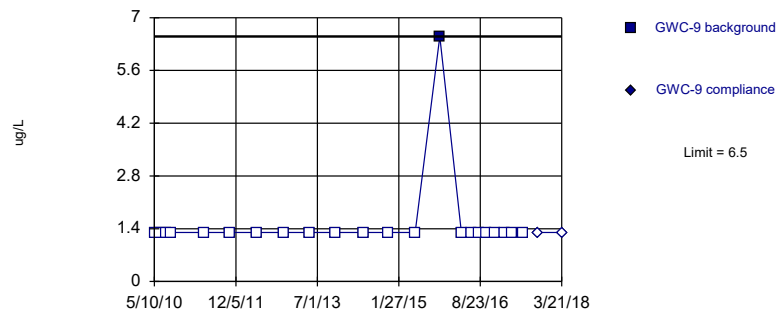


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

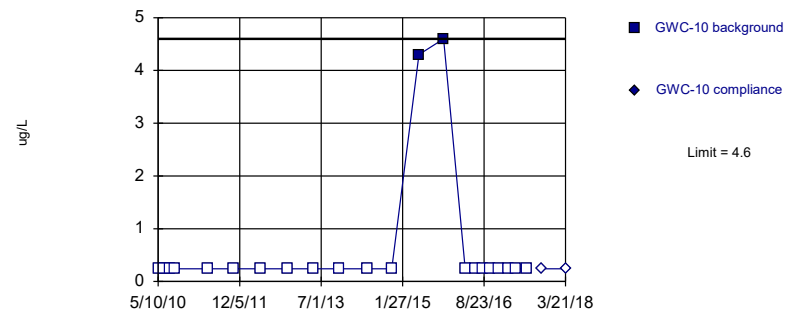


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

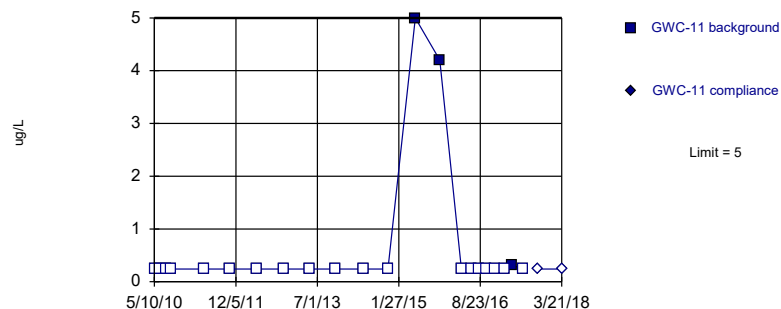


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

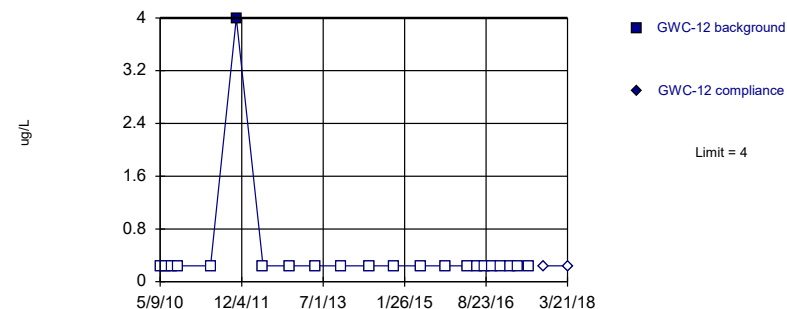


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

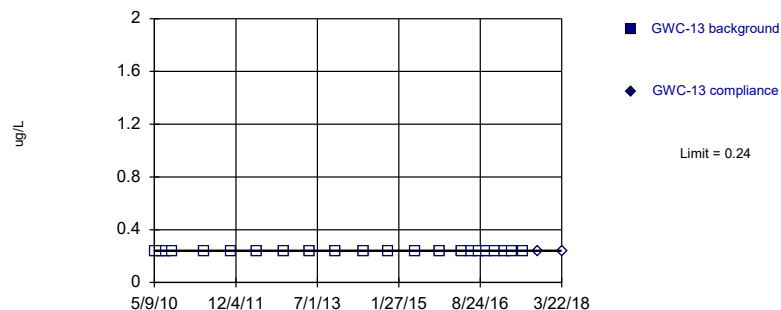


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

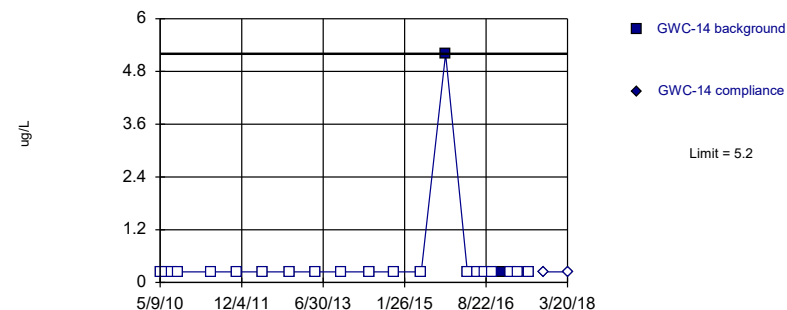


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

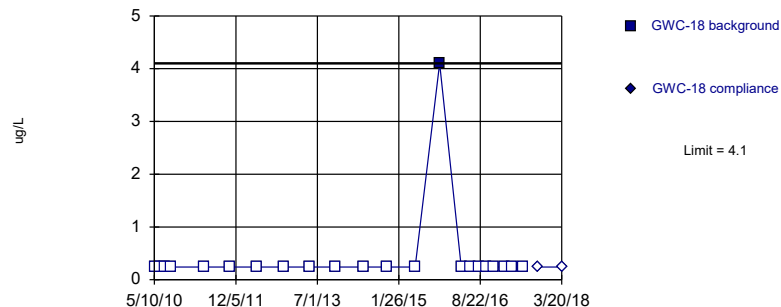


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

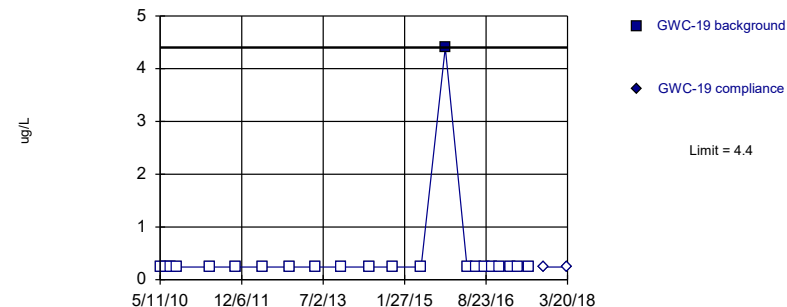


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

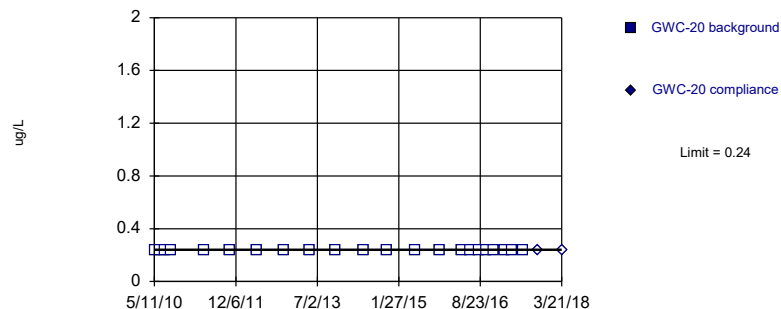


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

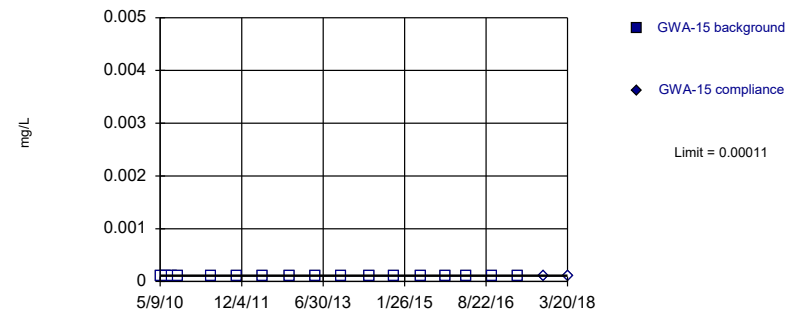


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

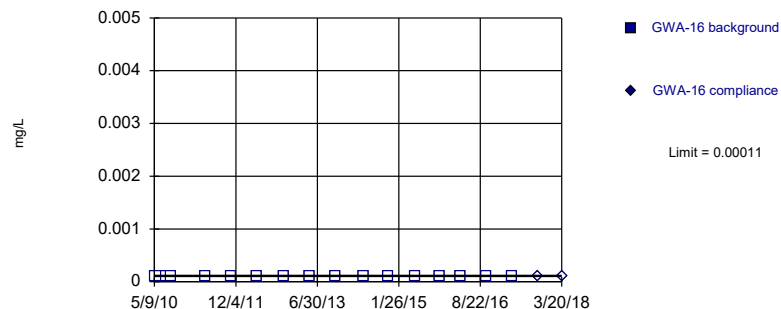


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

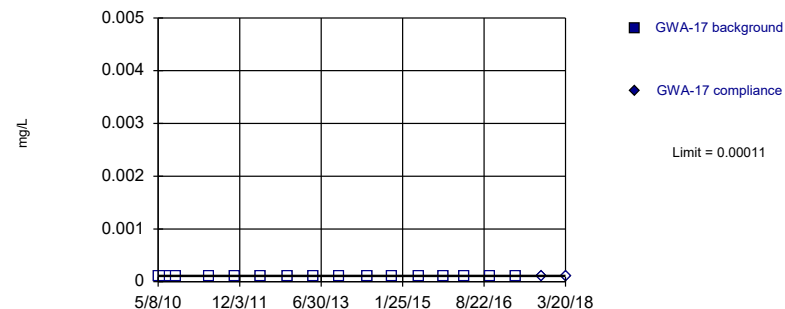


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

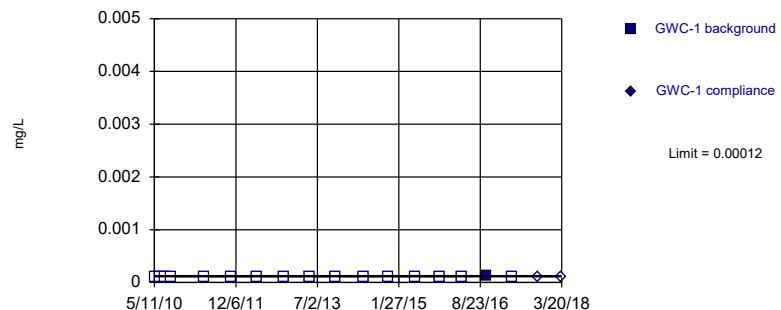


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

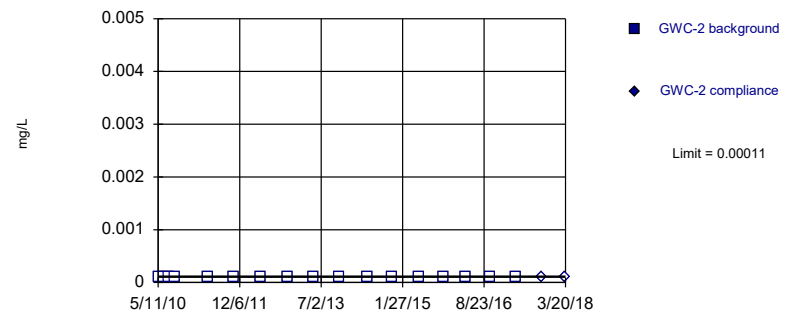


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

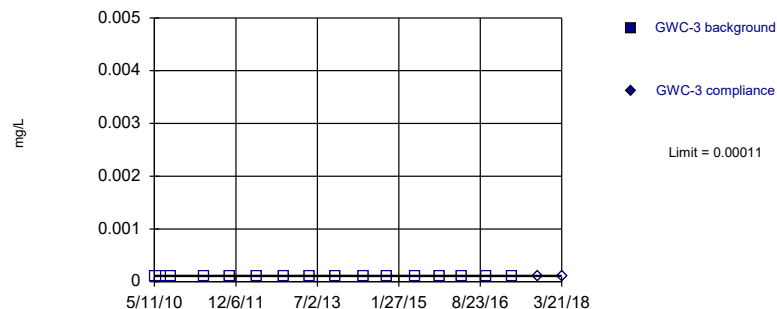


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

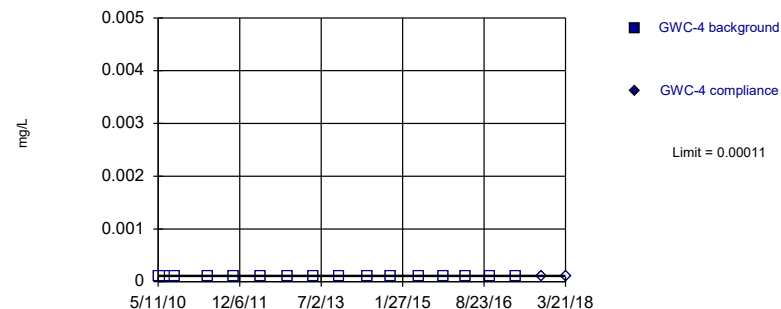


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

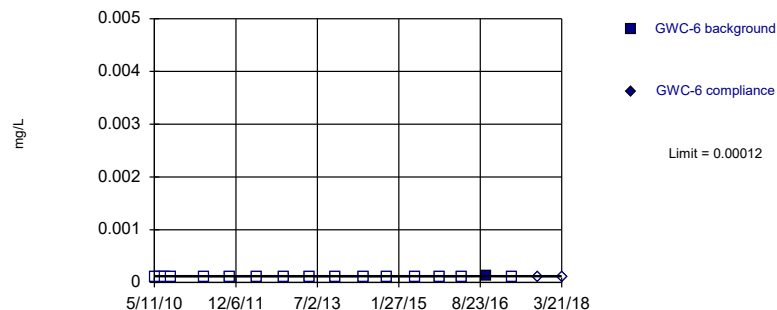


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

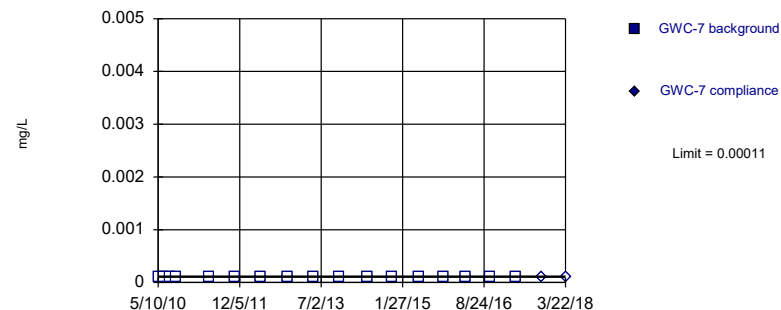


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

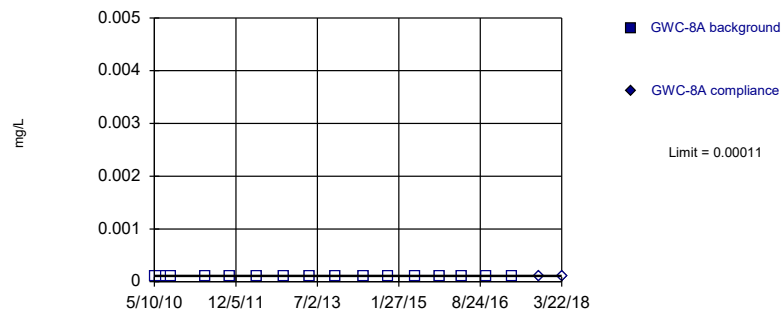


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

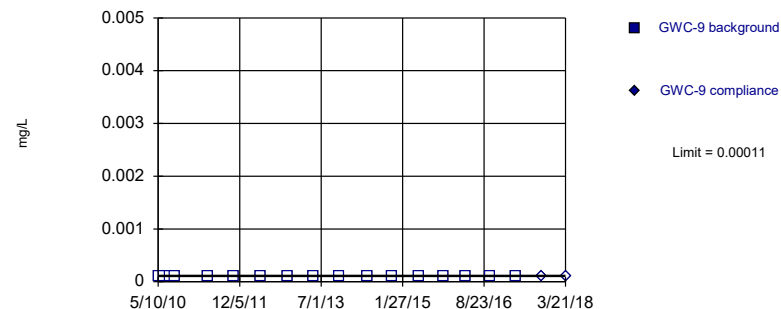


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

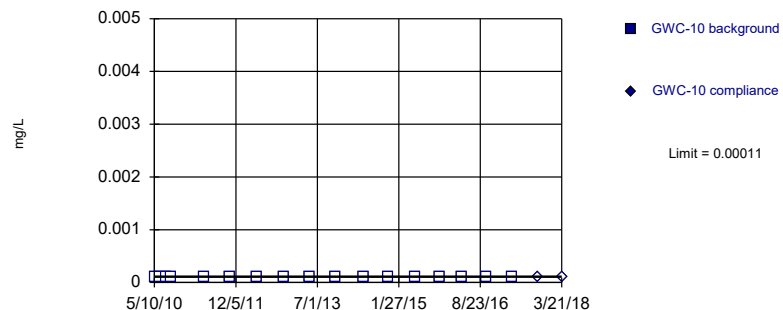


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

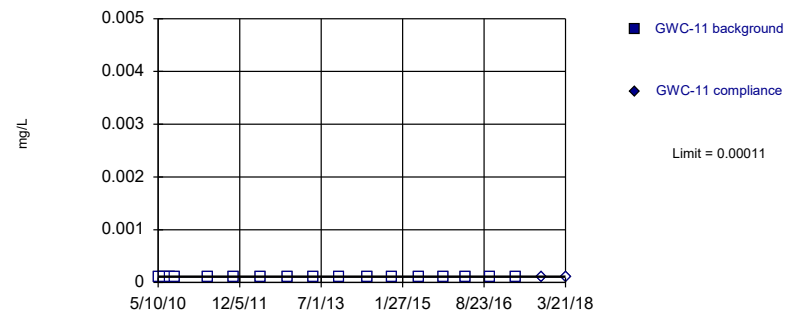


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

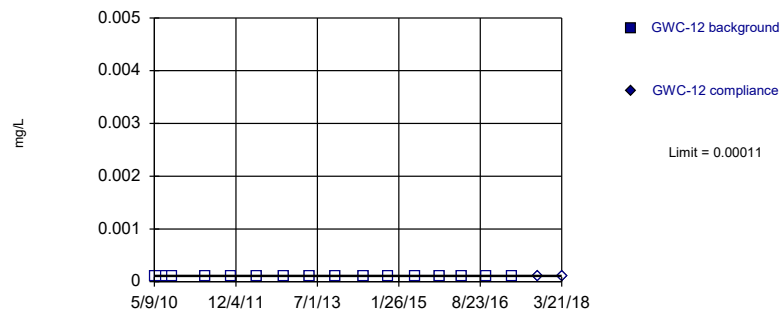


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

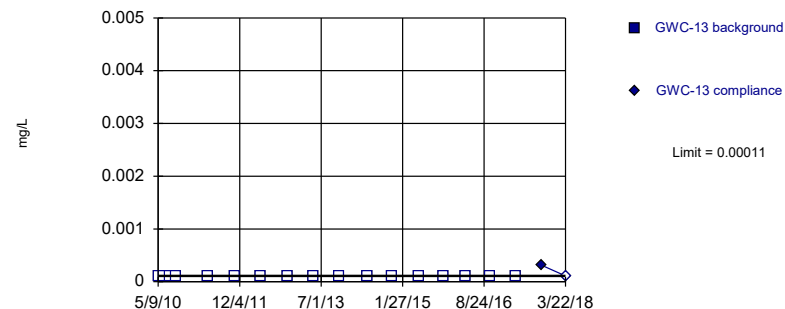


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 17$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

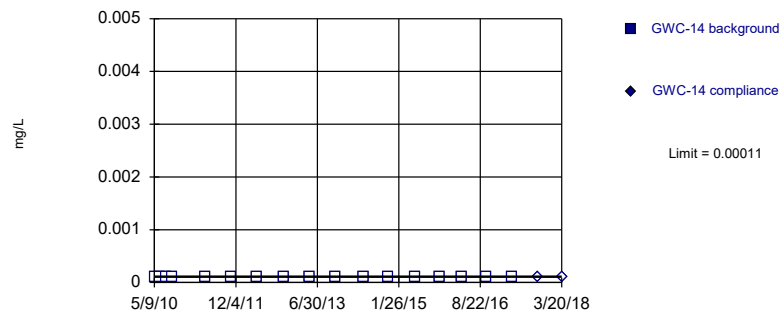


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 17$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

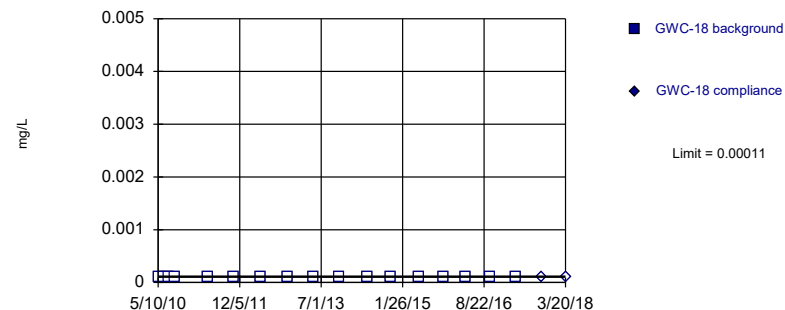


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 17$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

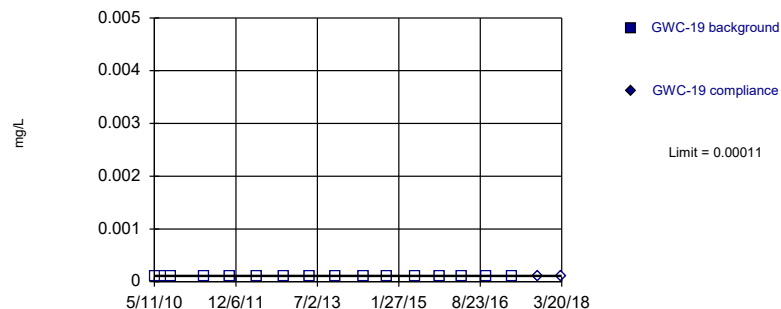


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 17$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

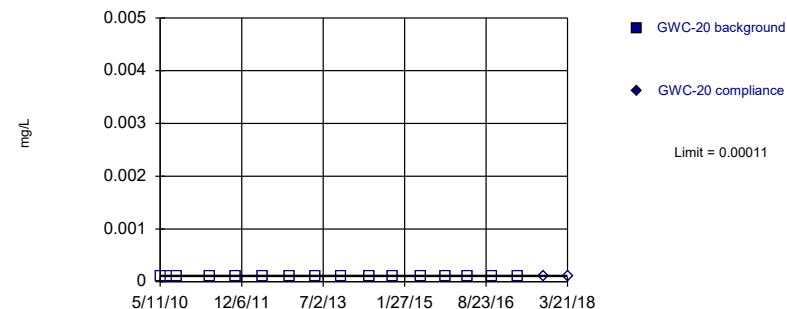


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

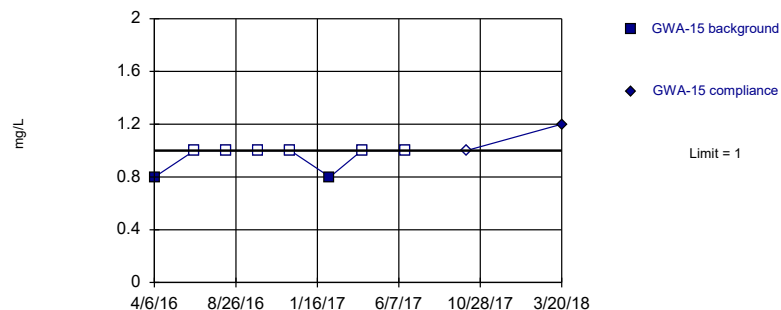


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

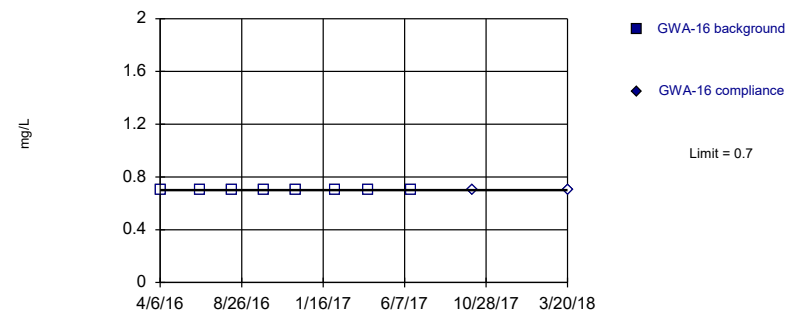


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

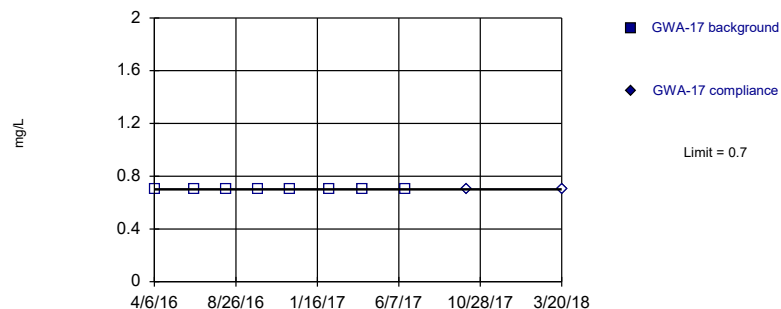


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

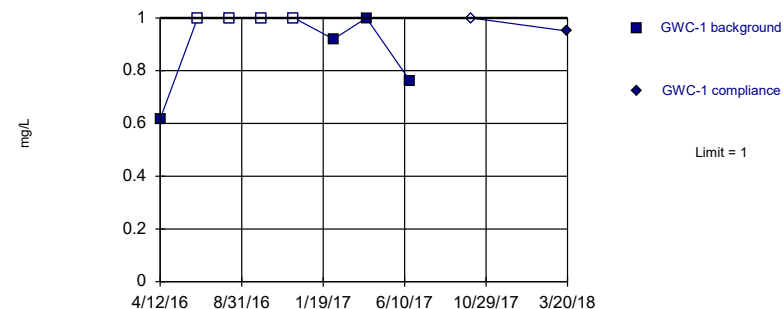


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

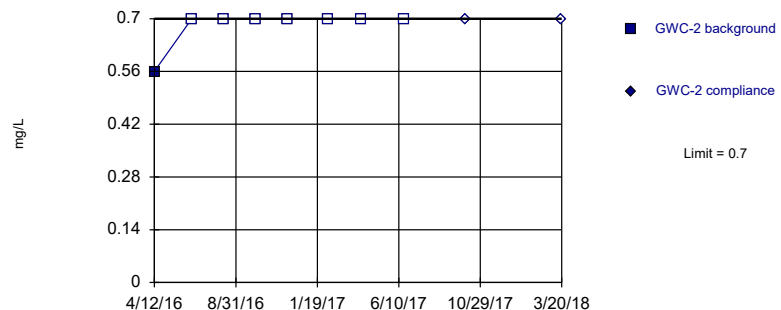


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. 50% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

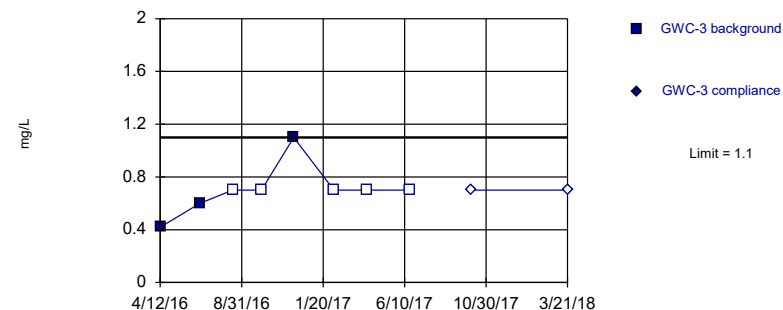


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



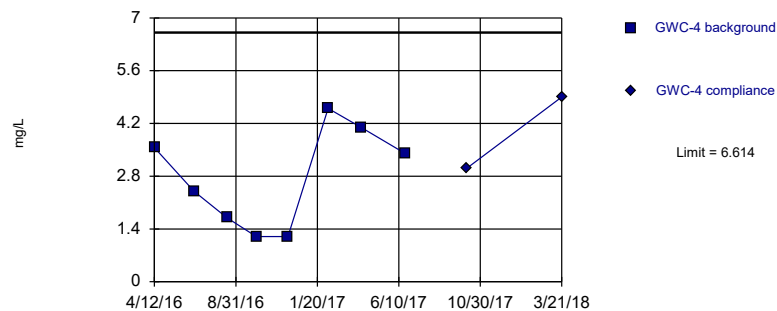
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



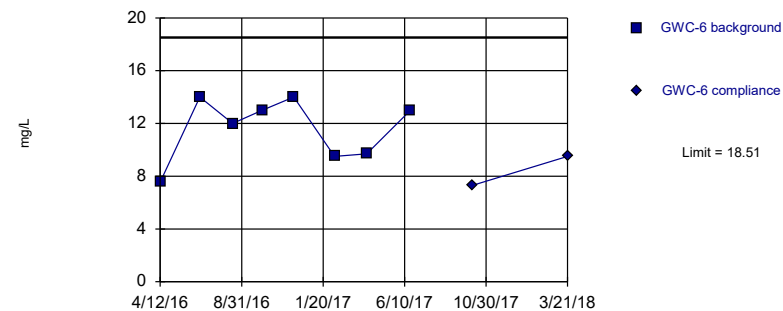
Background Data Summary: Mean=2.77, Std. Dev.=1.328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



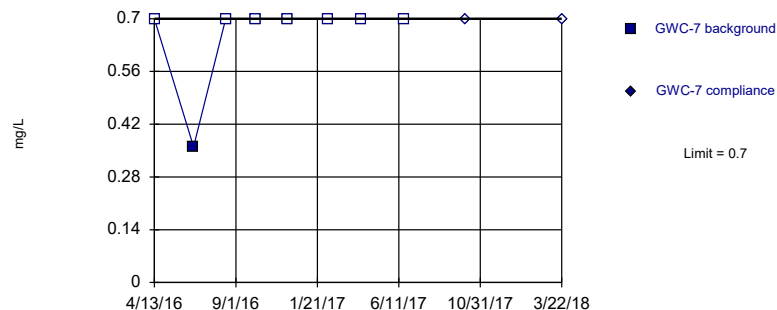
Background Data Summary: Mean=11.59, Std. Dev.=2.391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



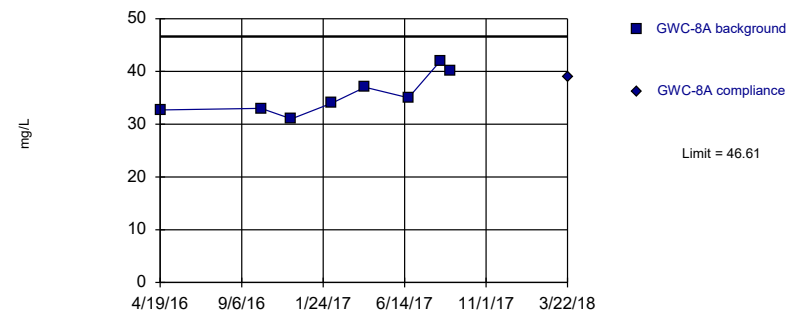
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



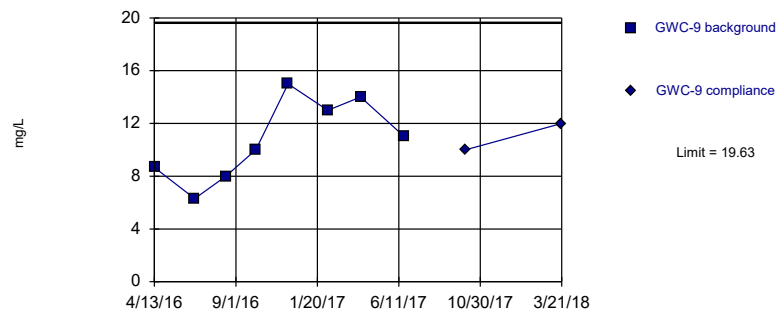
Background Data Summary: Mean=35.59, Std. Dev.=3.808, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9306, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=10.75, Std. Dev.=3.072, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9633, critical = 0.749. Kappa overridden to 2.894.

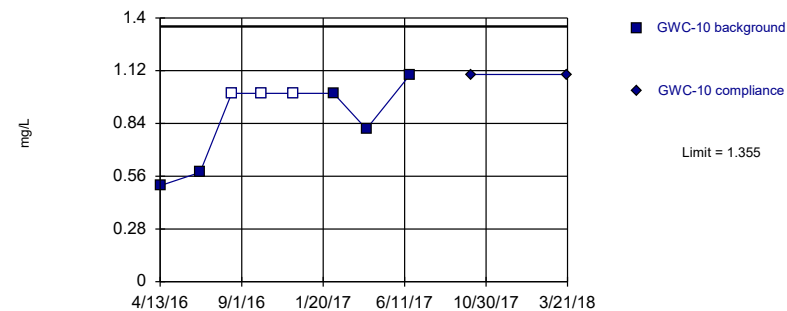
Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7375, Std. Dev.=0.2133, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8104, critical = 0.749. Kappa overridden to 2.894.

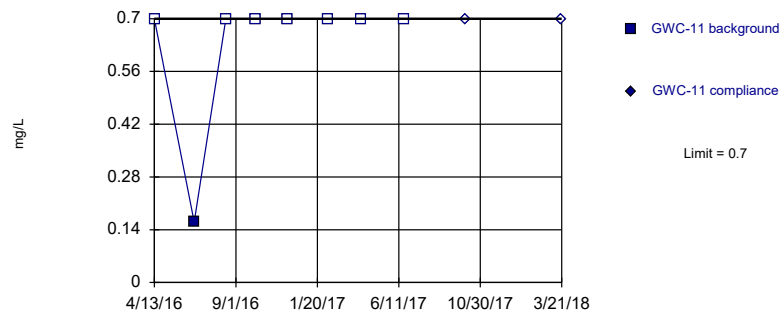
Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

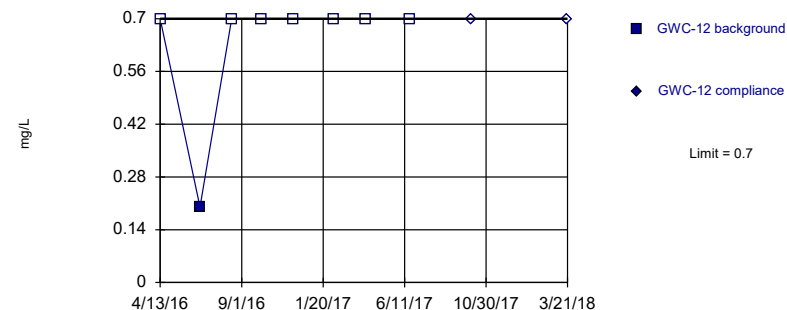
Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

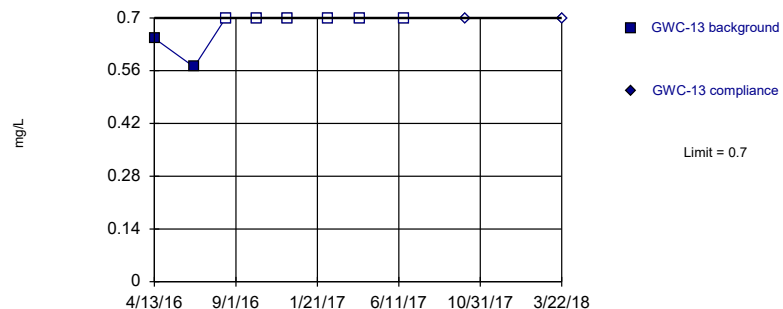


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

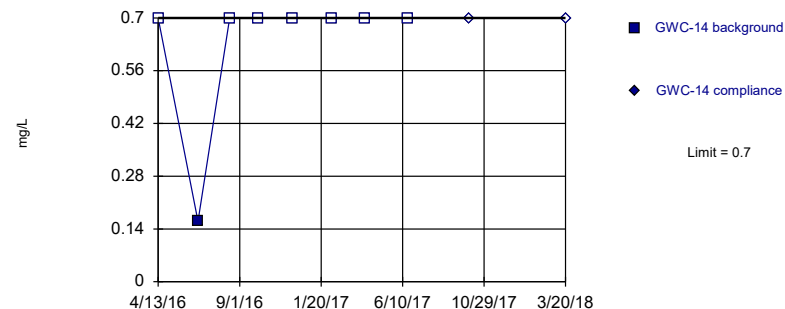


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

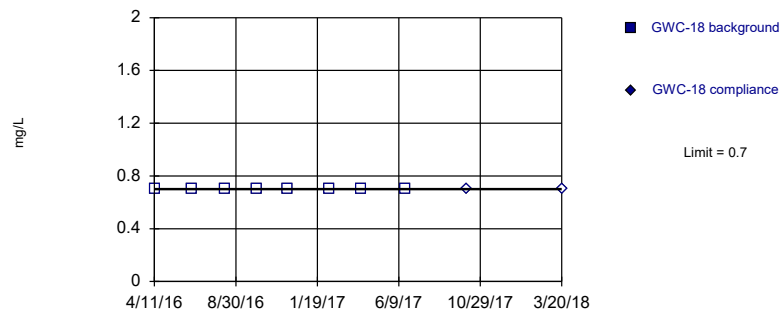


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

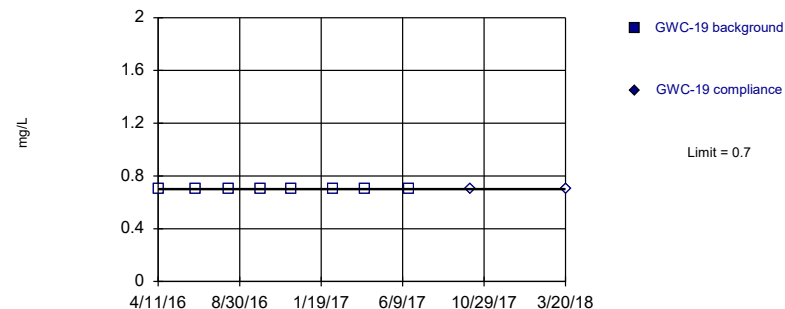


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

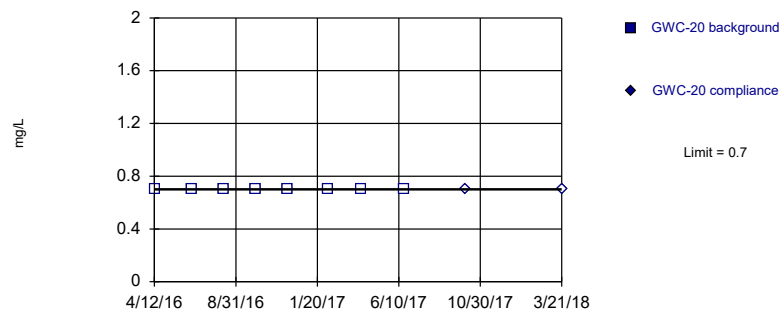


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

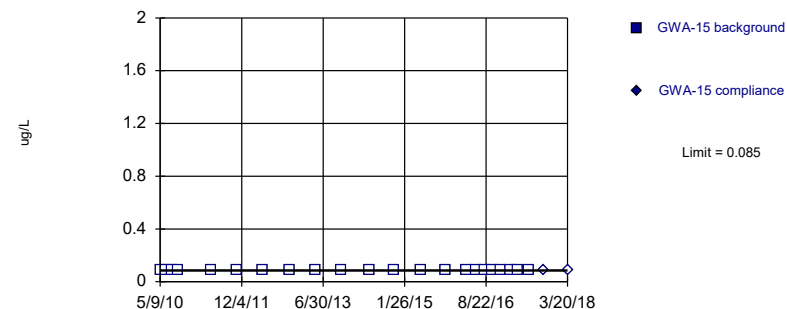


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

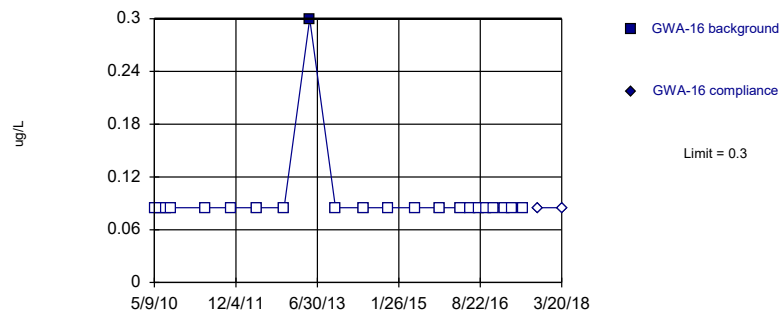


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

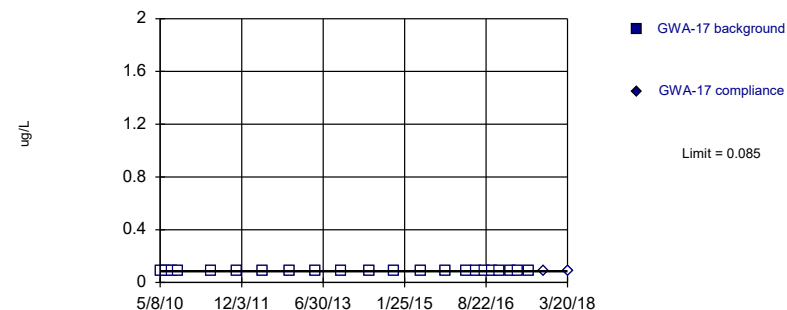


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

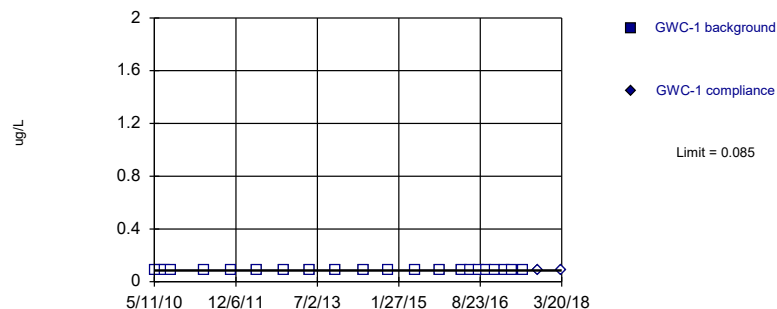


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

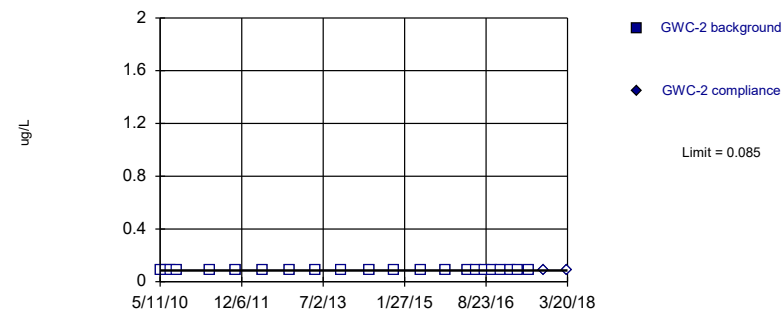


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

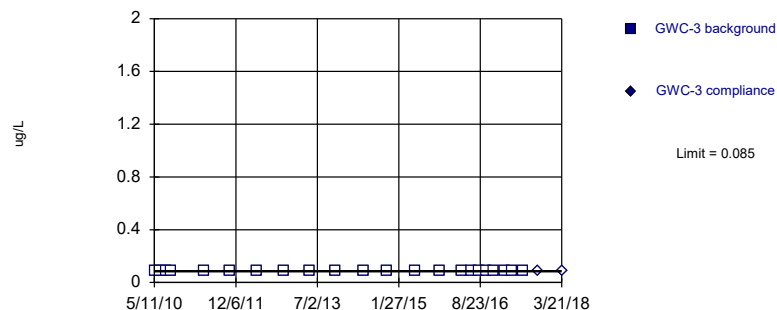


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

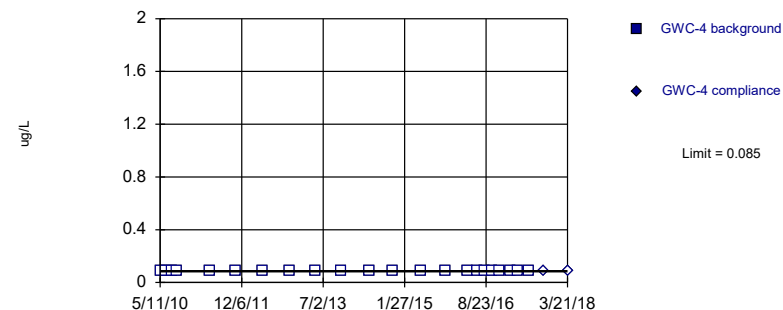


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

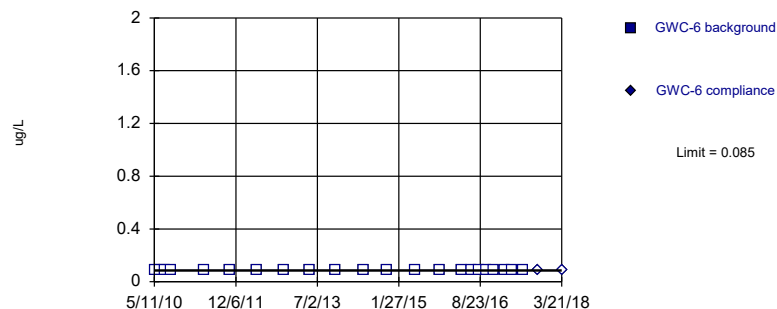


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

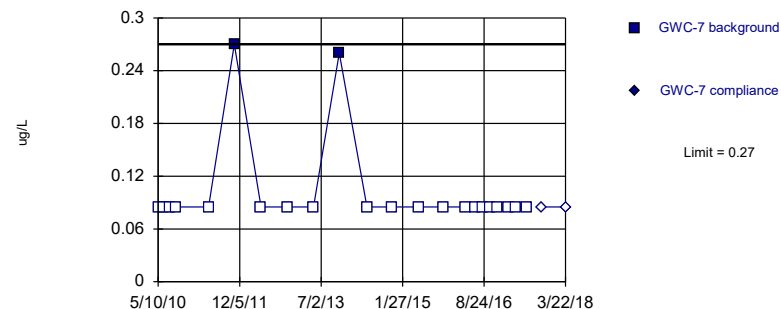


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

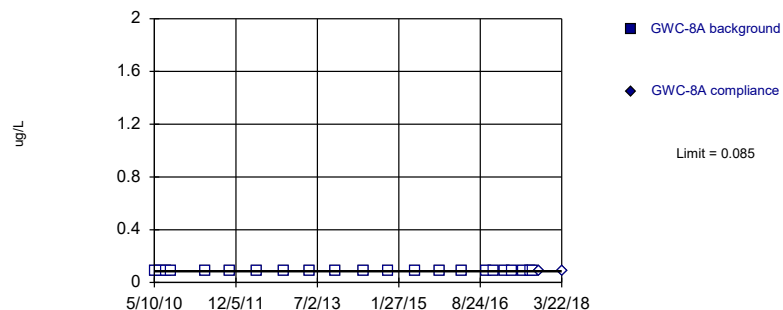


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

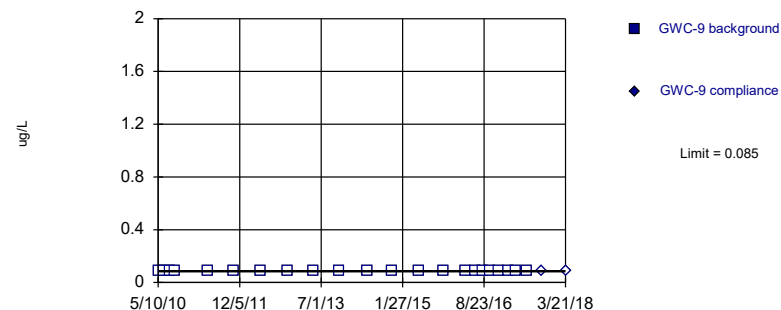


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

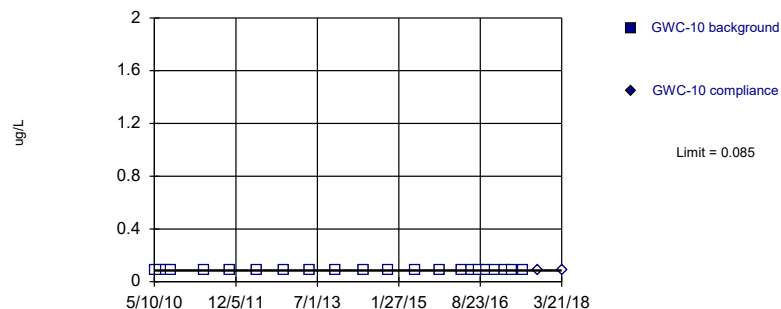


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

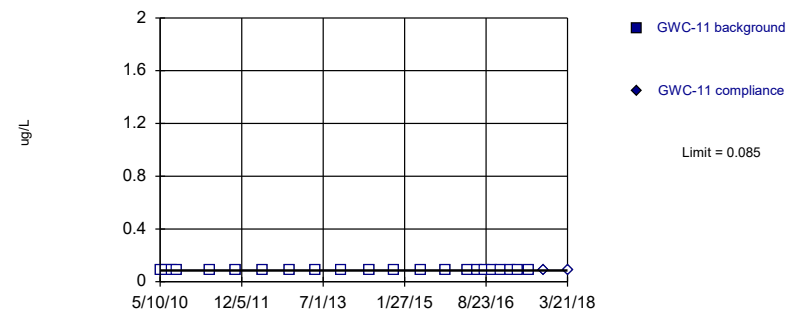


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

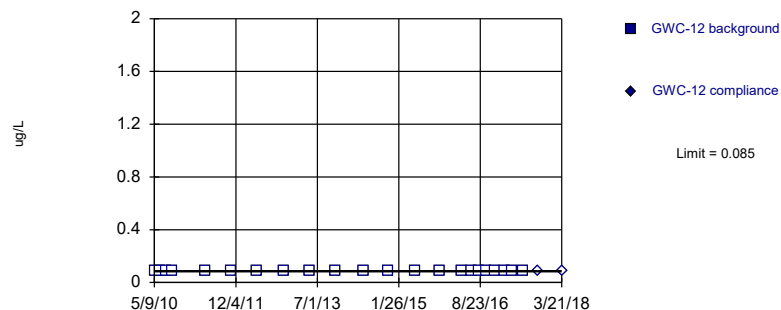


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

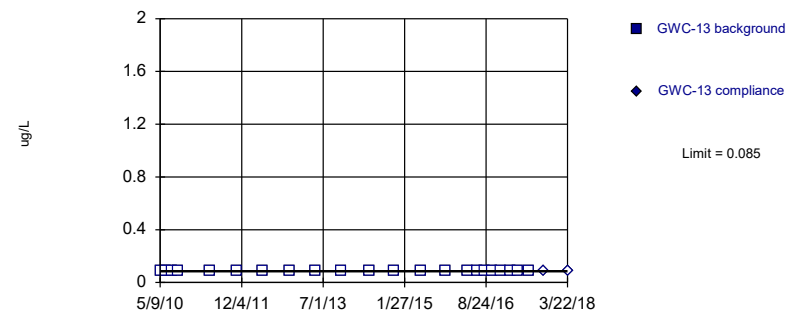


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

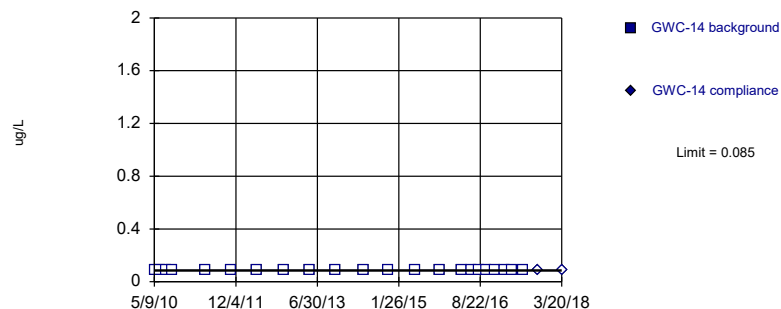


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

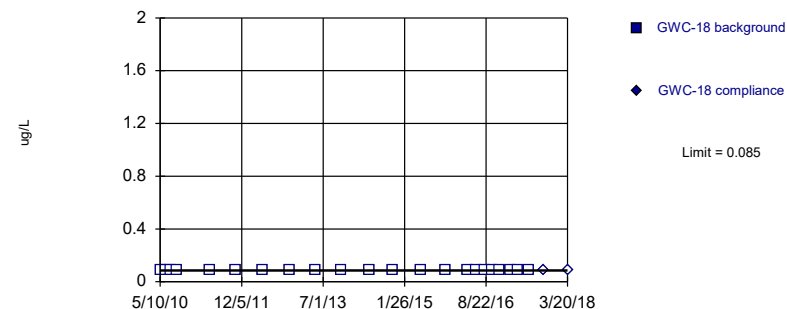


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

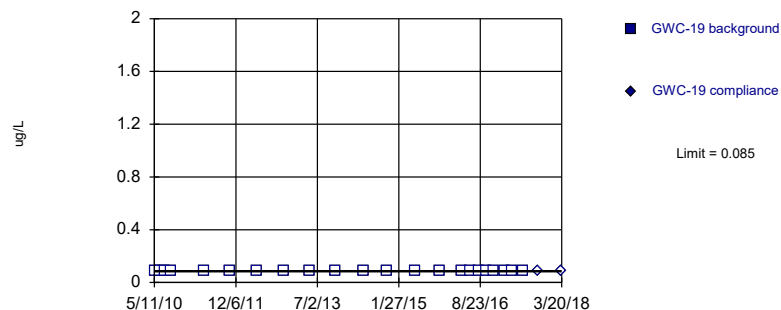


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

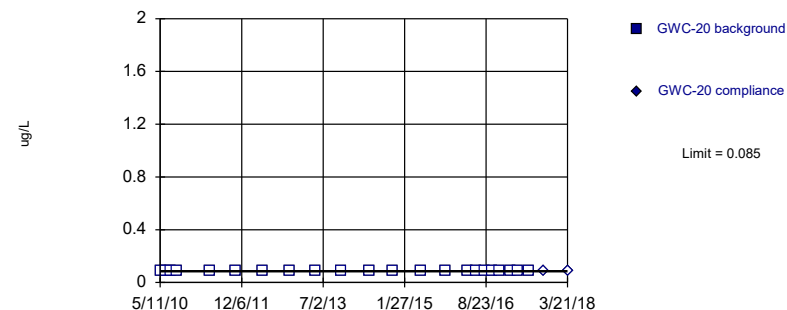


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



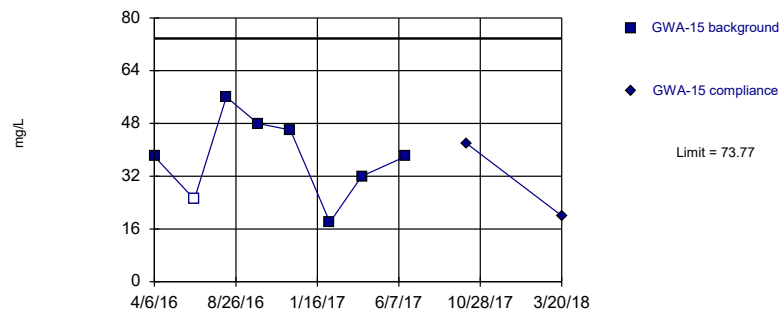
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



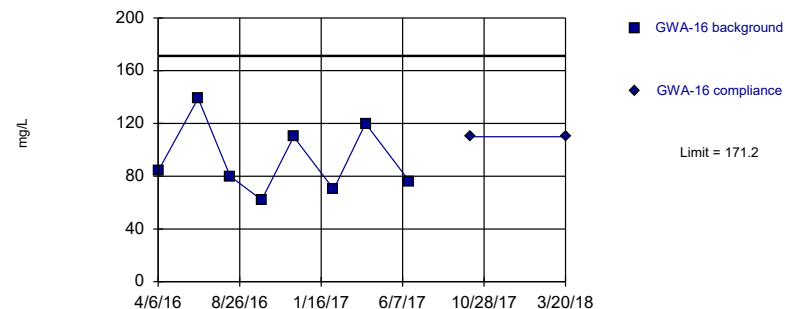
Background Data Summary: Mean=37.63, Std. Dev.=12.49, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9802, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



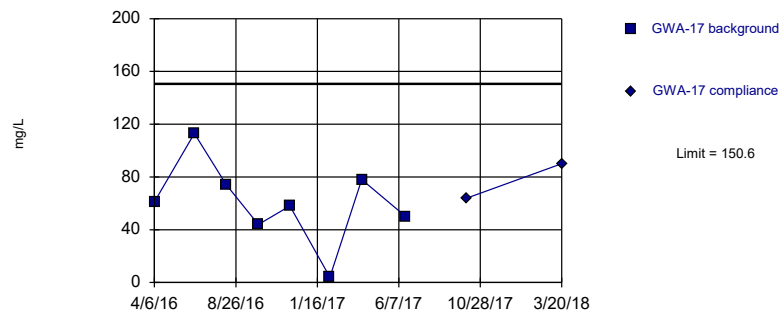
Background Data Summary: Mean=92.63, Std. Dev.=27.16, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9109, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



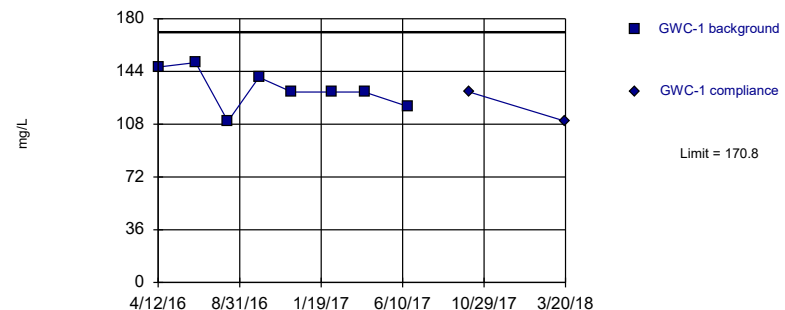
Background Data Summary: Mean=60.25, Std. Dev.=31.23, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



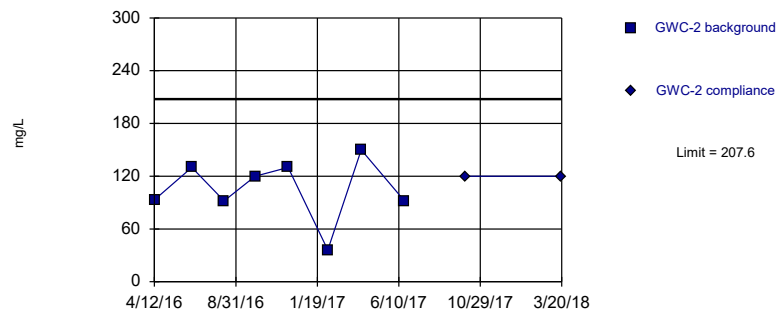
Background Data Summary: Mean=132.1, Std. Dev.=13.38, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9497, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



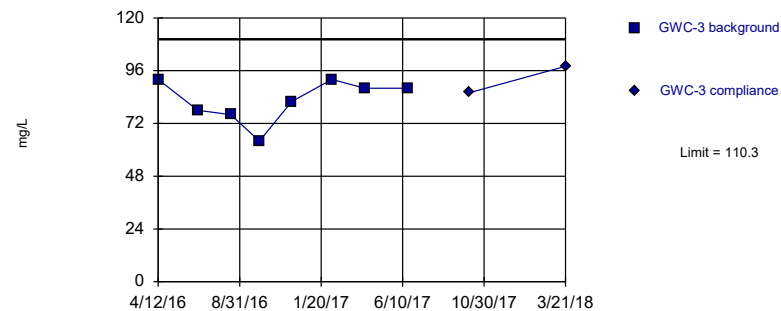
Background Data Summary: Mean=105.4, Std. Dev.=35.34, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9092, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



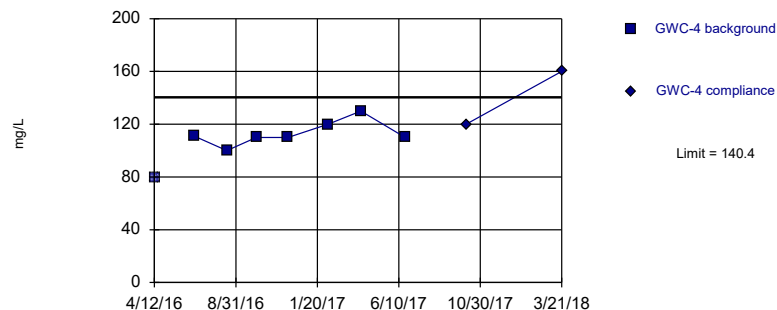
Background Data Summary: Mean=82.5, Std. Dev.=9.607, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



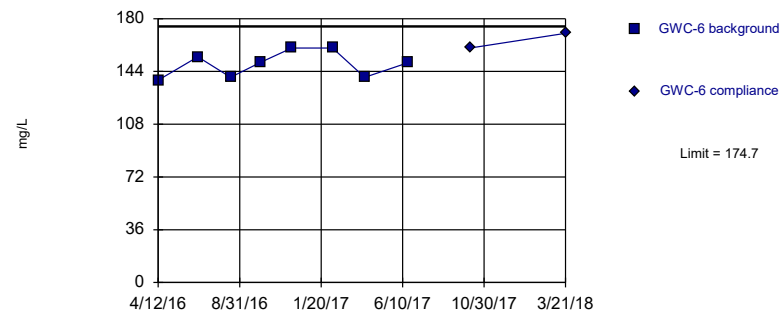
Background Data Summary: Mean=113, Std. Dev.=9.469, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.889, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



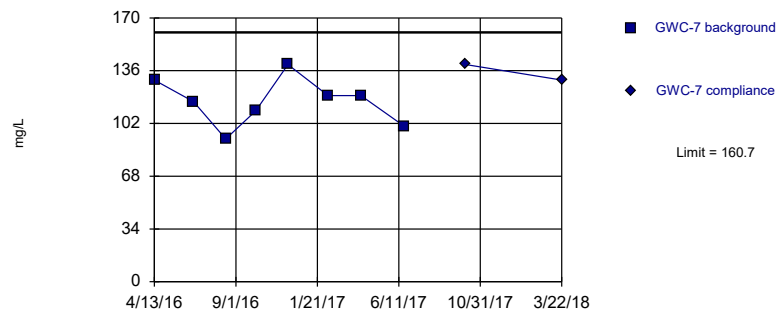
Background Data Summary: Mean=149, Std. Dev.=8.88, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8834, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



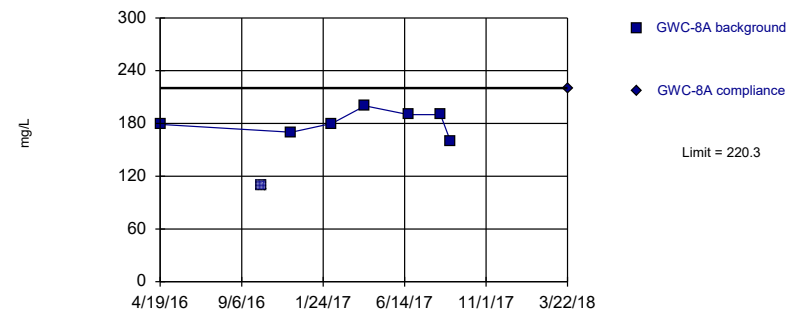
Background Data Summary: Mean=116, Std. Dev.=15.46, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



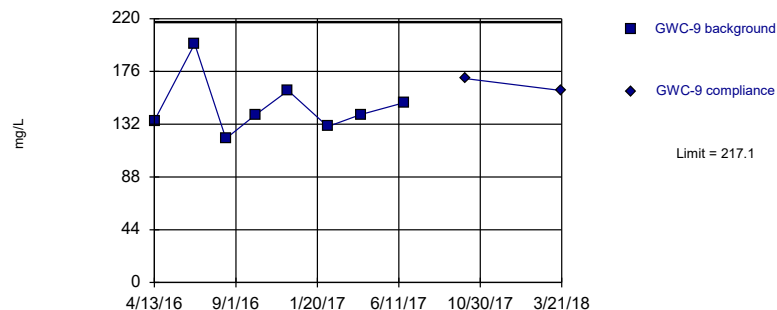
Background Data Summary: Mean=181.3, Std. Dev.=13.47, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



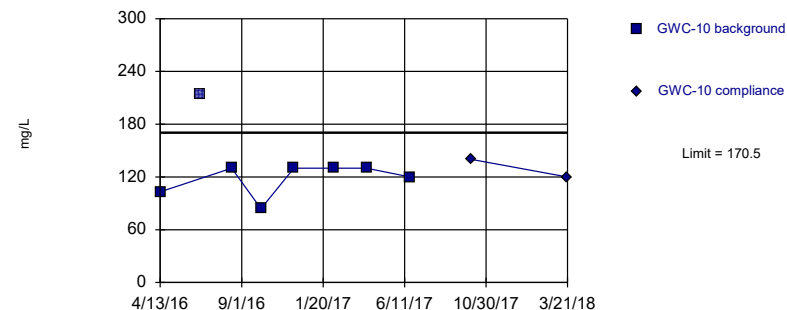
Background Data Summary: Mean=146.8, Std. Dev.=24.32, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8669, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



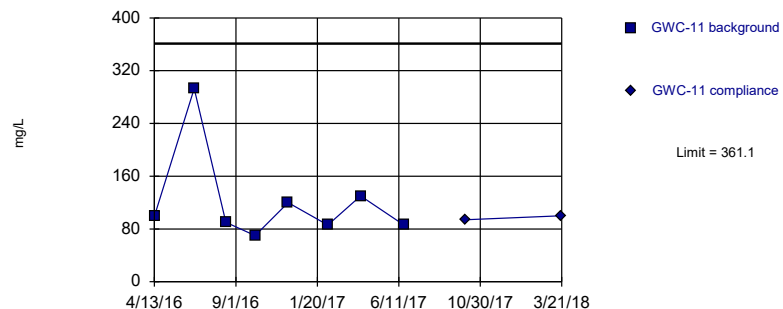
Background Data Summary: Mean=118.1, Std. Dev.=18.08, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7464, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



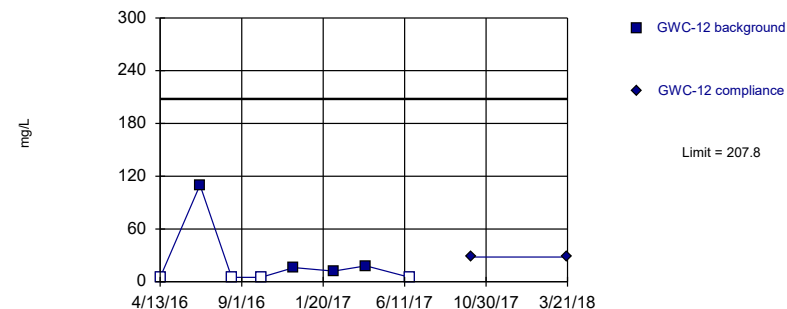
Background Data Summary (based on cube root transformation): Mean=4.837, Std. Dev.=0.7892, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7682, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



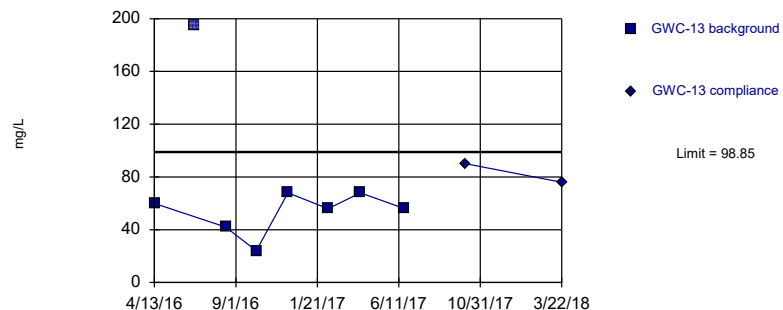
Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=2.411, Std. Dev.=1.011, n=8, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



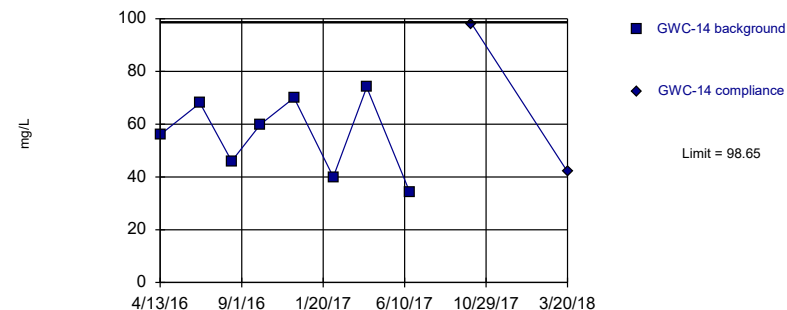
Background Data Summary: Mean=53.43, Std. Dev.=15.69, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8705, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



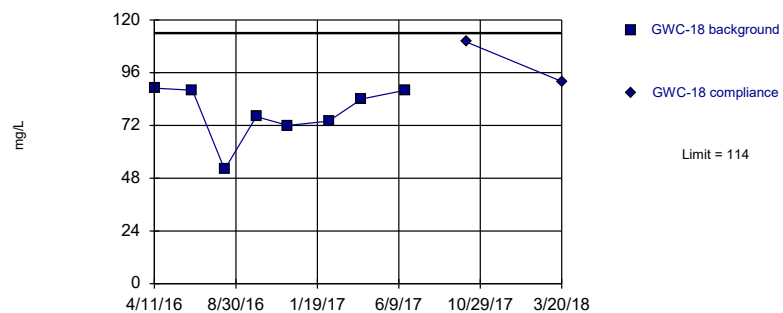
Background Data Summary: Mean=56, Std. Dev.=14.74, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.938, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



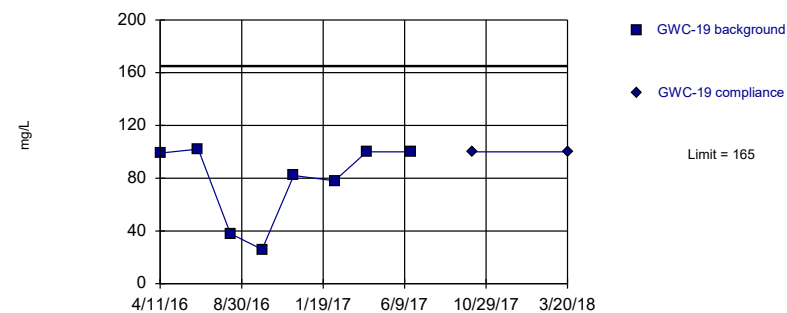
Background Data Summary: Mean=77.88, Std. Dev.=12.47, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8456, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



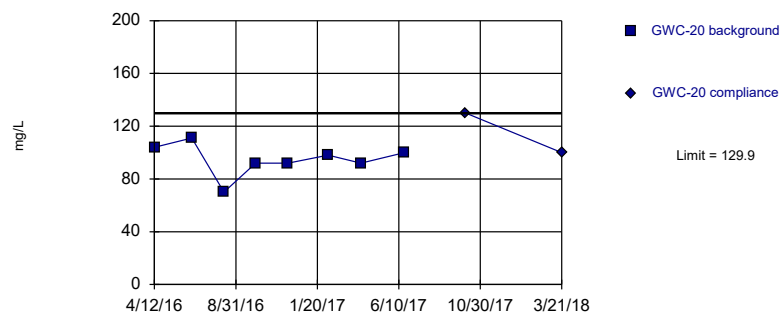
Background Data Summary: Mean=78.13, Std. Dev.=30.01, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7861, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=94.88, Std. Dev.=12.09, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.749. Kappa overridden to 2.894.

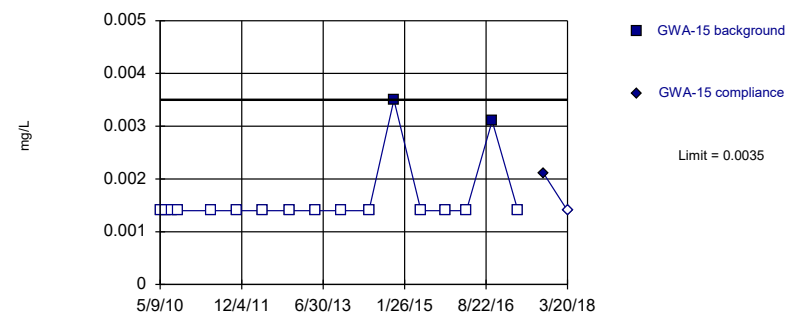
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



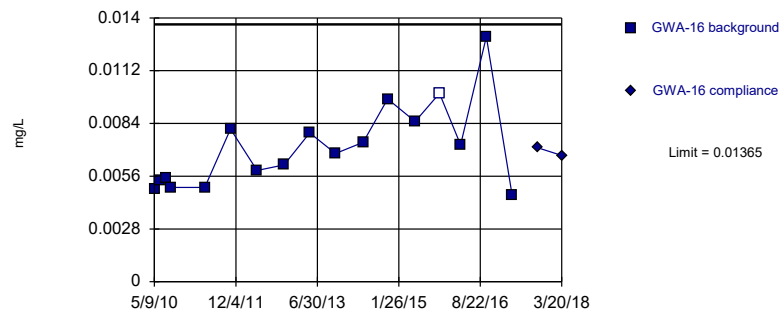
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



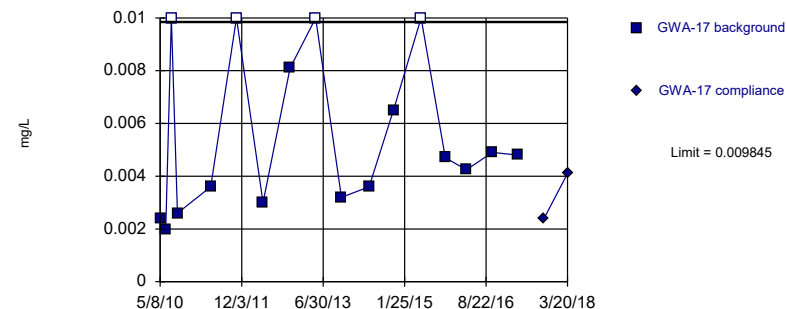
Background Data Summary: Mean=0.007127, Std. Dev.=0.002255, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8996, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



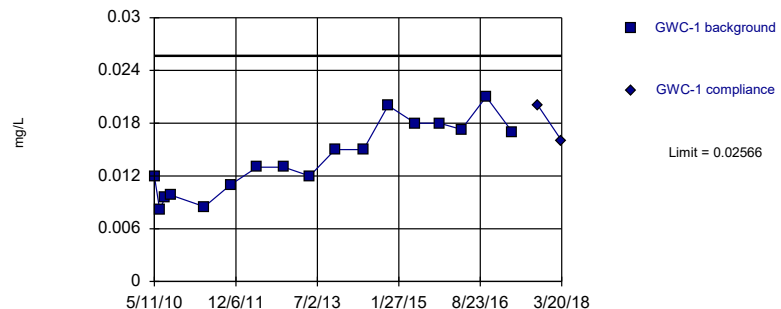
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06237, Std. Dev.=0.01273, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8881, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



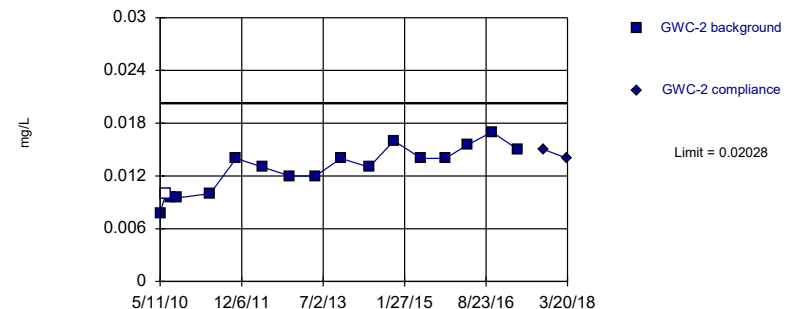
Background Data Summary: Mean=0.01402, Std. Dev.=0.004022, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01273, Std. Dev.=0.002608, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9563, critical = 0.851. Kappa overridden to 2.894.

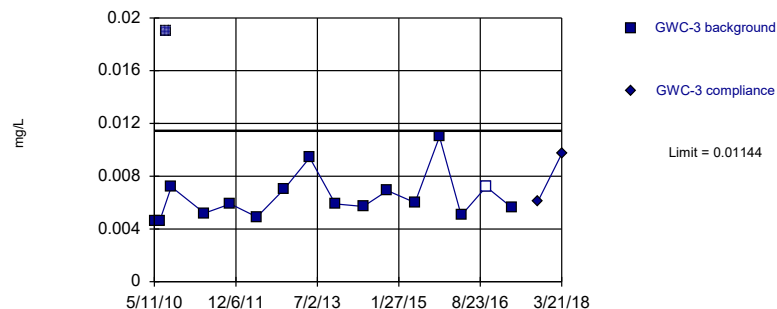
Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006383, Std. Dev.=0.001749, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8444, critical = 0.844. Kappa overridden to 2.894.

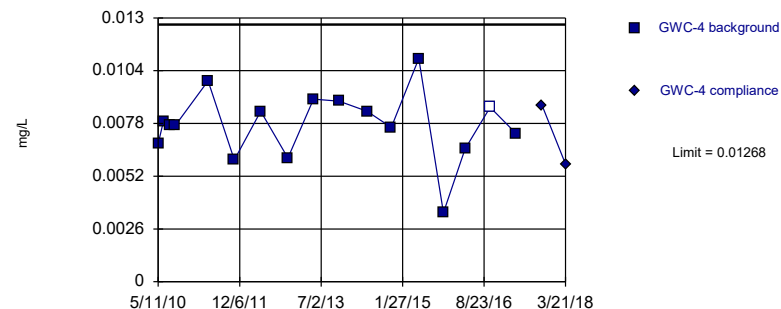
Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00772, Std. Dev.=0.001713, n=17, 5.88% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9617, critical = 0.851. Kappa overridden to 2.894.

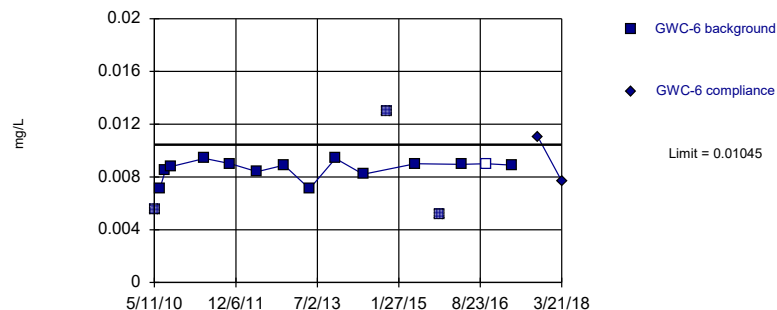
Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.00007477, Std. Dev.=0.00001187, n=14, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8343, critical = 0.825. Kappa overridden to 2.894.

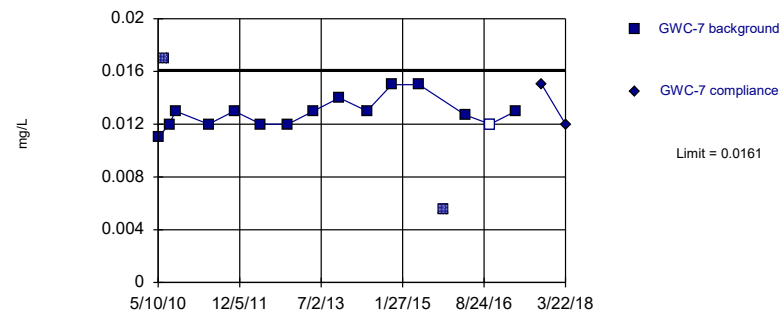
Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



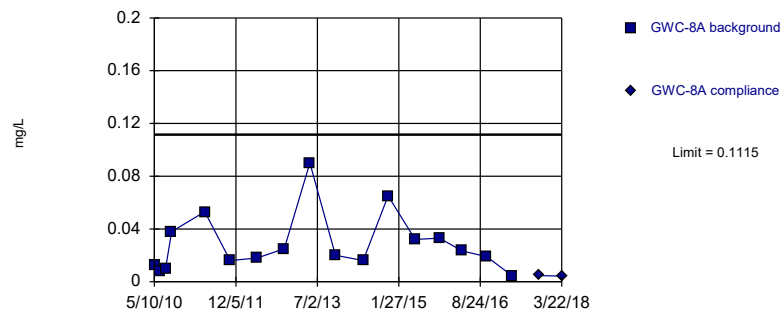
Background Data Summary: Mean=0.01285, Std. Dev.=0.001126, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8908, critical = 0.835. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



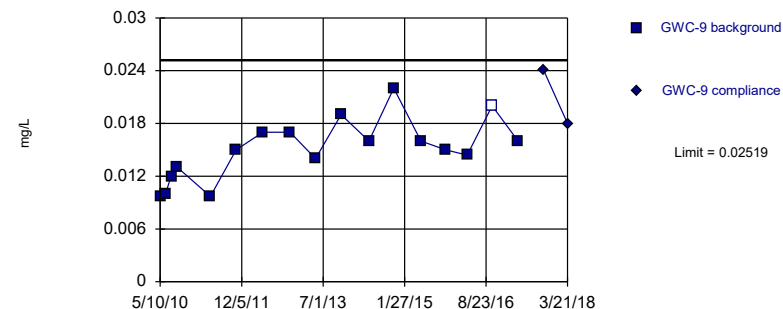
Background Data Summary (based on square root transformation): Mean=0.1579, Std. Dev.=0.06083, n=17.
 Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9474, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



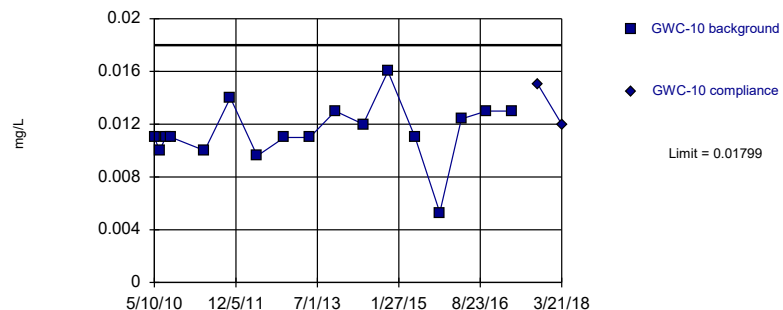
Background Data Summary: Mean=0.01505, Std. Dev.=0.003504, n=17, 5.882% NDs. Normality test: Shapiro Wilk
 @alpha = 0.01, calculated = 0.9615, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01143, Std. Dev.=0.002268, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9088, critical = 0.851. Kappa overridden to 2.894.

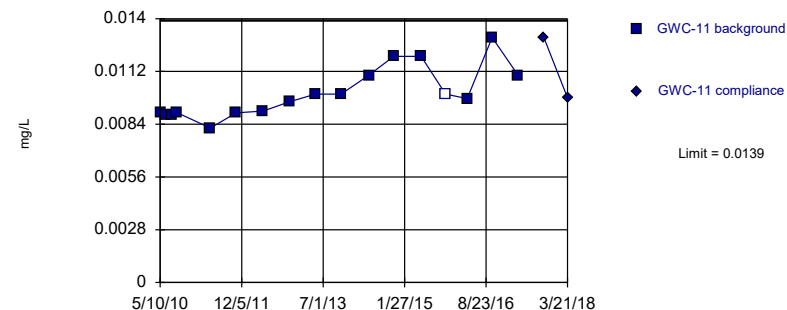
Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric

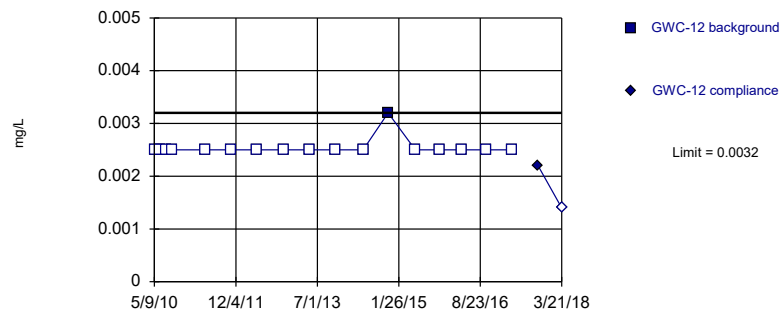


Background Data Summary: Mean=0.01003, Std. Dev.=0.001339, n=17, 5.882% NDs. Normality test: Shapiro Wilk
 @alpha = 0.01, calculated = 0.8998, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

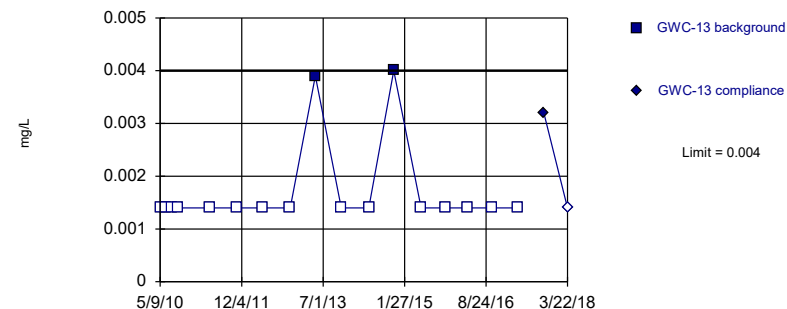


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

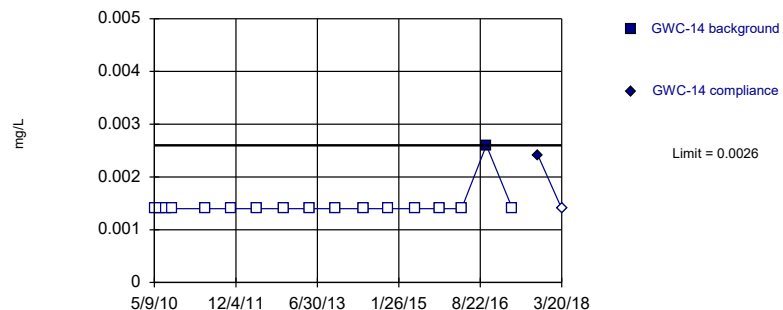


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

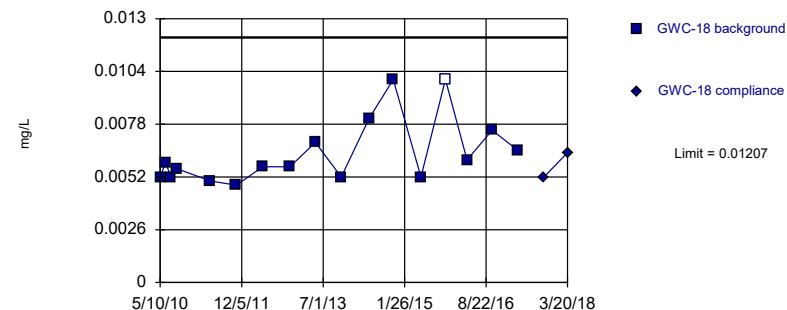


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



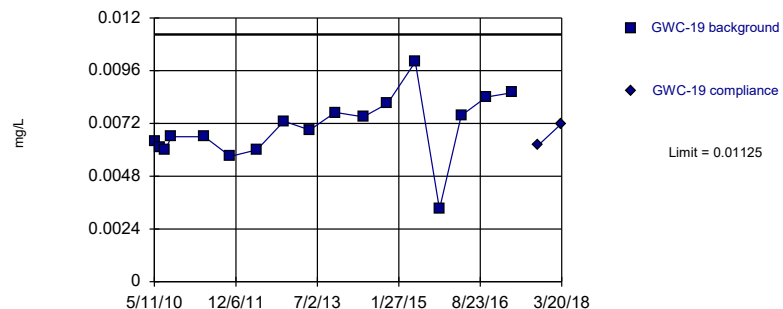
Background Data Summary (based on natural log transformation): Mean=-5.08, Std. Dev.=0.2293, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8616, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006986, Std. Dev.=0.001474, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9573, critical = 0.851. Kappa overridden to 2.894.

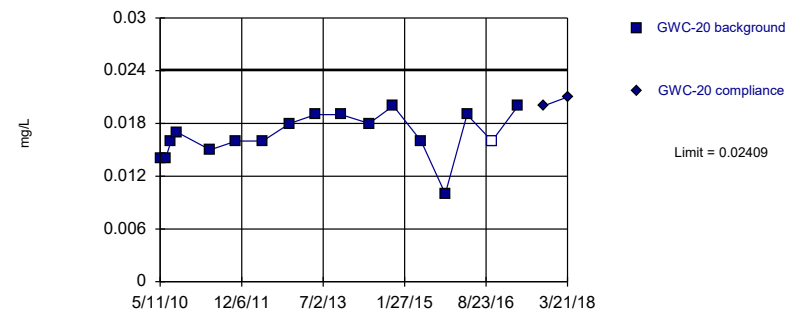
Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01665, Std. Dev.=0.002572, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9176, critical = 0.851. Kappa overridden to 2.894.

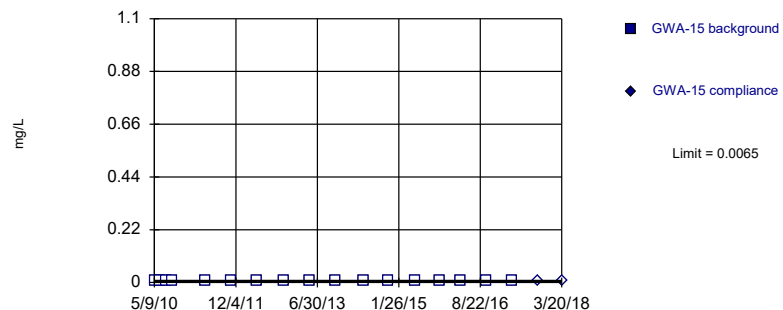
Constituent: Vanadium Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

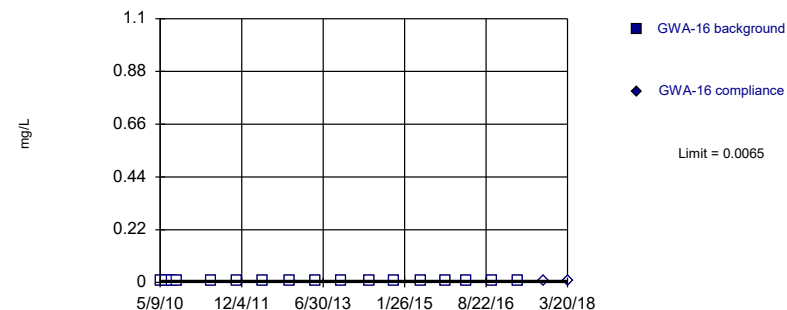
Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

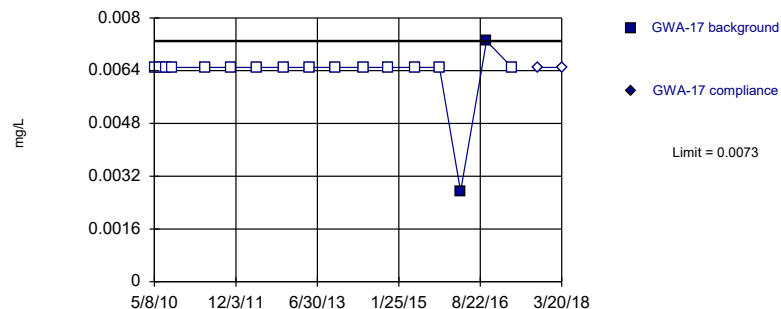


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

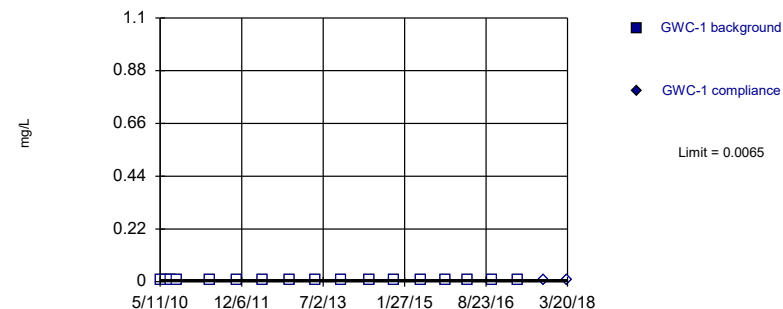


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

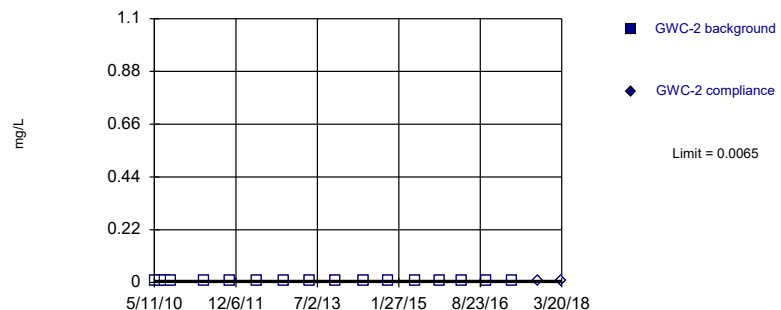


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

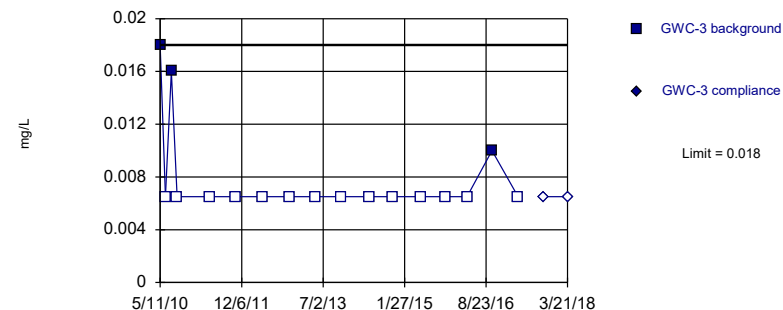


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

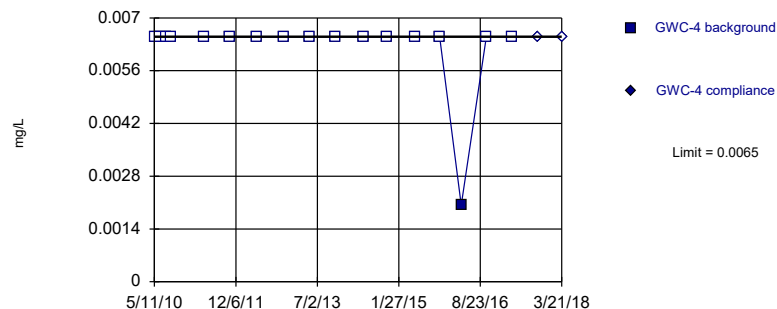


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

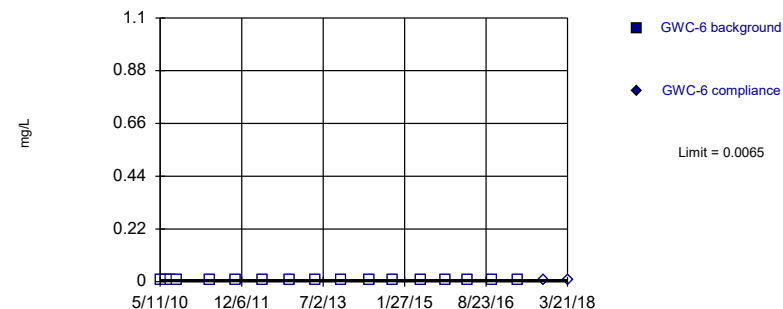


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

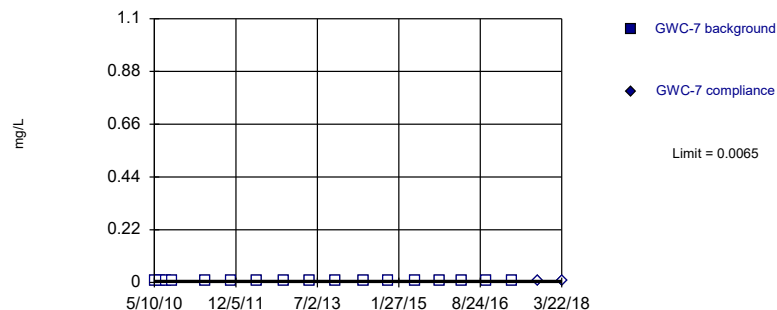


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

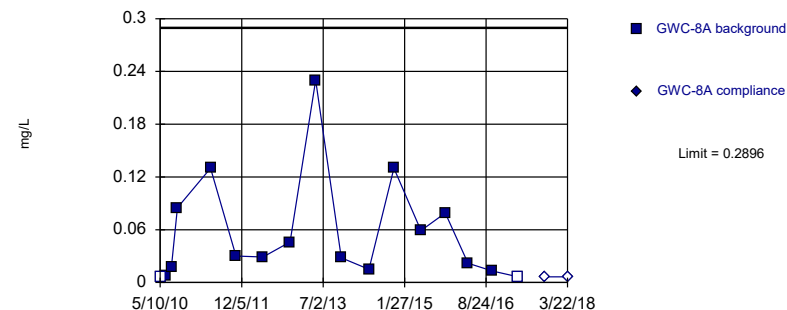


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

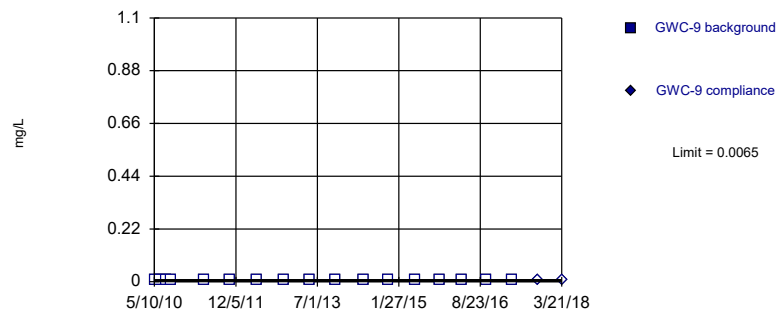


Background Data Summary (based on square root transformation): Mean=0.2063, Std. Dev.=0.1146, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.902, critical = 0.851. Kappa overridden to 2.894.

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

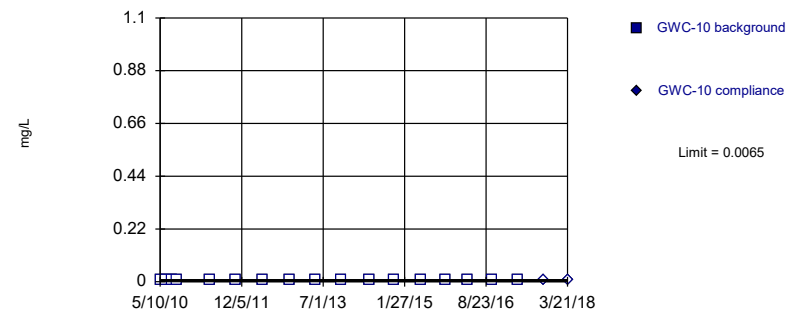


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

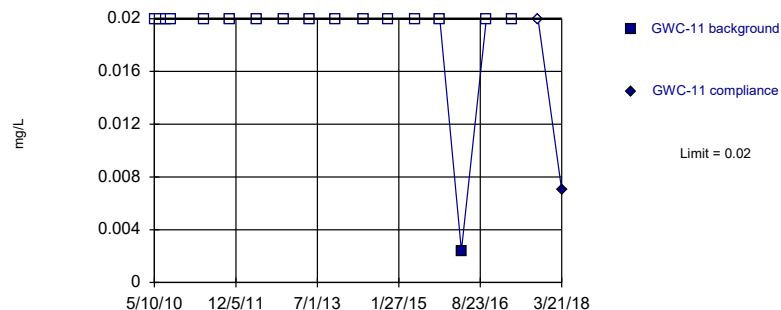


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

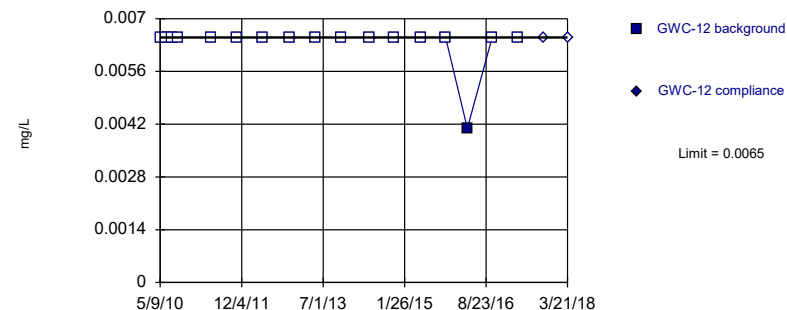


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

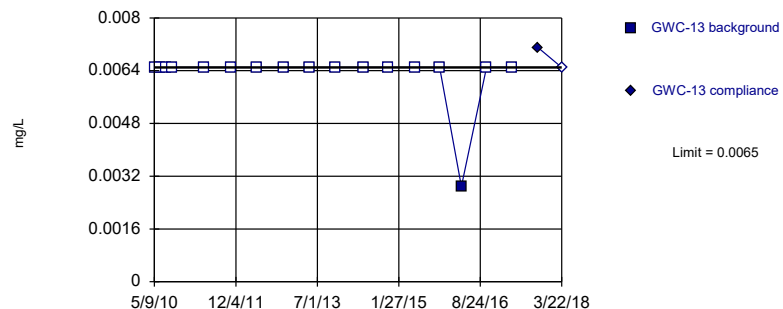


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

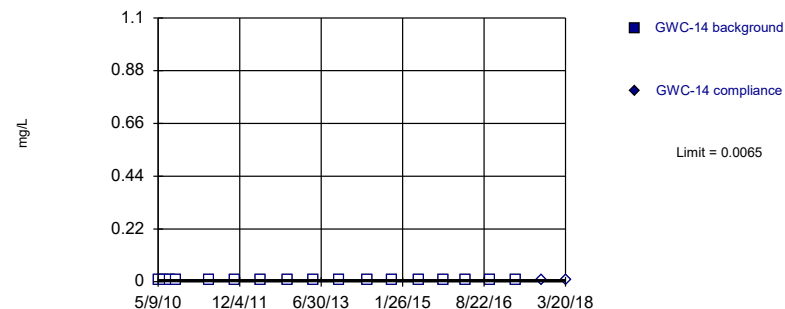


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

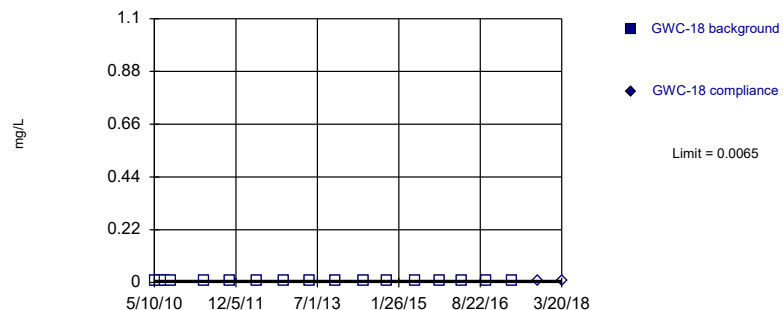


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

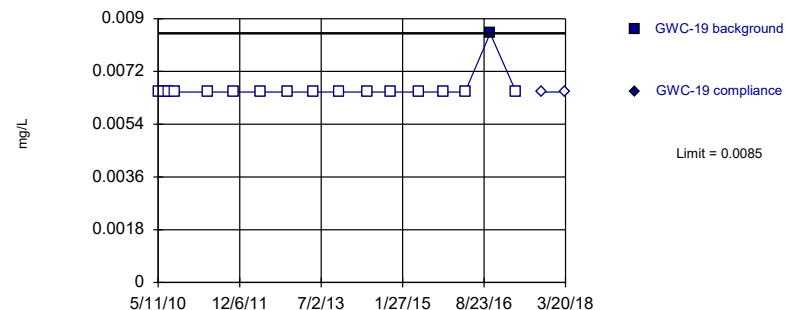


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

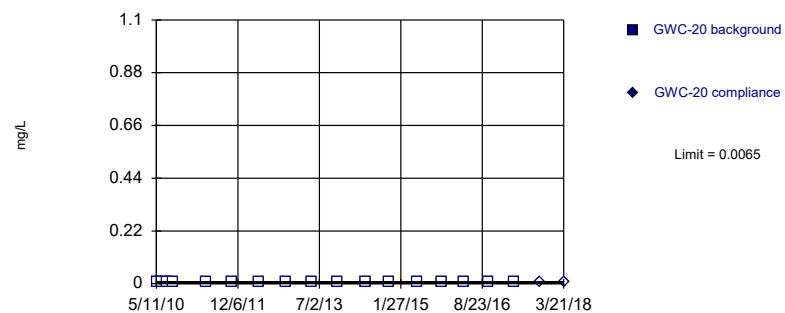


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 17$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:27 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWC-5	0.021	n/a	3/22/2018	0.48	Yes	30	96.67	n/a	0.001781	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.77	n/a	3/22/2018	130	Yes	30	0	x^(1/3)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.6	n/a	3/22/2018	74	Yes	30	0	n/a	0.001781	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	3/22/2018	38	Yes	72	91.67	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1.15	n/a	3/22/2018	400	Yes	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	141.2	n/a	3/22/2018	1000	Yes	30	3.333	No	0.000...	Param Inter 1 of 2

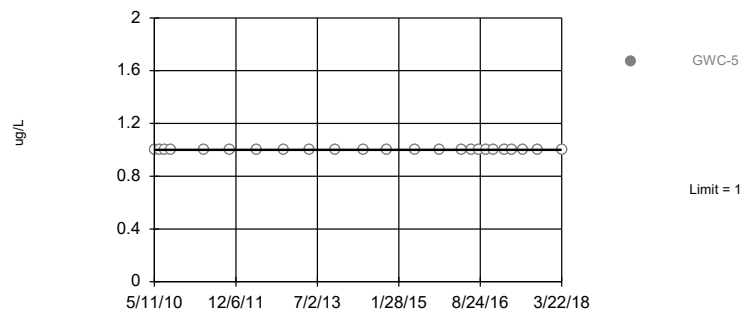
Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWC-5	1	n/a	3/22/2018	1ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-5	0.46	n/a	3/22/2018	0.46	No	72	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Barium, Total (ug/L)	GWC-5	48	n/a	3/22/2018	48	No	72	2.778	n/a	0.000...	NP Inter (normality) ...
Beryllium, Total (ug/L)	GWC-5	2.1	n/a	3/22/2018	0.34ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.021	n/a	3/22/2018	0.48	Yes	30	96.67	n/a	0.001781	NP Inter (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-5	0.34	n/a	3/22/2018	0.34ND	No	72	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.77	n/a	3/22/2018	130	Yes	30	0	x^(1/3)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.6	n/a	3/22/2018	74	Yes	30	0	n/a	0.001781	NP Inter (normality) ...
Chromium, Total (ug/L)	GWC-5	9	n/a	3/22/2018	8.6	No	71	35.21	n/a	0.000...	NP Inter (normality) ...
Cobalt, Total (ug/L)	GWC-5	3	n/a	3/22/2018	0.4ND	No	71	84.51	n/a	0.000...	NP Inter (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.0021	n/a	3/22/2018	0.0021ND	No	57	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	3/22/2018	0.082ND	No	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Lead, Total (ug/L)	GWC-5	5.1	n/a	3/22/2018	0.35ND	No	72	79.17	n/a	0.000...	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	3/22/2018	0.0002ND	No	72	88.89	n/a	0.000...	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.04	n/a	3/22/2018	0.0019	No	57	96.49	n/a	0.000...	NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-5	6.52	5.27	3/22/2018	5.9	No	42	0	n/a	0.002004	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	3/22/2018	38	Yes	72	91.67	n/a	0.000...	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.00011	n/a	3/22/2018	0.00011ND	No	57	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1.15	n/a	3/22/2018	400	Yes	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-5	0.3	n/a	3/22/2018	0.085ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	141.2	n/a	3/22/2018	1000	Yes	30	3.333	No	0.000...	Param Inter 1 of 2
Vanadium (mg/L)	GWC-5	0.013	n/a	3/22/2018	0.0018	No	57	36.84	n/a	0.000...	NP Inter (normality) ...
Zinc (mg/L)	GWC-5	0.0073	n/a	3/22/2018	0.0086	No	57	96.49	n/a	0.000...	NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

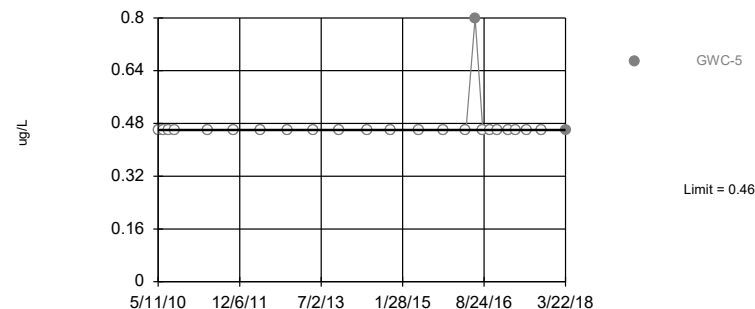


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Antimony, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

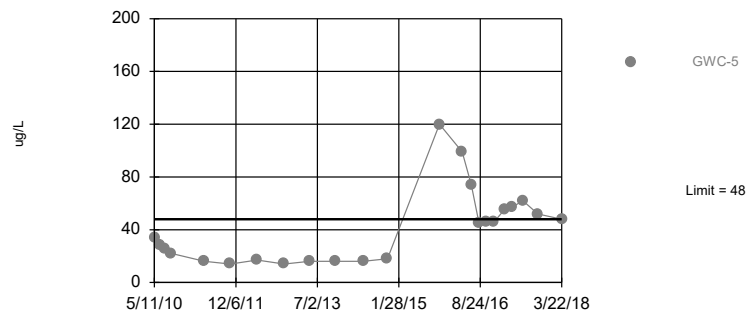


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 72) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

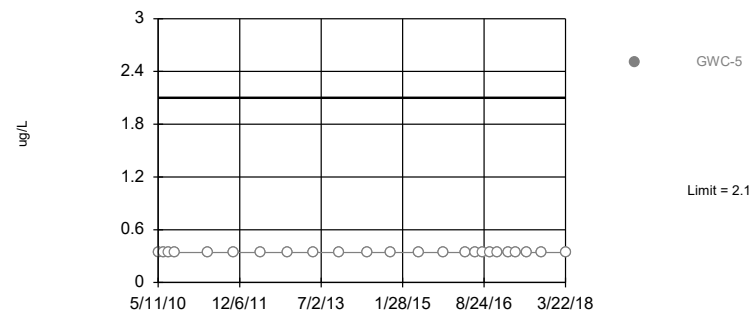


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. 2.778% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Barium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

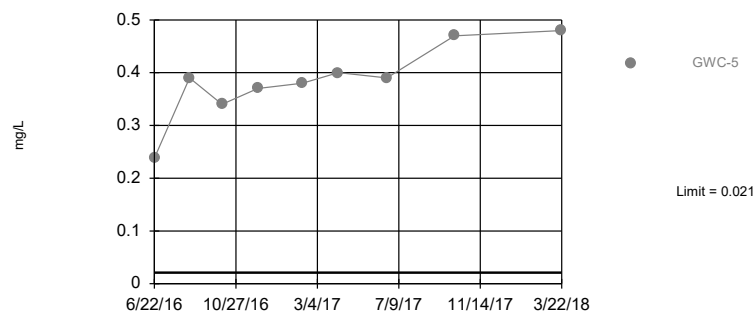


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric

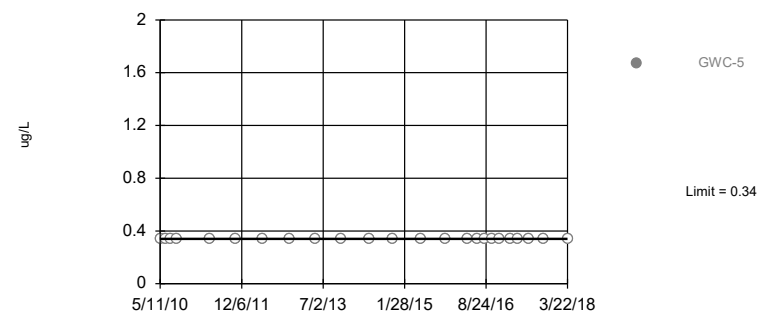


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Boron Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

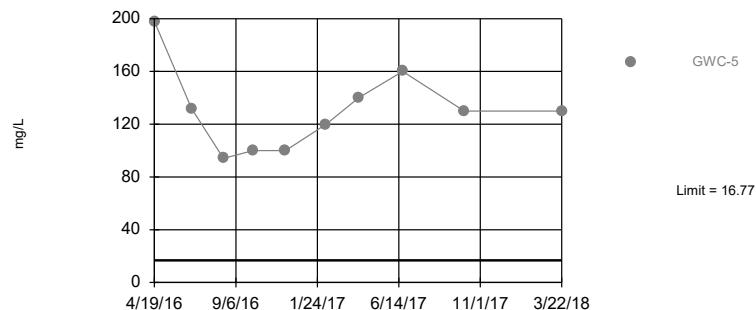


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 72) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Parametric

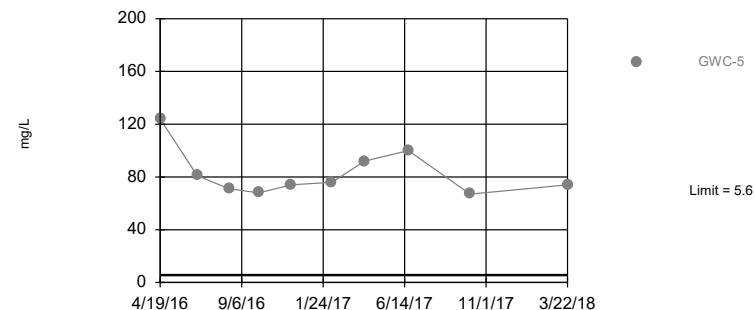


Background Data Summary (based on cube root transformation): Mean=1.915, Std. Dev.=0.2826, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9047, critical = 0.9. Kappa = 2.28 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: Calcium Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric

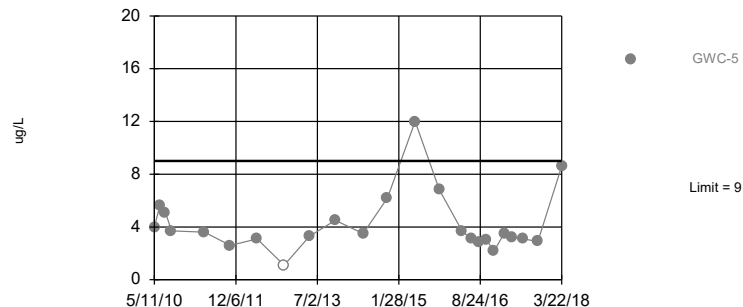


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Chloride Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

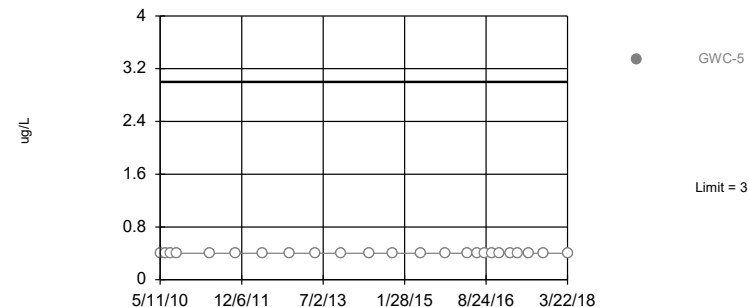


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 71 background values. 35.21% NDs. Annual per-constituent alpha = 0.01255. Individual comparison alpha = 0.0003713 (1 of 2). Assumes 16 future values.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

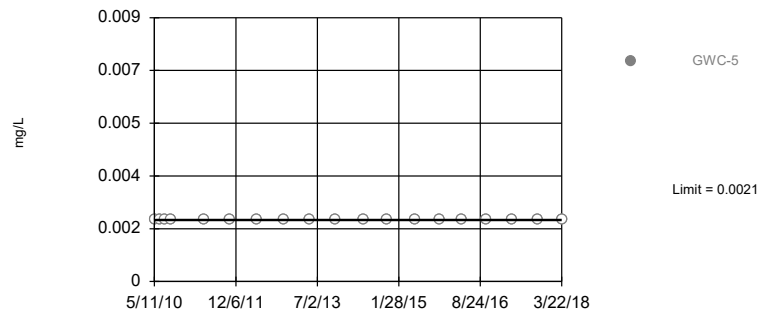


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 71 background values. 84.51% NDs. Annual per-constituent alpha = 0.01255. Individual comparison alpha = 0.0003713 (1 of 2). Assumes 16 future values.

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

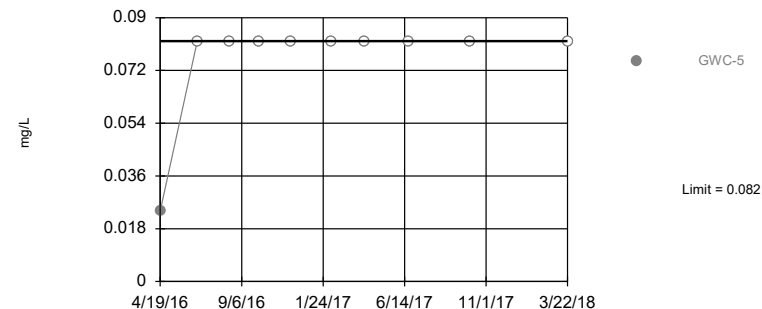


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 57) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Copper Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

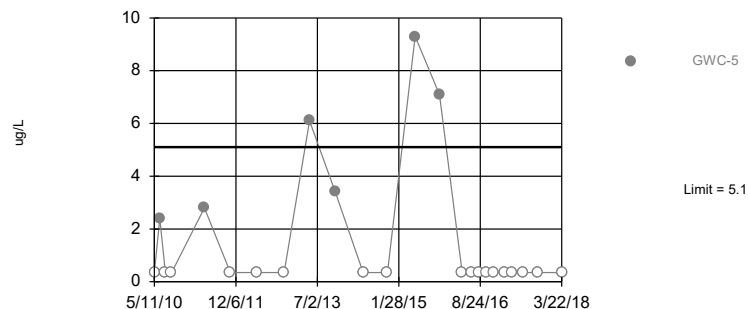


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Fluoride Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

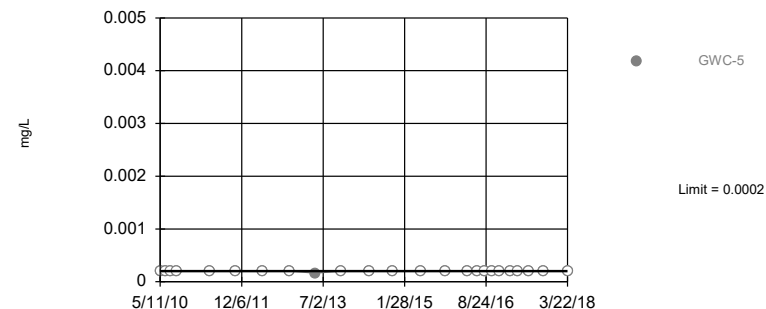


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 79.17% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Lead, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

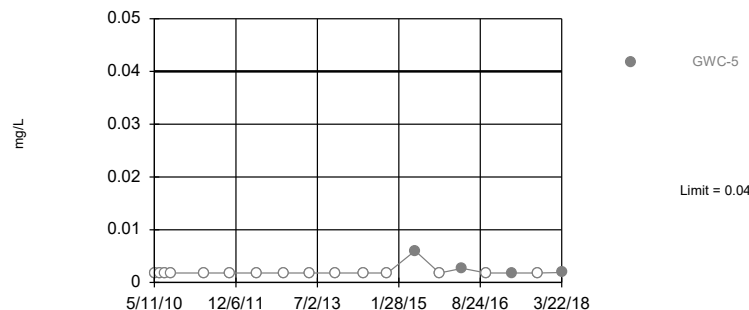


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 88.89% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Mercury Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

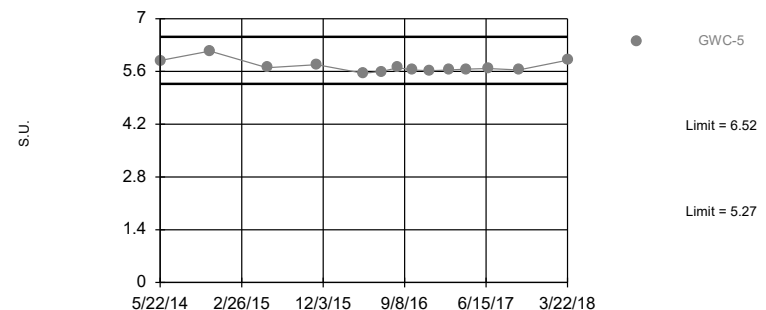


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 96.49% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Nickel Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Interwell Non-parametric

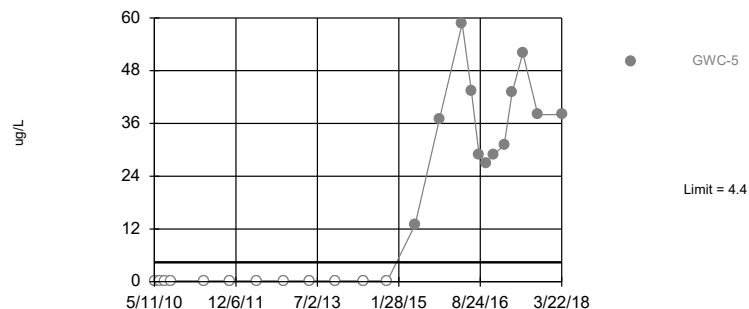


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 42 background values. Annual per-constituent alpha = 0.06702. Individual comparison alpha = 0.002004 (1 of 2). Assumes 16 future values.

Constituent: pH Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric

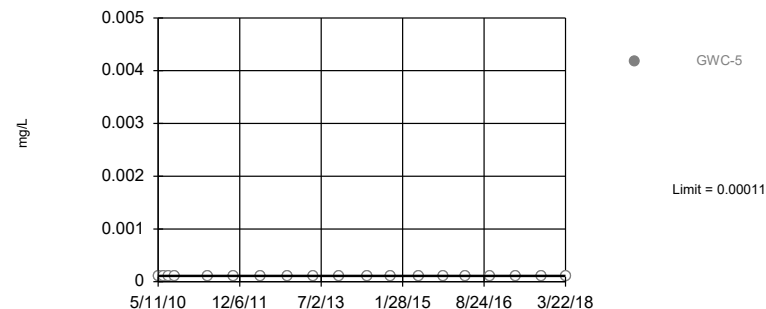


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 91.67% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Selenium, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

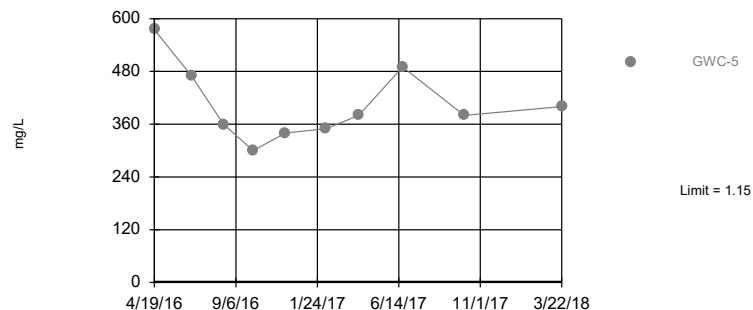


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 57) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Silver Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric

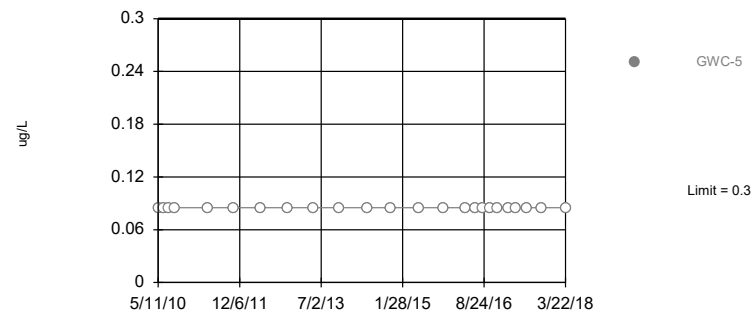


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric



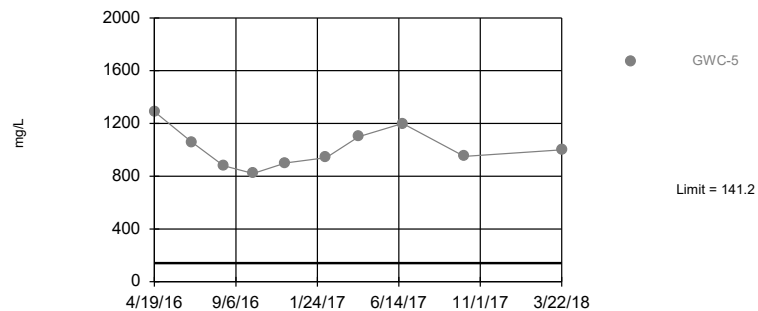
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=65.63, Std. Dev.=33.14, n=30, 3.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.972, critical = 0.9. Kappa = 2.28 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

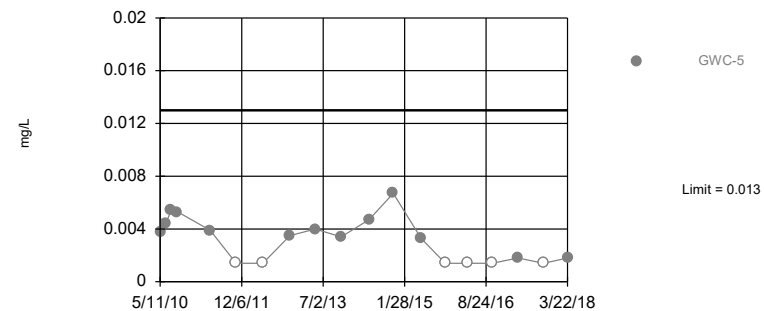
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 57 background values. 36.84% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

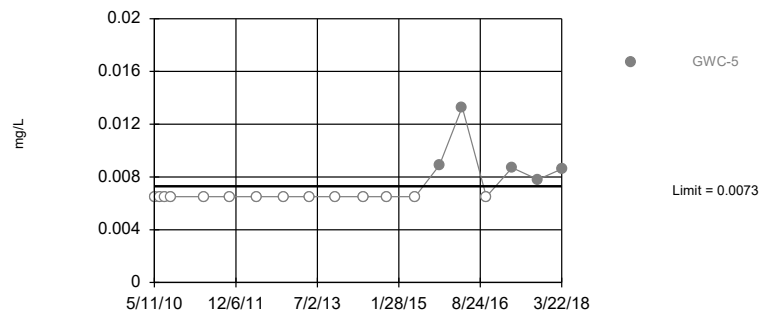
Constituent: Vanadium Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 96.49% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Zinc Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Trend Test

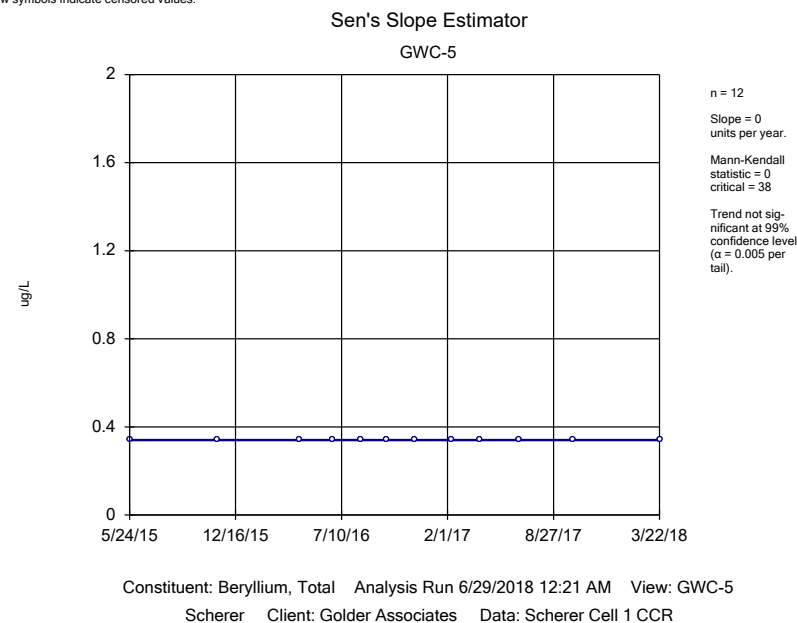
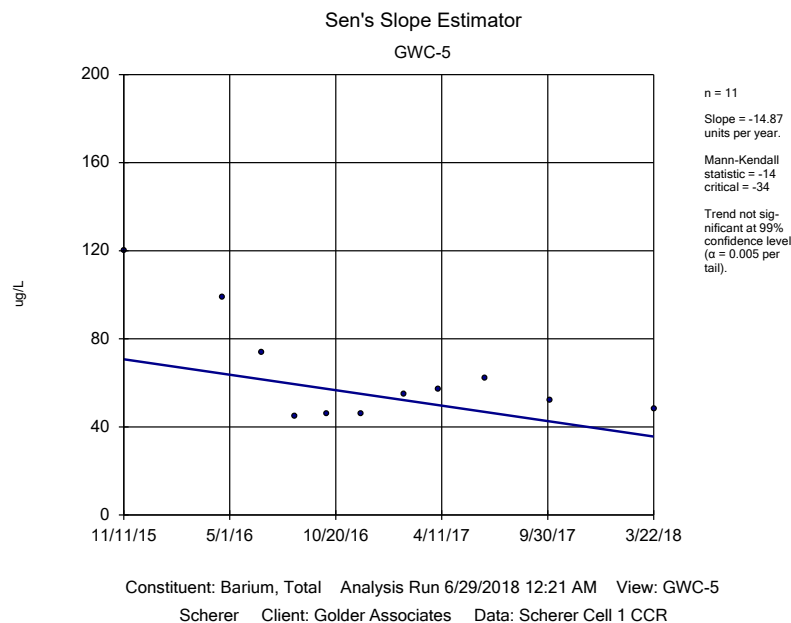
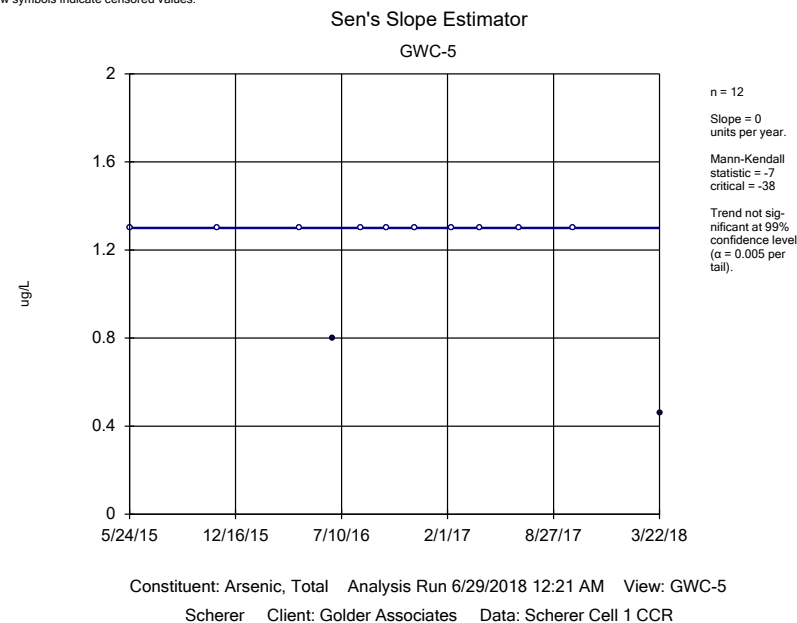
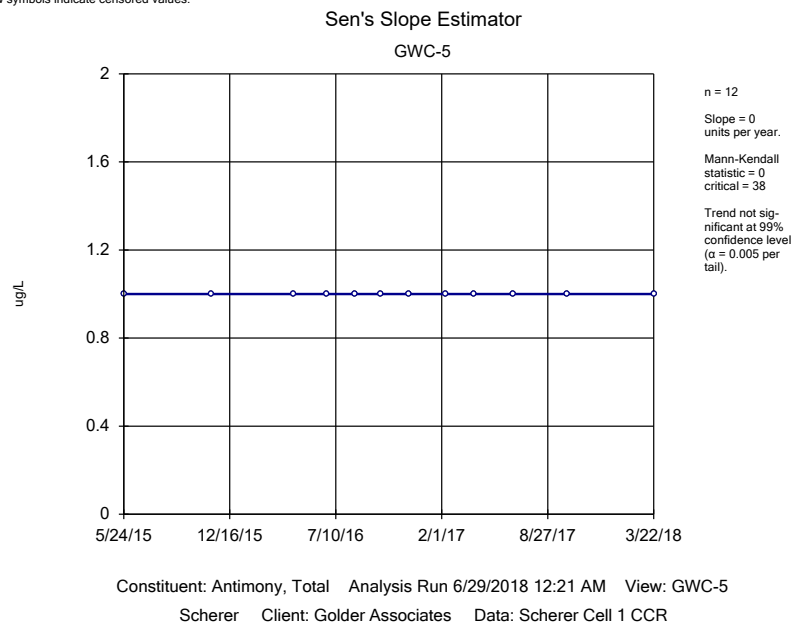
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:22 AM

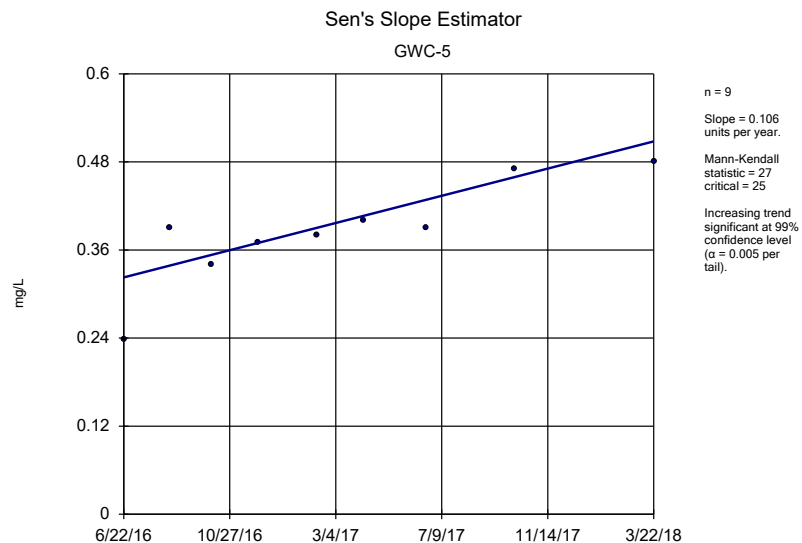
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWC-5	0.106	27	25	Yes	9	0	n/a	n/a	0.01	NP

Trend Test

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:22 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Antimony, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Arsenic, Total (ug/L)	GWC-5	0	-7	-38	No	12	83.33	n/a	n/a	0.01	NP
Barium, Total (ug/L)	GWC-5	-14.87	-14	-34	No	11	0	n/a	n/a	0.01	NP
Beryllium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-5	0.106	27	25	Yes	9	0	n/a	n/a	0.01	NP
Cadmium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-5	10.14	5	30	No	10	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-5	-3.518	-6	-30	No	10	0	n/a	n/a	0.01	NP
Chromium, Total (ug/L)	GWC-5	-0.5674	-17	-38	No	12	0	n/a	n/a	0.01	NP
Cobalt, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Copper (mg/L)	GWC-5	0	0	18	No	7	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-5	0	9	30	No	10	90	n/a	n/a	0.01	NP
Lead, Total (ug/L)	GWC-5	0	-21	-38	No	12	83.33	n/a	n/a	0.01	NP
Mercury (mg/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-5	-0.00...	-12	-18	No	7	42.86	n/a	n/a	0.01	NP
pH (S.U.)	GWC-5	0.04259	10	38	No	12	0	n/a	n/a	0.01	NP
Selenium, Total (ug/L)	GWC-5	6.597	14	38	No	12	0	n/a	n/a	0.01	NP
Silver (mg/L)	GWC-5	0	0	18	No	7	100	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-5	17.59	2	30	No	10	0	n/a	n/a	0.01	NP
Thallium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-5	53.94	5	30	No	10	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-5	-0.00...	-12	-18	No	7	57.14	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-5	-0.00...	-12	-18	No	7	28.57	n/a	n/a	0.01	NP

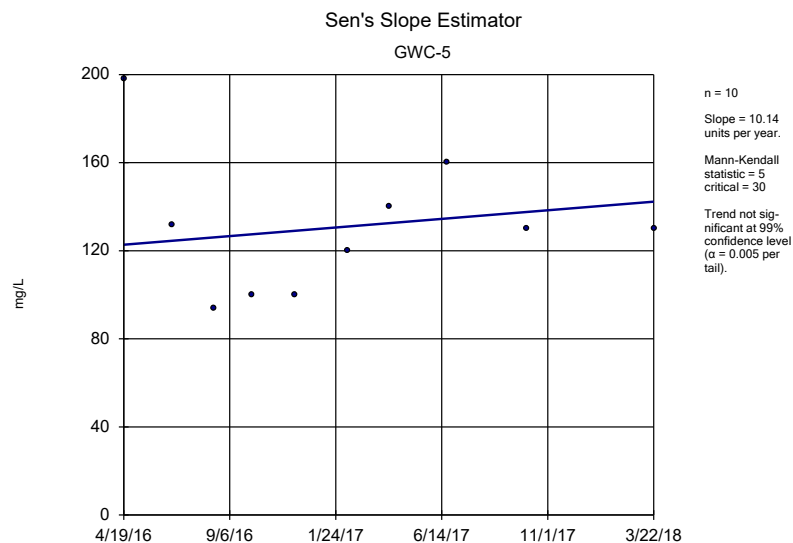




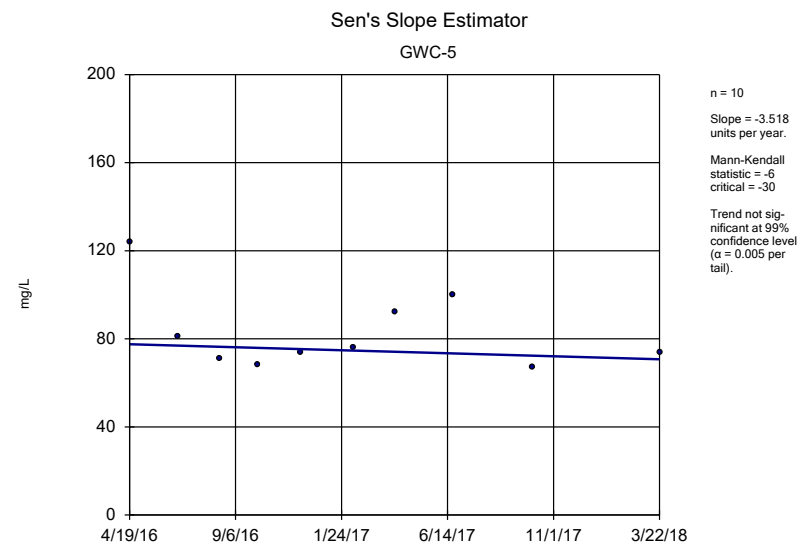
Constituent: Boron Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



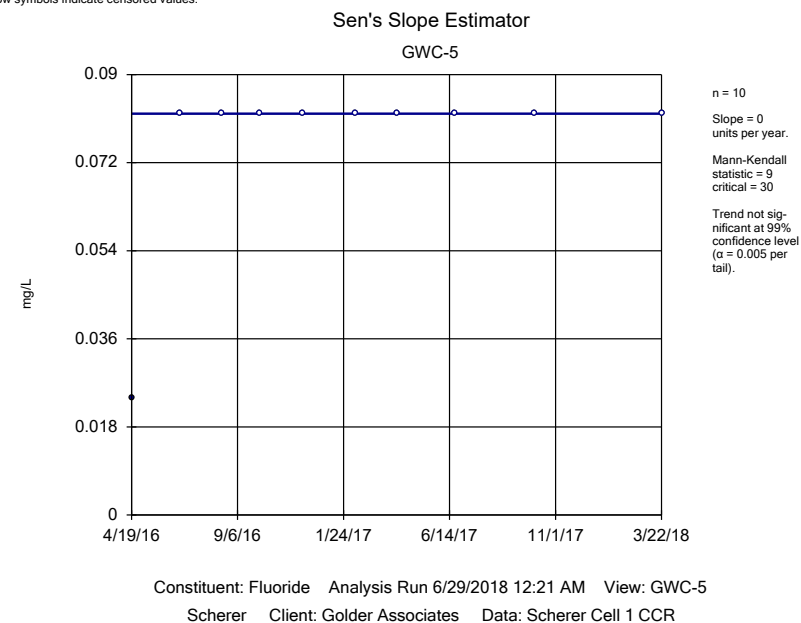
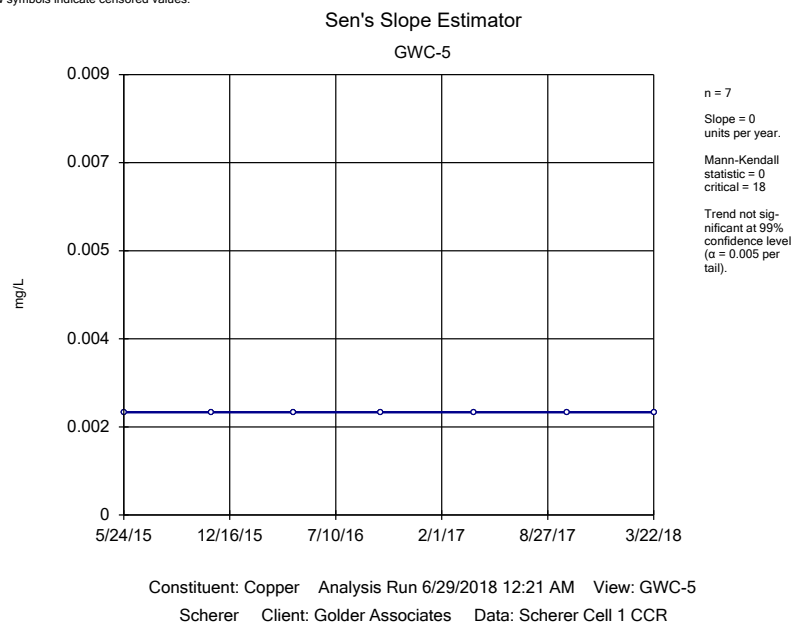
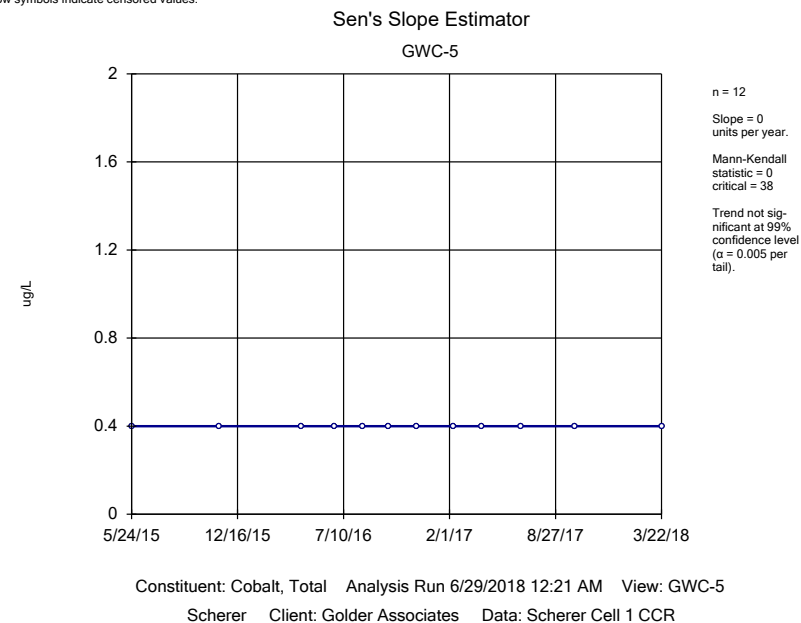
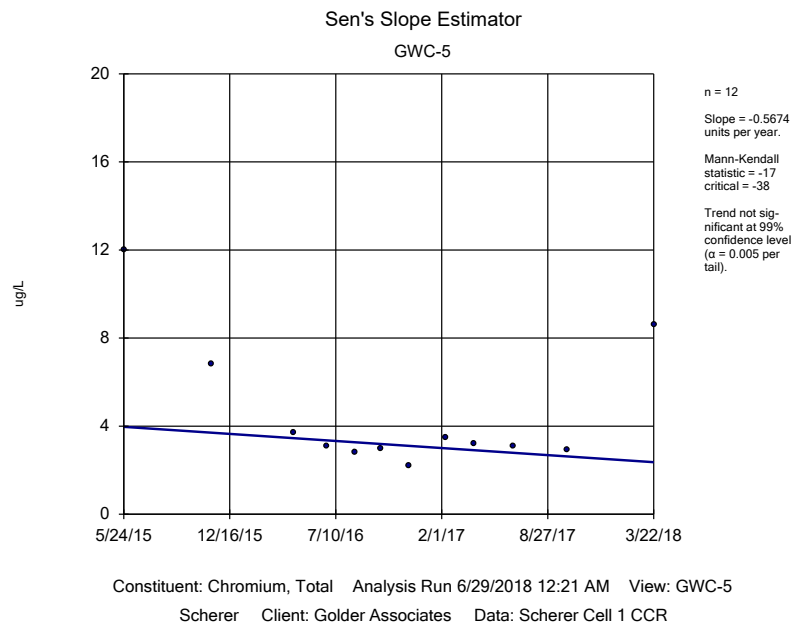
Constituent: Cadmium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

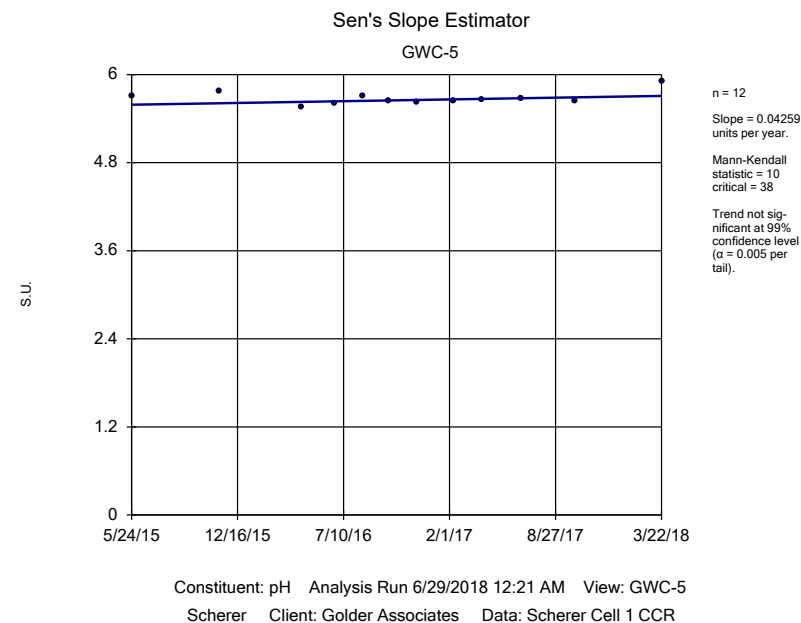
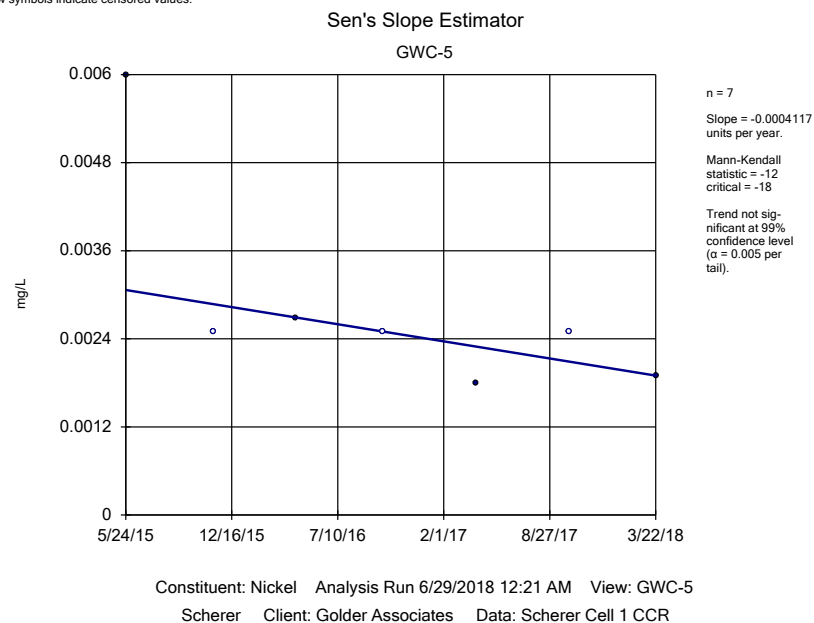
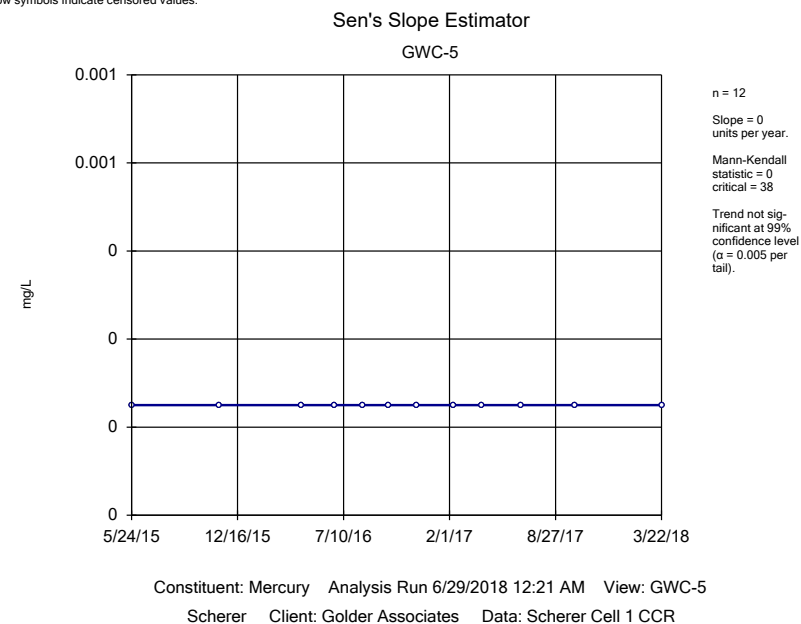
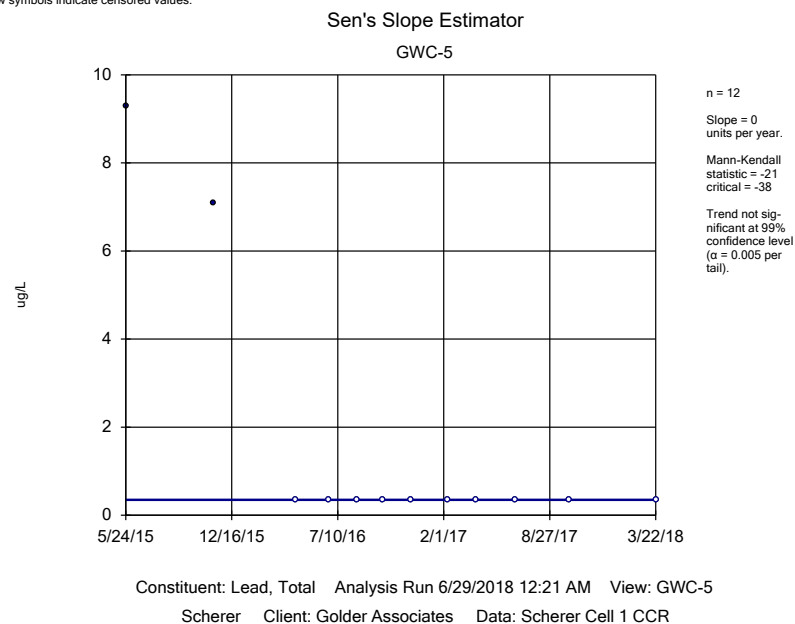


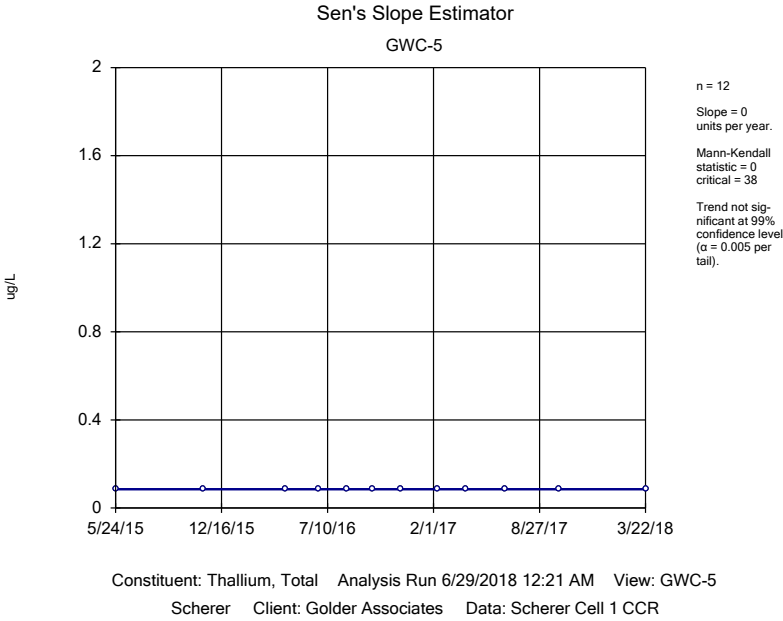
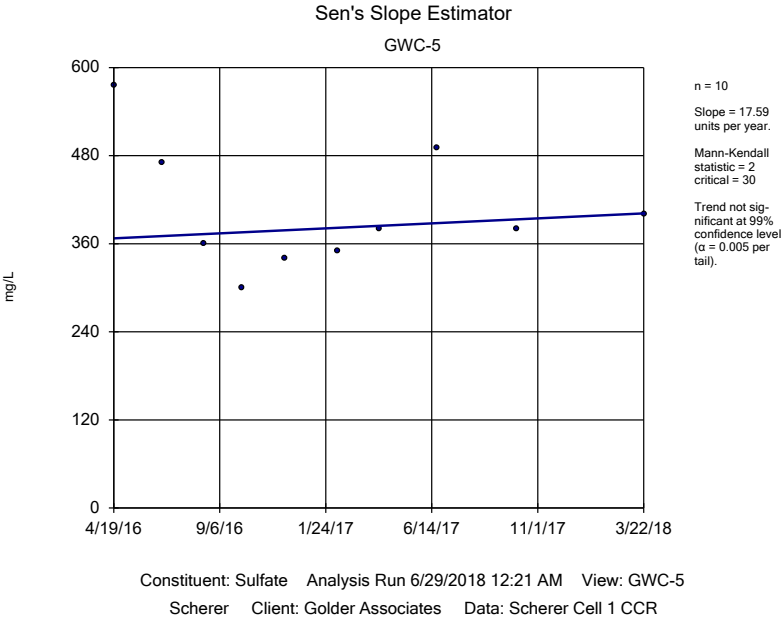
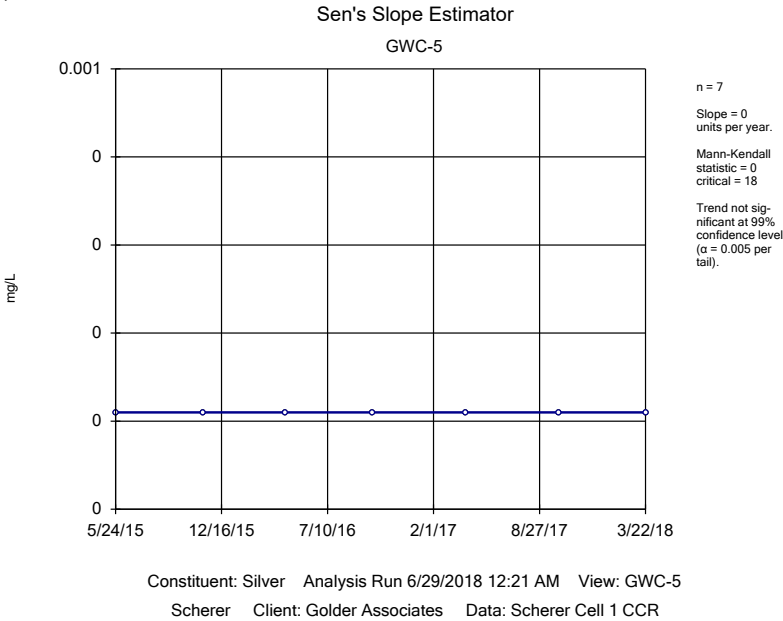
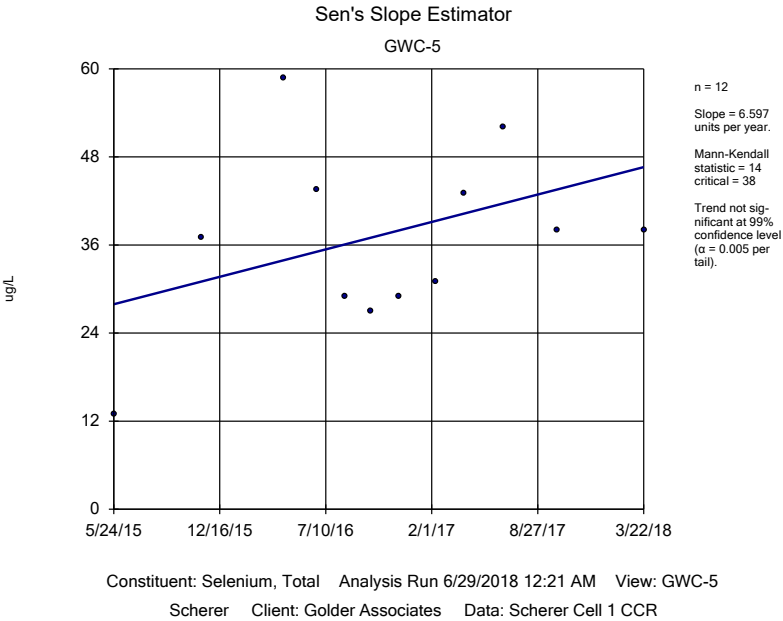
Constituent: Calcium Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

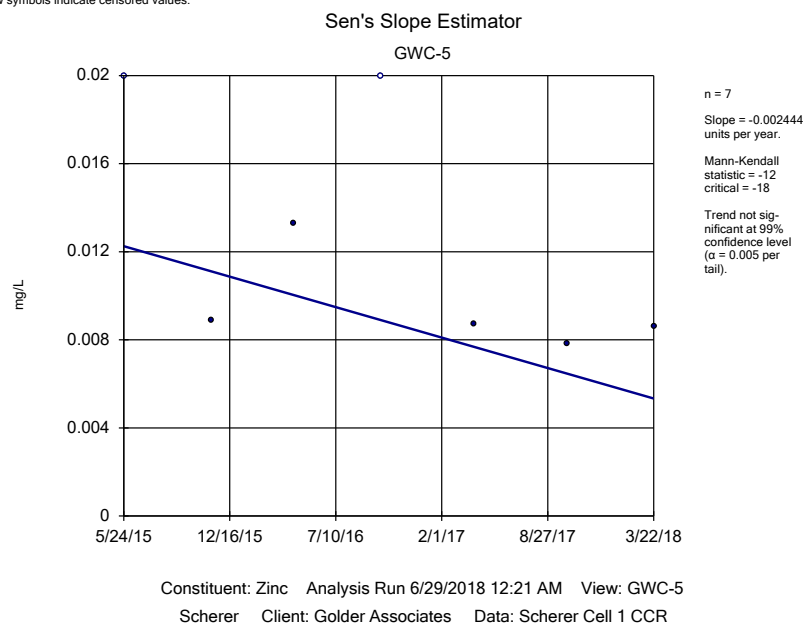
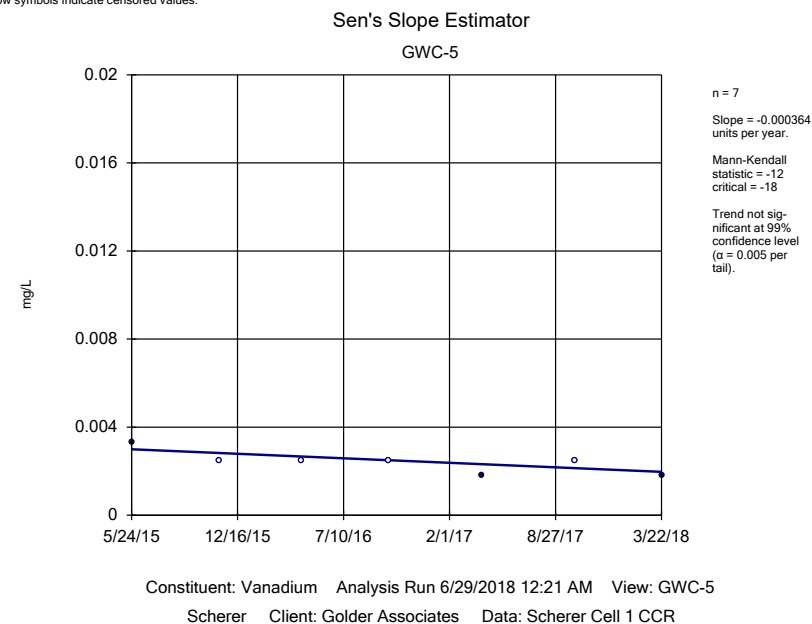
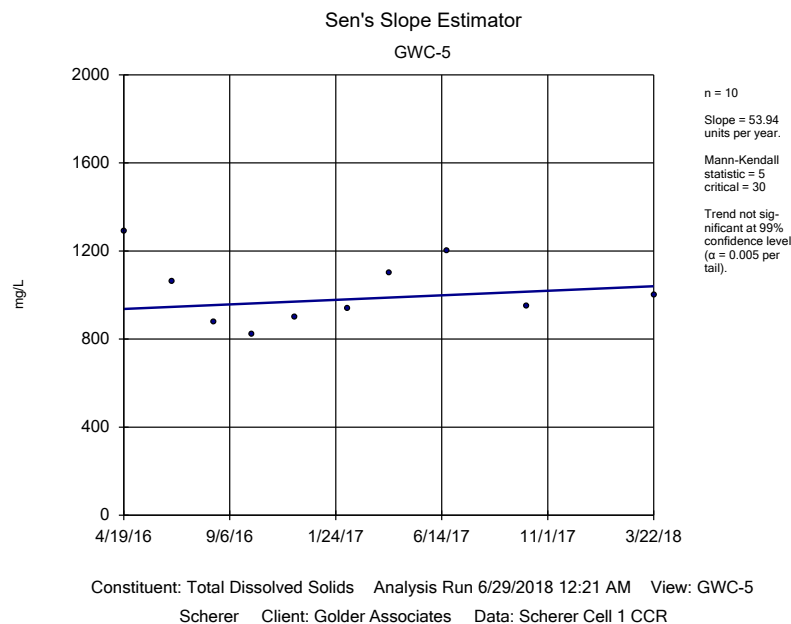


Constituent: Chloride Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR









STATISTICAL ANALYSES

PAC ASH CELL

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-21	0.001	n/a	3/26/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-22	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-45	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-46	0.001	n/a	3/23/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-47	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-48	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-49	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-29	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-50	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-51	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-52	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-53	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-21	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-22	0.00046	n/a	3/26/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-45	0.00046	n/a	3/22/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-46	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.00046	n/a	3/22/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.00053	n/a	3/22/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.00052	n/a	3/23/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-51	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	3/26/2018	0.00046ND	No	19	94.74	n/a	0.004832	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.03102	n/a	3/26/2018	0.026	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.03251	n/a	3/26/2018	0.022	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.06131	n/a	3/22/2018	0.0495	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02254	n/a	3/23/2018	0.02	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.088	n/a	3/22/2018	0.024	No	21	0	n/a	0.003999	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-48	0.031	n/a	3/23/2018	0.012	No	19	0	n/a	0.004832	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-49	0.02333	n/a	3/22/2018	0.018	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01891	n/a	3/26/2018	0.015	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.01518	n/a	3/23/2018	0.011	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-51	0.0129	n/a	3/26/2018	0.0094	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01498	n/a	3/26/2018	0.013	No	20	0	x^2	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.1344	n/a	3/26/2018	0.05	No	21	9.524	No	0.000458	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-47	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-21	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-45	1.032	n/a	3/22/2018	0.66	No	8	0	No	0.000458	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.021	n/a	3/22/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.12	n/a	3/26/2018	0.91	No	8	0	No	0.000458	Param Intra 1 of 2
Cadmium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0016	n/a	3/22/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-21	12.64	n/a	3/26/2018	9.3	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.757	n/a	3/26/2018	8.7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	47.03	n/a	3/22/2018	39	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.155	n/a	3/23/2018	6.6	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.37	n/a	3/22/2018	11	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.7	n/a	3/23/2018	13	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	14.2	n/a	3/22/2018	14	No	7	0	n/a	0.02765	NP Intra (normality) ...
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.352	n/a	3/23/2018	7.5	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.174	n/a	3/26/2018	7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Calcium (mg/L)	GWC-53	21.11	n/a	3/26/2018	19	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.12	n/a	3/26/2018	3.8	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	6.389	n/a	3/26/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	11.24	n/a	3/22/2018	9.7	No	8	0	x^2	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.813	n/a	3/22/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	2.008	n/a	3/23/2018	1.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.536	n/a	3/22/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.329	n/a	3/26/2018	3.1	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.225	n/a	3/23/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.154	n/a	3/26/2018	6.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.927	n/a	3/26/2018	7.8	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-21	0.01153	n/a	3/26/2018	0.0011	No	21	19.05	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01316	n/a	3/26/2018	0.0088	No	20	5	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-45	0.0042	n/a	3/22/2018	0.0011ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-46	0.01059	n/a	3/23/2018	0.0045	No	21	4.762	ln(x)	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chromium, Total (mg/L)	GWA-47	0.07483	n/a	3/22/2018	0.0074	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-48	0.02881	n/a	3/23/2018	0.005	No	21	9.524	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-49	0.01171	n/a	3/22/2018	0.0051	No	21	4.762	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.01	n/a	3/26/2018	0.0013	No	20	45	n/a	0.004291	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-50	0.0119	n/a	3/23/2018	0.0042	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.01	n/a	3/26/2018	0.0028	No	21	14.29	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-52	0.01536	n/a	3/26/2018	0.012	No	21	4.762	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.01	n/a	3/26/2018	0.0014	No	20	40	n/a	0.004291	NP Intra (normality) ...
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	3/26/2018	0.00088	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0038	n/a	3/26/2018	0.0004ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01974	n/a	3/22/2018	0.0015	No	20	30	ln(x)	0.000458	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0004	n/a	3/23/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0048	n/a	3/22/2018	0.0004ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0039	n/a	3/23/2018	0.0004ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0004	n/a	3/22/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0004	n/a	3/23/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-52	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01731	n/a	3/26/2018	0.0069	No	21	9.524	No	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.078	n/a	3/26/2018	0.0021ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	3/22/2018	0.0021ND	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.06808	n/a	3/22/2018	0.0021ND	No	16	12.5	sqrt(x)	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-48	0.013	n/a	3/23/2018	0.0021ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Copper, Total (mg/L)	GWA-49	0.0021	n/a	3/22/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-29	0.0031	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.0031	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-52	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-53	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.082	n/a	3/22/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	3/23/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	3/22/2018	0.00035ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-46	0.0037	n/a	3/23/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	3/22/2018	0.00096	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	3/23/2018	0.00035ND	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-49	0.0062	n/a	3/22/2018	0.00035ND	No	21	57.14	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	3/23/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	3/26/2018	0.0034	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.0026	n/a	3/26/2018	0.00035ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.000081	n/a	3/22/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.000084	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	3/23/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-51	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.000082	n/a	3/26/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-53	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.003	n/a	3/26/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.0035	n/a	3/23/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	3/22/2018	0.0018ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Nickel, Total (mg/L)	GWA-48	0.0225	n/a	3/23/2018	0.0018ND	No	16	43.75	ln(x)	0.000458	Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-49	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	3/26/2018	0.0037	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	3/23/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	3/26/2018	0.0021	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-52	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008659	n/a	3/26/2018	0.0075	No	15	6.667	No	0.000458	Param Intra 1 of 2
pH (S.U.)	GWA-21	6.009	5.575	3/26/2018	5.76	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.351	5.483	3/26/2018	6.06	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.595	5.613	3/22/2018	6.2	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	3/23/2018	5.89	No	10	0	n/a	0.02952	NP Intra (normality) ...
pH (S.U.)	GWA-47	6.595	6.252	3/22/2018	6.46	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-48	7.013	6.451	3/23/2018	6.92	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.135	6.527	3/22/2018	7	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-29	5.925	5.673	3/26/2018	5.91	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-50	6.006	5.643	3/23/2018	5.98	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-51	8.36	5.76	3/26/2018	5.98	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-52	7.63	6.53	3/26/2018	6.77	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-53	7.725	5.48	3/26/2018	5.78	No	11	0	n/a	0.02553	NP Intra (normality) ...
Selenium, Total (mg/L)	GWA-21	0.0072	n/a	3/26/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.0093	n/a	3/22/2018	0.00024ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-46	0.00024	n/a	3/23/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.0064	n/a	3/22/2018	0.00024ND	No	20	90	n/a	0.004291	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.0077	n/a	3/23/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.0041	n/a	3/22/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.0044	n/a	3/26/2018	0.00024ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Selenium, Total (mg/L)	GWC-50	0.0042	n/a	3/23/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-51	0.00024	n/a	3/26/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.0067	n/a	3/26/2018	0.00024ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.0025	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-21	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-22	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-45	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-47	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-48	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-49	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-29	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-50	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-51	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-52	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-53	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	0.7	n/a	3/26/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	192.8	n/a	3/22/2018	150	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	0.7	n/a	3/23/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	0.7	n/a	3/22/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.756	n/a	3/23/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	0.7	n/a	3/22/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	2.954	n/a	3/26/2018	2.4	No	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	0.7	n/a	3/23/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	0.7	n/a	3/26/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	178.5	n/a	3/26/2018	160	No	8	0	No	0.000458	Param Intra 1 of 2
Thallium, Total (mg/L)	GWA-21	0.00048	n/a	3/26/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.00086	n/a	3/26/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.00032	n/a	3/22/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-46	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-47	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-49	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-29	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.00028	n/a	3/23/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-52	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-53	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	117.2	n/a	3/26/2018	94	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	131.8	n/a	3/26/2018	56	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	319.8	n/a	3/22/2018	310	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	96.35	n/a	3/23/2018	52	No	8	12.5	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	125.9	n/a	3/22/2018	92	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	133.1	n/a	3/23/2018	86	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	125.1	n/a	3/22/2018	100	No	7	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	132.7	n/a	3/26/2018	58	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	123.7	n/a	3/23/2018	96	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	96.73	n/a	3/26/2018	72	No	7	0	No	0.000458	Param Intra 1 of 2

Prediction Limit

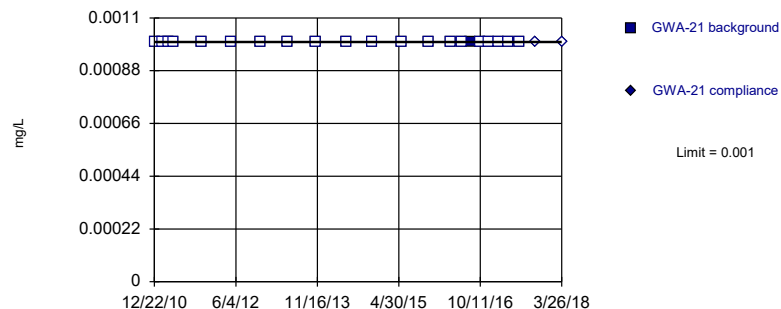
Page 6

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWC-52	149.8	n/a	3/26/2018	98	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	293.1	n/a	3/26/2018	240	No	8	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0014	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	3/26/2018	0.0029	No	16	68.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0062	n/a	3/22/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.02	n/a	3/23/2018	0.0032	No	16	12.5	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWA-47	0.04287	n/a	3/22/2018	0.0068	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02471	n/a	3/23/2018	0.016	No	15	6.667	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02405	n/a	3/22/2018	0.018	No	16	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.009002	n/a	3/26/2018	0.0037	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.0044	n/a	3/23/2018	0.0023	No	16	43.75	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWC-51	0.006918	n/a	3/26/2018	0.004	No	16	25	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-52	0.01464	n/a	3/26/2018	0.0096	No	14	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0136	n/a	3/26/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.039	n/a	3/26/2018	0.0065ND	No	15	93.33	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.013	n/a	3/23/2018	0.0065ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.014	n/a	3/22/2018	0.0065ND	No	15	86.67	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.0065	n/a	3/23/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0065	n/a	3/23/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.01959	n/a	3/26/2018	0.016	No	15	0	No	0.000458	Param Intra 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

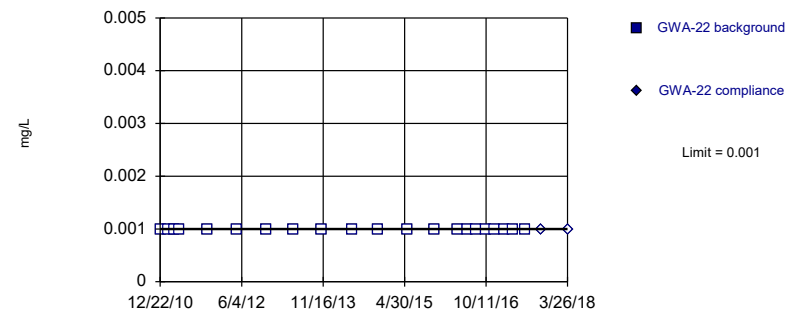


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

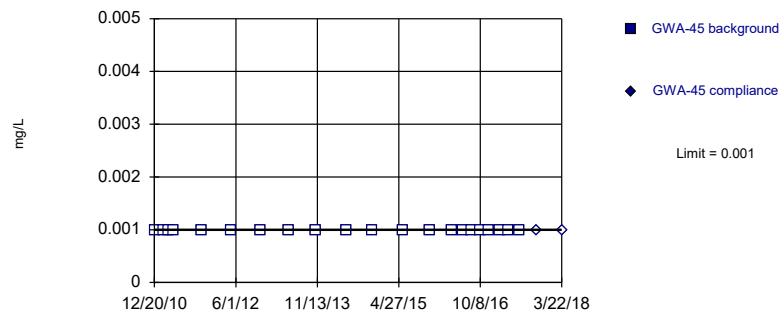


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

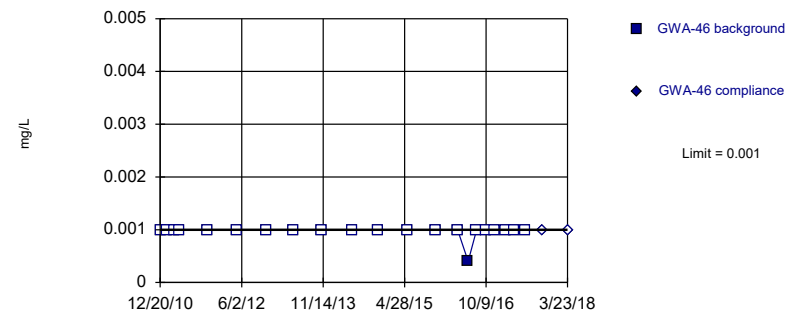


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

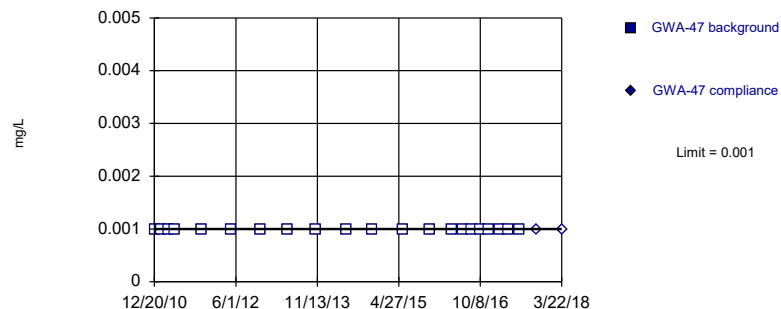


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Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

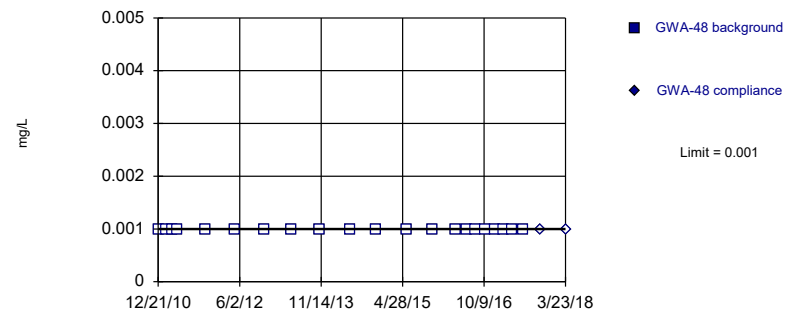


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Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

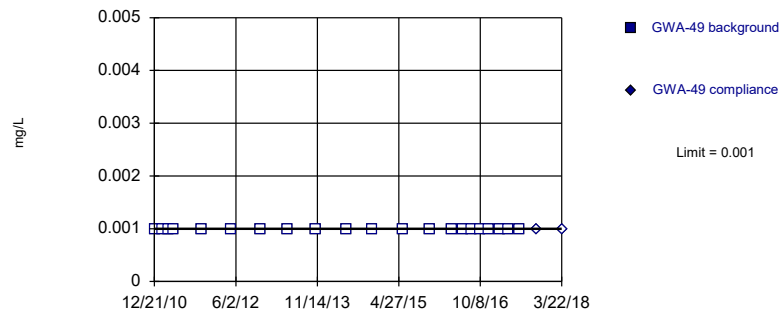


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Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

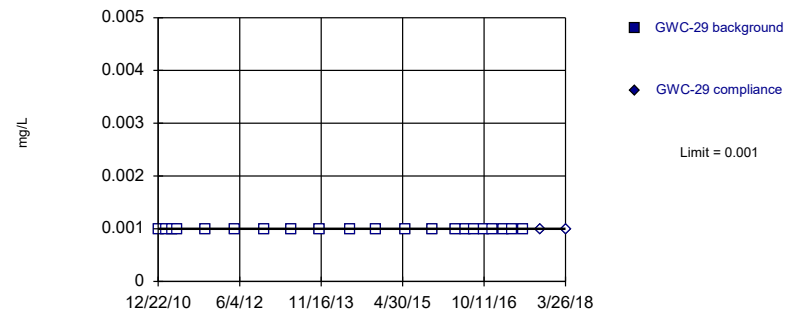


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Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

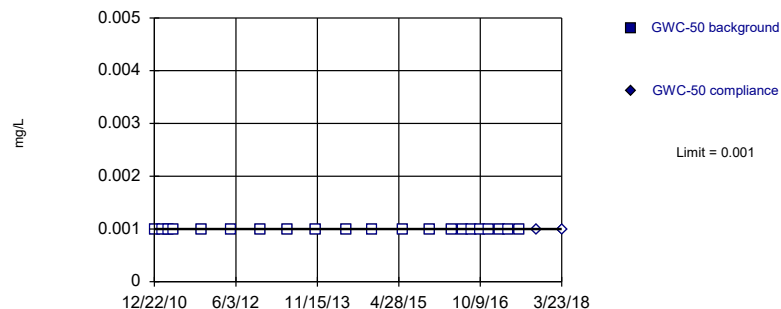


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

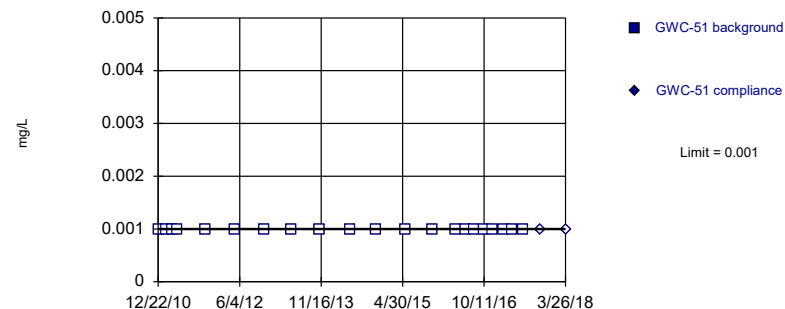


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

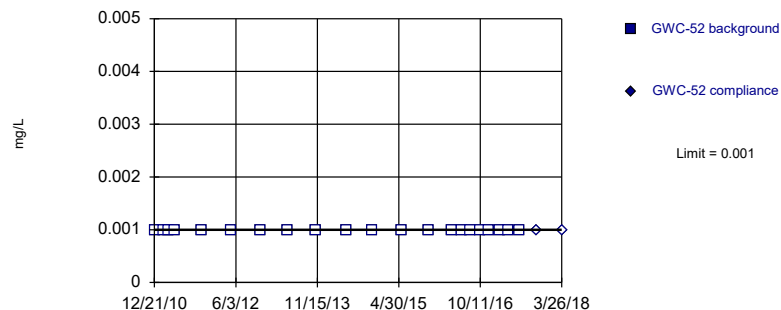


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

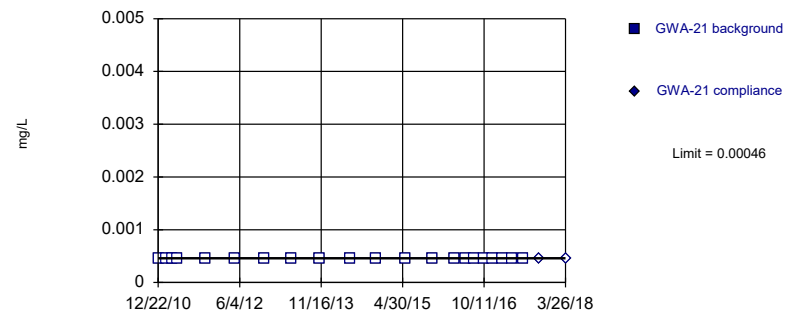


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

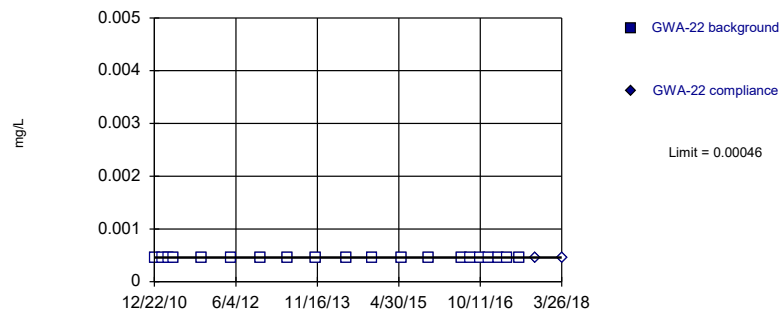


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

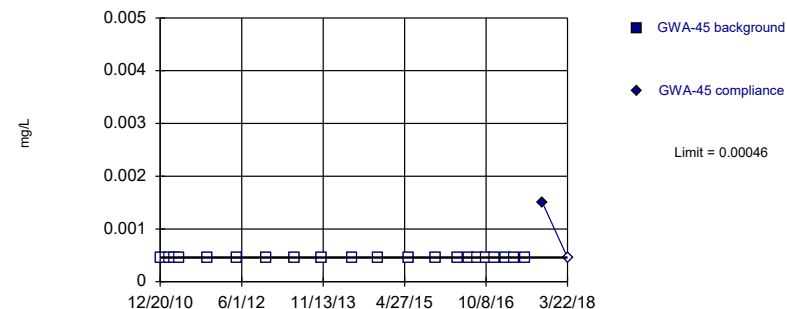


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

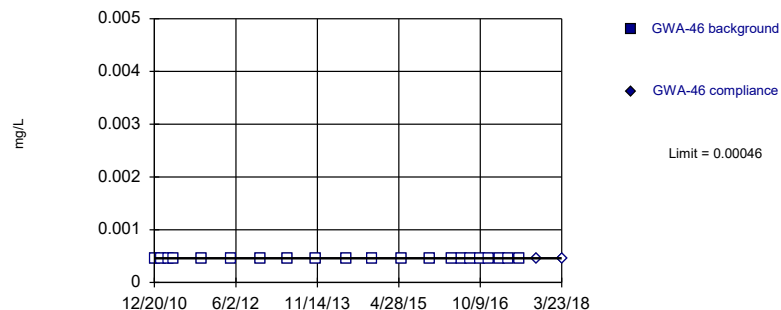


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

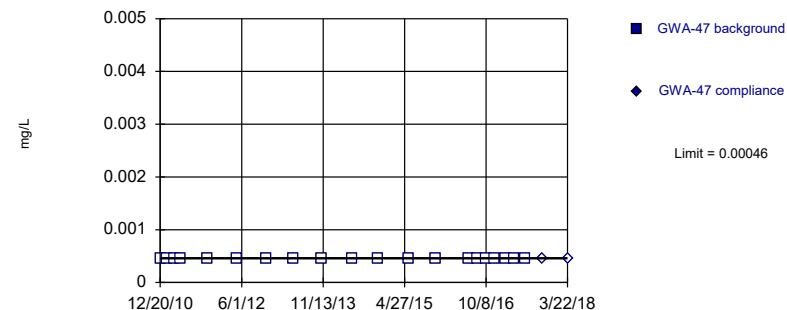


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

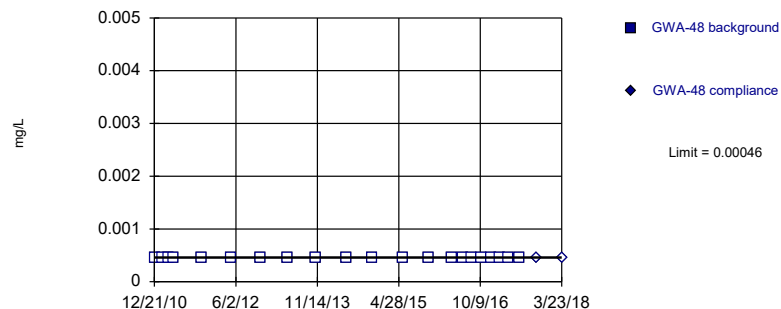


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

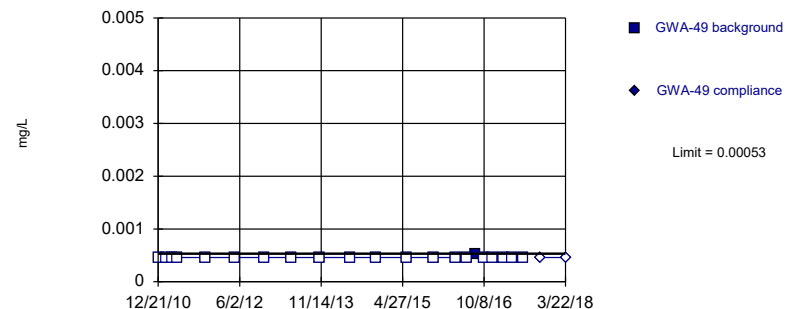


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

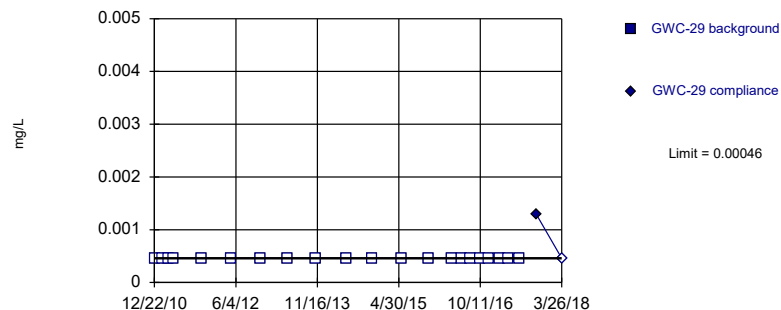


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

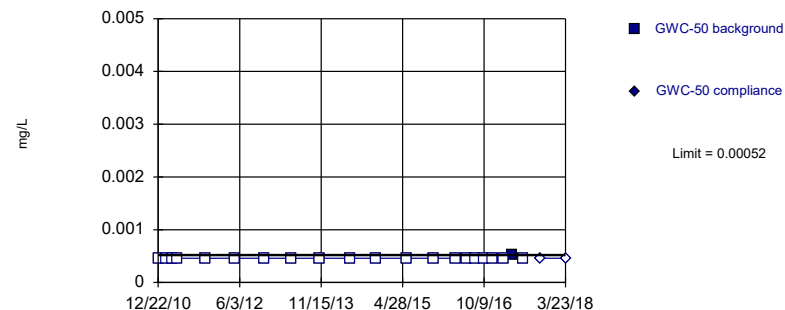


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

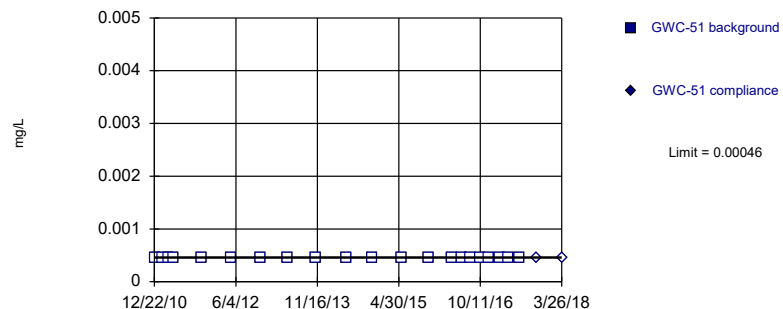


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

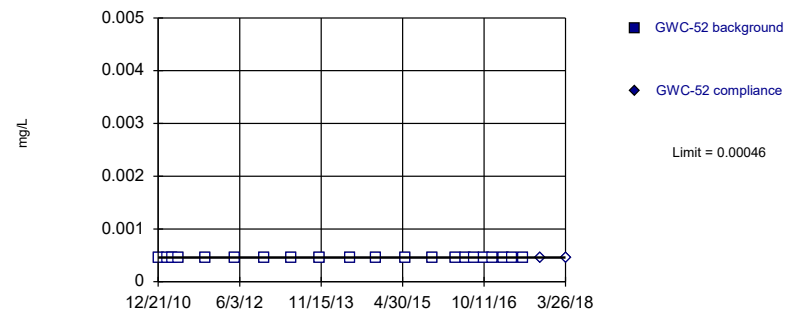


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

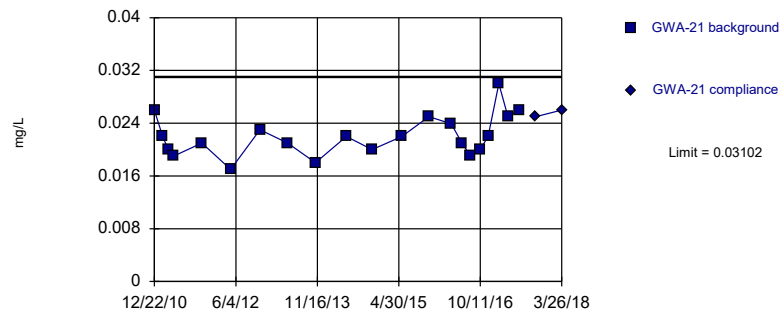


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

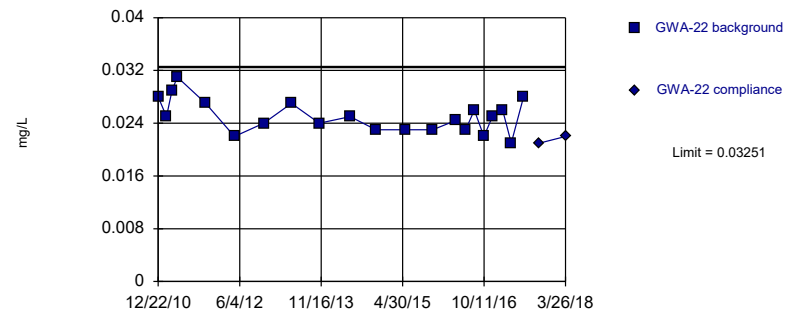


Background Data Summary: Mean=0.02204, Std. Dev.=0.003103, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9549, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



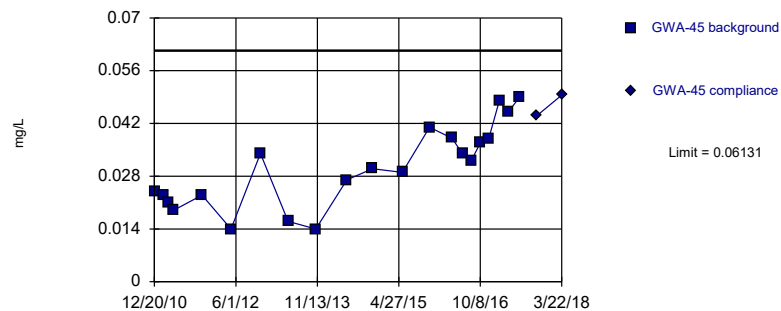
Background Data Summary: Mean=0.02507, Std. Dev.=0.002572, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9637, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



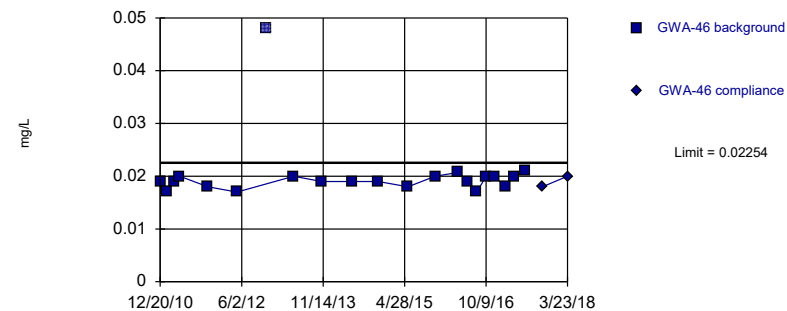
Background Data Summary: Mean=0.03029, Std. Dev.=0.01072, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



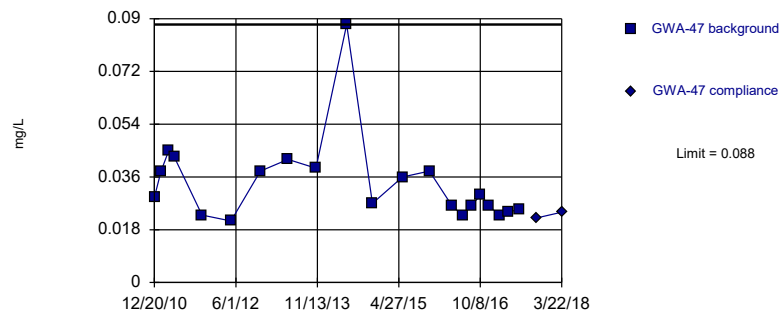
Background Data Summary: Mean=0.01904, Std. Dev.=0.001211, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



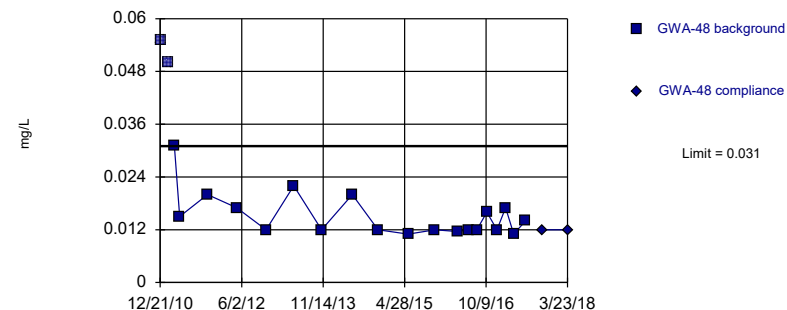
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



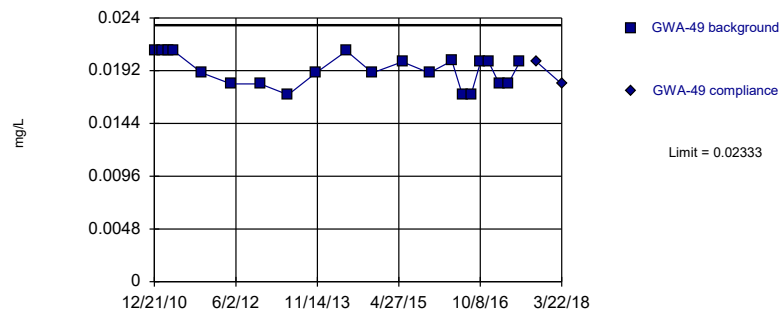
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



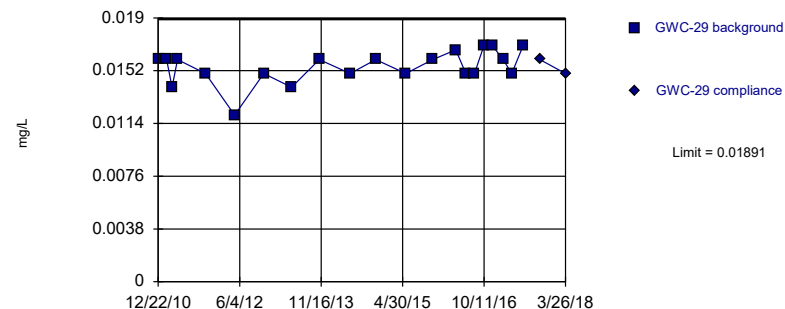
Background Data Summary: Mean=0.01924, Std. Dev.=0.001414, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



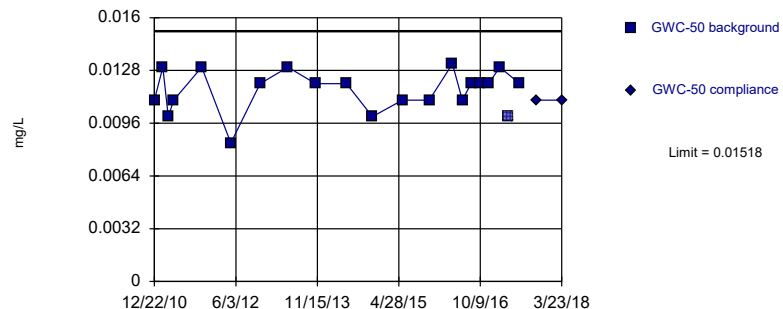
Background Data Summary: Mean=0.01546, Std. Dev.=0.001192, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8775, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01163, Std. Dev.=0.001228, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.868. Kappa overridden to 2.894.

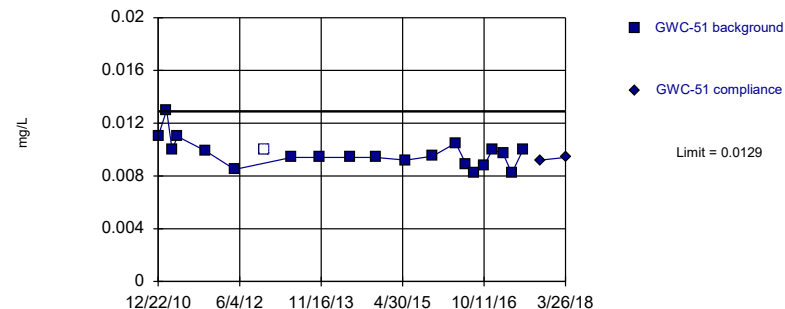
Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



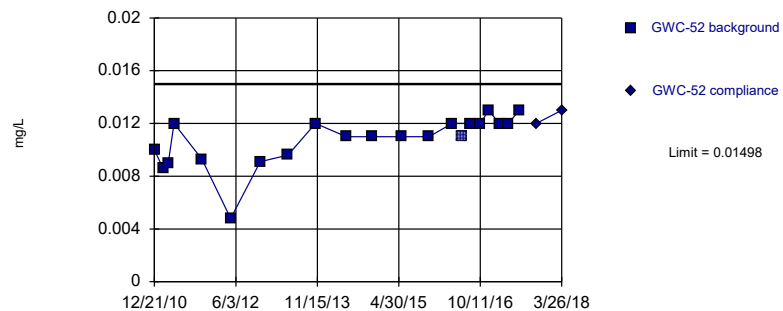
Background Data Summary: Mean=0.0097, Std. Dev.=0.001106, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8978, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001185, Std. Dev.=0.00003665, n=20.
Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.908, critical = 0.868. Kappa overridden to 2.894.

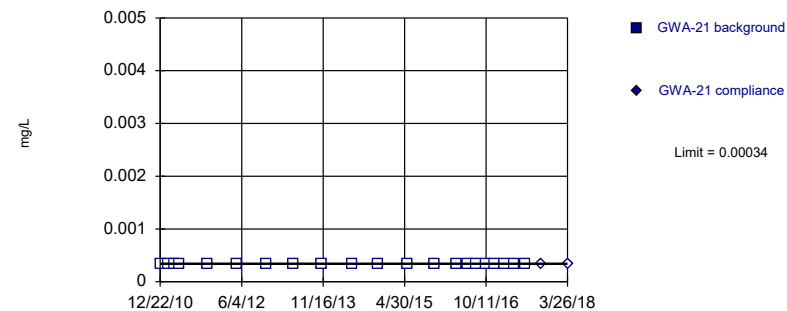
Constituent: Barium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

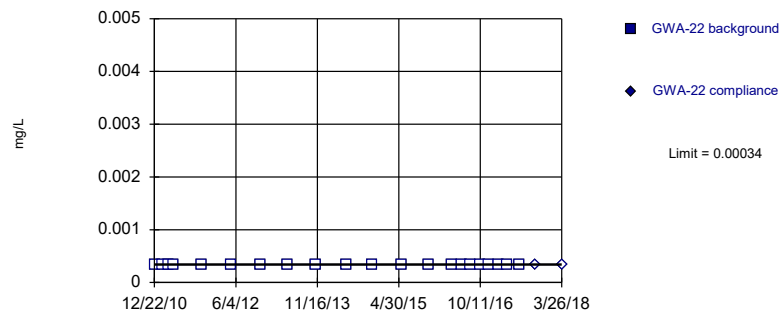
Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

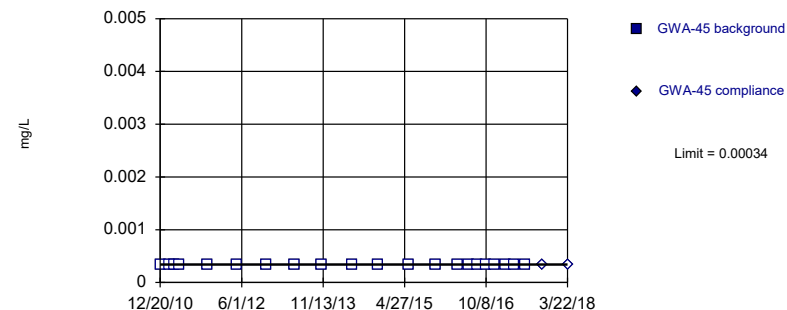
Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

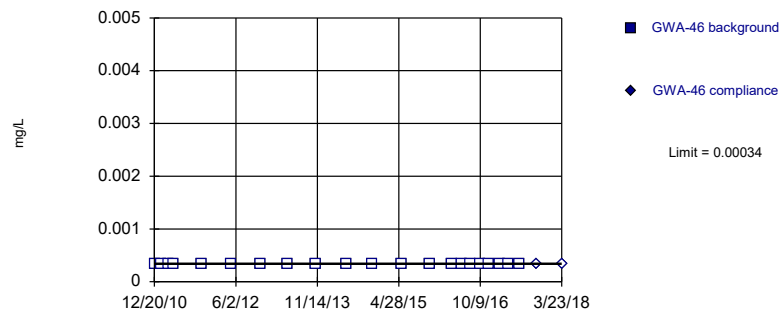


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

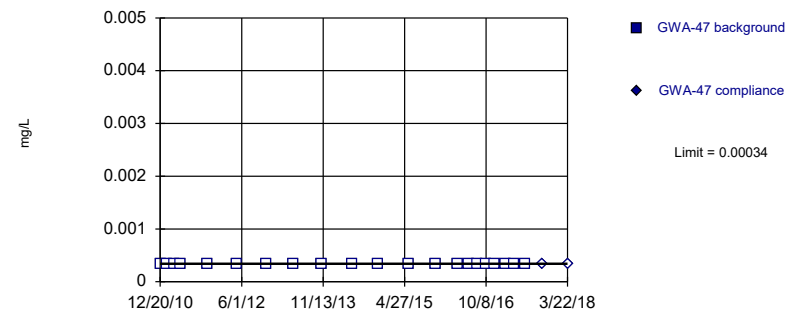


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

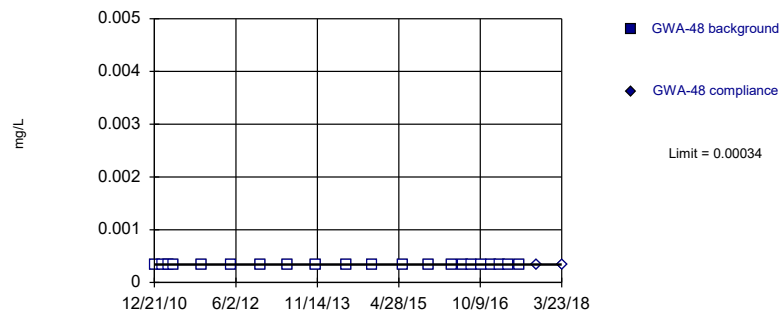


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

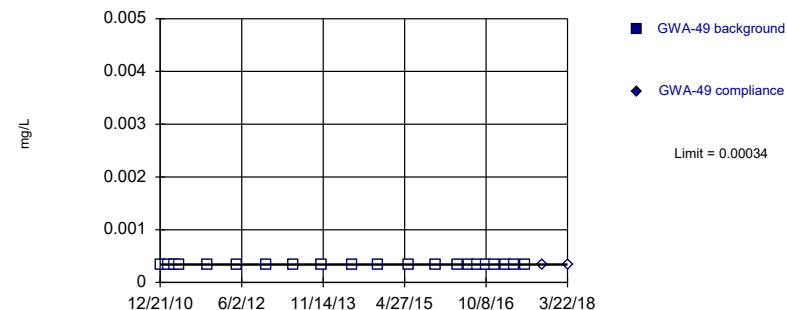


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

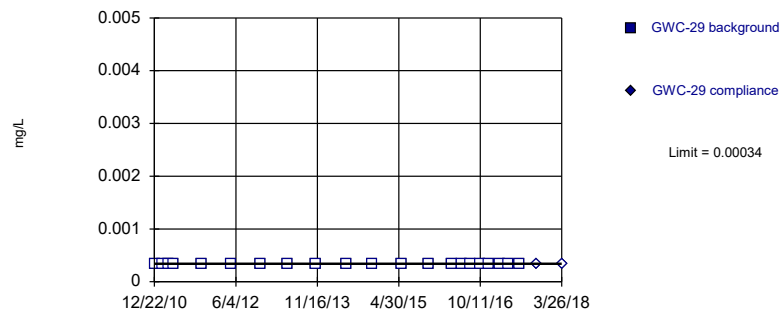


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

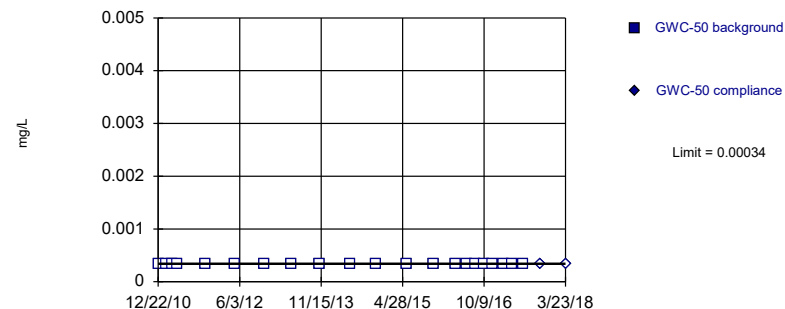


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

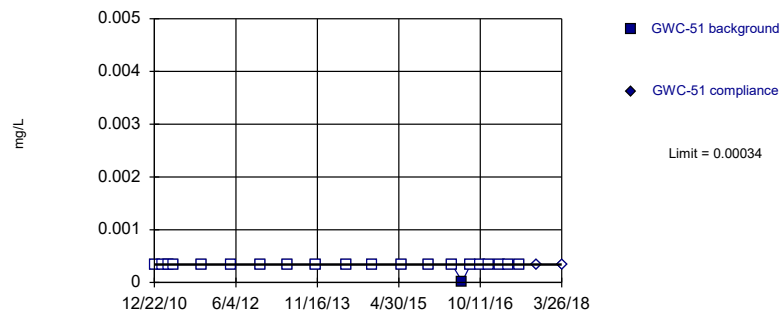


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

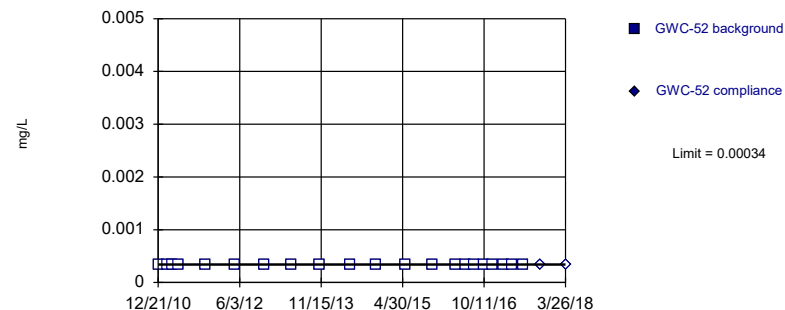


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

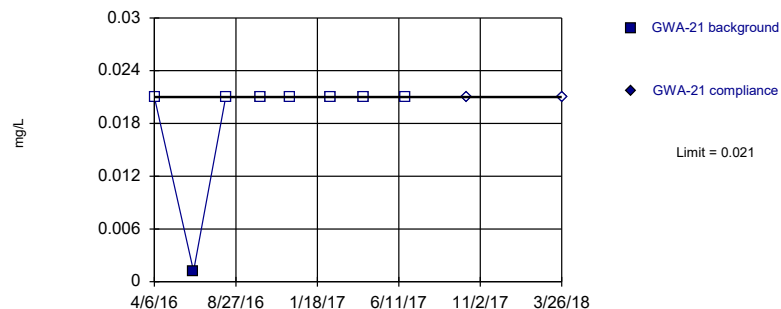


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

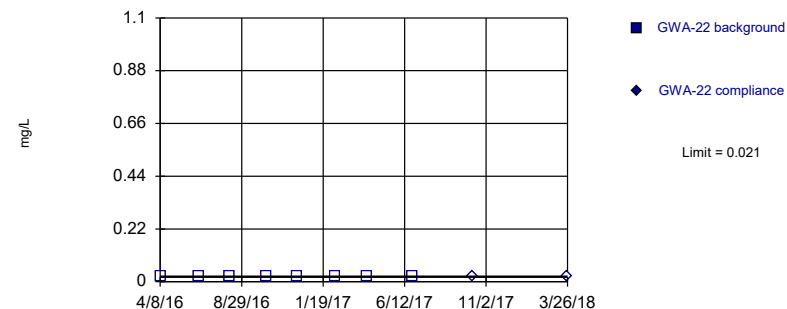


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

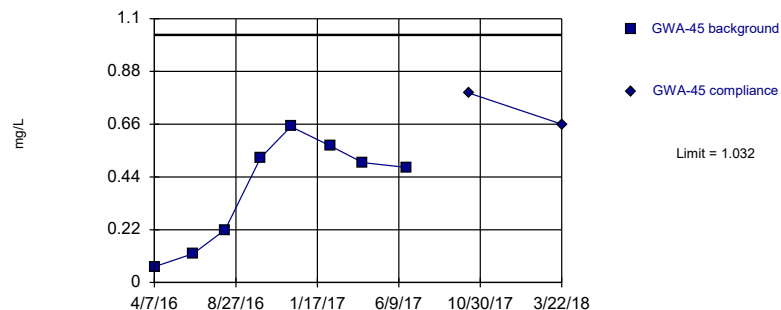


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

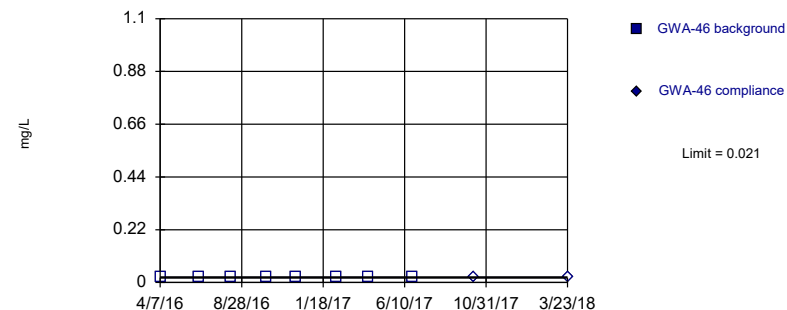


Background Data Summary: Mean=0.3907, Std. Dev.=0.2217, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

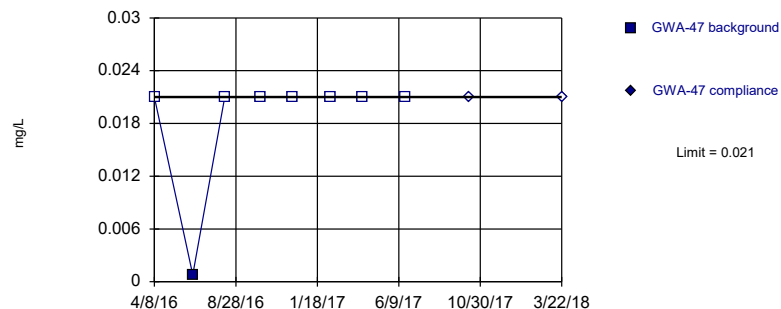


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

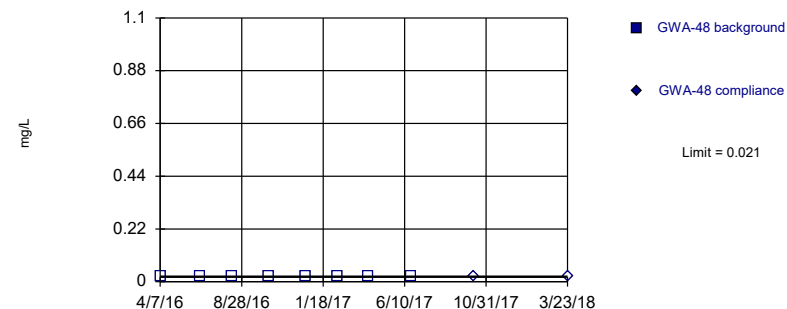


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

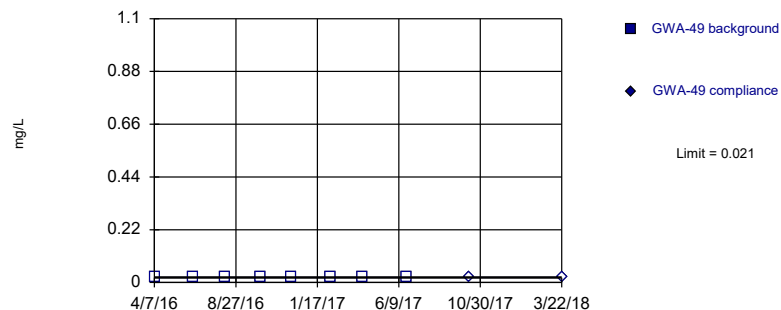


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

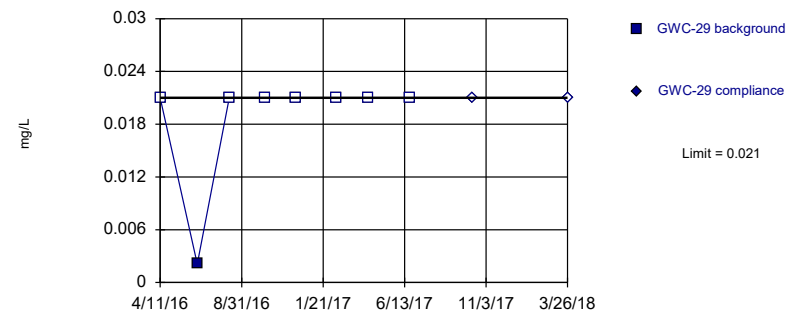


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

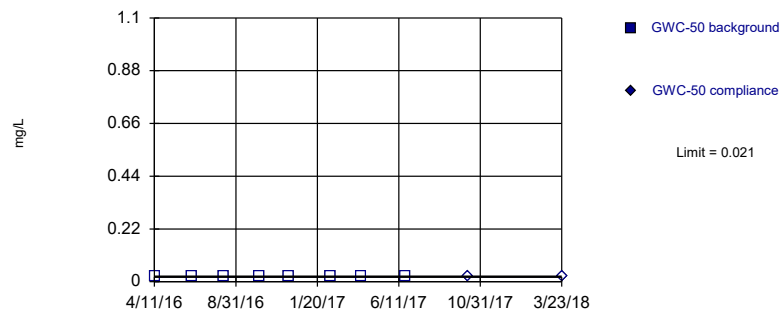


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

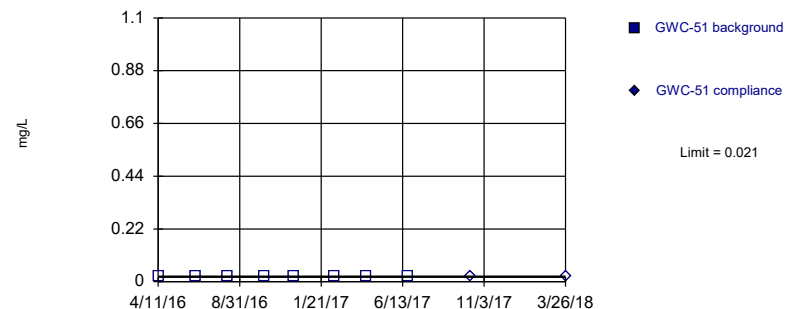


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

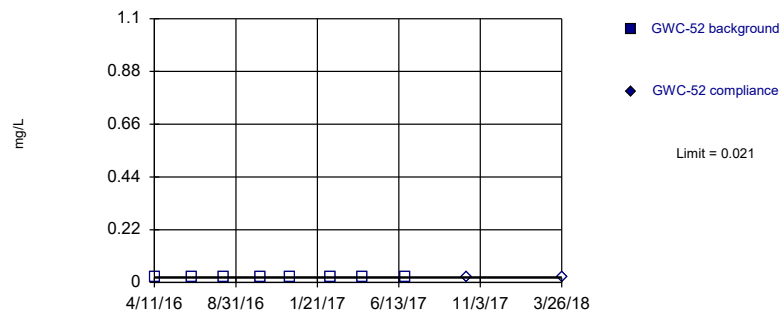


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

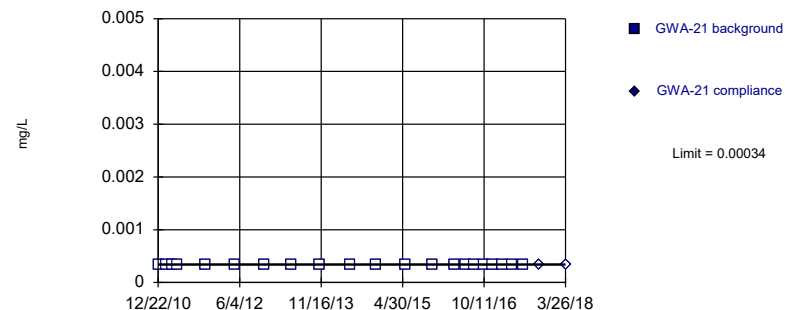


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

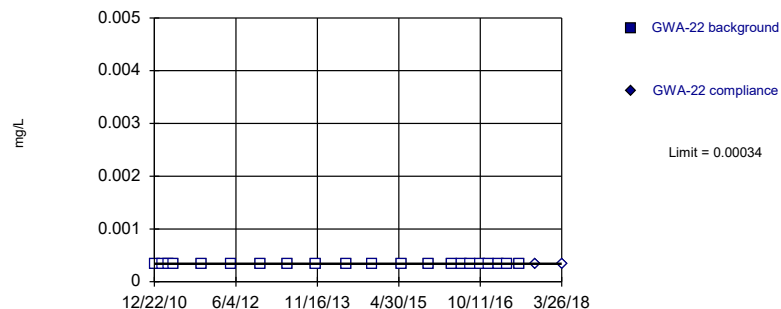


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

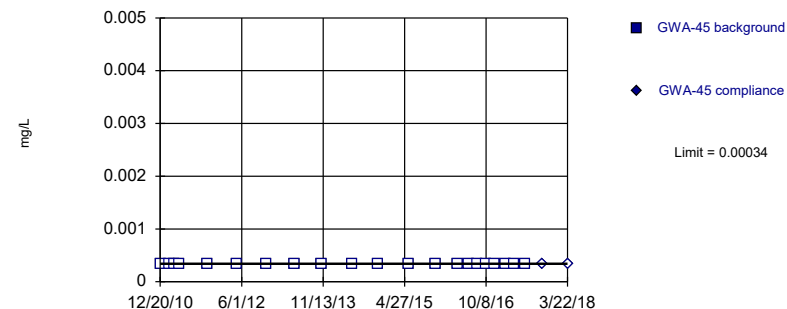


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

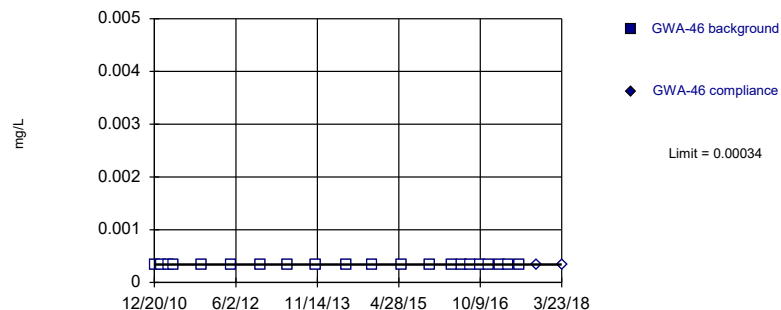


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

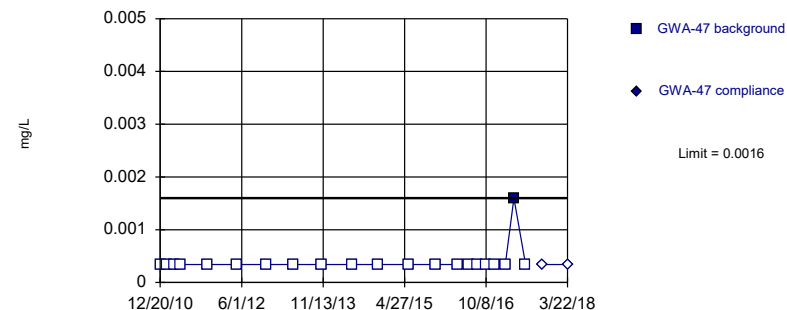


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

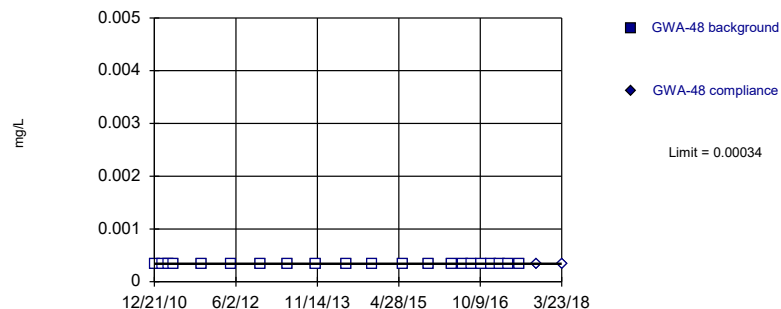


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

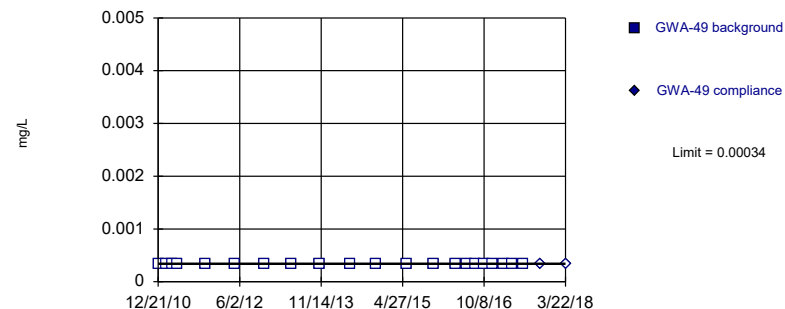


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

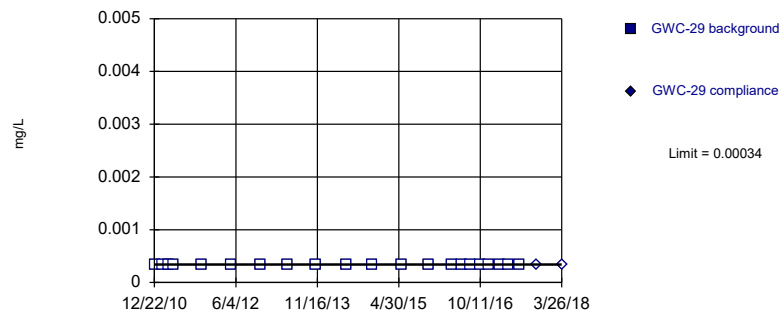


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

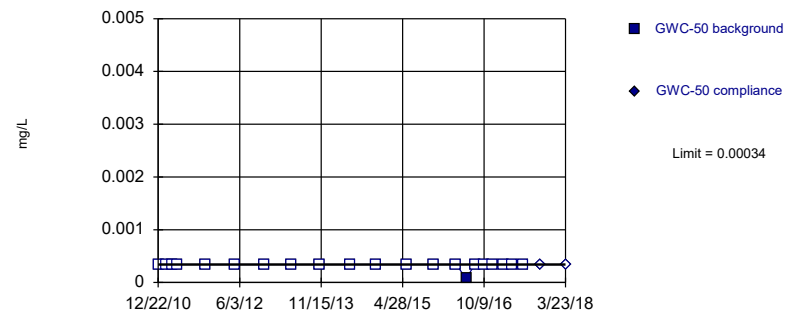


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

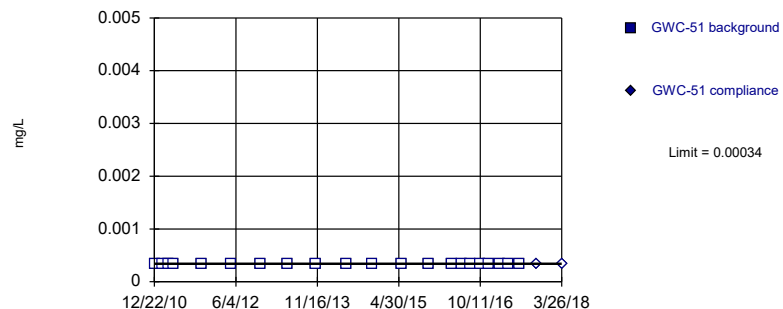


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

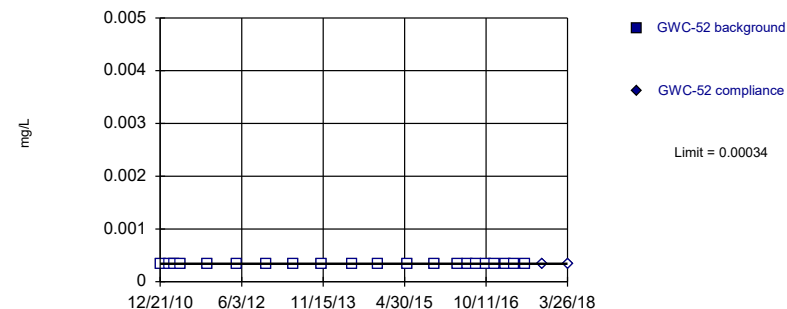


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

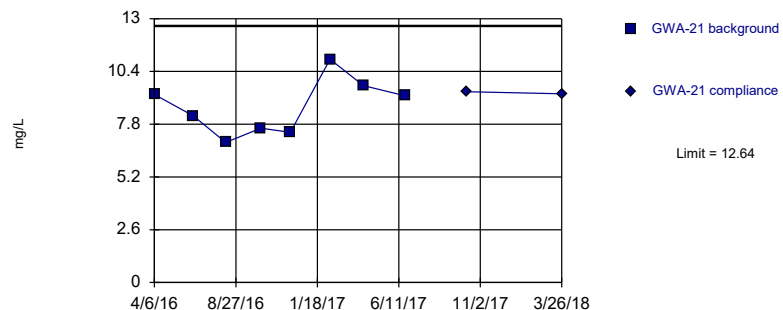


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

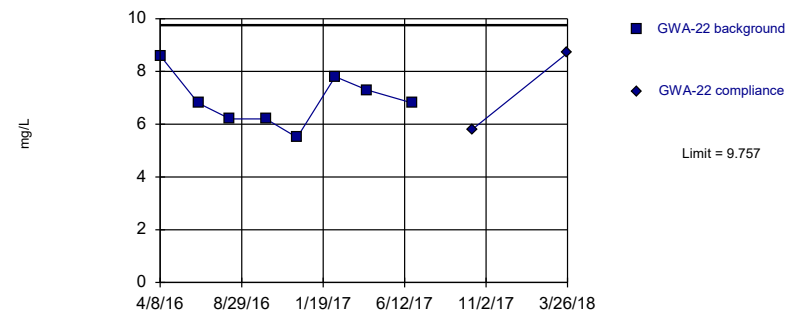


Background Data Summary: Mean=8.659, Std. Dev.=1.375, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



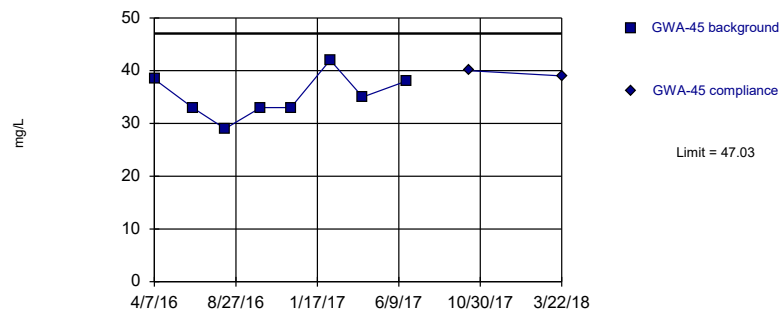
Background Data Summary: Mean=6.9, Std. Dev.=0.9871, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



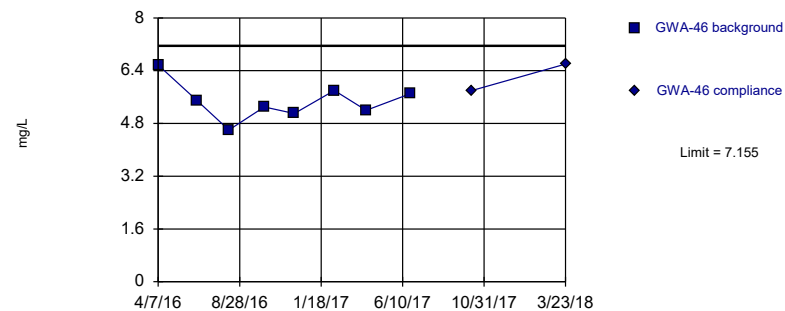
Background Data Summary: Mean=35.16, Std. Dev.=4.102, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



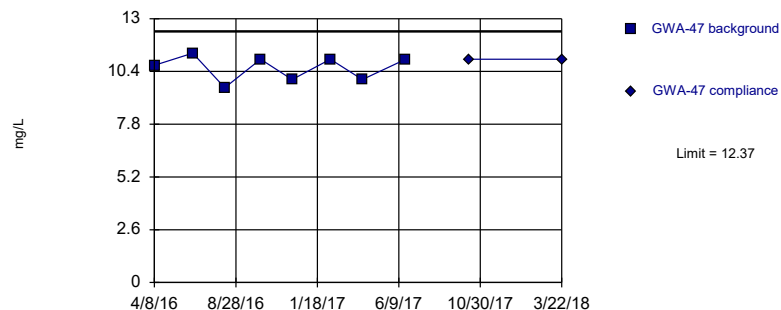
Background Data Summary: Mean=5.471, Std. Dev.=0.5817, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



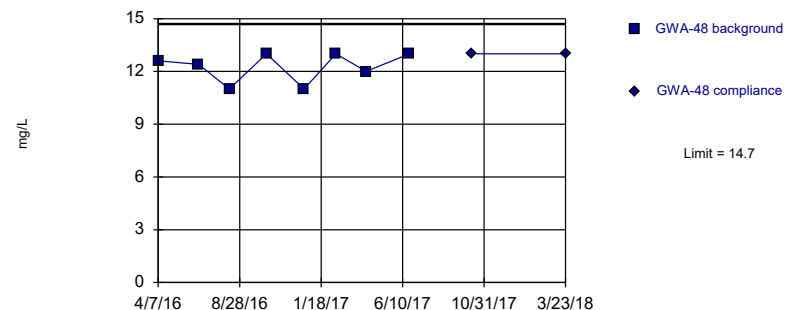
Background Data Summary: Mean=10.58, Std. Dev.=0.6205, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8759, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric

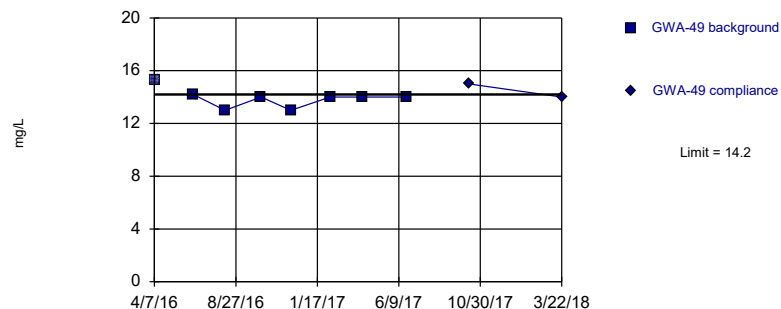


Background Data Summary: Mean=12.25, Std. Dev.=0.8468, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8199, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

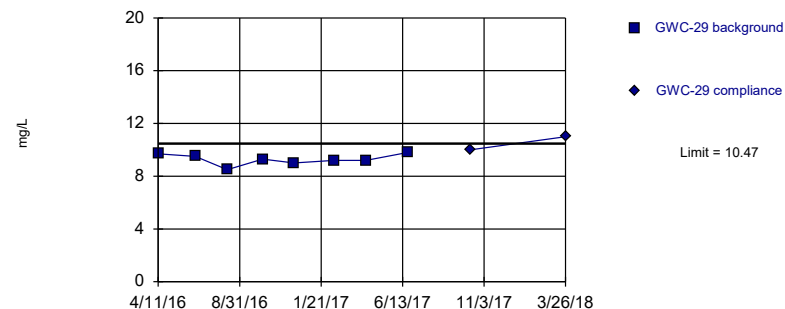


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 7 background values. Well-constituent pair annual alpha = 0.05455. Individual comparison alpha = 0.02765 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

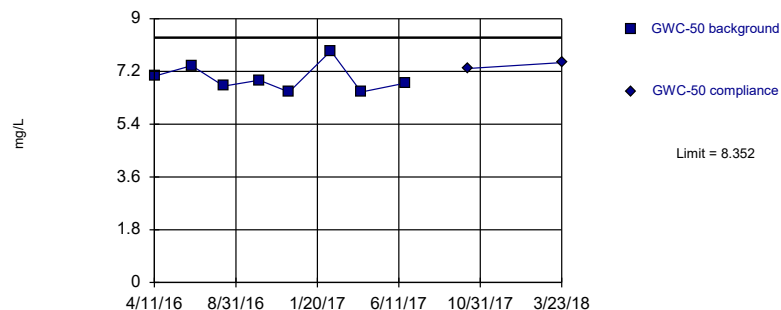


Background Data Summary: Mean=9.275, Std. Dev.=0.4132, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

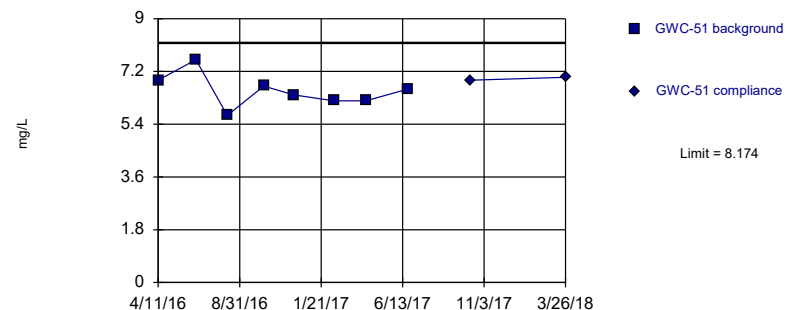


Background Data Summary: Mean=6.968, Std. Dev.=0.4786, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

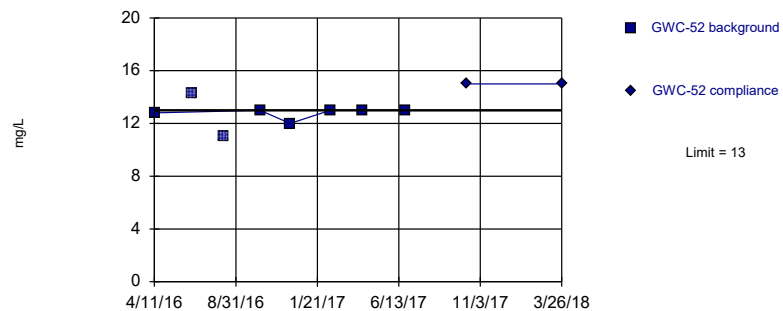


Background Data Summary: Mean=6.538, Std. Dev.=0.5655, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

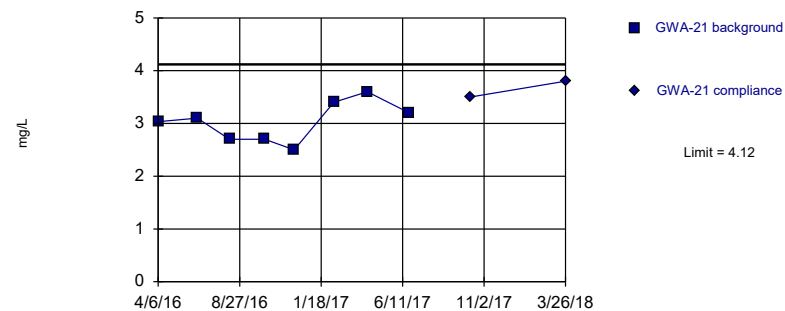


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

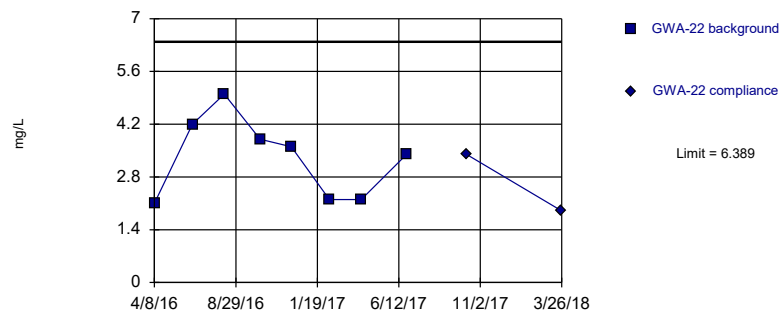


Background Data Summary: Mean=3.029, Std. Dev.=0.3769, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

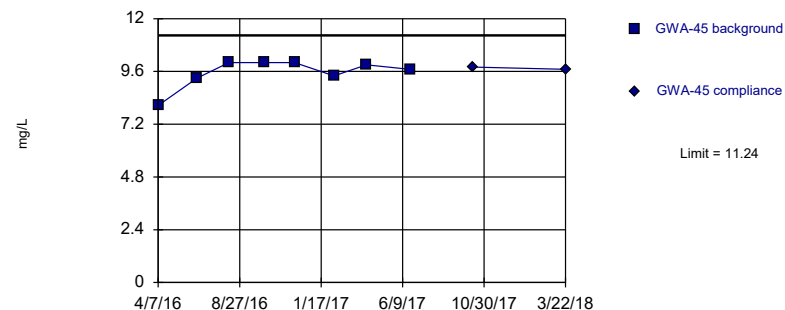


Background Data Summary: Mean=3.313, Std. Dev.=1.063, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



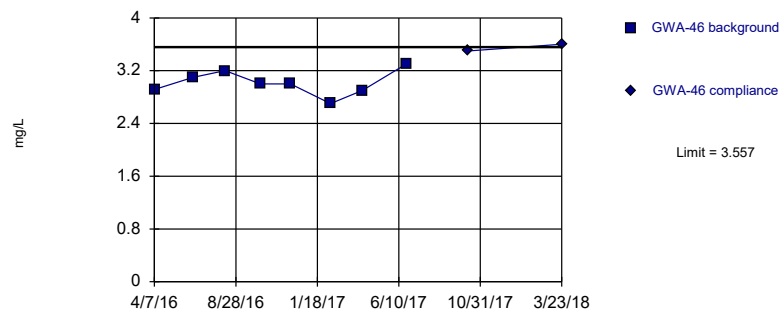
Background Data Summary (based on square transformation): Mean=91.47, Std. Dev.=12.03, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7639, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



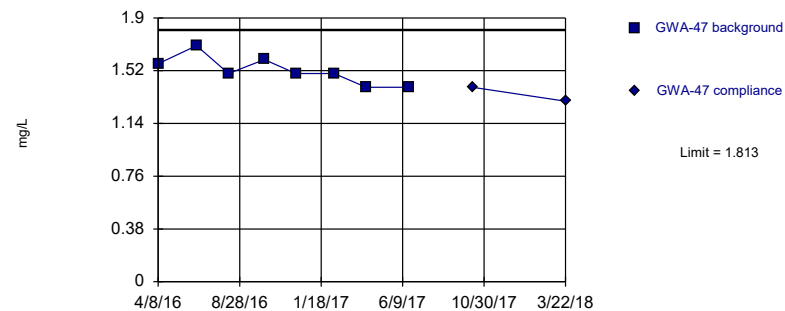
Background Data Summary: Mean=3.014, Std. Dev.=0.1874, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



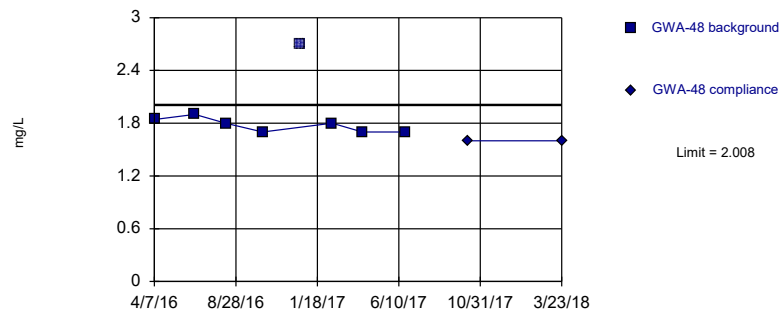
Background Data Summary: Mean=1.521, Std. Dev.=0.1009, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9268, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



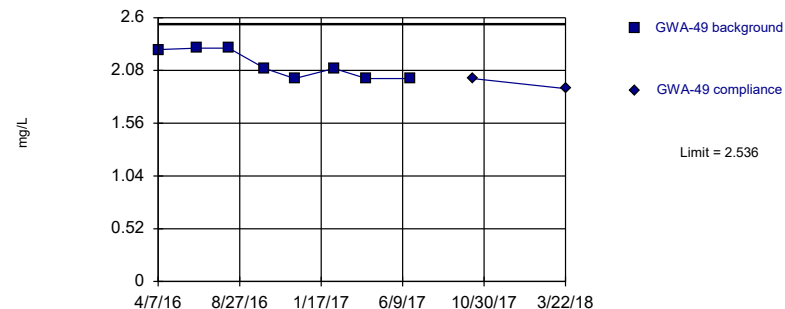
Background Data Summary: Mean=1.777, Std. Dev.=0.07979, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8644, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



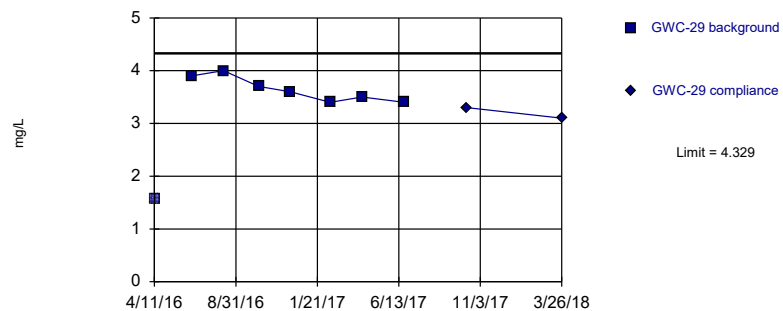
Background Data Summary: Mean=2.136, Std. Dev.=0.1384, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7934, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



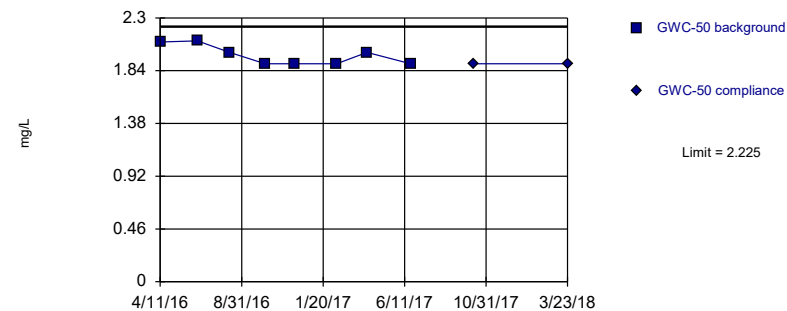
Background Data Summary: Mean=3.643, Std. Dev.=0.237, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9089, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



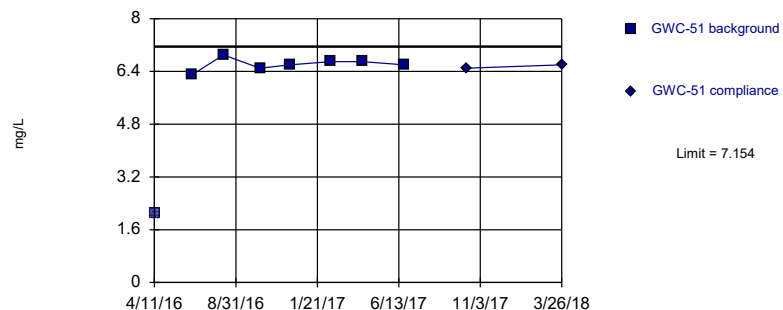
Background Data Summary: Mean=1.974, Std. Dev.=0.08667, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7929, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



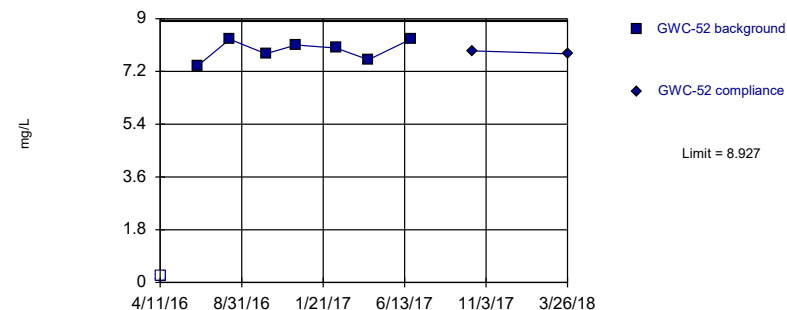
Background Data Summary: Mean=6.614, Std. Dev.=0.1864, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.929, Std. Dev.=0.345, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.73. Kappa overridden to 2.894.

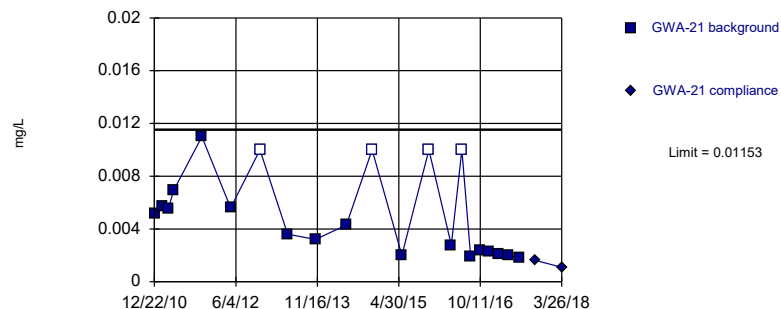
Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric

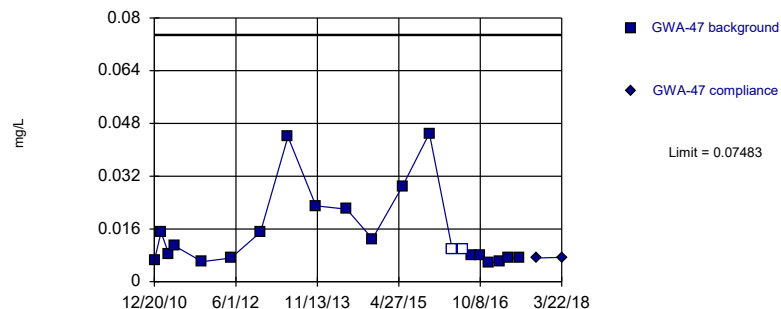


Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.45, Std. Dev.=0.6417, n=21, 9.524%
NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.873. Kappa overridden to 2.894.

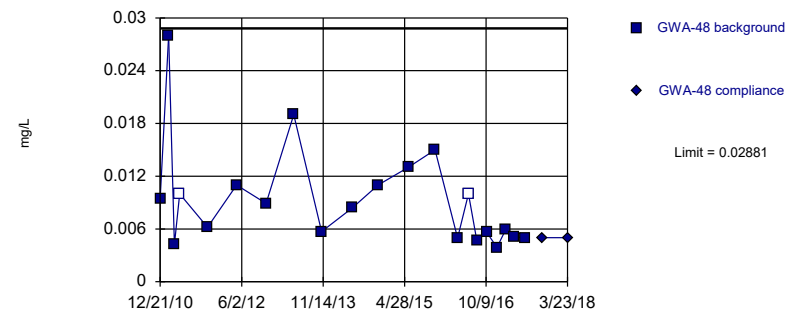
Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.0928, Std. Dev.=0.02659, n=21, 9.524%
NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8852, critical = 0.873. Kappa overridden to 2.894.

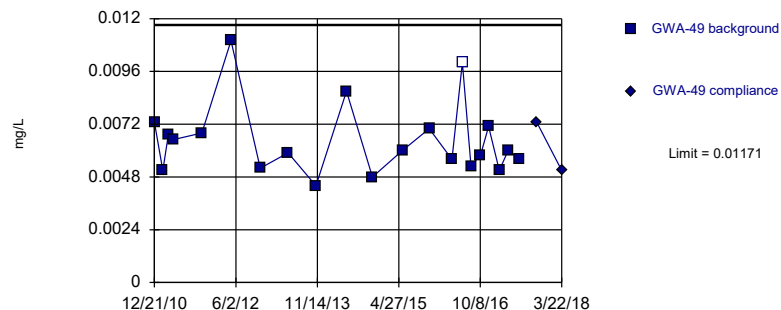
Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.07987, Std. Dev.=0.009799, n=21,
4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8998, critical = 0.873. Kappa overridden to 2.894.

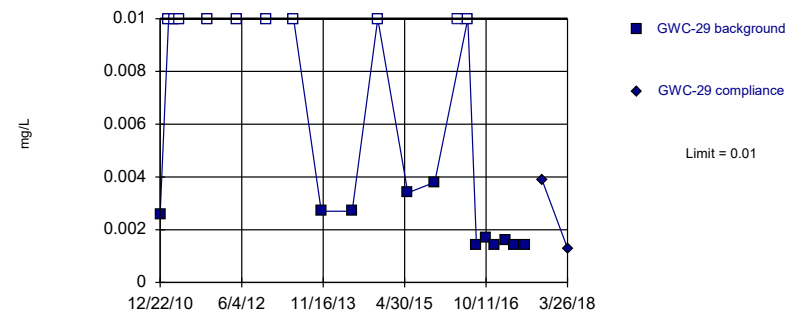
Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



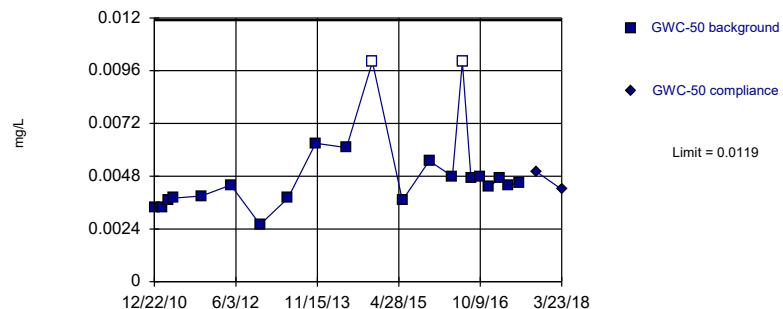
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



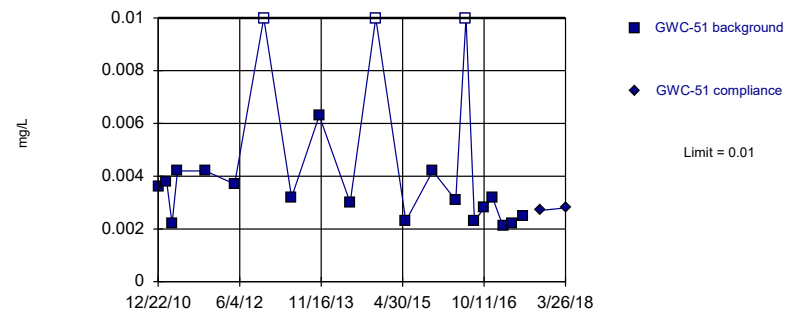
Background Data Summary (based on natural log transformation): Mean=-5.376, Std. Dev.=0.3265, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



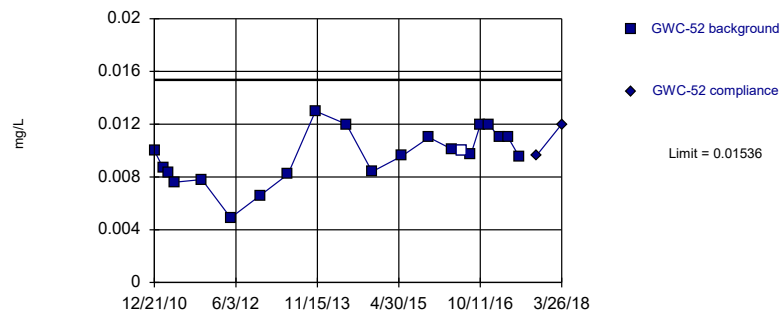
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 14.29% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



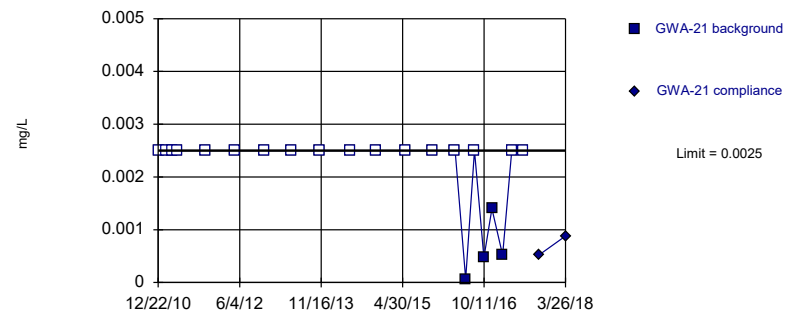
Background Data Summary: Mean=0.00959, Std. Dev.=0.001994, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9741, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

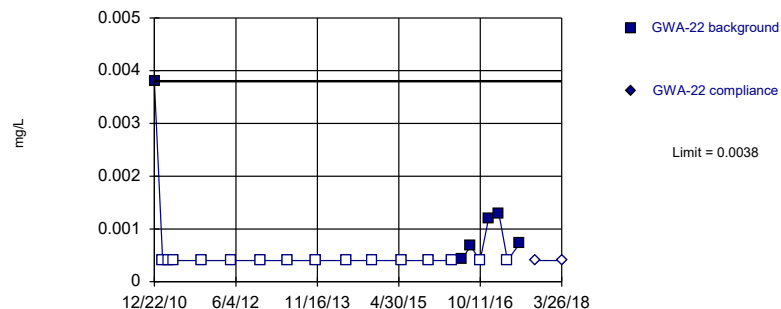


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

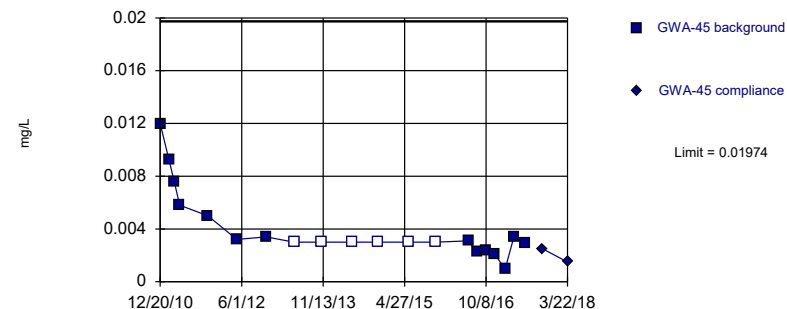


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

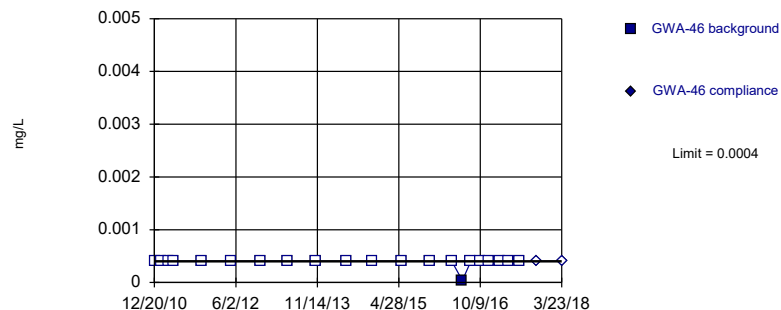


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.806, Std. Dev.=0.6499, n=20, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8881, critical = 0.868. Kappa overridden to 2.894.

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

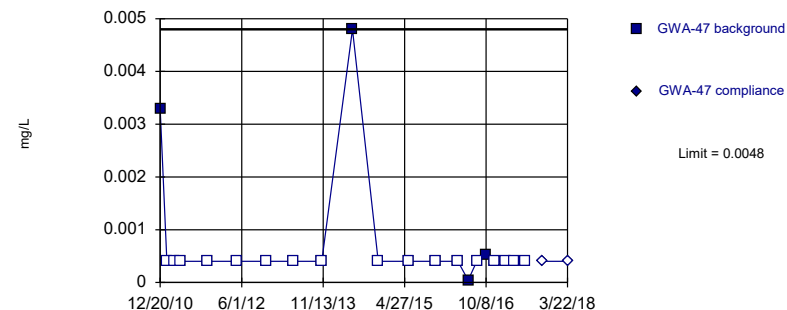


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

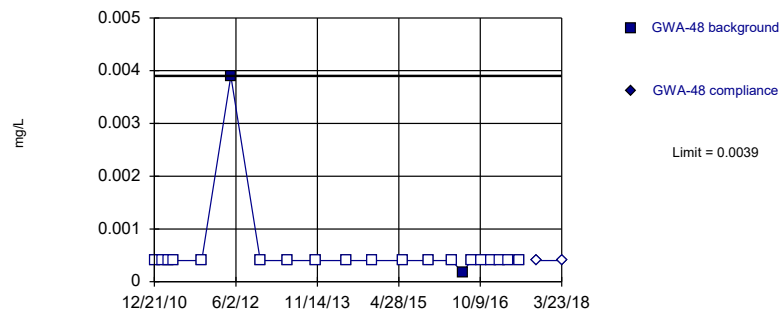


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

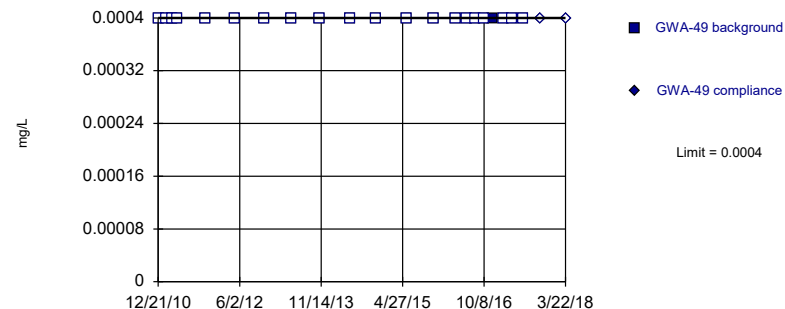


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

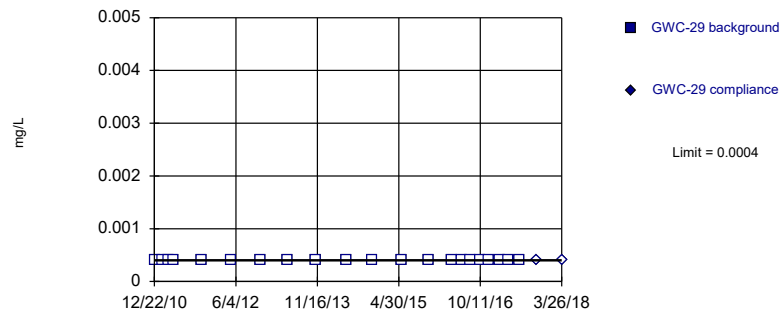


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

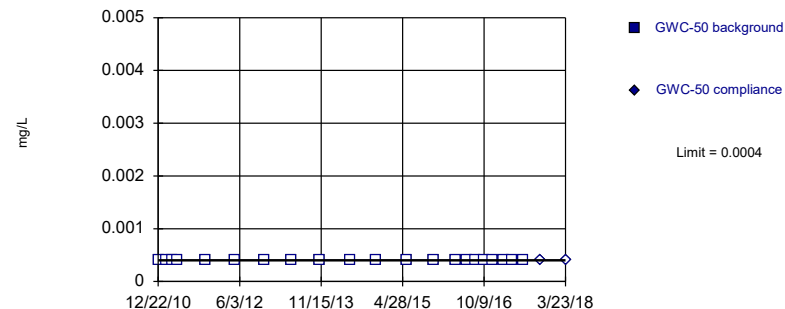


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

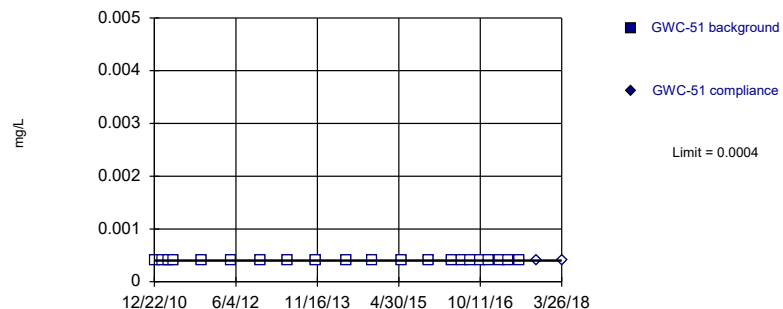


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

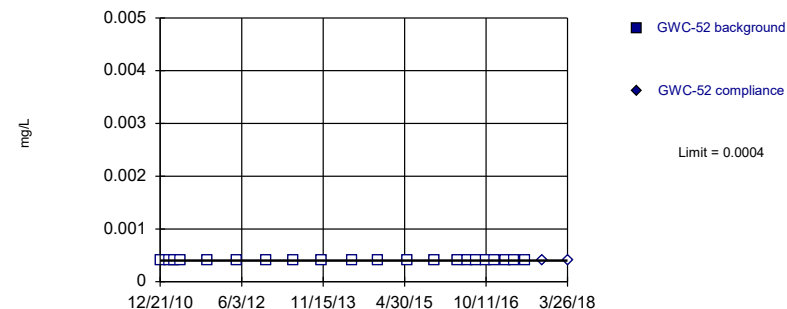


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

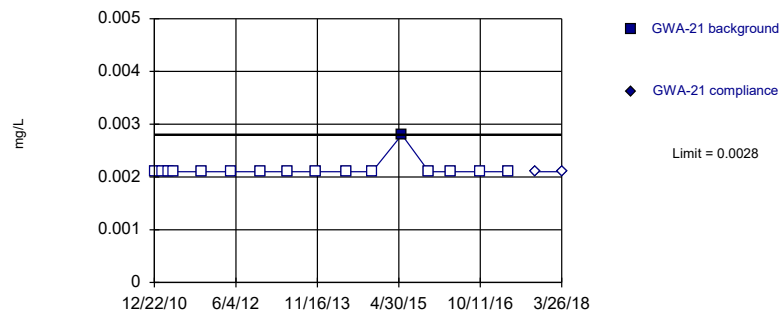


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

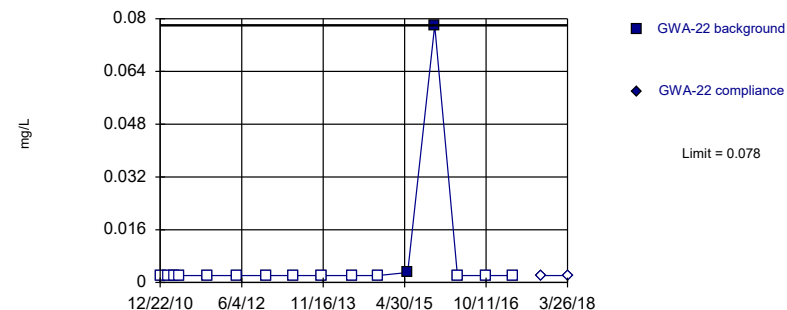


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

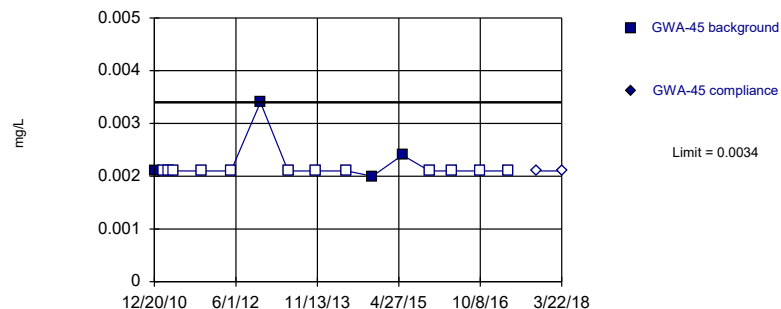


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

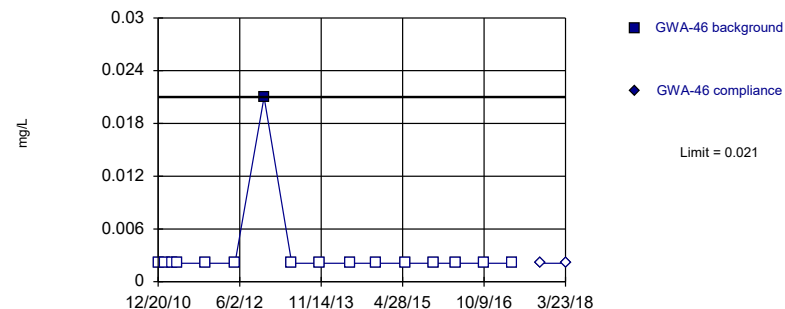


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

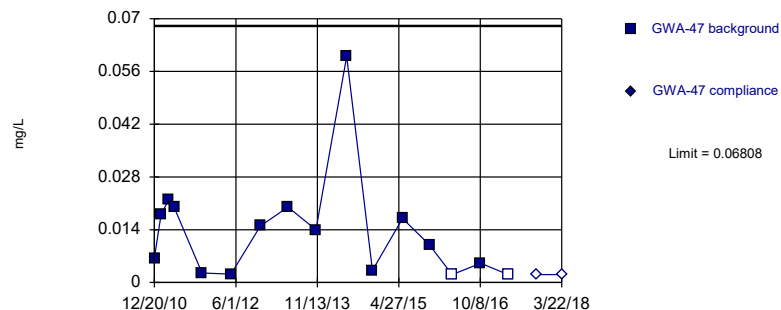


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

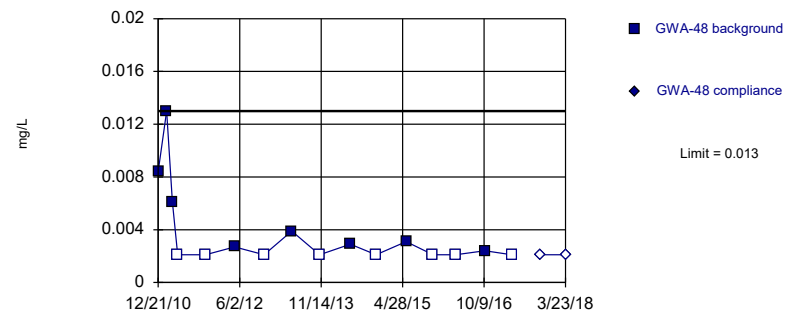


Background Data Summary (based on square root transformation): Mean=0.1049, Std. Dev.=0.05391, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8808, critical = 0.844. Kappa overridden to 2.894.

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

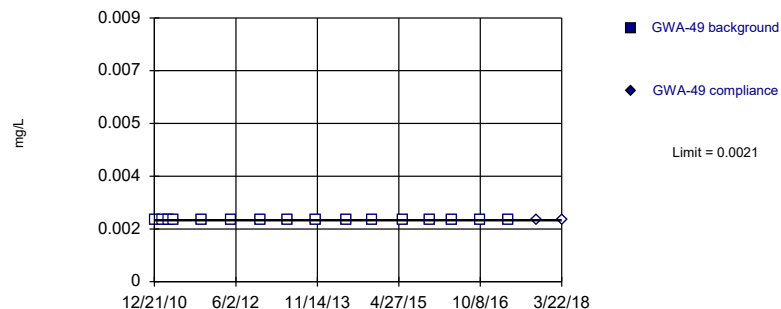


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

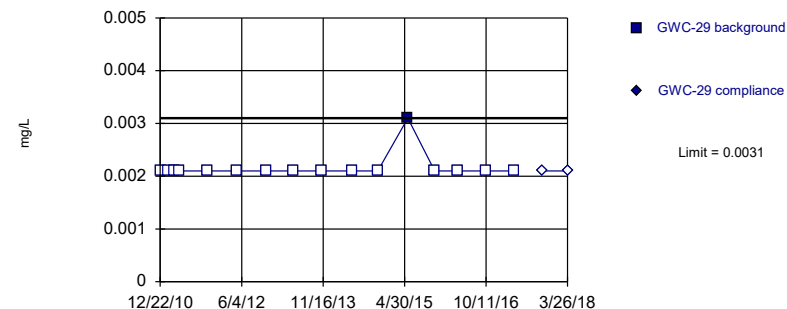


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

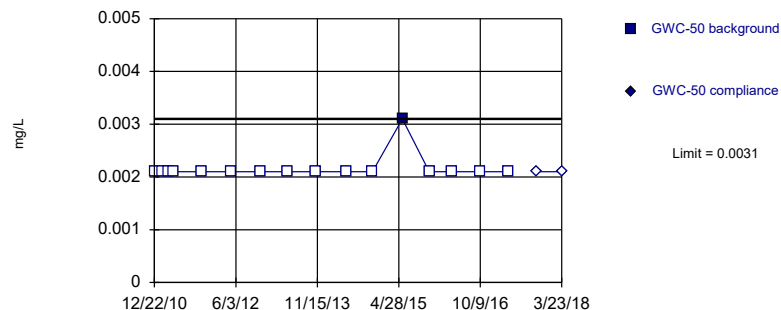


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

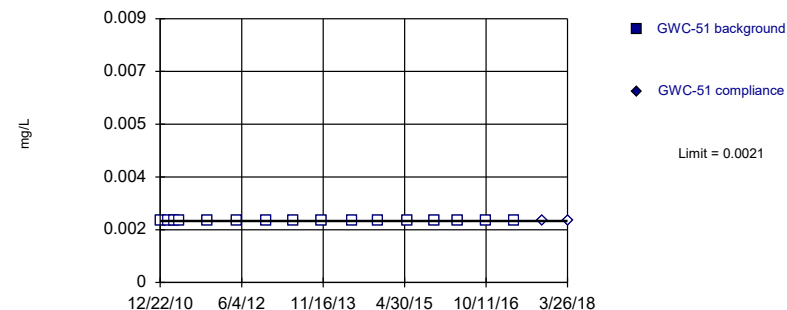


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

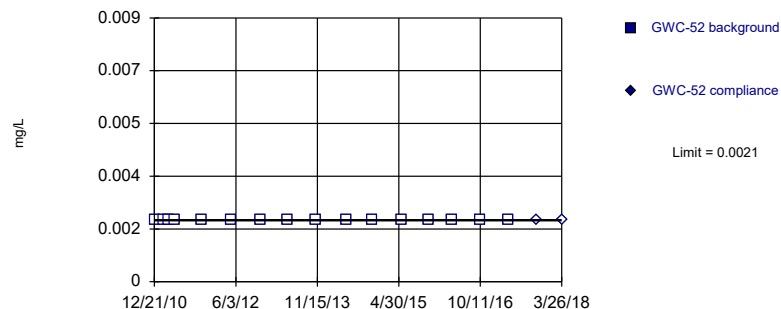


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

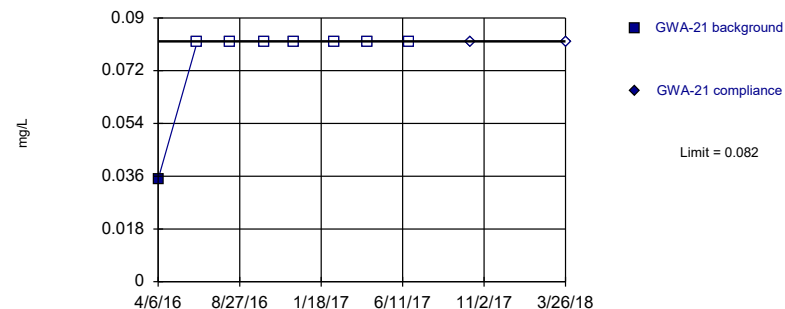


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

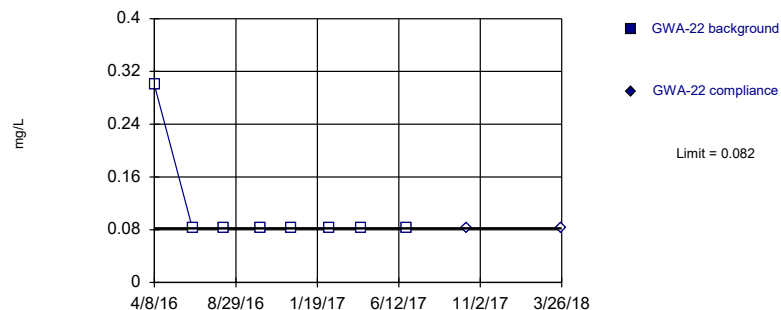


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

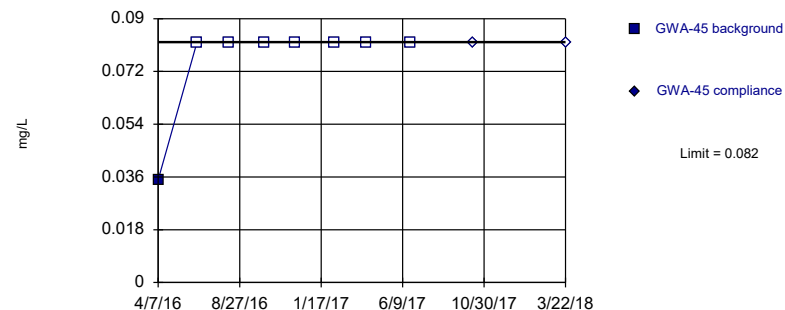


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

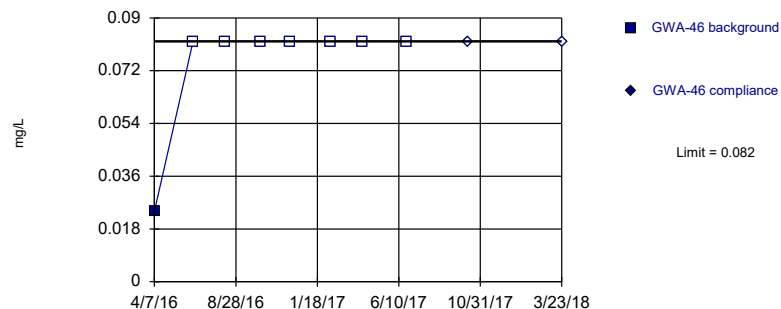


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

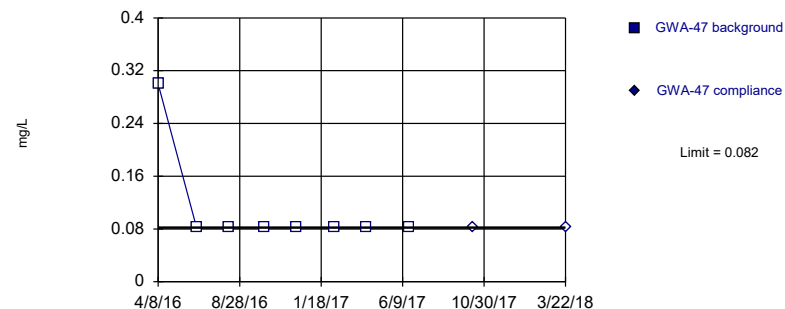


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

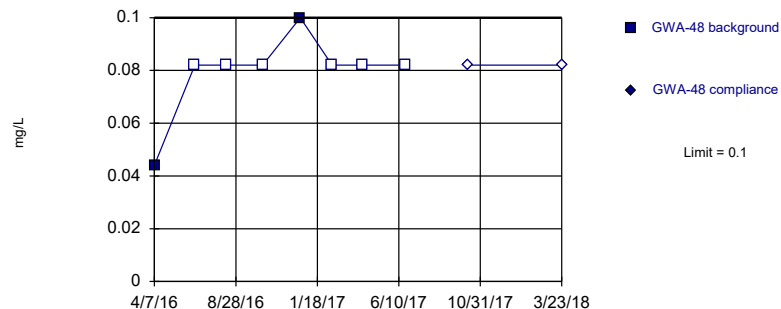


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

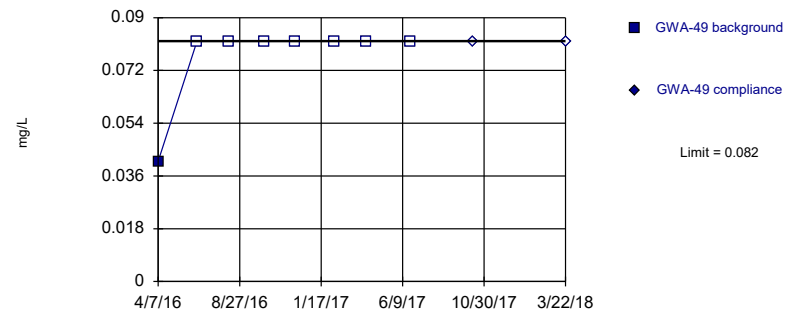


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

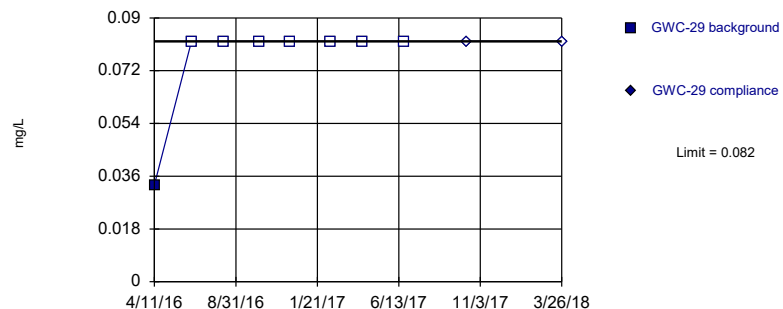


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

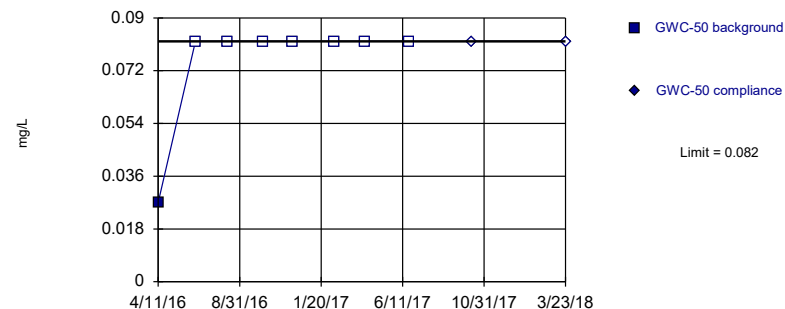


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

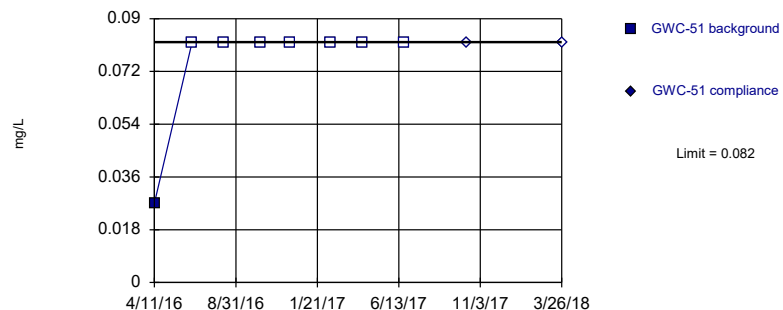


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

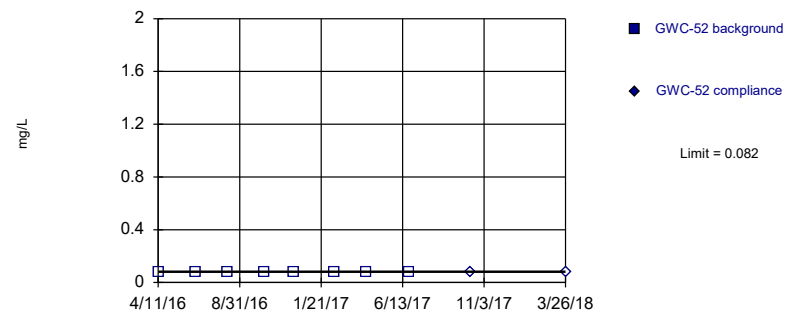


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

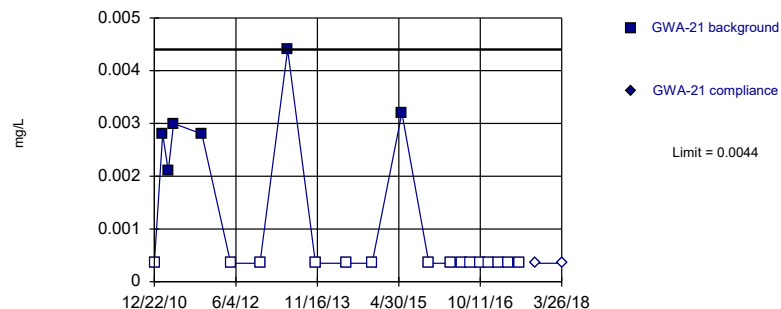


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

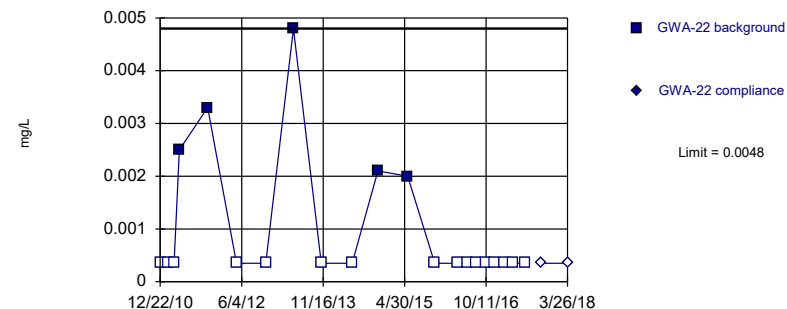


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

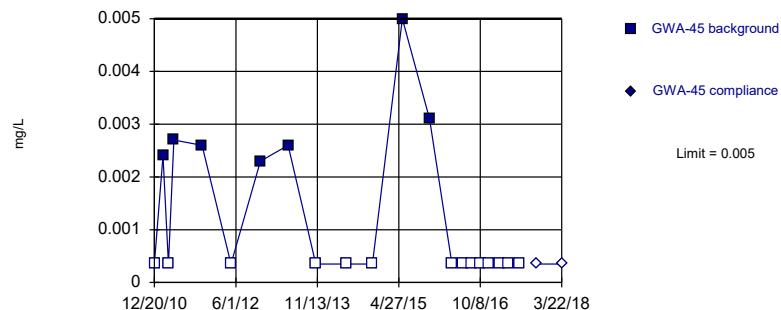


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

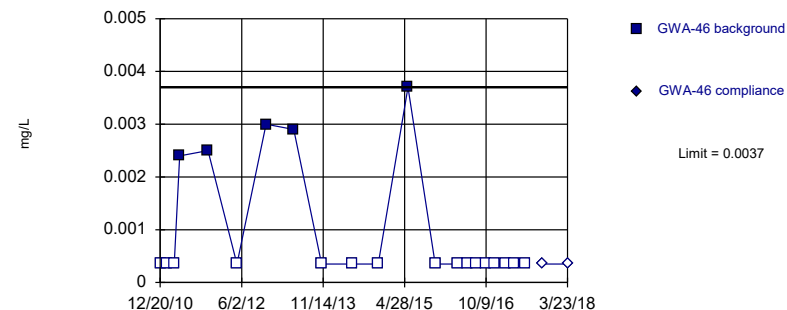


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

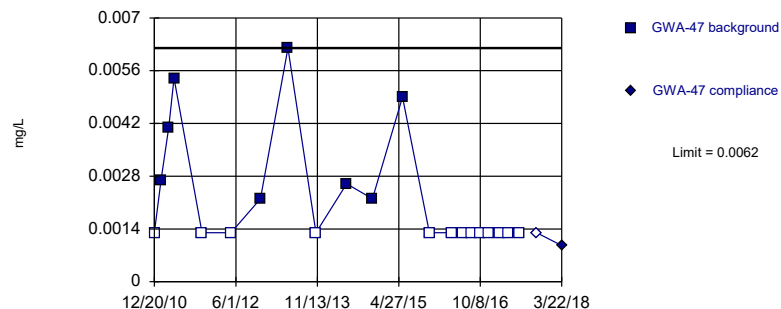


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

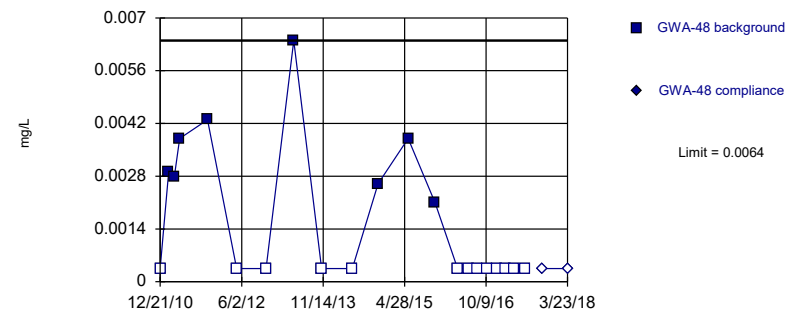


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

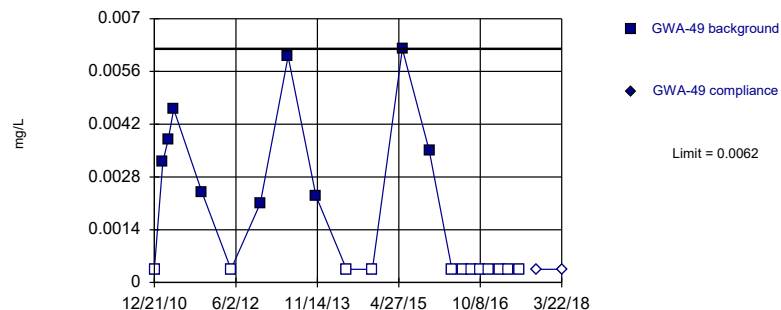


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

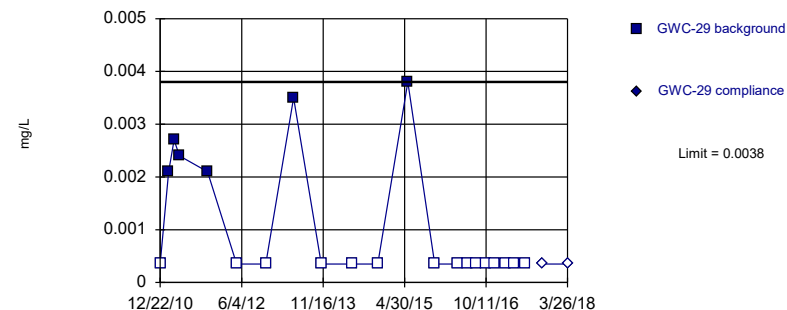


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

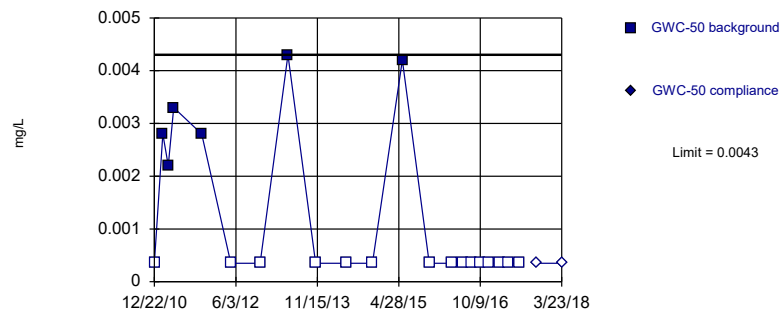


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

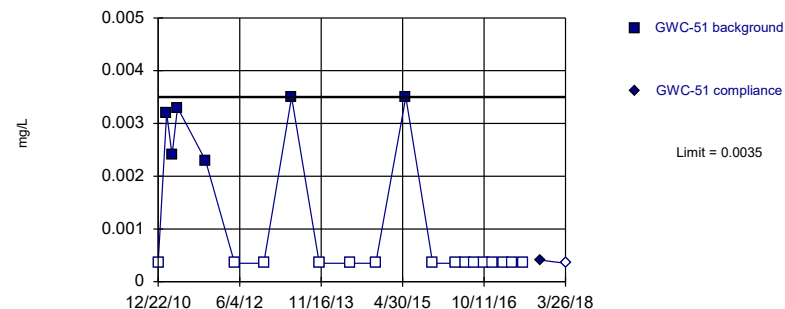


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

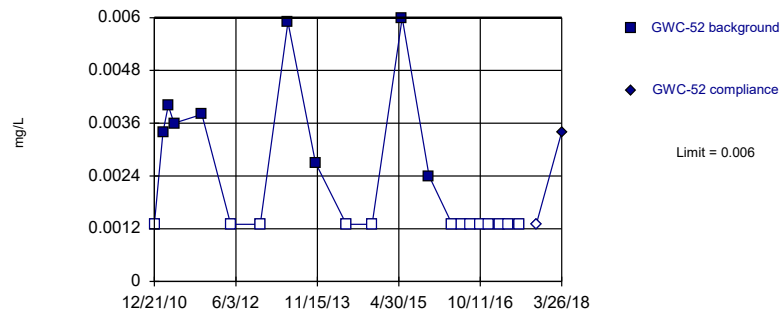


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

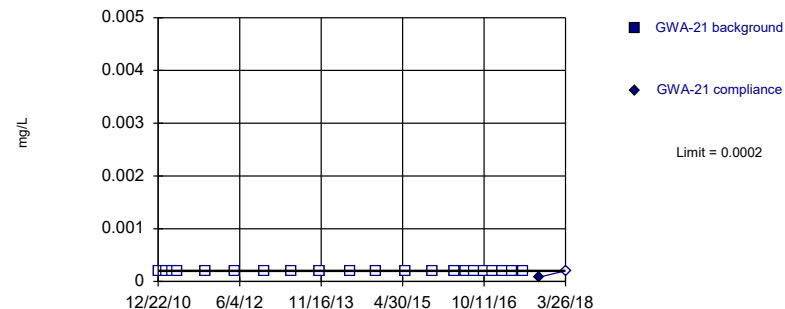


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

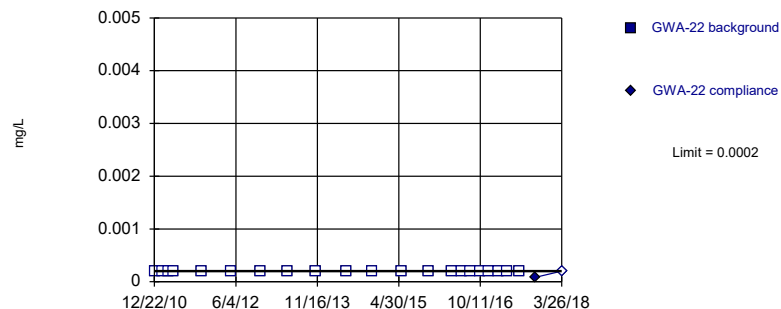


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

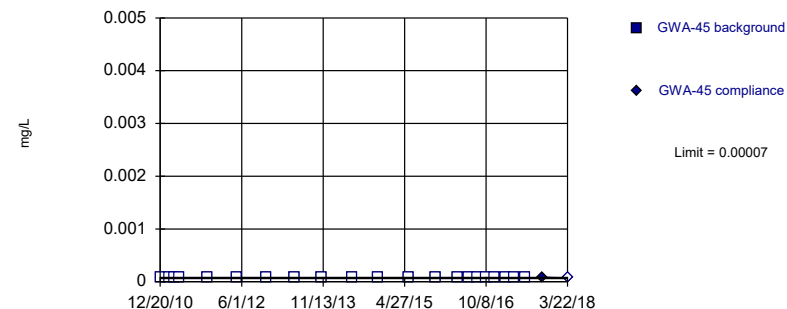


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

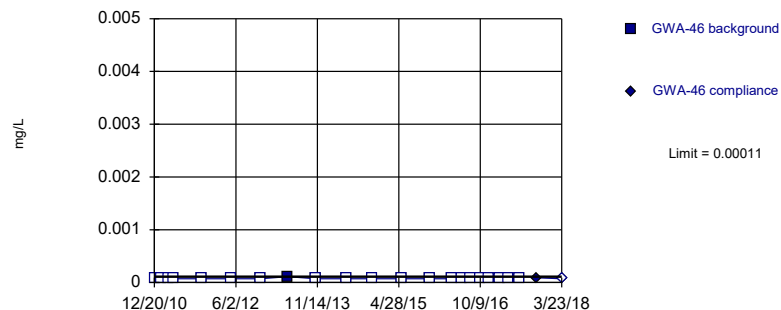


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

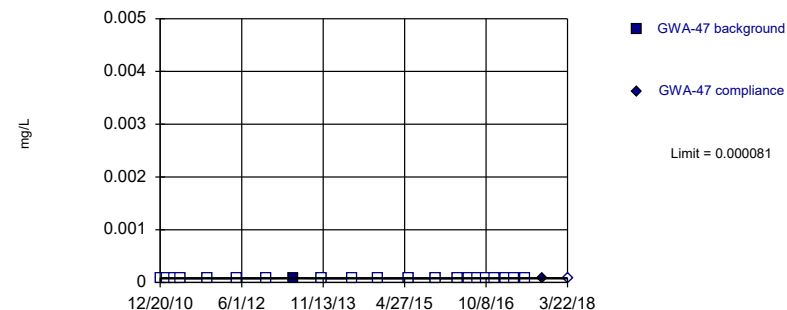


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

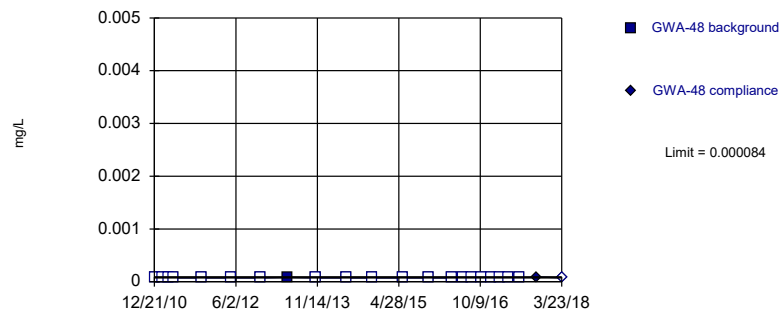


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

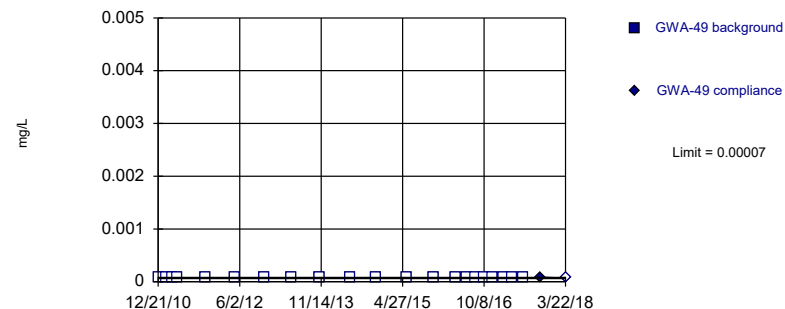


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

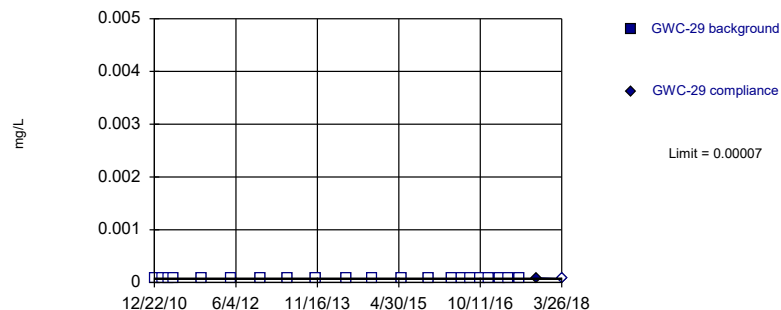


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

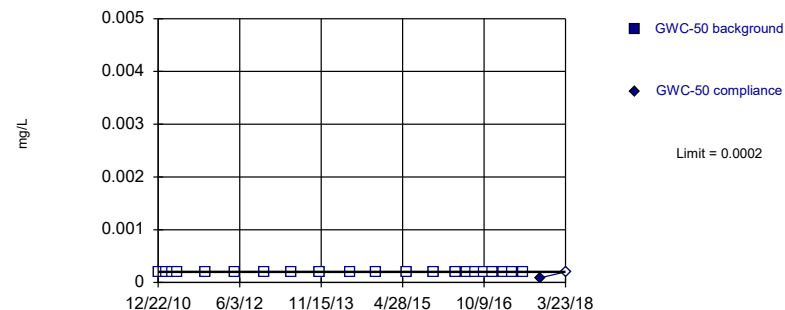


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

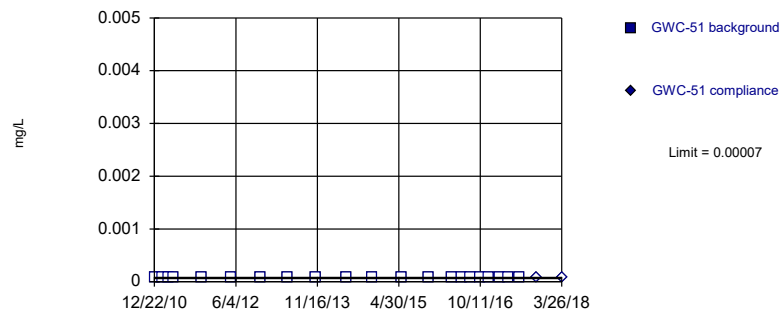


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

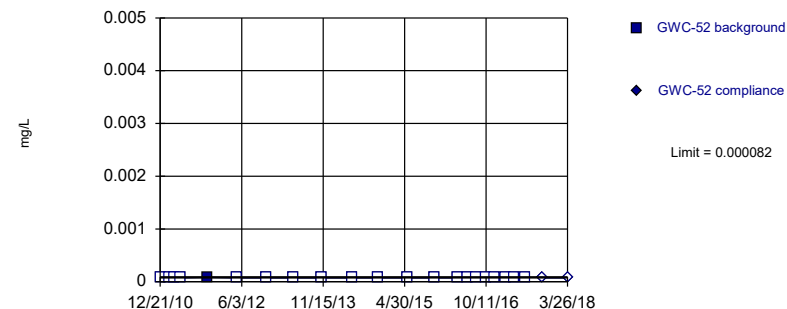


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

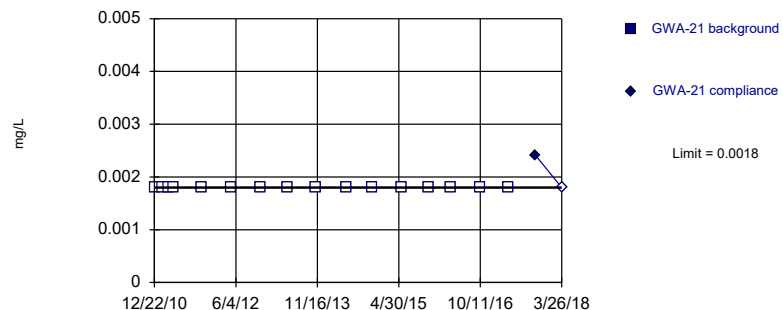


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

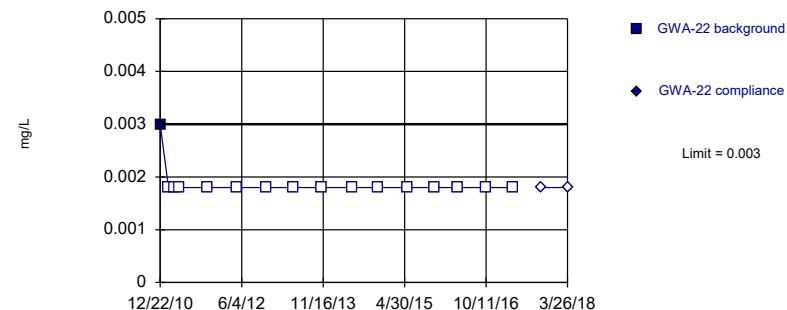


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

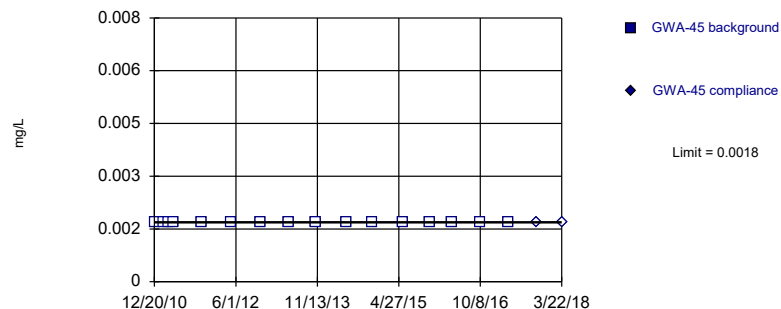


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

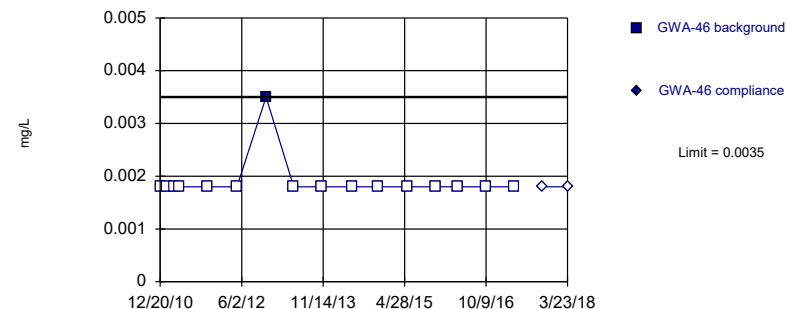


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

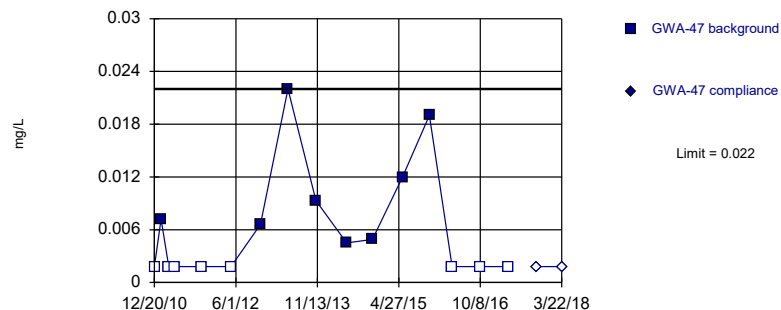


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

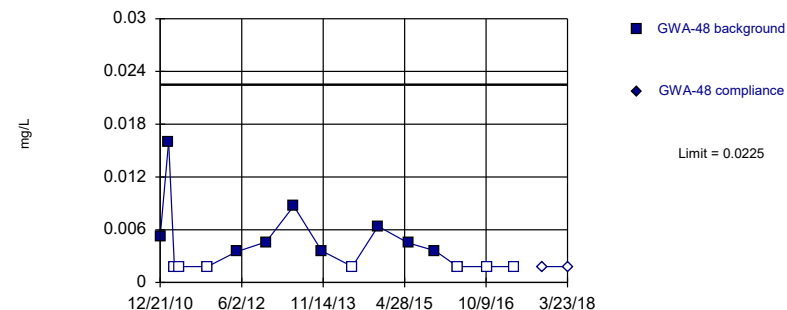


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

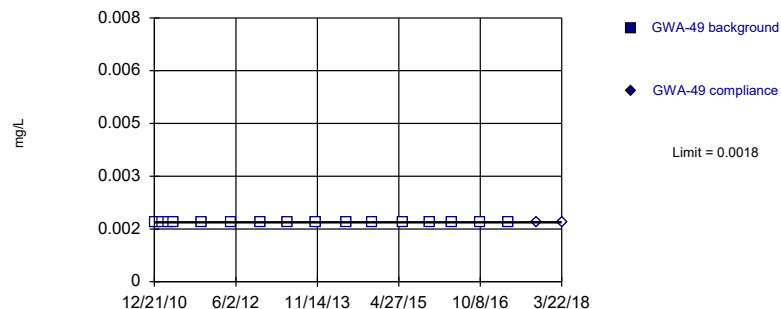


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.733, Std. Dev.=0.67, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8512, critical = 0.844. Kappa overridden to 2.894.

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

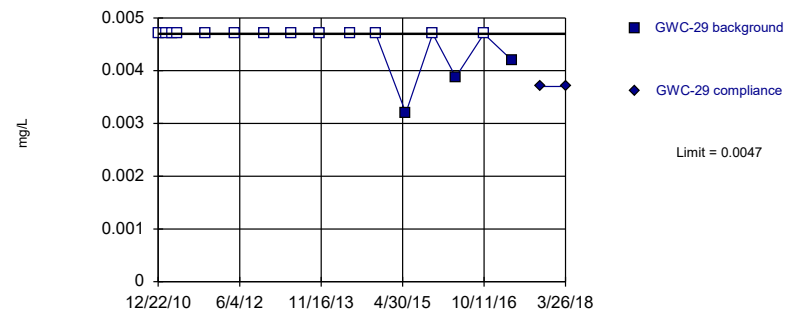


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

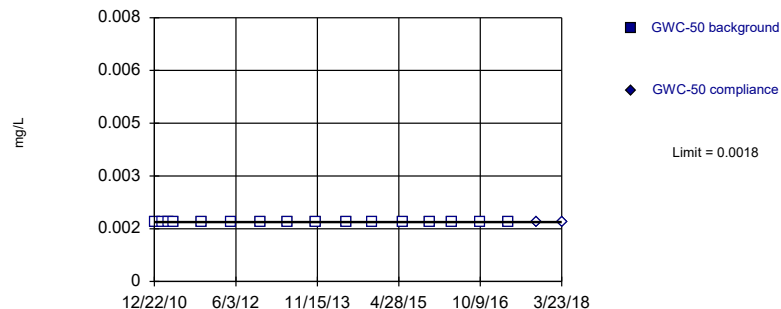


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

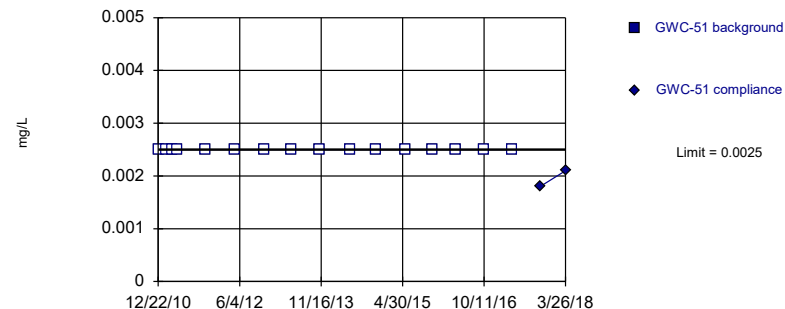


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

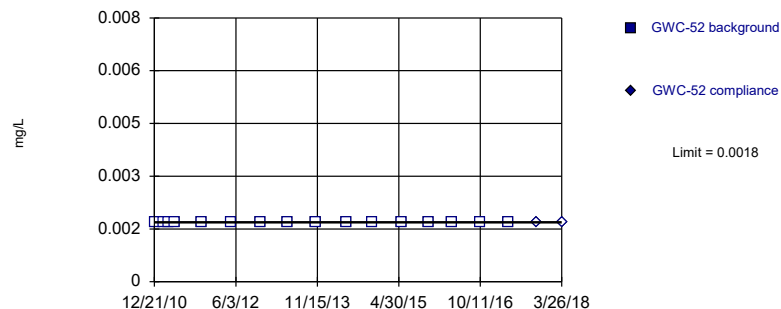


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

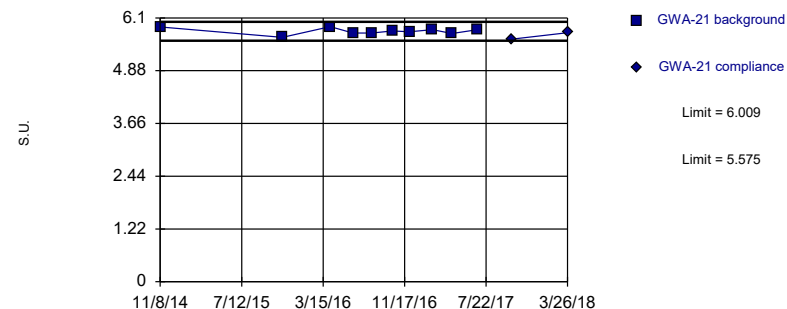


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit Intrawell Parametric

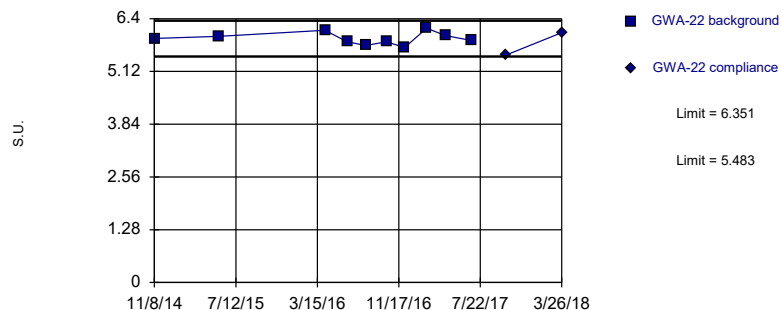


Background Data Summary: Mean=5.792, Std. Dev.=0.0751, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit Intrawell Parametric

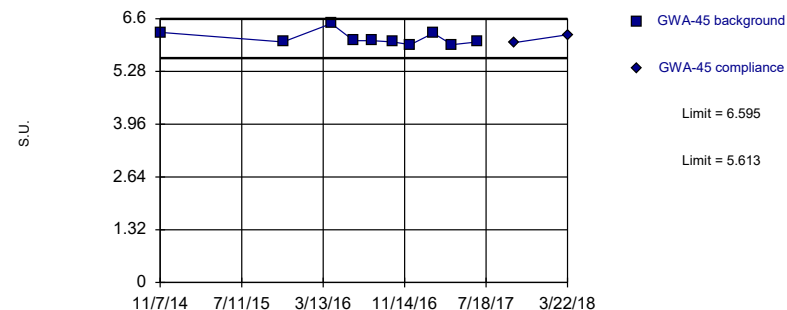


Background Data Summary: Mean=5.917, Std. Dev.=0.15, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit Intrawell Parametric

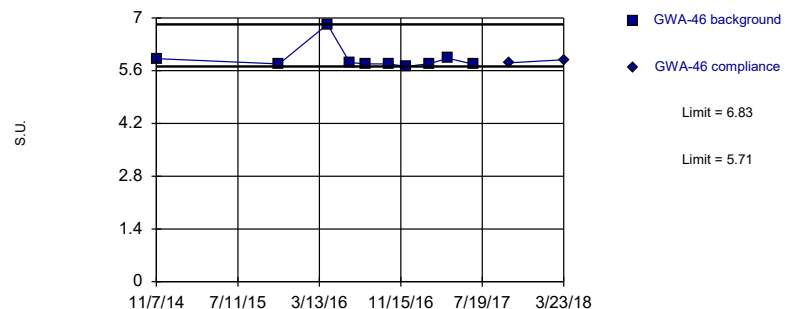


Background Data Summary: Mean=6.104, Std. Dev.=0.1695, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8116, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

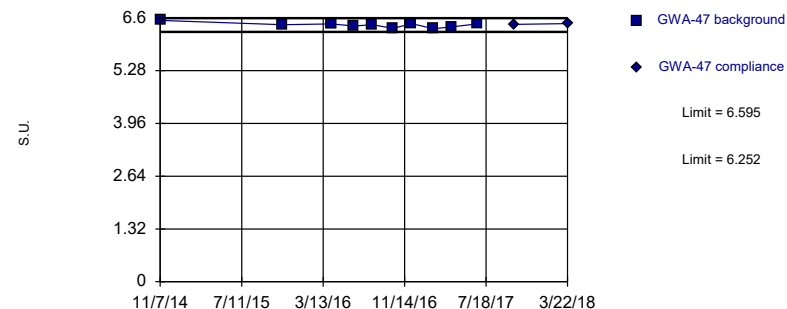


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 10 background values. Well-constituent pair annual alpha = 0.0586. Individual comparison alpha = 0.02952 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

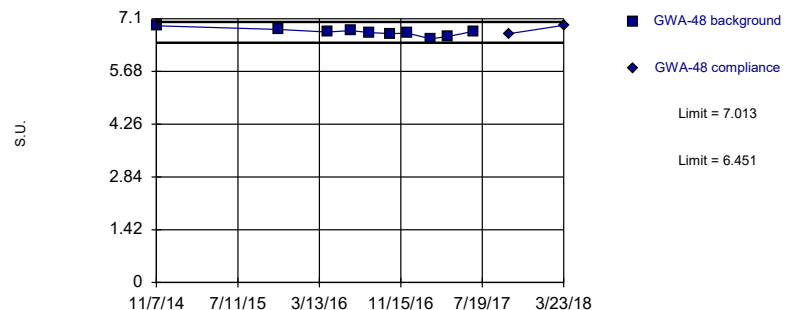


Background Data Summary: Mean=6.424, Std. Dev.=0.05938, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

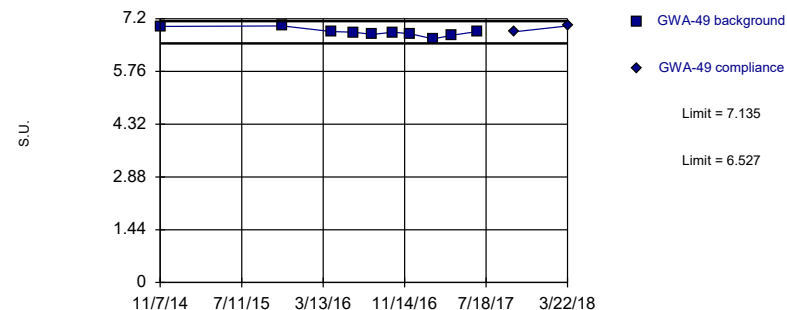


Background Data Summary: Mean=6.732, Std. Dev.=0.09693, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric



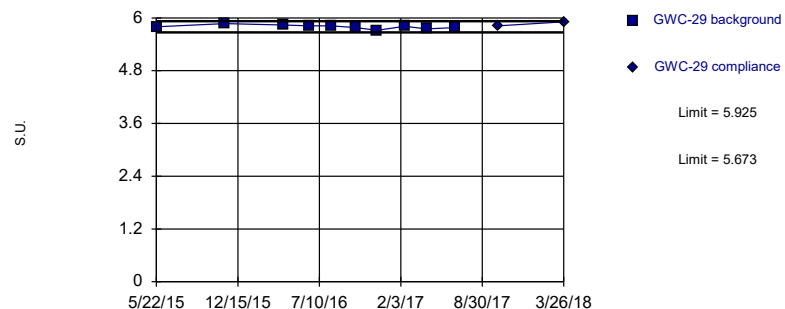
Background Data Summary: Mean=6.831, Std. Dev.=0.105, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9327, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



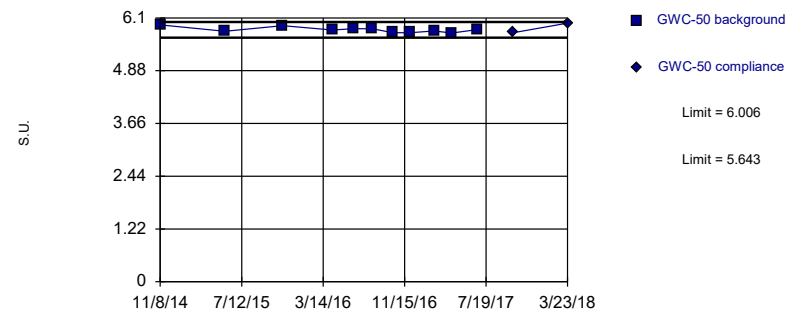
Background Data Summary: Mean=5.799, Std. Dev.=0.04358, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9822, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



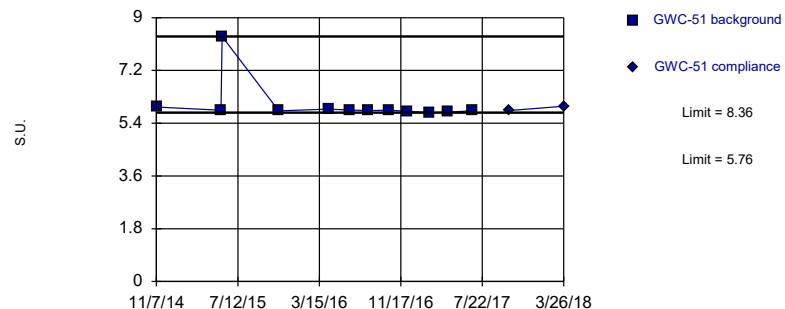
Background Data Summary: Mean=5.825, Std. Dev.=0.06283, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



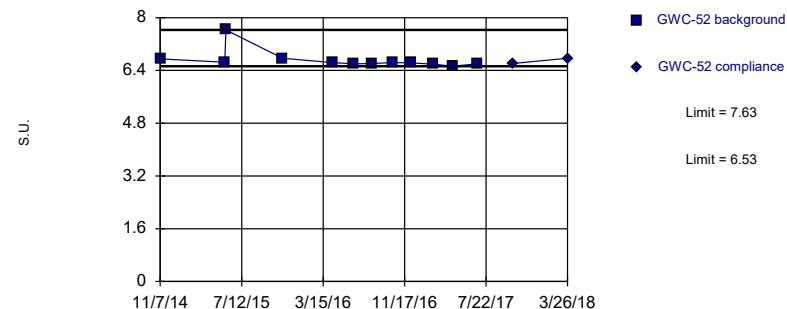
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric

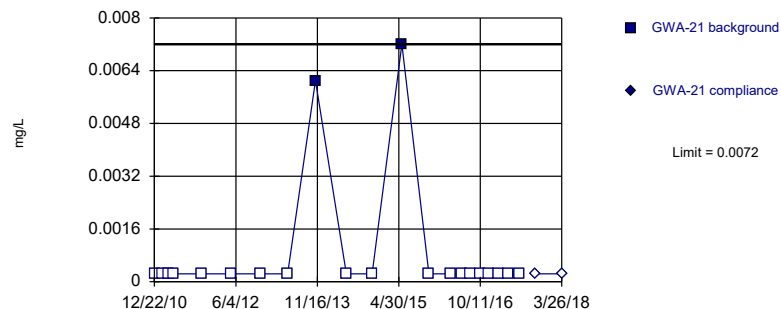


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

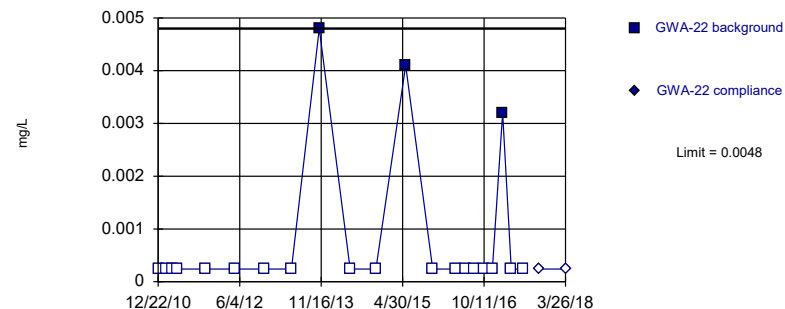


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

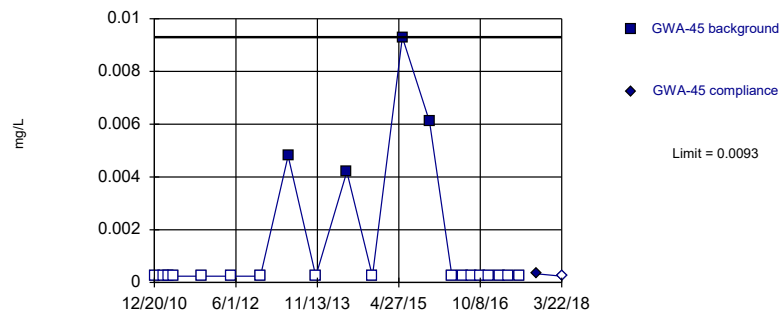


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

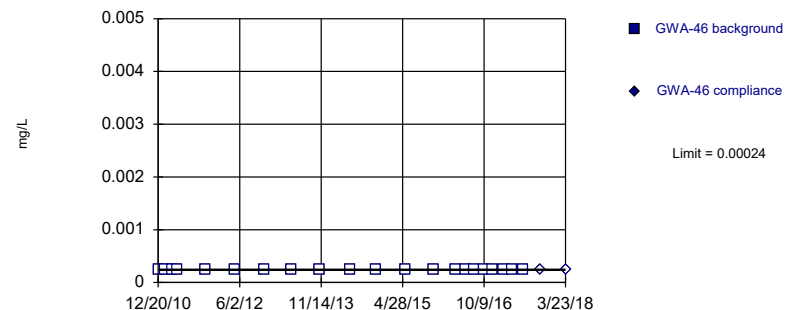


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

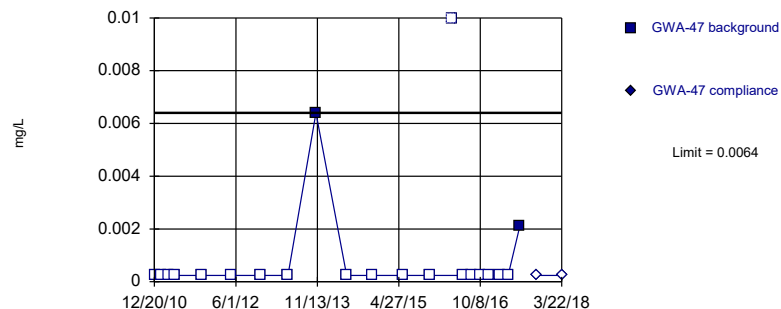


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

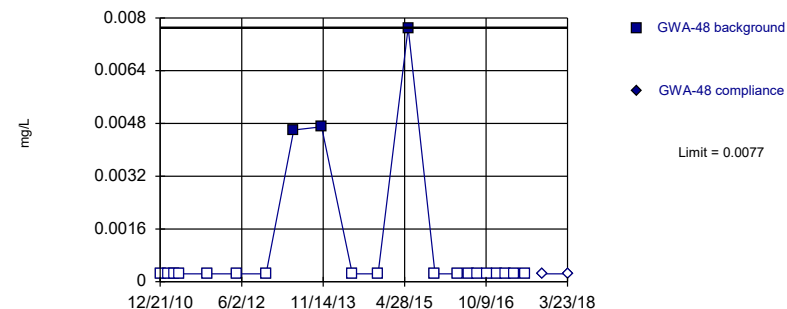


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

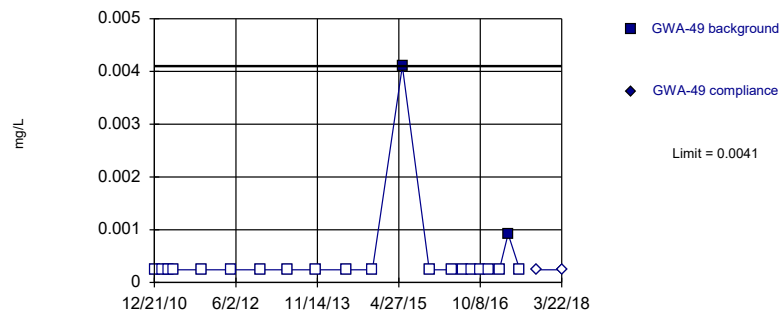


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

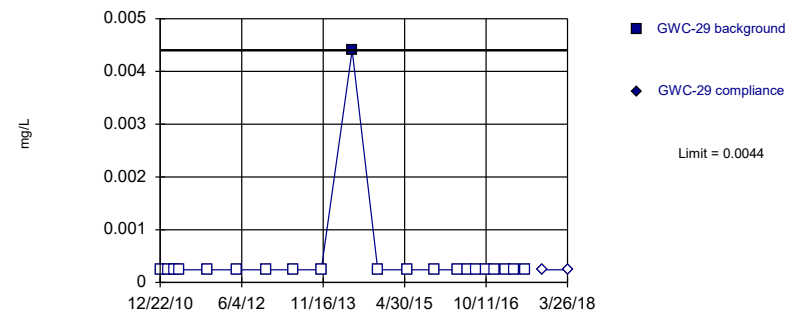


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

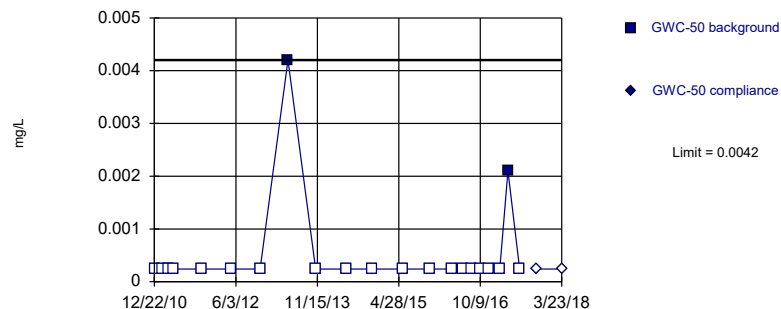


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

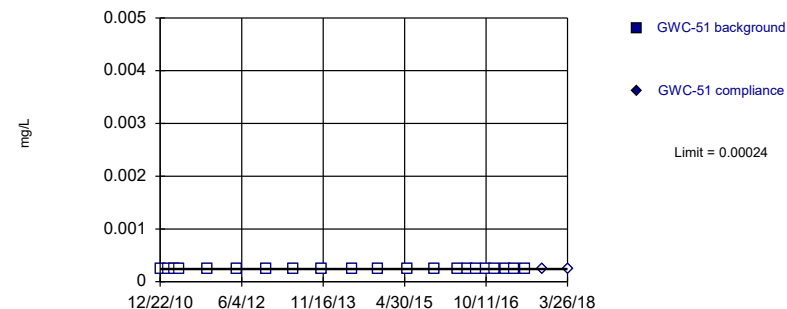


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

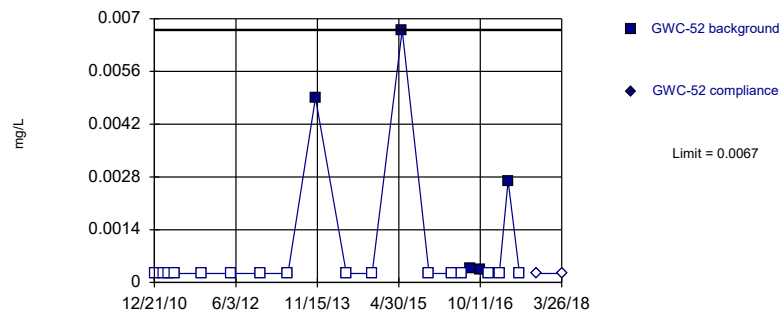


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

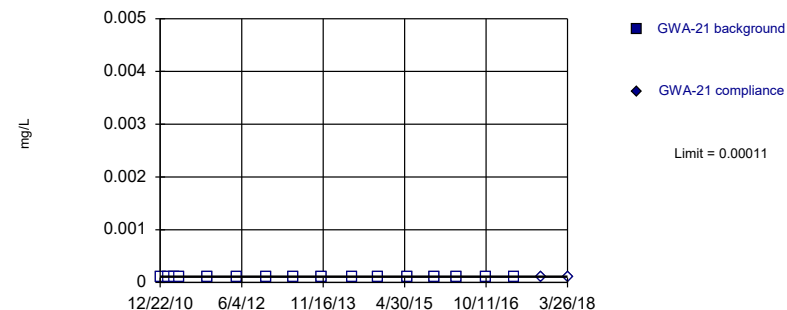


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

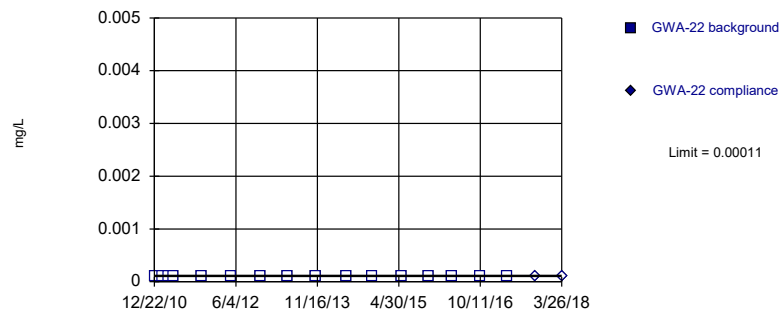


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

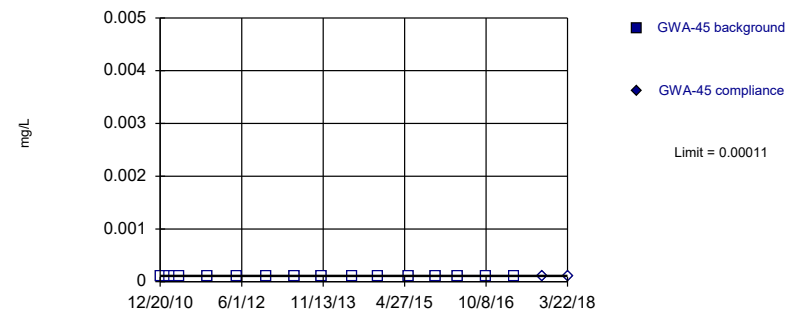


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

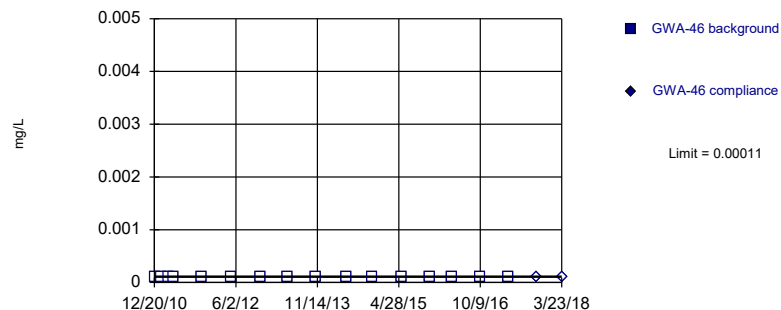


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

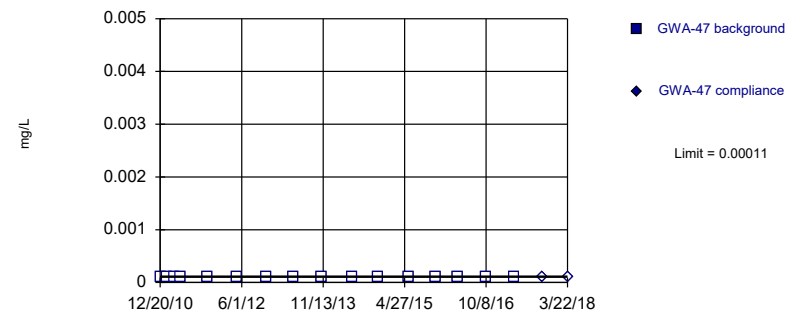


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

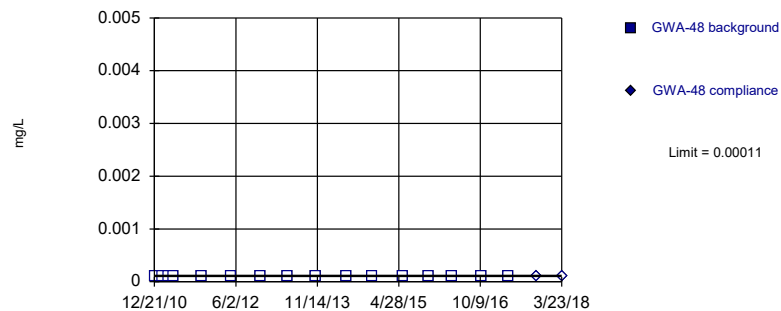


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

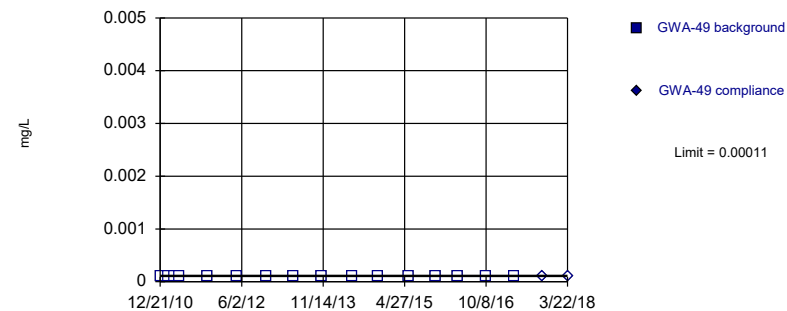


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

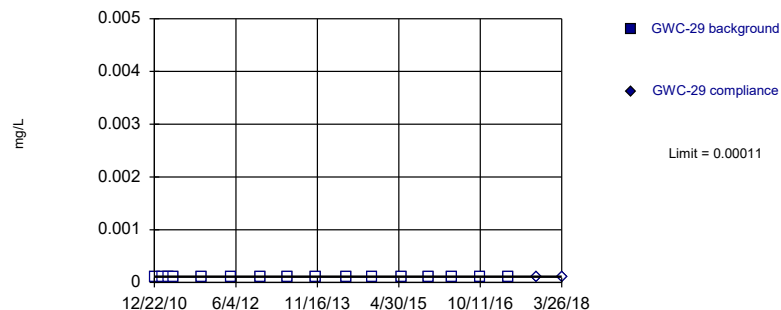


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

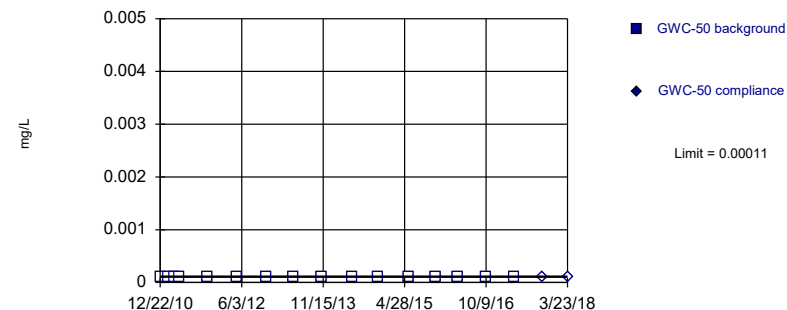


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

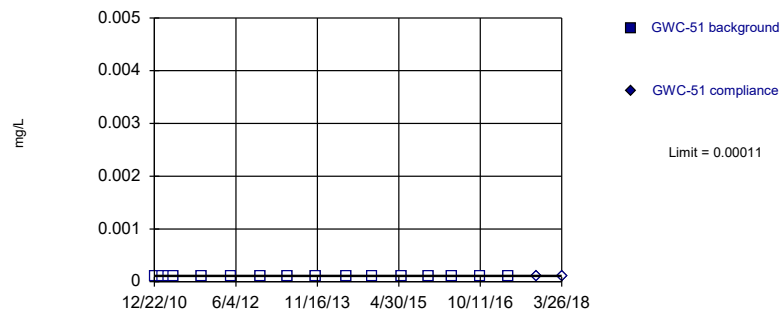


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

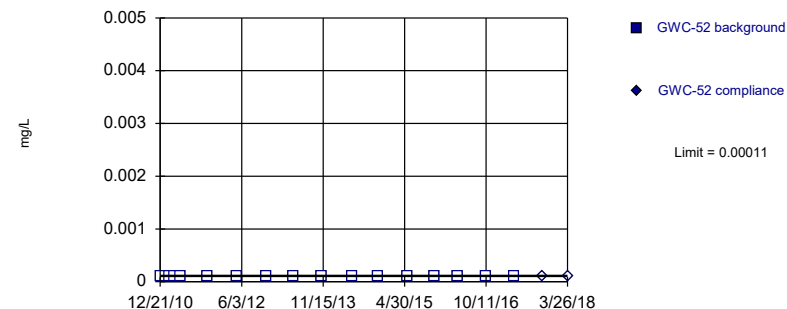


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

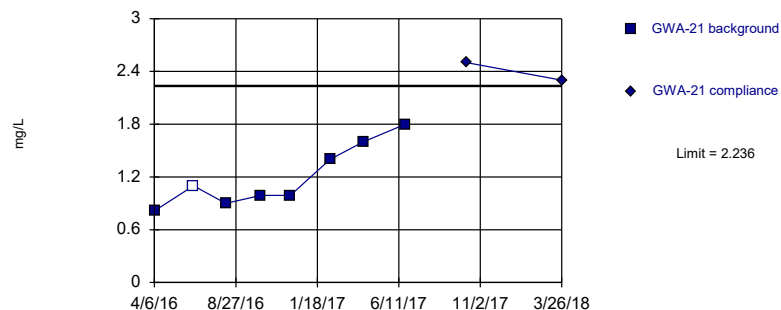


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

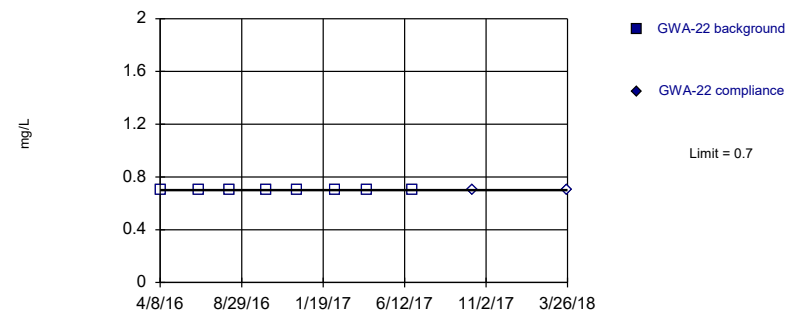


Background Data Summary: Mean=1.199, Std. Dev.=0.3582, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8949, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



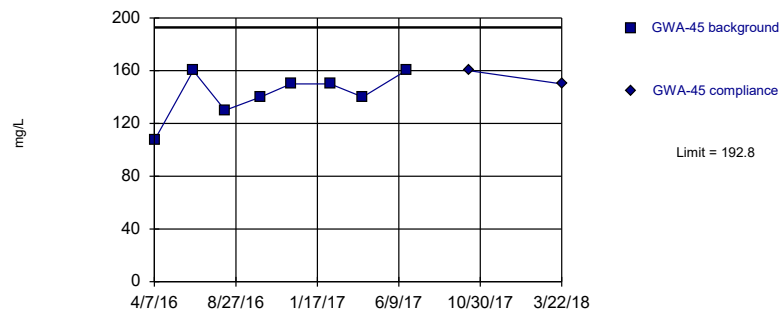
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=142.1, Std. Dev.=17.51, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.749. Kappa overridden to 2.894.

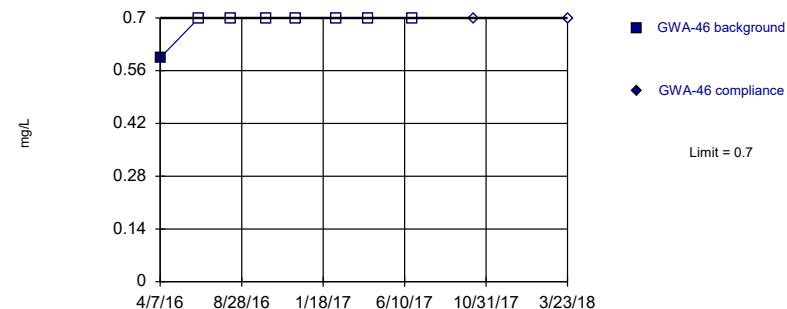
Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

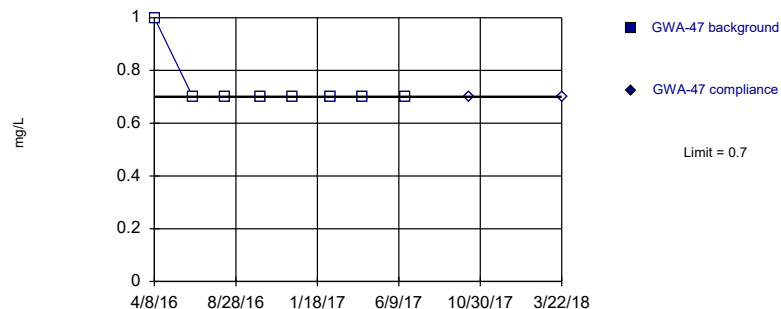
Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



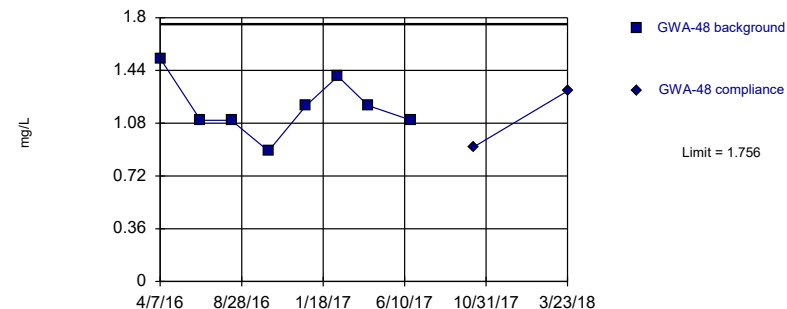
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric

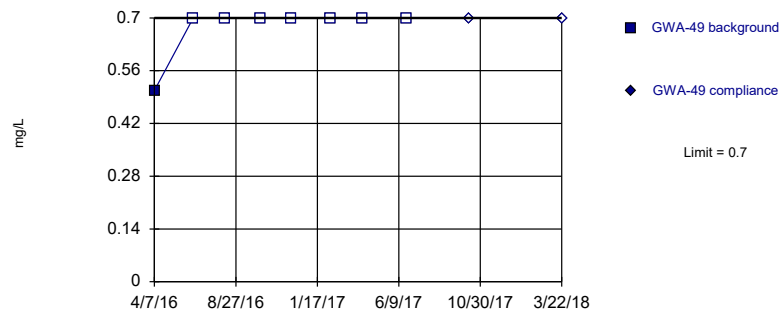


Background Data Summary: Mean=1.189, Std. Dev.=0.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

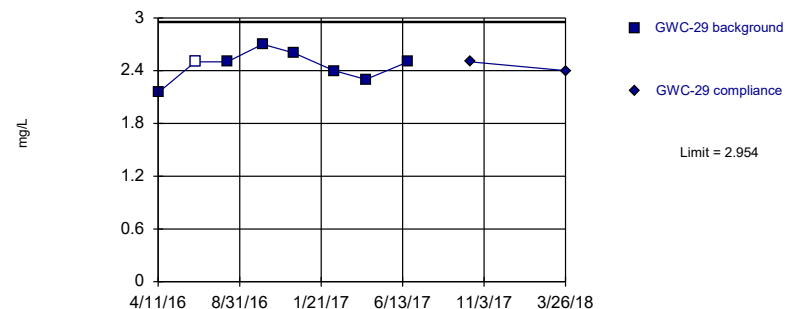


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

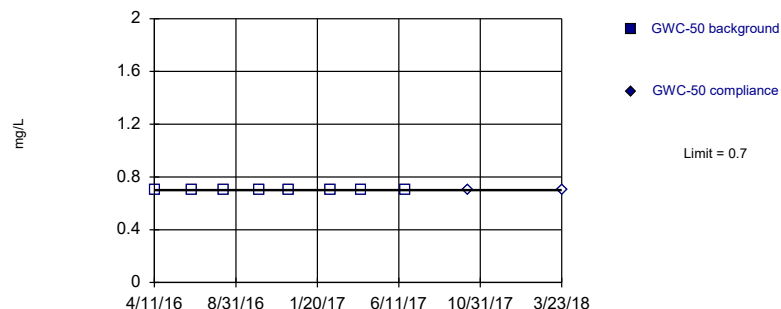


Background Data Summary: Mean=2.456, Std. Dev.=0.172, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9567, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

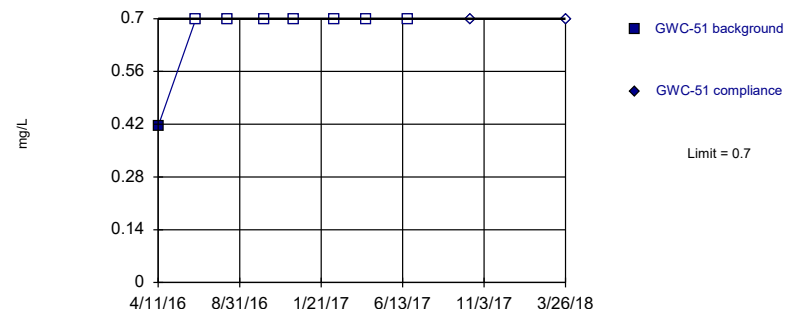


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



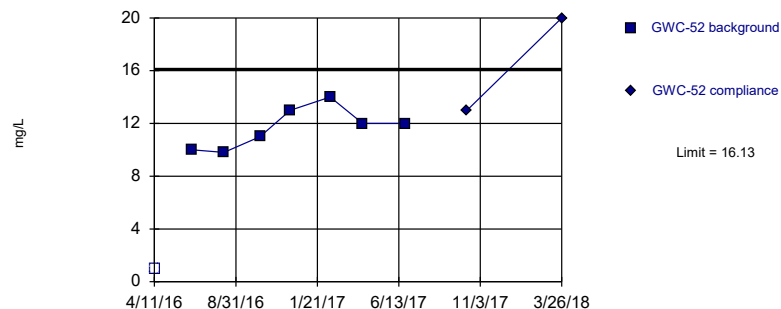
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



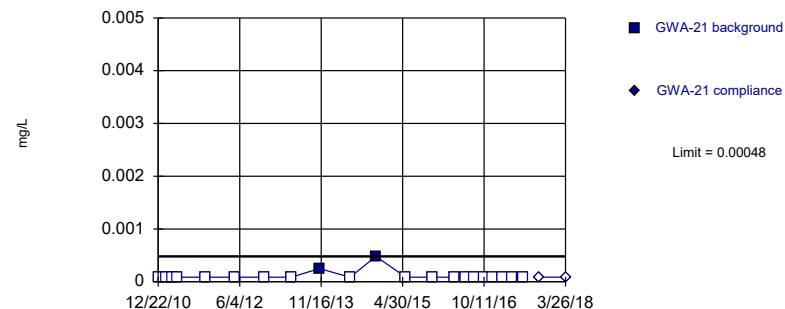
Background Data Summary: Mean=11.69, Std. Dev.=1.536, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.73. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



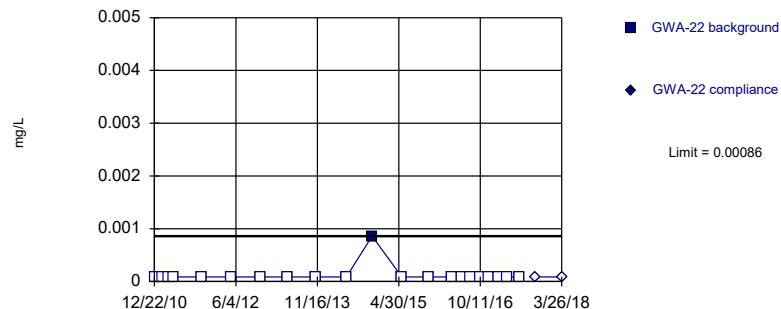
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



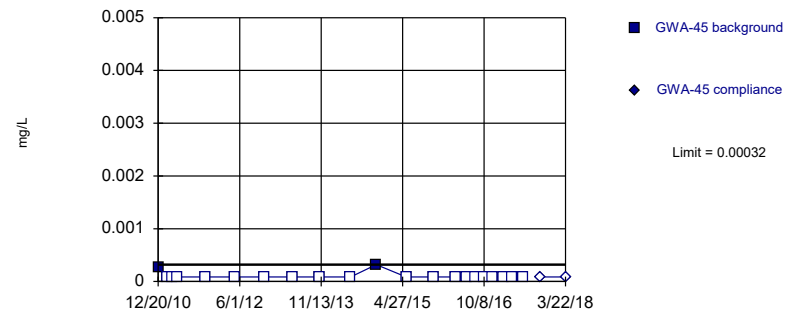
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

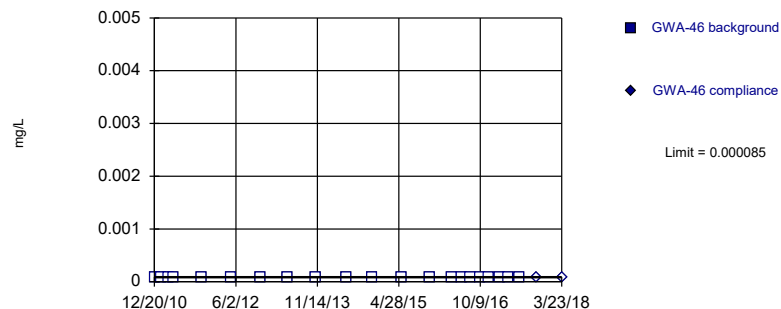


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

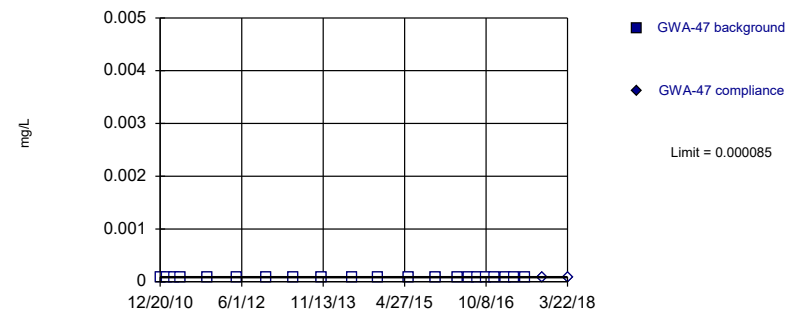


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

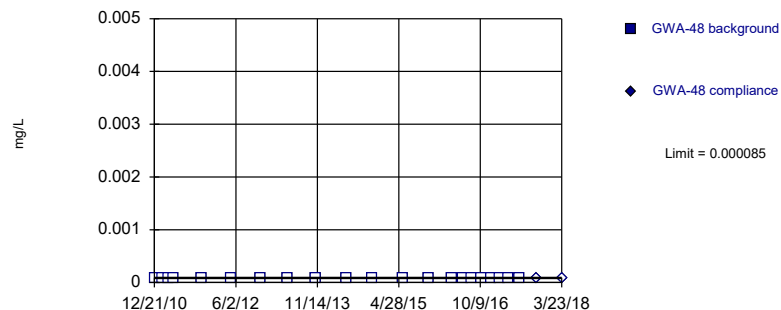


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

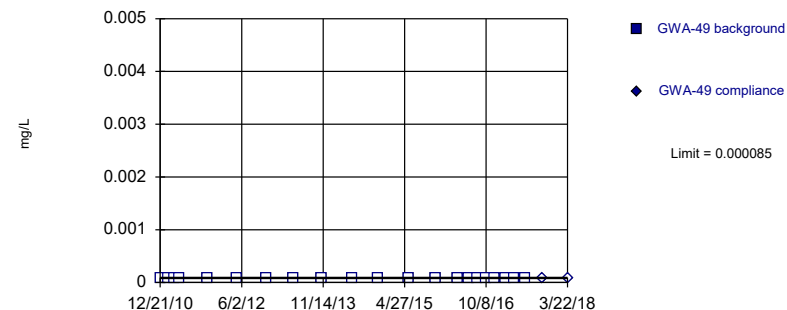


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

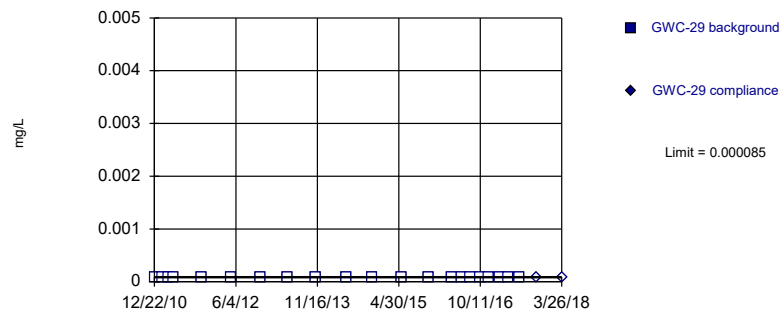


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

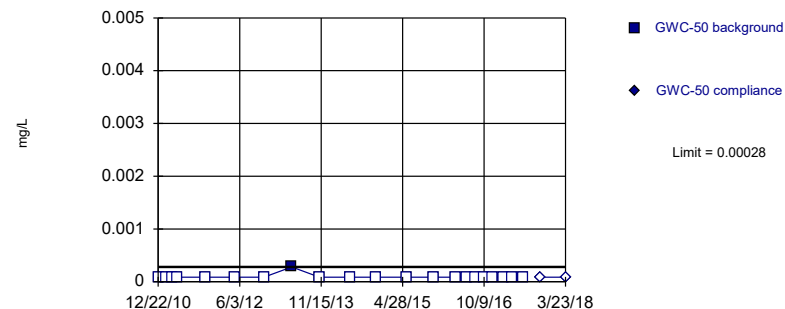


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

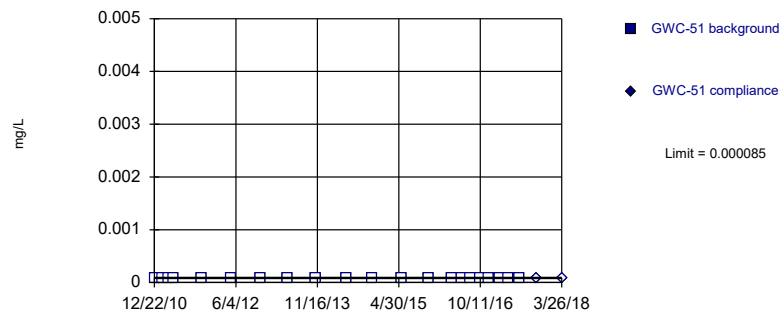


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

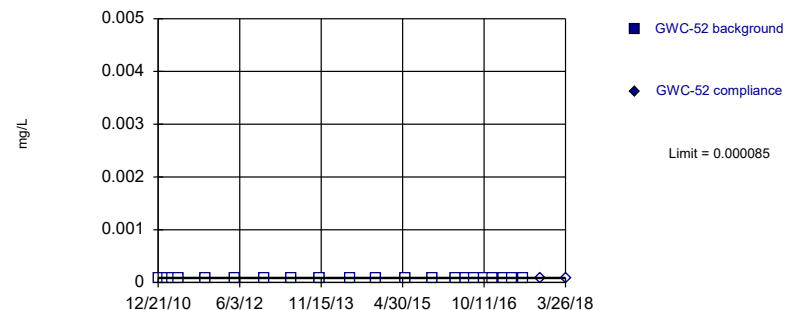


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



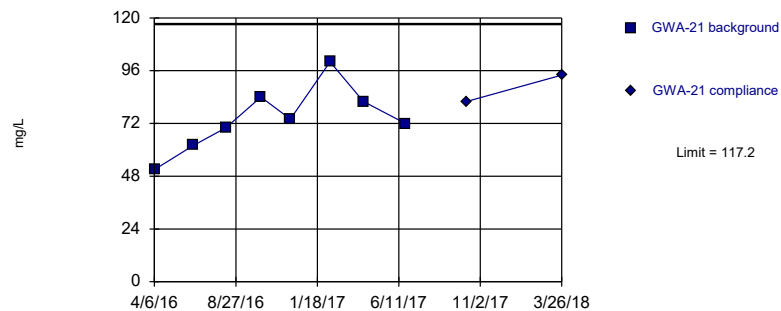
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



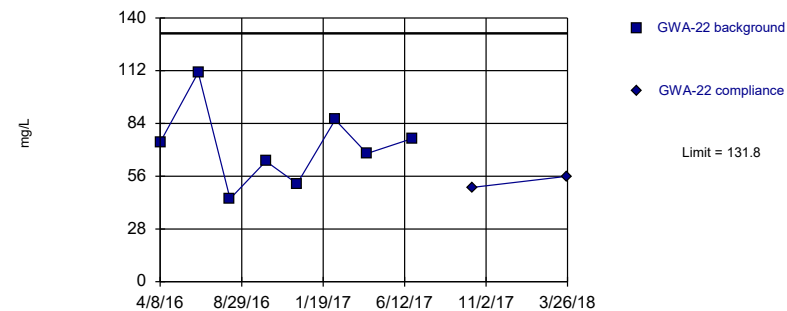
Background Data Summary: Mean=74.38, Std. Dev.=14.79, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9837, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



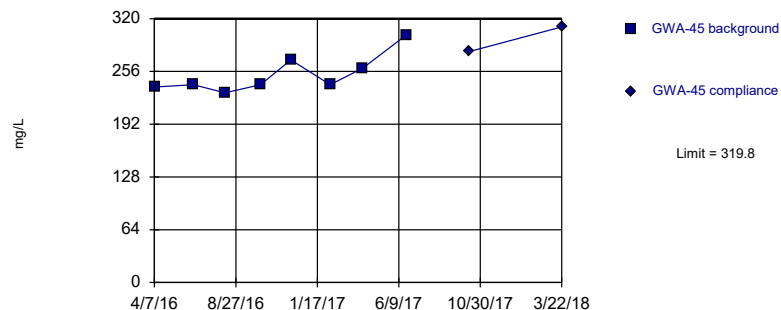
Background Data Summary: Mean=71.88, Std. Dev.=20.7, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=252.1, Std. Dev.=23.4, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8267, critical = 0.749. Kappa overridden to 2.894.

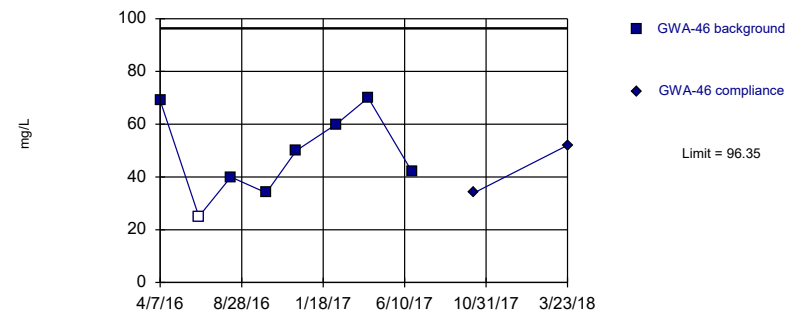
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



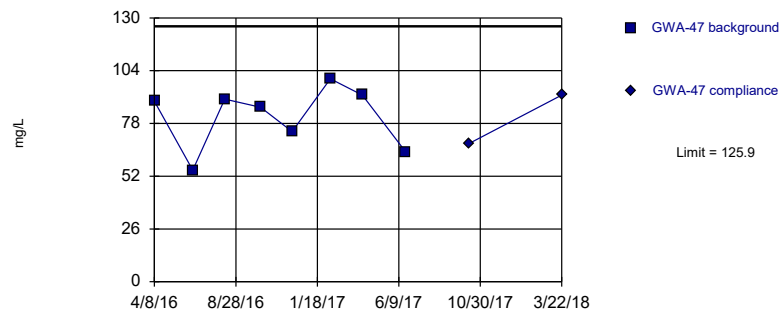
Background Data Summary: Mean=48.75, Std. Dev.=16.45, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



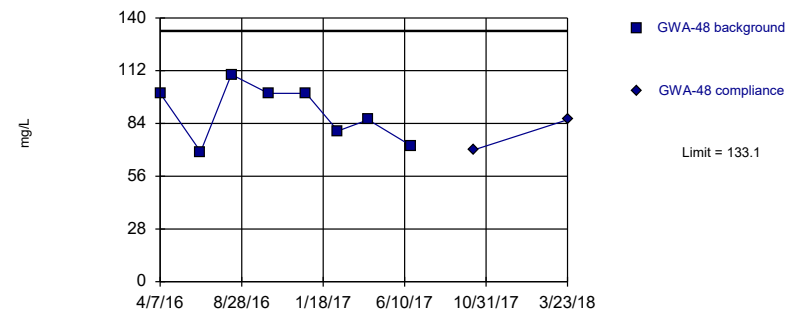
Background Data Summary: Mean=81.25, Std. Dev.=15.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9156, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



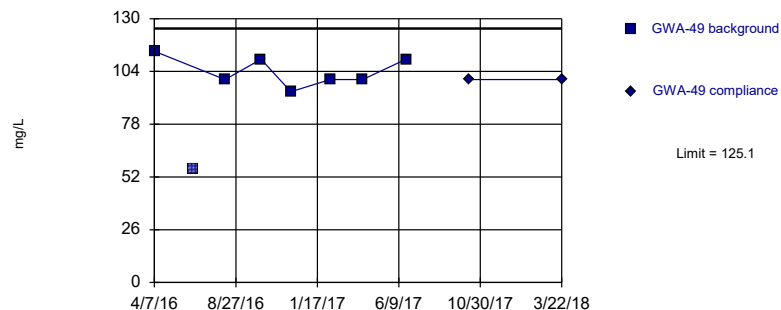
Background Data Summary: Mean=89.63, Std. Dev.=15.02, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



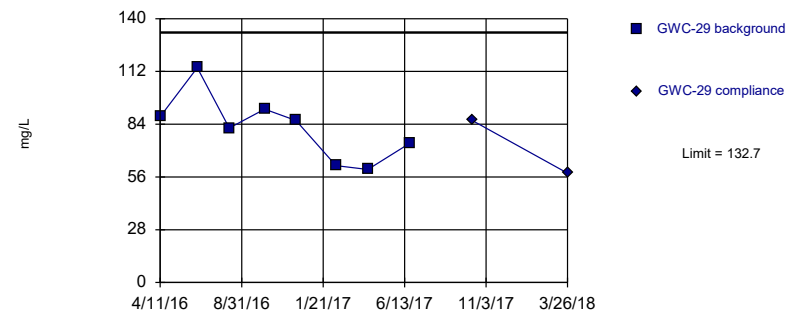
Background Data Summary: Mean=104, Std. Dev.=7.303, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8923, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



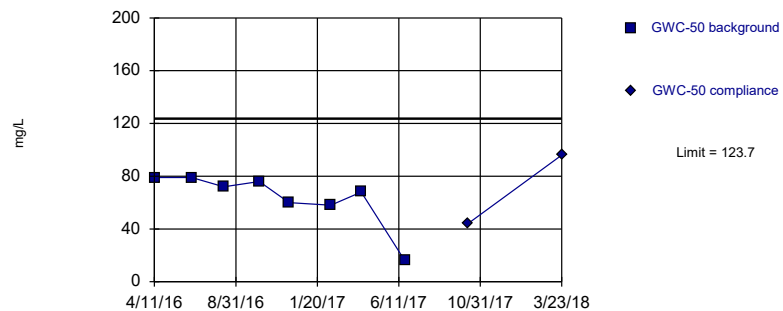
Background Data Summary: Mean=82.25, Std. Dev.=17.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



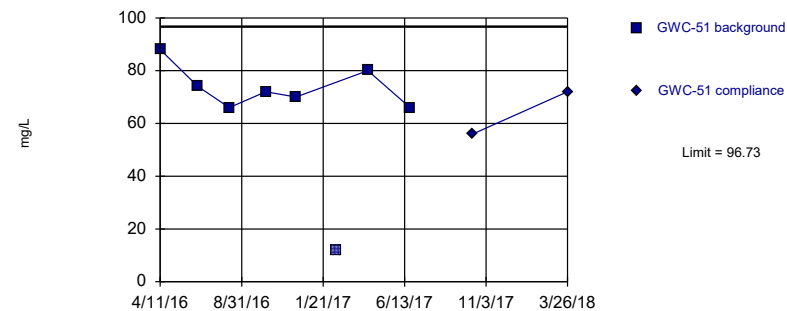
Background Data Summary: Mean=63.5, Std. Dev.=20.8, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7541, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



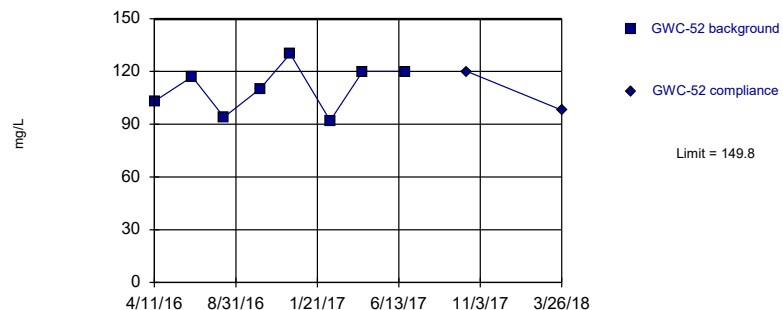
Background Data Summary: Mean=73.71, Std. Dev.=7.952, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9036, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=110.8, Std. Dev.=13.49, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.749. Kappa overridden to 2.894.

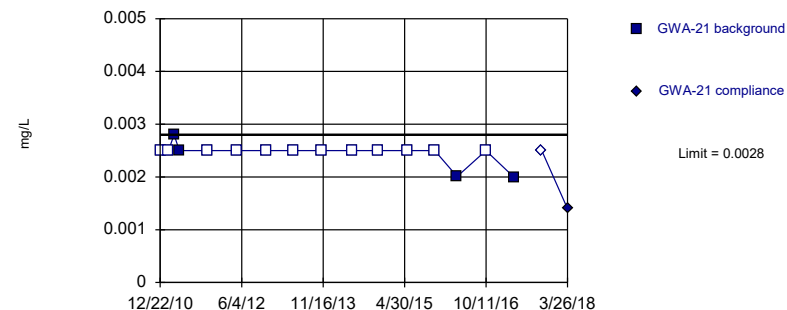
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

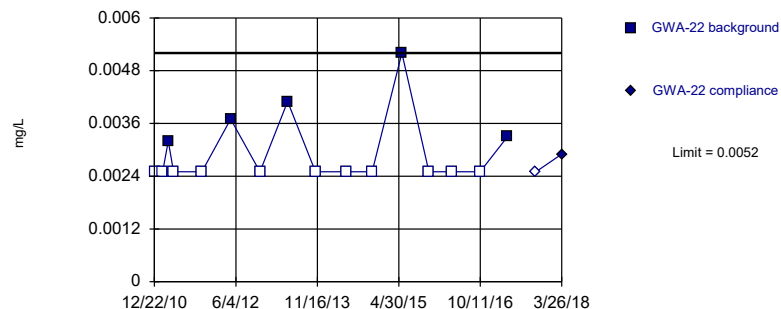


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

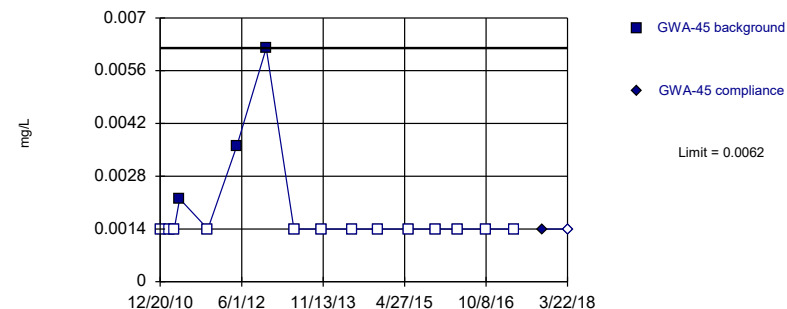


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

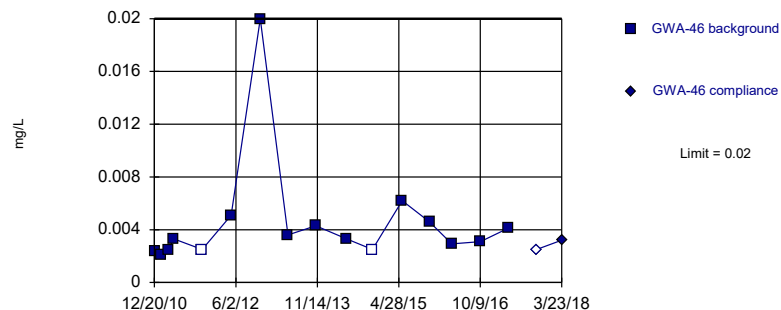


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

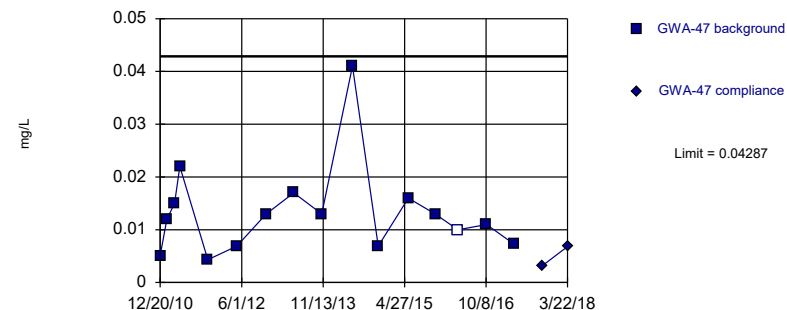


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



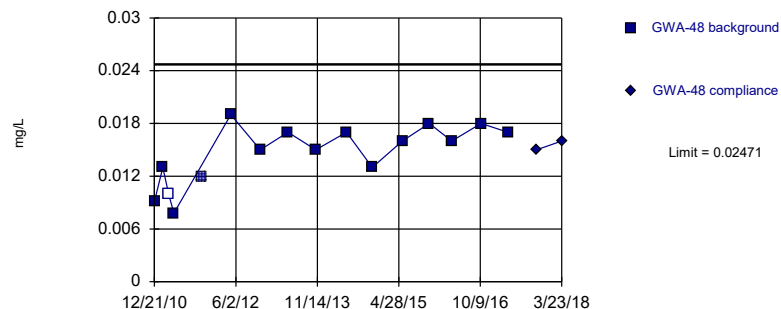
Background Data Summary (based on square root transformation): Mean=0.1109, Std. Dev.=0.03321, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



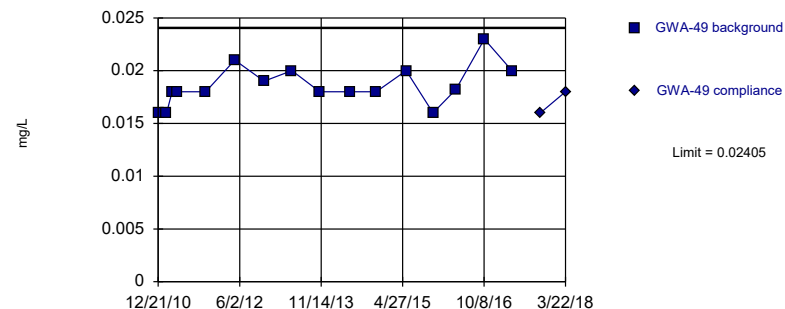
Background Data Summary: Mean=0.01473, Std. Dev.=0.003449, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8964, critical = 0.835. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



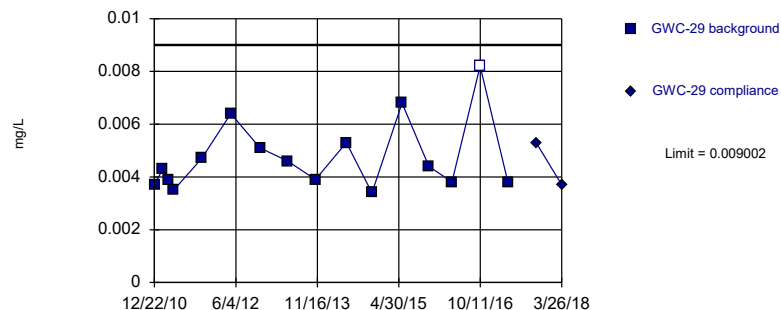
Background Data Summary: Mean=0.01858, Std. Dev.=0.001893, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



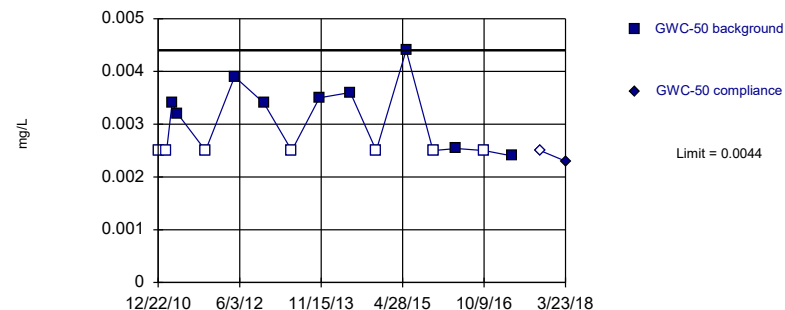
Background Data Summary (based on square root transformation): Mean=0.06826, Std. Dev.=0.009199, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8744, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

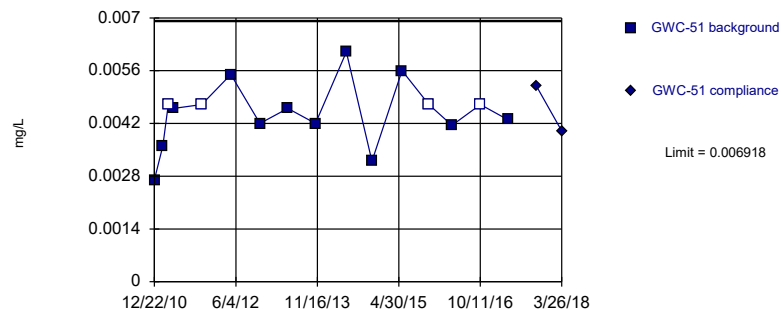
Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004128, Std. Dev.=0.0009643, n=16, 25%
NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.953, critical = 0.844. Kappa overridden to 2.894.

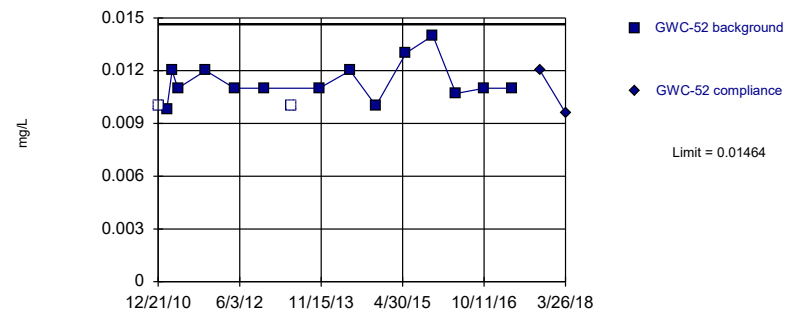
Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01139, Std. Dev.=0.001122, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.825. Kappa overridden to 2.894.

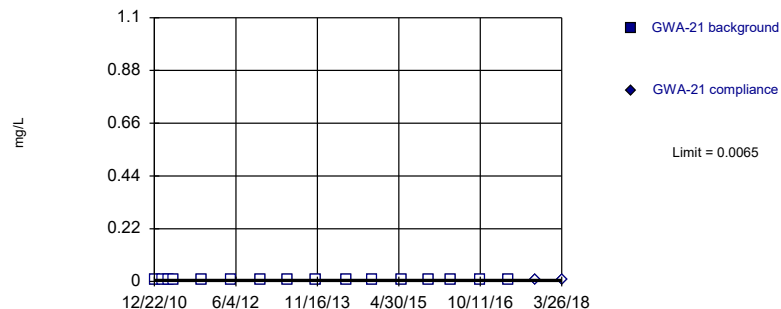
Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

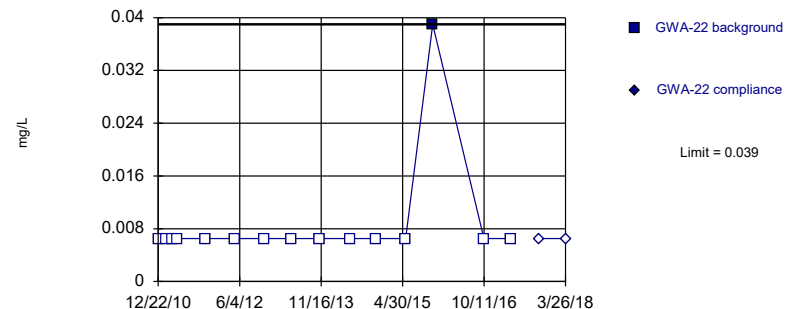
Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

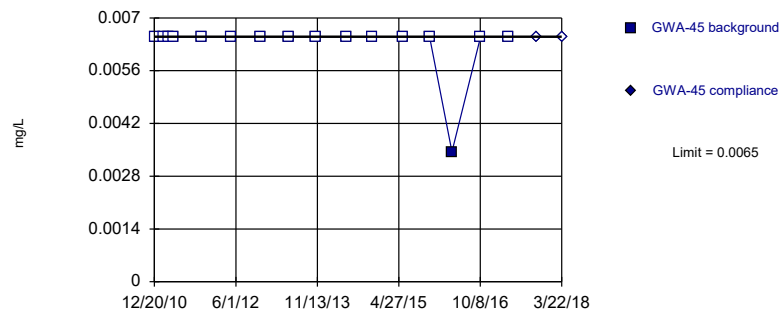


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

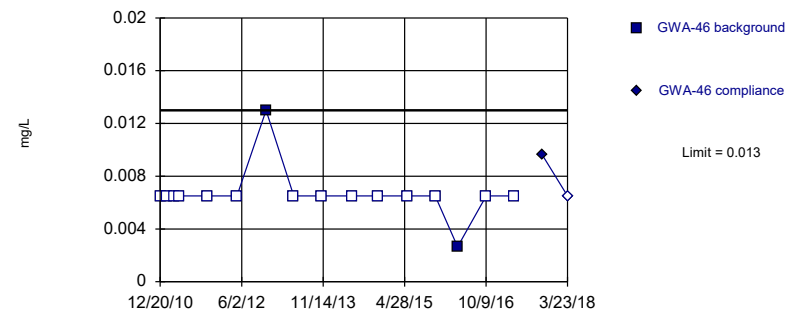


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

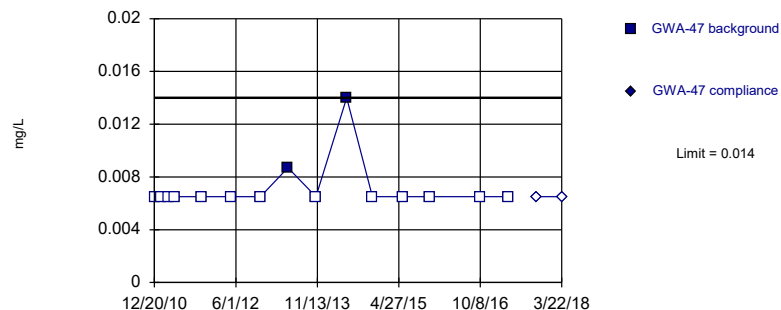


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

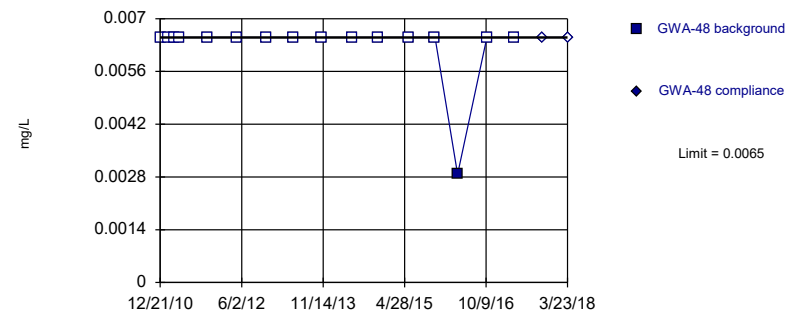


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

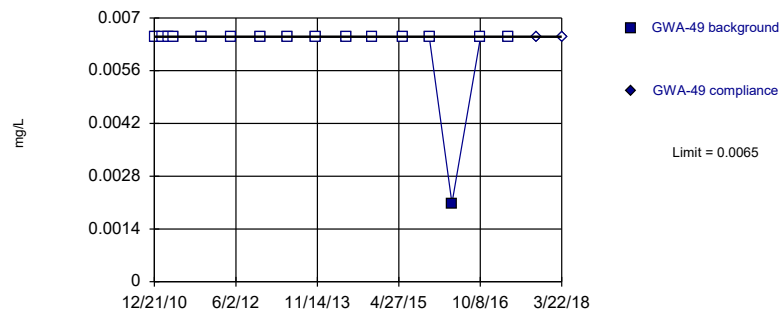


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

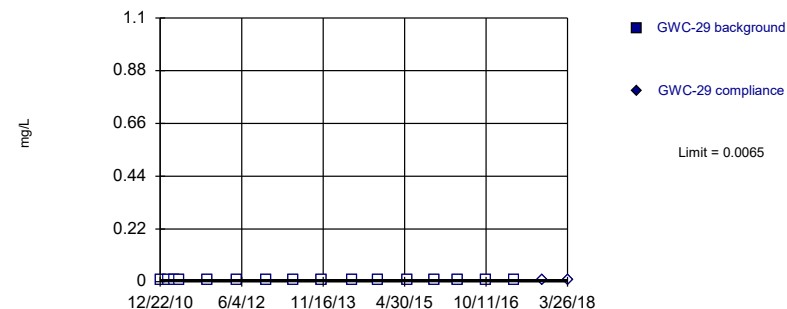


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

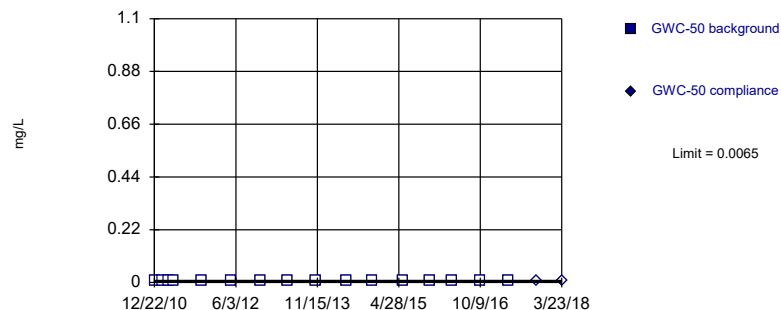


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

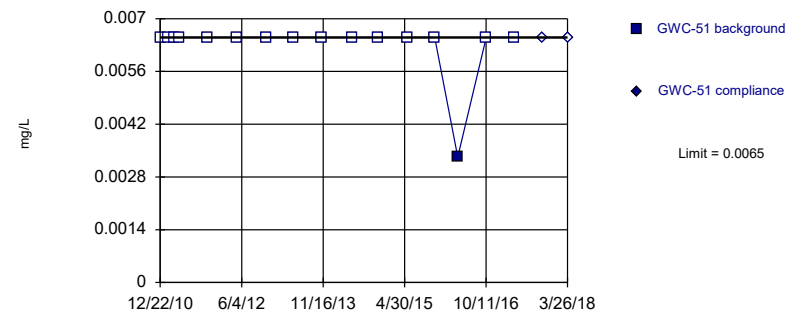


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

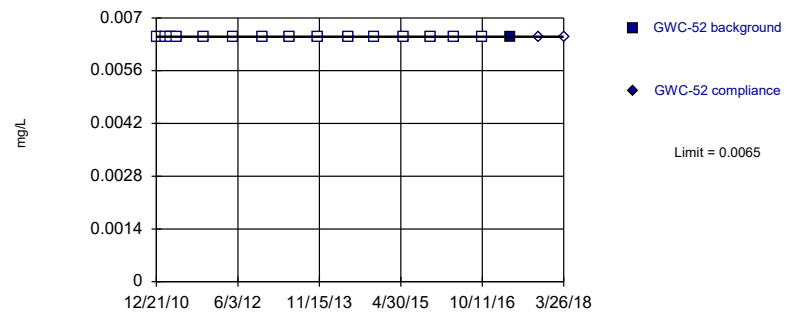


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR



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APPENDIX C

Statistical Analyses

STATISTICAL ANALYSES

March 2018

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Calcium (mg/L)	GWC-4	14.96	n/a	3/21/2018	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	3/22/2018	15	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-9	18.99	n/a	3/21/2018	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	3/21/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Copper (mg/L)	GWC-9	0.0025	n/a	3/21/2018	0.0038	Yes	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.0025	n/a	3/20/2018	0.04	Yes	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-15	1	n/a	3/20/2018	1.2	Yes	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	3/21/2018	160	Yes	7	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWA-15	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-16	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-17	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-1	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-2	1	n/a	3/20/2018	1ND	No	19	100	n/a	0.004832	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-3	1	n/a	3/21/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-4	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-6	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-7	1	n/a	3/22/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-8A	1	n/a	3/22/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-9	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-10	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-11	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-12	1	n/a	3/21/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-13	1	n/a	3/22/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-14	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-18	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-19	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-20	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-15	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-16	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-17	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-1	0.79	n/a	3/20/2018	0.46ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-2	0.46	n/a	3/20/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-3	1.3	n/a	3/21/2018	0.89	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-4	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-6	0.46	n/a	3/21/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-7	0.46	n/a	3/22/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-8A	1.4	n/a	3/22/2018	0.75	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-9	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-10	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-11	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-12	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-13	0.46	n/a	3/22/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-14	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-18	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-19	0.46	n/a	3/20/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-20	1.3	n/a	3/21/2018	0.78	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Barium, Total (ug/L)	GWA-15	12.88	n/a	3/20/2018	10	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-16	32.77	n/a	3/20/2018	23	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-17	51.02	n/a	3/20/2018	27	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-1	60.53	n/a	3/20/2018	42	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-2	54.93	n/a	3/20/2018	45	No	20	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-3	27.93	n/a	3/21/2018	18ND	No	20	0	x^(1/3)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-4	50.06	n/a	3/21/2018	45	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-6	69.2	n/a	3/21/2018	56	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-7	43.42	n/a	3/22/2018	35	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-8A	123.3	n/a	3/22/2018	19	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-9	37.54	n/a	3/21/2018	21ND	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-10	32.84	n/a	3/21/2018	28ND	No	22	4.545	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium, Total (ug/L)	GWC-11	19.17	n/a	3/21/2018	16ND	No	21	4.762	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-12	19.8	n/a	3/21/2018	17ND	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-13	44.36	n/a	3/22/2018	34	No	22	0	ln(x)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-14	11.13	n/a	3/20/2018	9.1	No	20	5	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-18	43.33	n/a	3/20/2018	33	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-19	20.15	n/a	3/20/2018	19	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-20	37.01	n/a	3/21/2018	30ND	No	22	0	No	0.000...	Param Intra 1 of 2
Beryllium, Total (ug/L)	GWA-15	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-16	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-17	2.1	n/a	3/20/2018	0.34ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-1	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-2	0.34	n/a	3/20/2018	0.34ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-3	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-4	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-6	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-7	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-8A	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-9	0.34	n/a	3/21/2018	0.34ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-10	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-11	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-12	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-13	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-14	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-18	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-19	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-20	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-15	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.021	n/a	3/20/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3593	n/a	3/22/2018	0.25	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1437	n/a	3/21/2018	0.089	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-15	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-16	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-17	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-1	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-2	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Cadmium, Total (ug/L)	GWC-3	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-4	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-6	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-7	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-8A	1.6	n/a	3/22/2018	0.34ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-9	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-10	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-11	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-12	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-13	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-14	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-18	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-19	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-20	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.889	n/a	3/20/2018	4.2	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.27	n/a	3/20/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.172	n/a	3/20/2018	6.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.91	n/a	3/20/2018	18	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	21.36	n/a	3/20/2018	18	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.32	n/a	3/21/2018	9.3	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	14.96	n/a	3/21/2018	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	20.84	n/a	3/21/2018	19	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	3/22/2018	15	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-8A	39.47	n/a	3/22/2018	30	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	18.99	n/a	3/21/2018	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	18.83	n/a	3/21/2018	17	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	15.18	n/a	3/21/2018	13	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.371	n/a	3/21/2018	1.3	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	6.805	n/a	3/22/2018	6.8	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.363	n/a	3/20/2018	6.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	12.34	n/a	3/20/2018	11	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	12.87	n/a	3/20/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	16.3	n/a	3/21/2018	14	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	5.716	n/a	3/20/2018	5.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	2.222	n/a	3/20/2018	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.026	n/a	3/20/2018	1.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.71	n/a	3/20/2018	3.9	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.613	n/a	3/20/2018	2	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.786	n/a	3/21/2018	3.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	3/21/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.831	n/a	3/21/2018	5.4	No	7	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	1.8	n/a	3/22/2018	1.6	No	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWC-8A	8.25	n/a	3/22/2018	7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.524	n/a	3/21/2018	3.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.453	n/a	3/21/2018	2.3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-11	2.099	n/a	3/21/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.096	n/a	3/21/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	2.118	n/a	3/22/2018	1.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.378	n/a	3/20/2018	2.7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.69	n/a	3/20/2018	2.3	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	GWC-19	1.9	n/a	3/20/2018	1.6	No	8	0	n/a	0.02144	NP Intra (normality) ...
Chloride (mg/L)	GWC-20	2.328	n/a	3/21/2018	1.8	No	7	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-15	3.6	n/a	3/20/2018	1.1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWA-16	9.391	n/a	3/20/2018	4.4	No	21	4.762	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-17	11.81	n/a	3/20/2018	6	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-1	19.71	n/a	3/20/2018	13	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-2	14.31	n/a	3/20/2018	9.9	No	21	4.762	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-3	22	n/a	3/21/2018	9.3ND	No	21	0	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-4	11.36	n/a	3/21/2018	6.2ND	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-6	14.36	n/a	3/21/2018	12ND	No	22	4.545	ln(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-7	17.83	n/a	3/22/2018	8.6	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-8A	41.74	n/a	3/22/2018	7.9	No	22	27.27	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-9	13.11	n/a	3/21/2018	4.6ND	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-10	21.47	n/a	3/21/2018	17	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-11	12	n/a	3/21/2018	8.1ND	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-12	3.202	n/a	3/21/2018	2.5ND	No	21	42.86	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-13	8.978	n/a	3/22/2018	28	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-14	3.6	n/a	3/20/2018	1.1ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWC-18	20	n/a	3/20/2018	14	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-19	16	n/a	3/20/2018	9.7	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-20	15.75	n/a	3/21/2018	8.5ND	No	22	4.545	No	0.000...	Param Intra 1 of 2
Cobalt, Total (ug/L)	GWA-15	2.5	n/a	3/20/2018	1.8	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-16	3	n/a	3/20/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-17	0.4	n/a	3/20/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-1	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-2	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-3	3.7	n/a	3/21/2018	0.4ND	No	22	77.27	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-4	0.68	n/a	3/21/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-6	0.4	n/a	3/21/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-7	0.4	n/a	3/22/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-8A	6.8	n/a	3/22/2018	0.4ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-9	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-10	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-11	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-12	0.49	n/a	3/21/2018	0.4ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-13	0.4	n/a	3/22/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-14	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-18	3.2	n/a	3/20/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-19	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-20	0.5	n/a	3/21/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-15	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.012	n/a	3/21/2018	0.0021ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0037	n/a	3/21/2018	0.0021ND	No	17	47.06	n/a	0.005914	NP Intra (normality) ...
Copper (mg/L)	GWC-6	0.0037	n/a	3/21/2018	0.0021ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.008	n/a	3/22/2018	0.0021ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.2355	n/a	3/22/2018	0.0021ND	No	17	5.882	sqrt(x)	0.000...	Param Intra 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Copper (mg/L)	GWC-9	0.0025	n/a	3/21/2018	0.0038	Yes	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	3/22/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	3/20/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	3/20/2018	0.0021ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	3/21/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-15	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1087	n/a	3/20/2018	0.082ND	No	8	37.5	x^3	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1871	n/a	3/21/2018	0.094	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-6	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	3/22/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2403	n/a	3/22/2018	0.091	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.083	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-15	0.35	n/a	3/20/2018	0.35ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-16	5.1	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-17	3.4	n/a	3/20/2018	0.35ND	No	22	72.73	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-1	8.5	n/a	3/20/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-2	6.3	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-3	11	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-4	6.2	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-6	6.7	n/a	3/21/2018	0.35ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-7	6.4	n/a	3/22/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-8A	23	n/a	3/22/2018	0.35ND	No	22	45.45	n/a	0.003707	NP Intra (normality) ...
Lead, Total (ug/L)	GWC-9	6.9	n/a	3/21/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-10	7	n/a	3/21/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-11	5.1	n/a	3/21/2018	0.35ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-12	0.35	n/a	3/21/2018	0.35ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-13	3.6	n/a	3/22/2018	0.35ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-14	2.8	n/a	3/20/2018	0.35ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-18	5.2	n/a	3/20/2018	0.35ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-19	5.6	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-20	5.6	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.00014	n/a	3/20/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	3/20/2018	0.0002ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Mercury (mg/L)	GWC-1	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.00014	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	3/21/2018	0.0002ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	3/21/2018	0.0002ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	3/22/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	3/22/2018	0.0002ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.000088	n/a	3/21/2018	0.00007ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.00011	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.00019	n/a	3/21/2018	0.00007ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.00007	n/a	3/21/2018	0.00007ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	3/22/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.00016	n/a	3/20/2018	0.00007ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.000089	n/a	3/20/2018	0.00007ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0001	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.0025	n/a	3/20/2018	0.04	Yes	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0018	n/a	3/20/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0086	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0033	n/a	3/20/2018	0.0018ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0093	n/a	3/21/2018	0.0022	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0021	n/a	3/21/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	3/21/2018	0.0018ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	3/22/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0093	n/a	3/22/2018	0.0018ND	No	17	41.18	n/a	0.005914	NP Intra (normality) ...
Nickel (mg/L)	GWC-9	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	3/21/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.0018	n/a	3/22/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.0018	n/a	3/20/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.0045	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.01	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.0063	n/a	3/21/2018	0.0018ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.807	5.203	3/20/2018	5.48	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.627	6.136	3/20/2018	6.36	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.446	5.482	3/20/2018	5.97	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.798	6.212	3/20/2018	6.63	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-2	7	6.36	3/20/2018	6.52	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-3	6.149	5.684	3/21/2018	5.96	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.542	6.069	3/21/2018	6.23	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.371	5.996	3/21/2018	6.21	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-7	6.473	6.162	3/22/2018	6.34	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-8A	7.11	6.24	3/22/2018	7.05	No	15	0	n/a	0.01507	NP Intra (normality) ...
pH (S.U.)	GWC-9	6.938	6.202	3/21/2018	6.76	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.661	5.969	3/21/2018	6.56	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.414	5.919	3/21/2018	6.21	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.48	4.77	3/21/2018	5.33	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-13	6.138	5.588	3/22/2018	5.88	No	13	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
pH (S.U.)	GWC-14	5.869	5.296	3/20/2018	5.73	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.488	6.11	3/20/2018	6.34	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.51	6.35	3/20/2018	6.37	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-20	6.734	6.281	3/21/2018	6.5	No	12	0	No	0.000...	Param Intra 1 of 2
Selenium, Total (ug/L)	GWA-15	1.3	n/a	3/20/2018	1.3ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-16	4.3	n/a	3/20/2018	0.24ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-17	4.4	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-1	5.3	n/a	3/20/2018	1.3ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-2	4.5	n/a	3/20/2018	1.3ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-3	0.36	n/a	3/21/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-4	1.3	n/a	3/21/2018	1.3ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-6	7	n/a	3/21/2018	1.3ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-7	5.3	n/a	3/22/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-8A	4.5	n/a	3/22/2018	0.32	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-9	6.5	n/a	3/21/2018	1.3ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-10	4.6	n/a	3/21/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-11	5	n/a	3/21/2018	0.24ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-12	4	n/a	3/21/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-13	0.24	n/a	3/22/2018	0.24ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-14	5.2	n/a	3/20/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-18	4.1	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-19	4.4	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-20	0.24	n/a	3/21/2018	0.24ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-15	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-16	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-17	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.00012	n/a	3/20/2018	0.00011ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.00012	n/a	3/21/2018	0.00011ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-15	1	n/a	3/20/2018	1.2	Yes	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	3/20/2018	0.95	No	8	50	n/a	0.02144	NP Intra (normality) ...
Sulfate (mg/L)	GWC-2	0.7	n/a	3/20/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	3/21/2018	0.7ND	No	8	62.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.614	n/a	3/21/2018	4.9	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	18.51	n/a	3/21/2018	9.5	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Sulfate (mg/L)	GWC-7	0.7	n/a	3/22/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	46.61	n/a	3/22/2018	39	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	19.63	n/a	3/21/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.355	n/a	3/21/2018	1.1	No	8	37.5	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	0.7	n/a	3/21/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	0.7	n/a	3/21/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	0.7	n/a	3/22/2018	0.7ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	0.7	n/a	3/20/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	0.7	n/a	3/21/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-15	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-16	0.3	n/a	3/20/2018	0.085ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-17	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-1	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-2	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-3	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-4	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-6	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-7	0.27	n/a	3/22/2018	0.085ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-8A	0.085	n/a	3/22/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-9	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-10	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-11	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-12	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-13	0.085	n/a	3/22/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-14	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-18	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-19	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-20	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	73.77	n/a	3/20/2018	20	No	8	12.5	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-16	171.2	n/a	3/20/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-17	150.6	n/a	3/20/2018	90	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	170.8	n/a	3/20/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	207.6	n/a	3/20/2018	120	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-3	110.3	n/a	3/21/2018	98	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	3/21/2018	160	Yes	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	174.7	n/a	3/21/2018	170	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	160.7	n/a	3/22/2018	130	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	220.3	n/a	3/22/2018	220	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	217.1	n/a	3/21/2018	160	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	170.5	n/a	3/21/2018	120	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	361.1	n/a	3/21/2018	100	No	8	0	x^(1/3)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	207.8	n/a	3/21/2018	28	No	8	50	ln(x)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	98.85	n/a	3/22/2018	76	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	98.65	n/a	3/20/2018	42	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	114	n/a	3/20/2018	92	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	165	n/a	3/20/2018	100	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	3/21/2018	100	No	8	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	3/20/2018	0.0014ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2

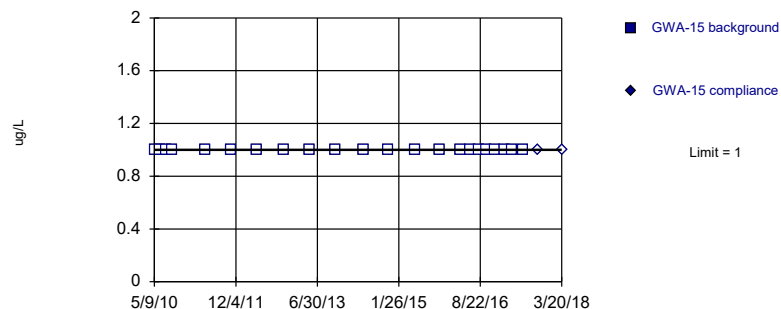
Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Vanadium (mg/L)	GWA-16	0.01365	n/a	3/20/2018	0.0067	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.009845	n/a	3/20/2018	0.0041	No	17	23.53	sqrt(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02566	n/a	3/20/2018	0.016	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.02028	n/a	3/20/2018	0.014	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01144	n/a	3/21/2018	0.0097	No	16	6.25	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01268	n/a	3/21/2018	0.0058	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01045	n/a	3/21/2018	0.0077	No	14	7.143	x^2	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.0161	n/a	3/22/2018	0.012	No	15	6.667	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.1115	n/a	3/22/2018	0.0043	No	17	0	sqrt(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02519	n/a	3/21/2018	0.018	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.01799	n/a	3/21/2018	0.012	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.0139	n/a	3/21/2018	0.0098	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0032	n/a	3/21/2018	0.0014ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.004	n/a	3/22/2018	0.0014ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0026	n/a	3/20/2018	0.0014ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01207	n/a	3/20/2018	0.0064	No	17	5.882	ln(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01125	n/a	3/20/2018	0.0072	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02409	n/a	3/21/2018	0.021	No	17	5.882	No	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0073	n/a	3/20/2018	0.0065ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.018	n/a	3/21/2018	0.0065ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.0065	n/a	3/21/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0065	n/a	3/22/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.2896	n/a	3/22/2018	0.0065ND	No	17	11.76	sqrt(x)	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWC-9	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.02	n/a	3/21/2018	0.007	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	3/21/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0065	n/a	3/22/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0085	n/a	3/20/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

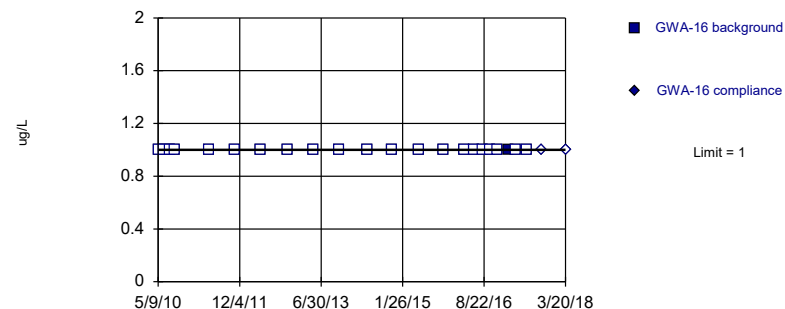


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

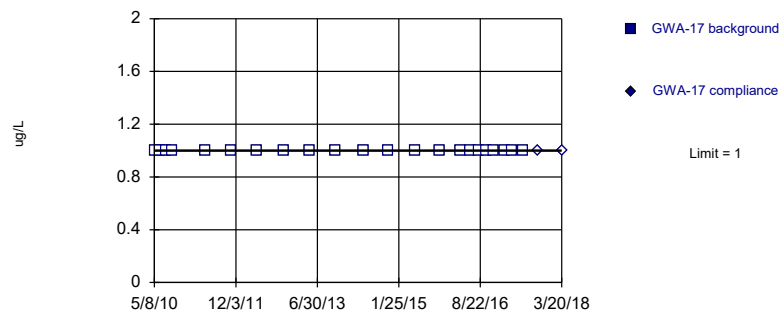


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

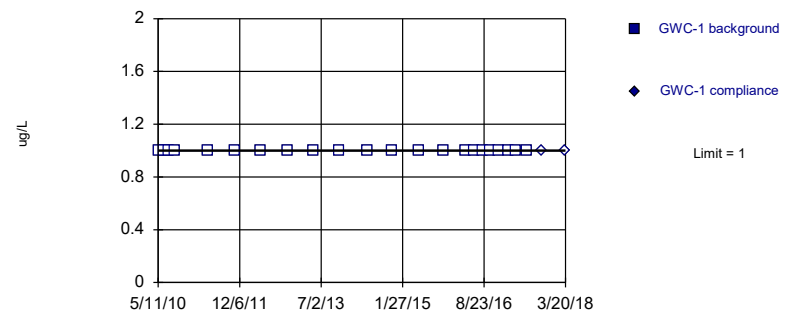


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

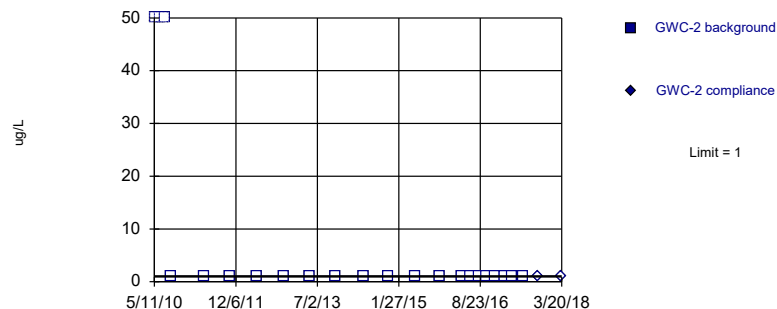


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

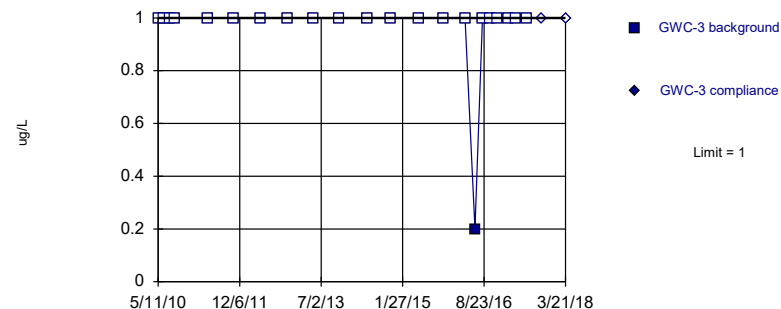


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

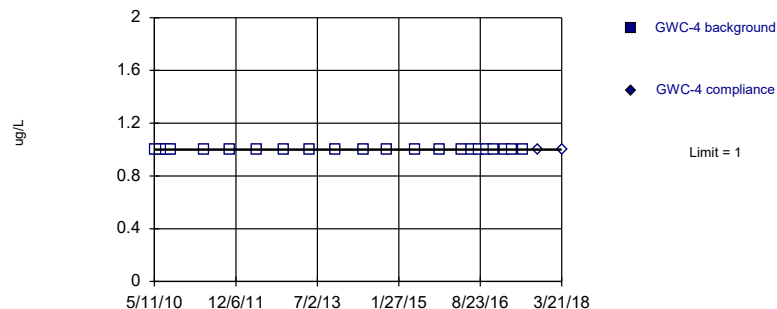


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

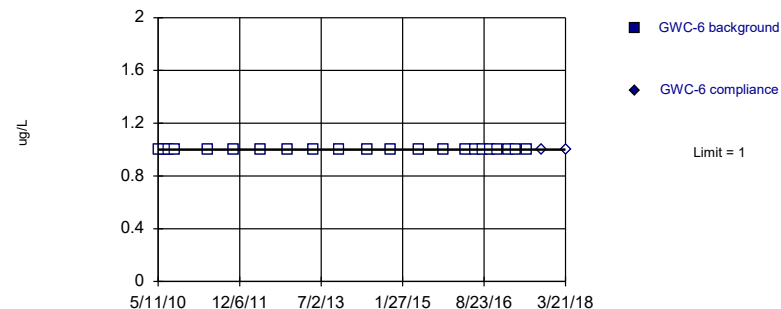


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

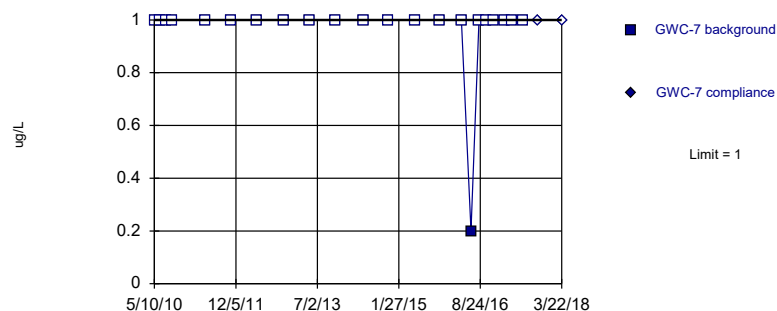


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

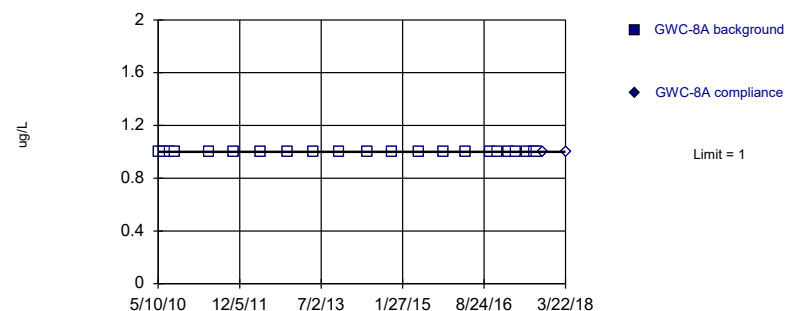


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

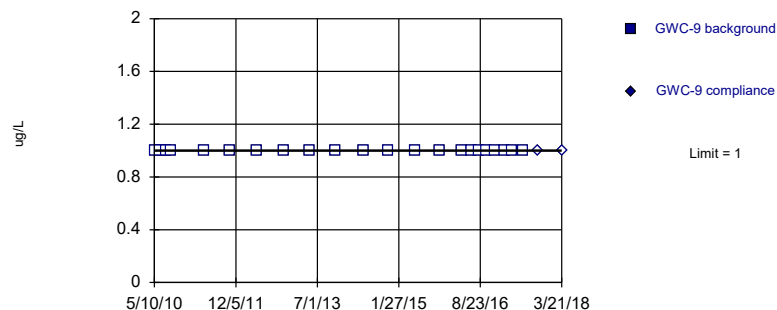


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Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

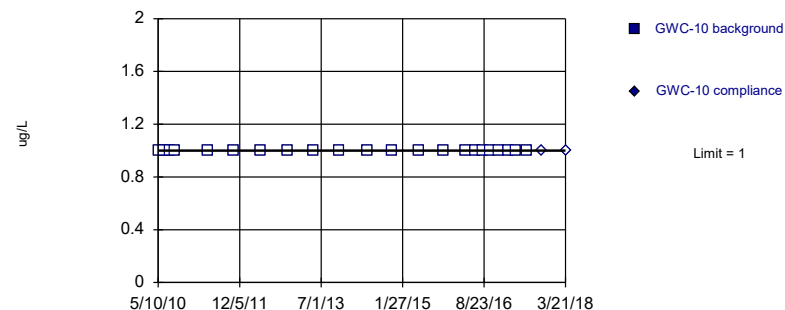


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



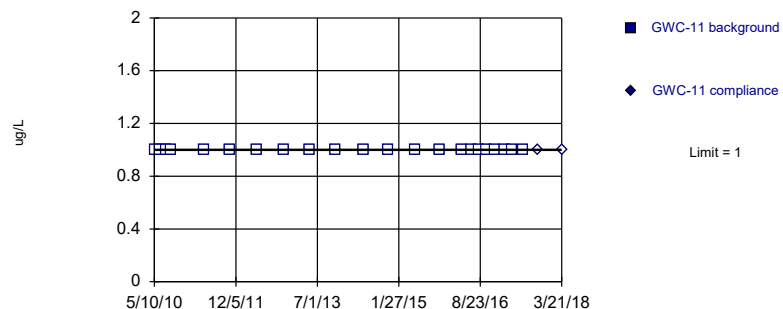
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Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



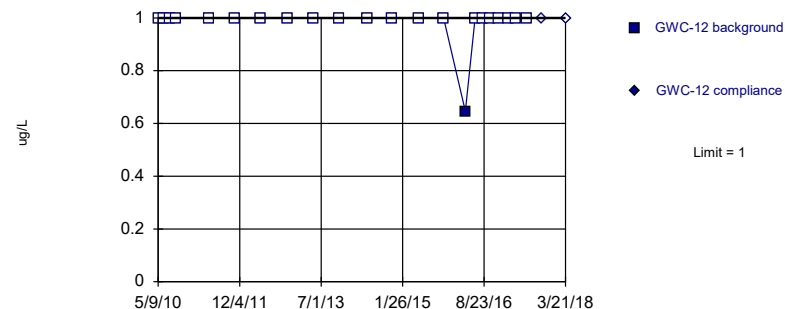
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit Intrawell Non-parametric



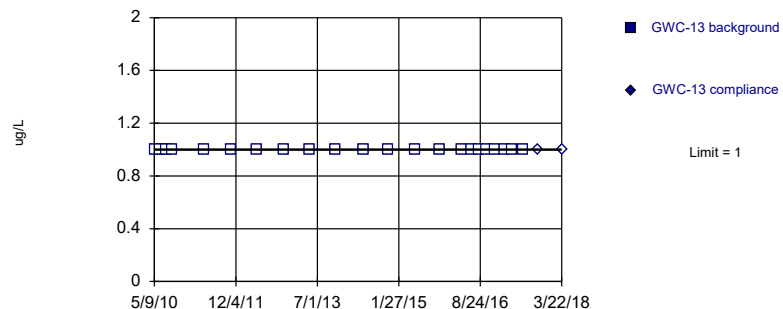
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit

Prediction Limit Intrawell Non-parametric



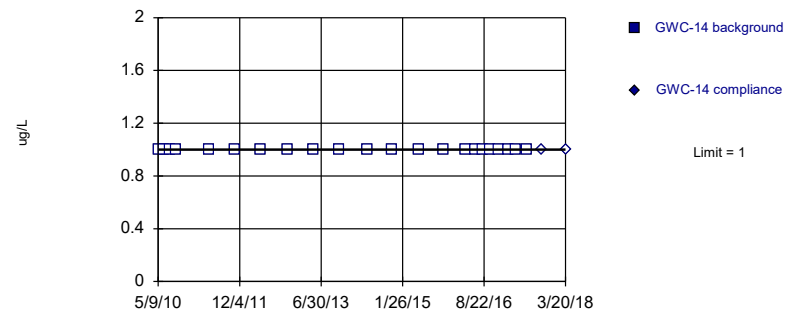
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Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

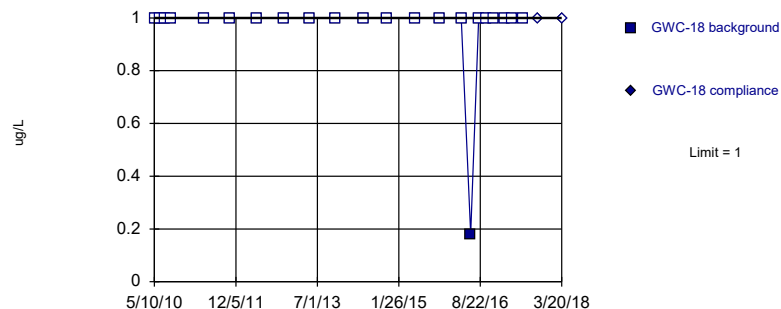


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Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

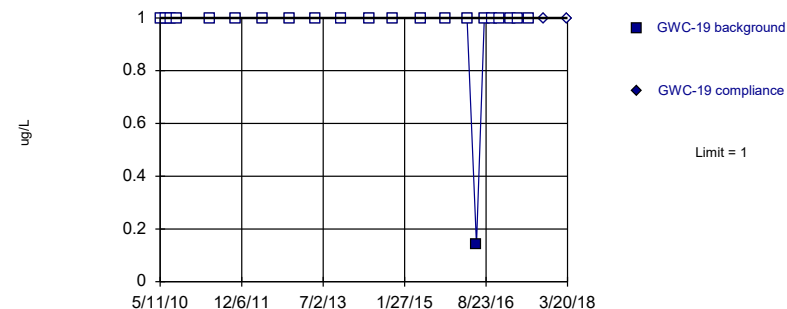


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
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Within Limit

Prediction Limit Intrawell Non-parametric

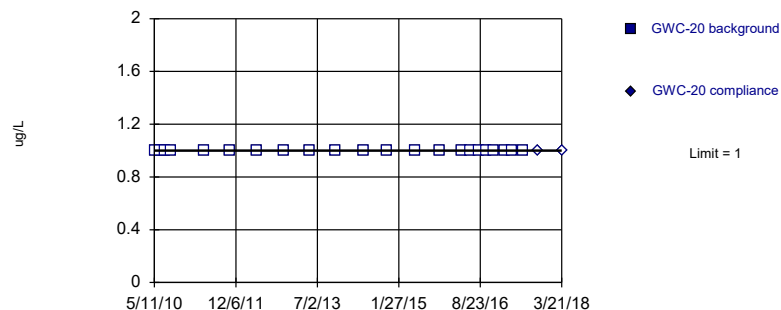


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
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Within Limit

Prediction Limit Intrawell Non-parametric

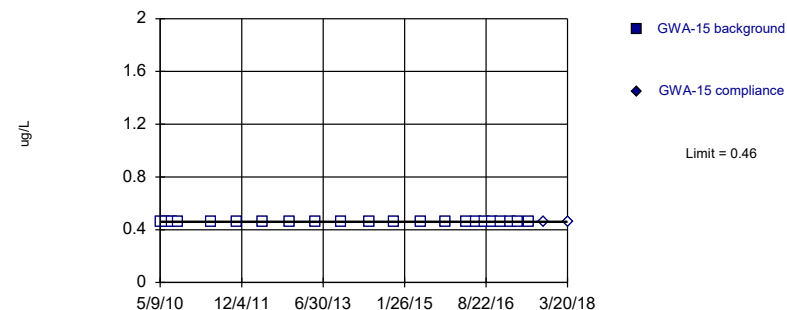


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Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



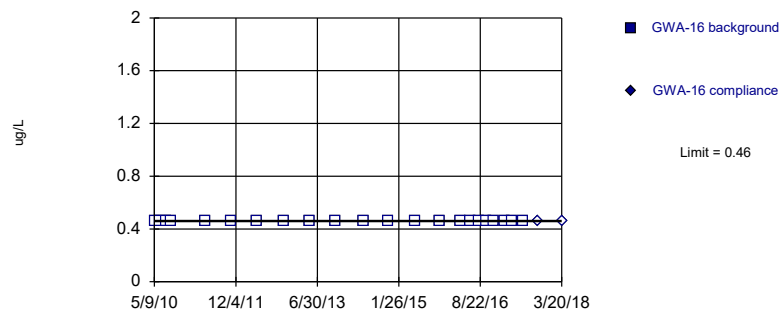
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



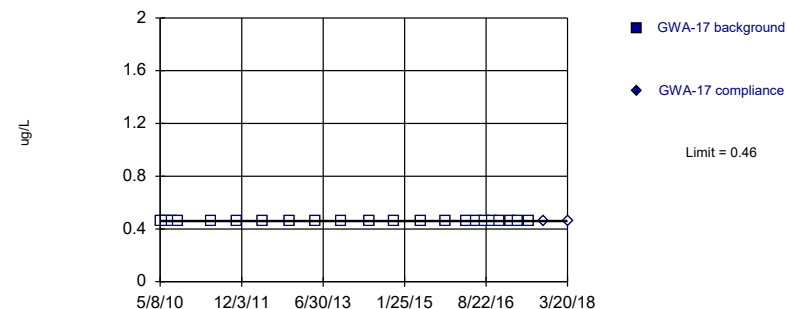
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



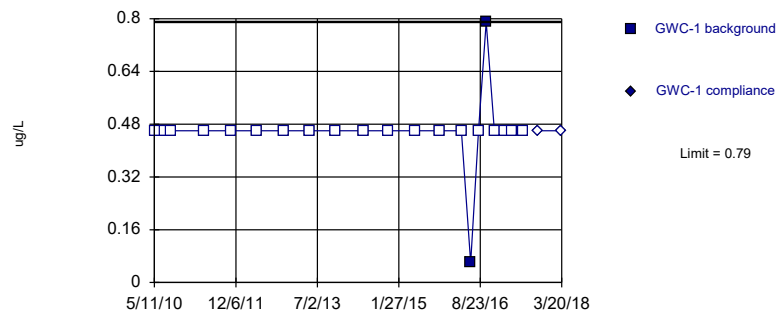
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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



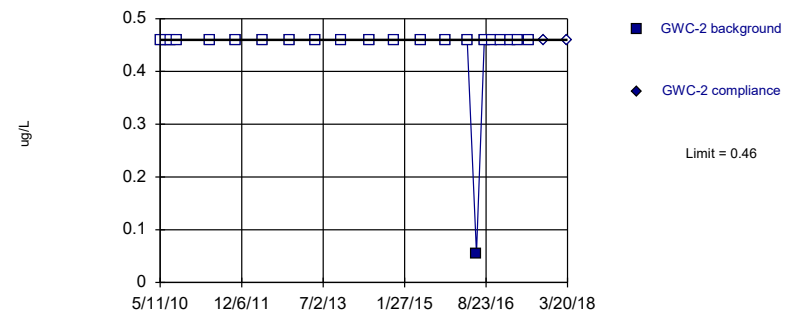
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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

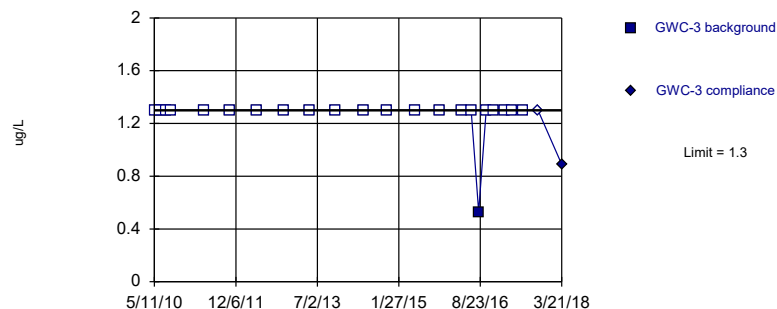


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

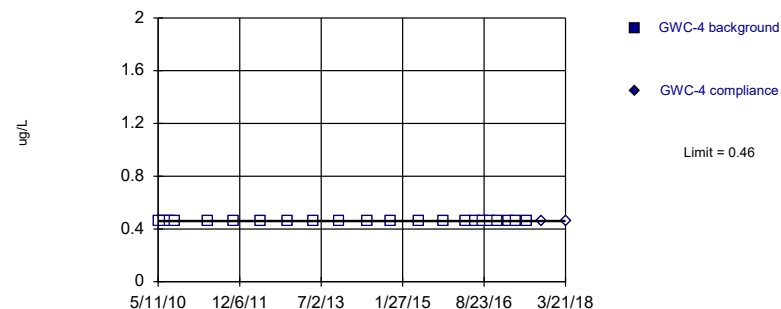


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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

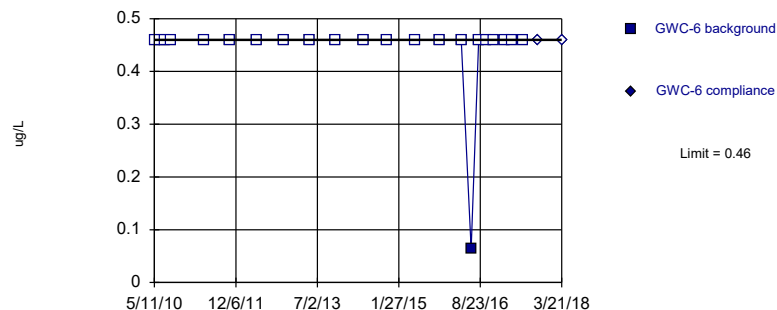


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

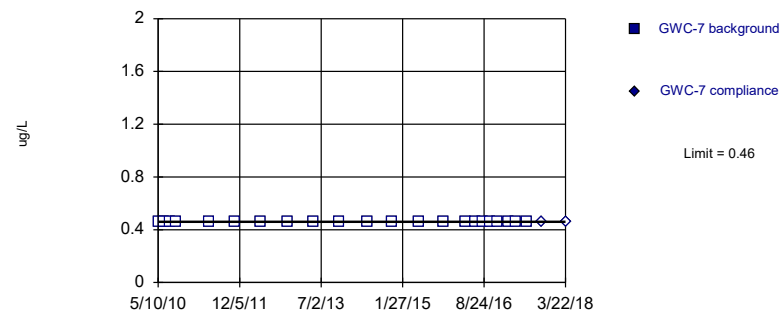


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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



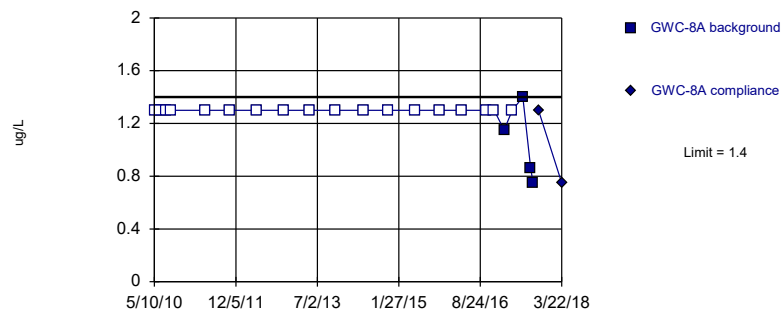
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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



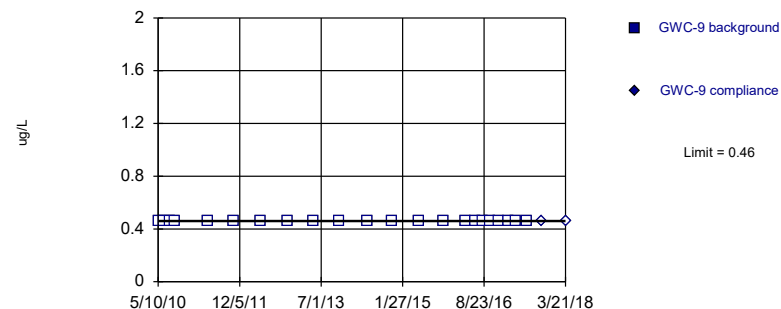
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



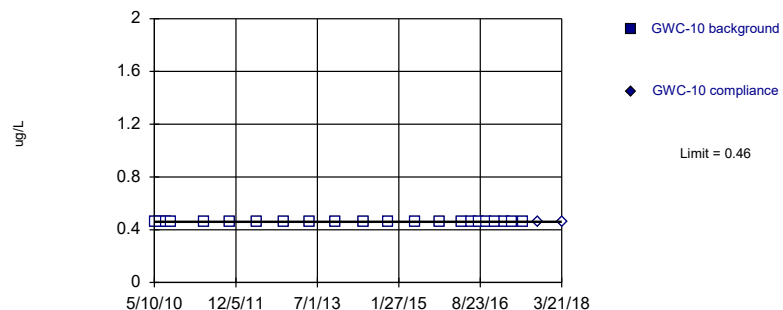
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



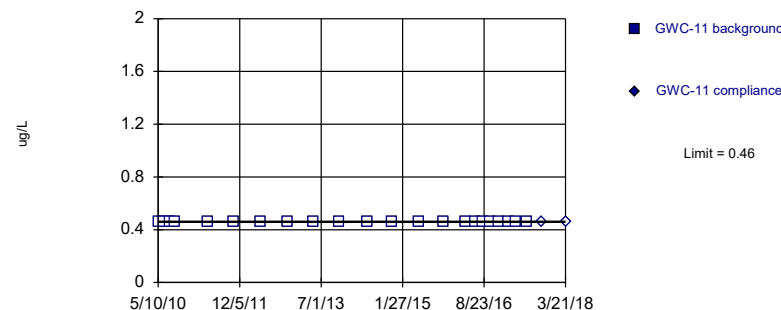
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



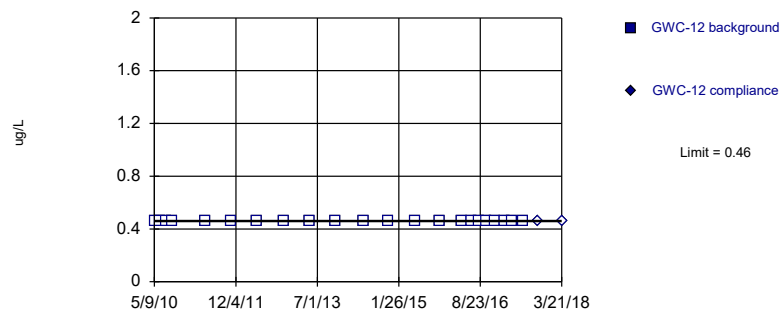
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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



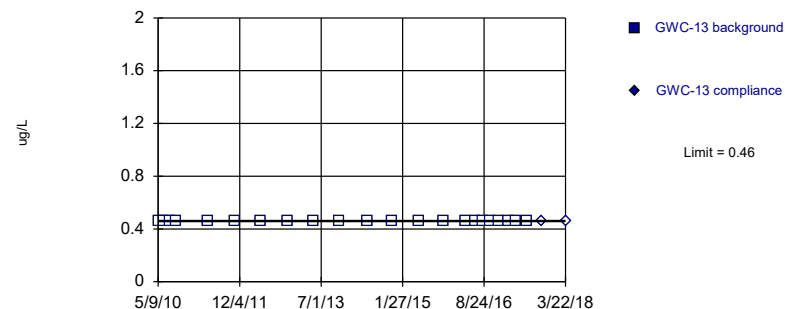
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



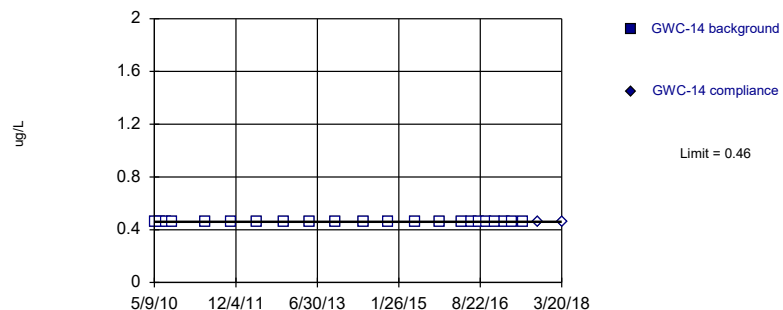
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



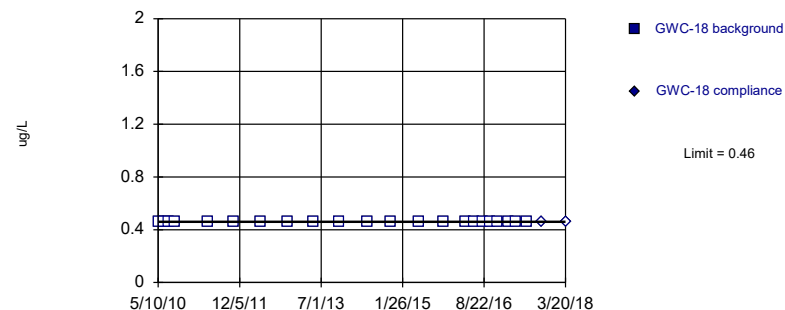
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

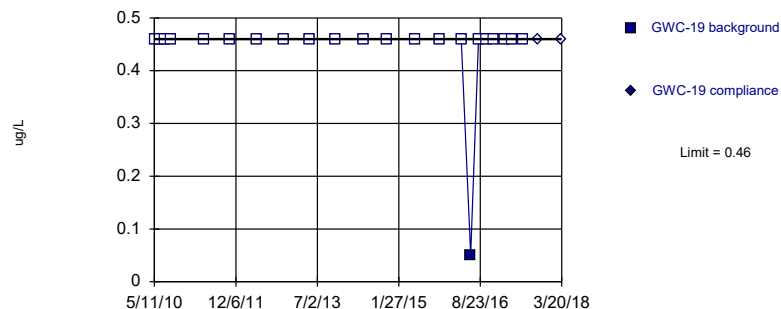


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

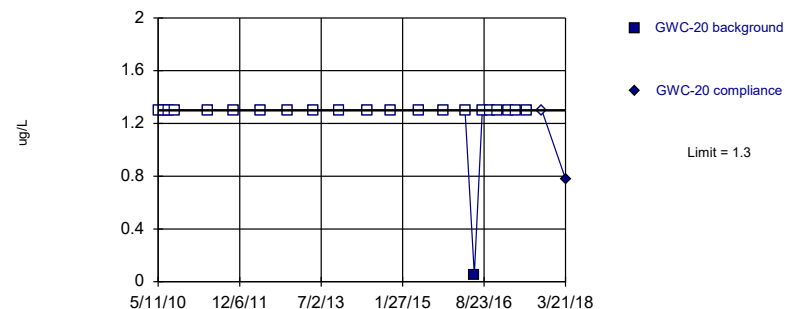


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

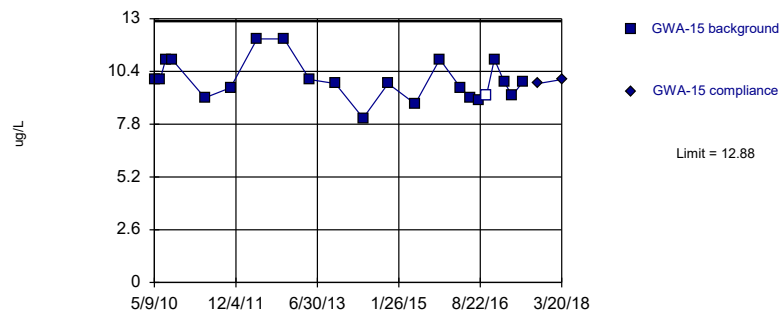


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

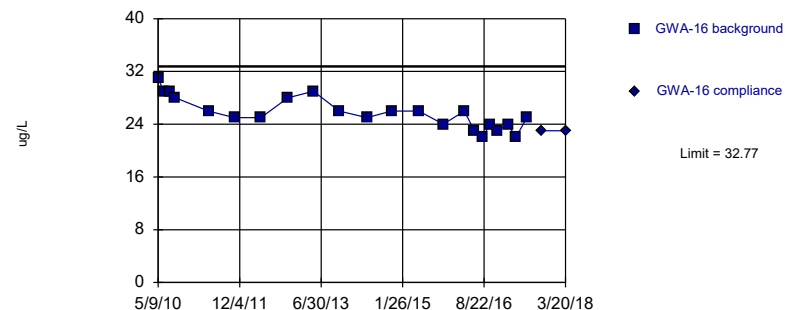


Background Data Summary: Mean=9.959, Std. Dev.=1.008, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



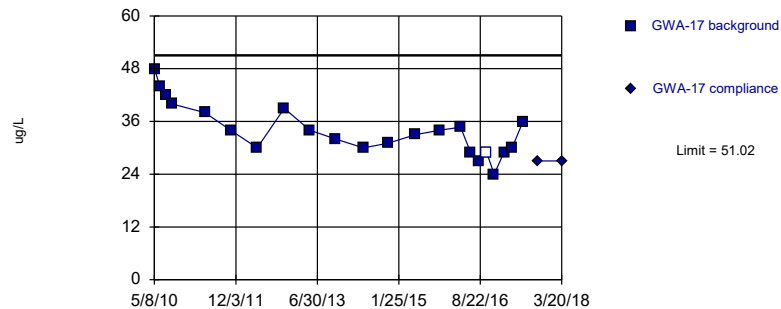
Background Data Summary: Mean=25.73, Std. Dev.=2.434, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



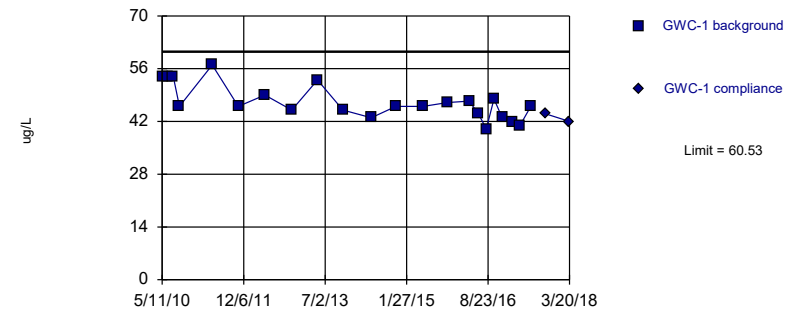
Background Data Summary: Mean=33.99, Std. Dev.=5.886, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



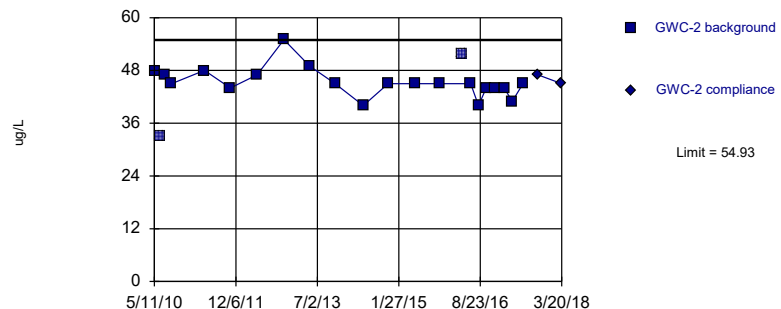
Background Data Summary: Mean=47.11, Std. Dev.=4.639, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9244, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=45.3, Std. Dev.=3.326, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8835, critical = 0.868. Kappa overridden to 2.894.

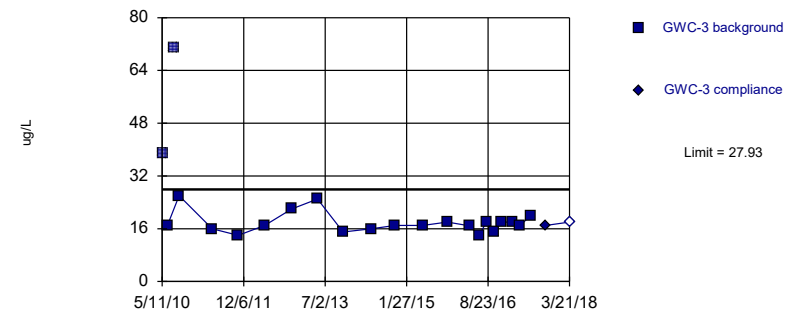
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



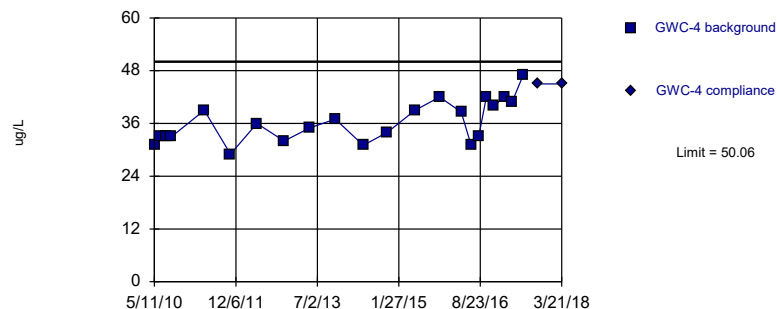
Background Data Summary (based on cube root transformation): Mean=2.605, Std. Dev.=0.1482, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8735, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



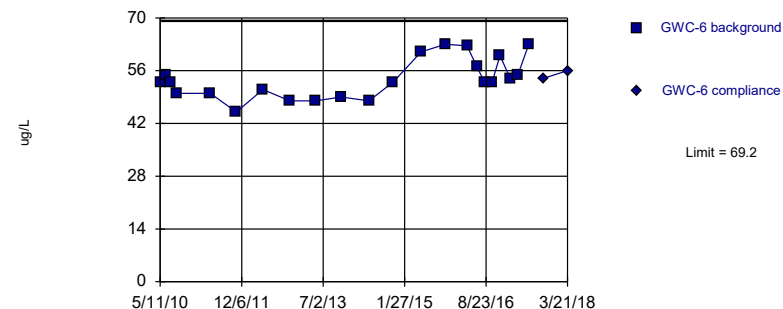
Background Data Summary: Mean=36.3, Std. Dev.=4.755, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



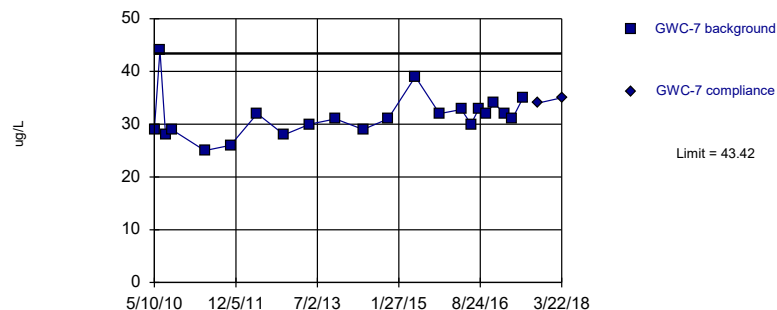
Background Data Summary: Mean=53.85, Std. Dev.=5.307, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9304, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



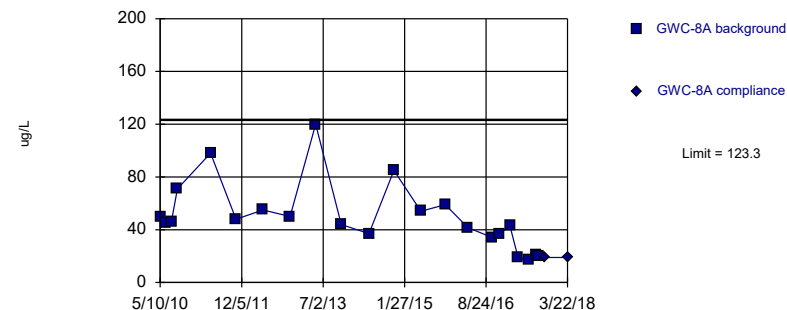
Background Data Summary: Mean=31.49, Std. Dev.=4.123, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8914, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=49.75, Std. Dev.=25.43, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8892, critical = 0.878. Kappa overridden to 2.894.

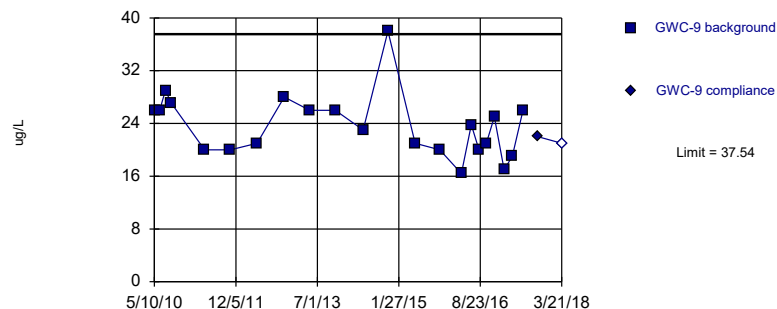
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=23.6, Std. Dev.=4.817, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9073, critical = 0.878. Kappa overridden to 2.894.

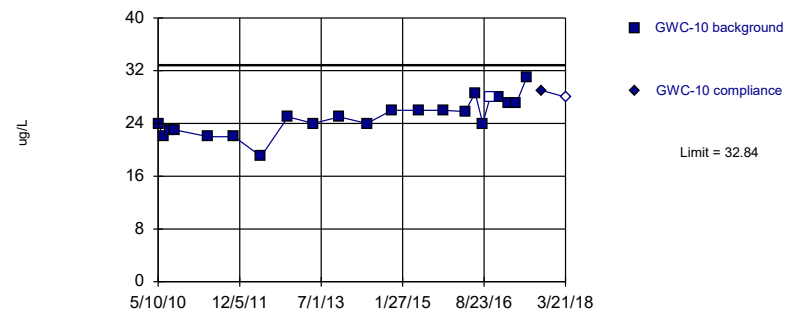
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=25.02, Std. Dev.=2.704, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9835, critical = 0.878. Kappa overridden to 2.894.

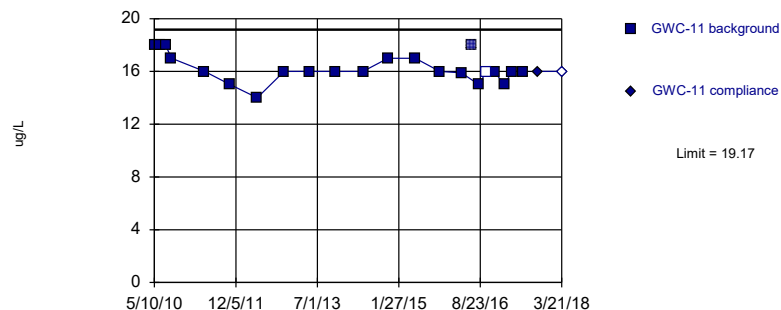
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=16.19, Std. Dev.=1.032, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8852, critical = 0.873. Kappa overridden to 2.894.

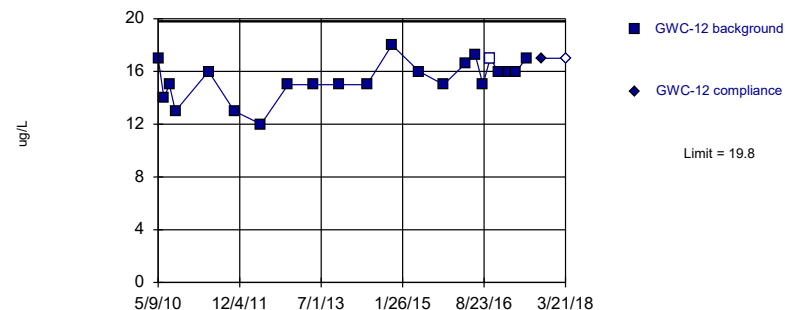
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



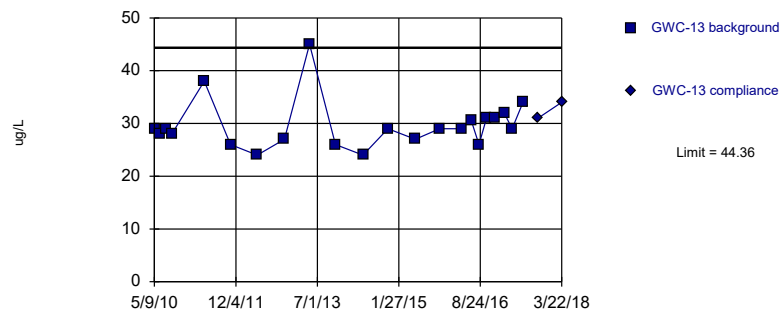
Background Data Summary: Mean=15.45, Std. Dev.=1.502, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9404, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=3.378, Std. Dev.=0.1432, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8855, critical = 0.878. Kappa overridden to 2.894.

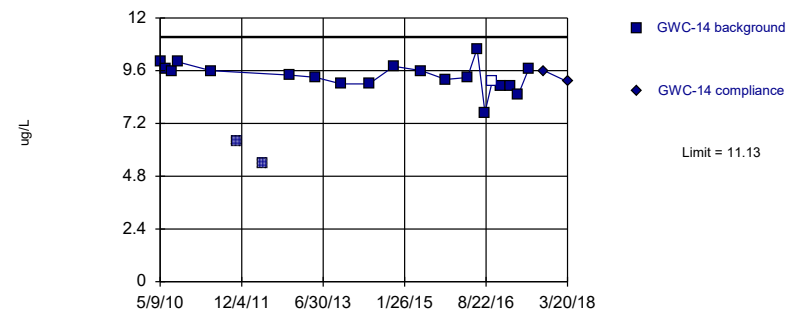
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=9.345, Std. Dev.=0.6169, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9561, critical = 0.868. Kappa overridden to 2.894.

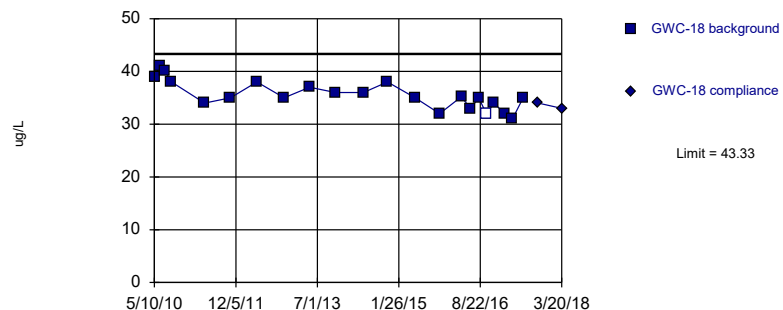
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=35.51, Std. Dev.=2.702, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9634, critical = 0.878. Kappa overridden to 2.894.

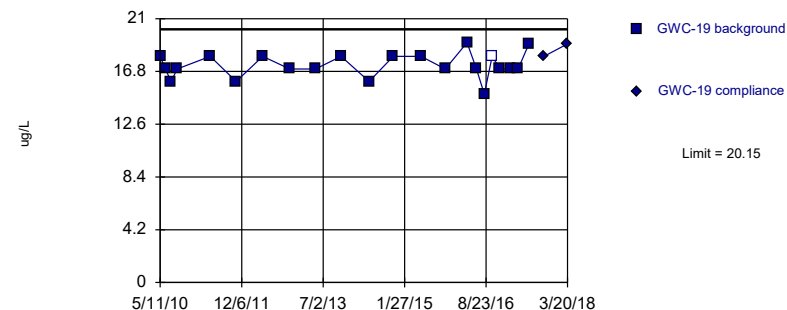
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.28, Std. Dev.=0.9933, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9152, critical = 0.878. Kappa overridden to 2.894.

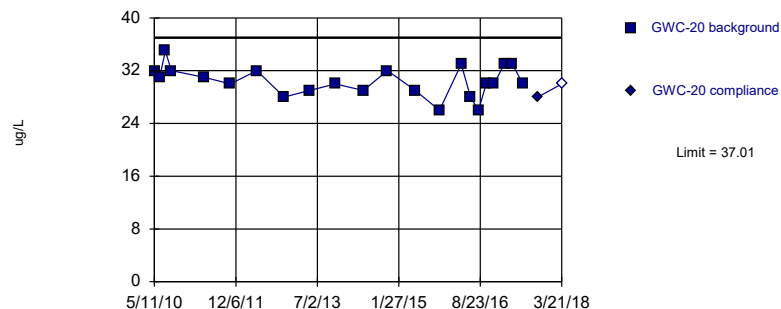
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=30.41, Std. Dev.=2.282, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.878. Kappa overridden to 2.894.

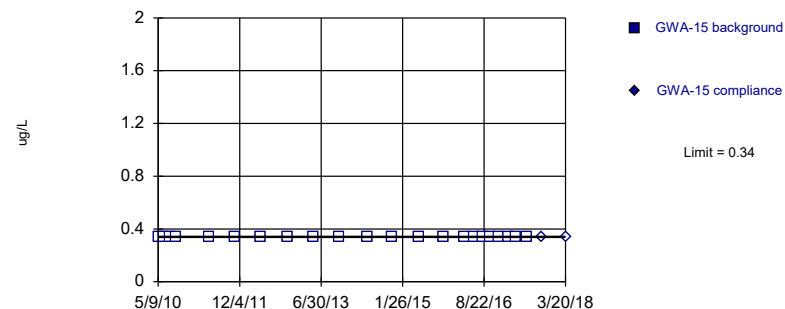
Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

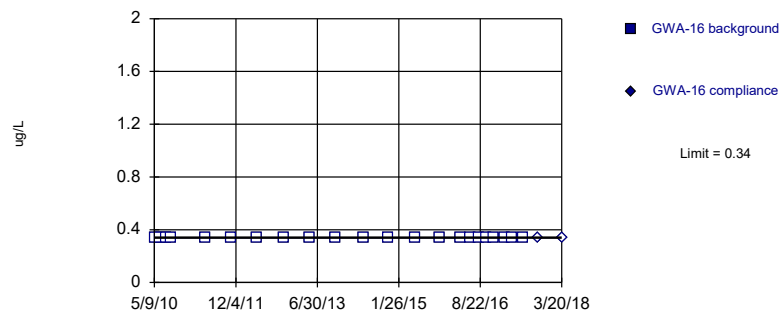
Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

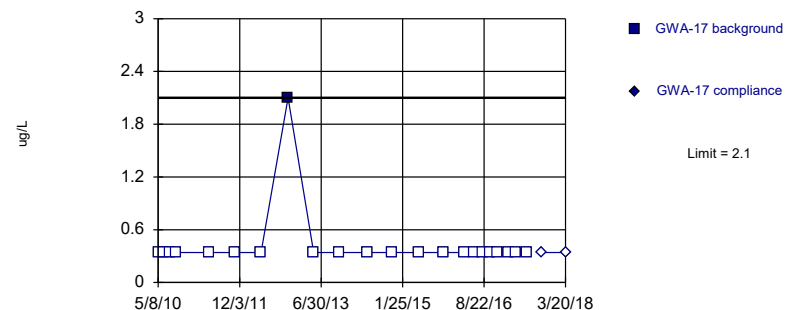
Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



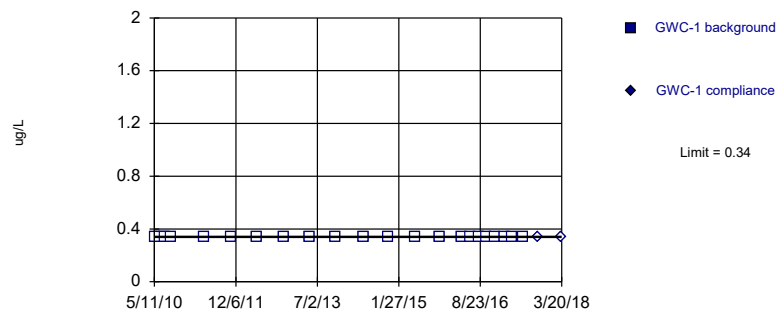
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



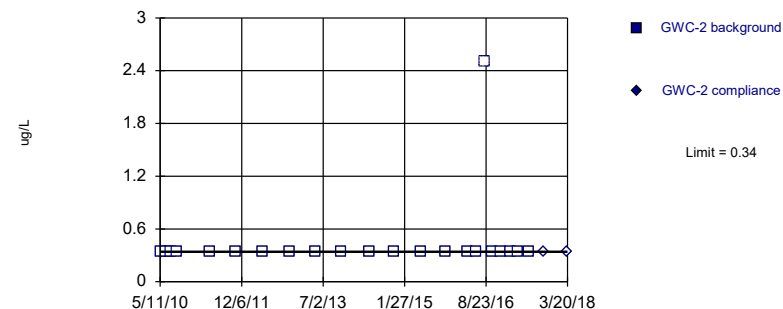
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



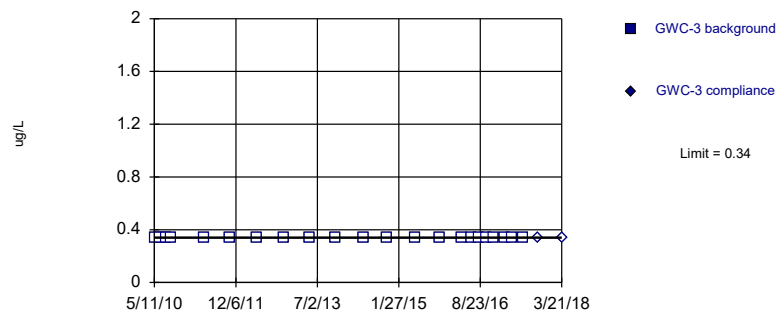
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



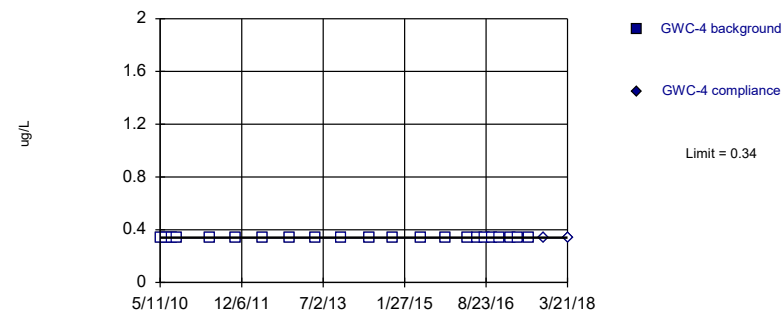
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

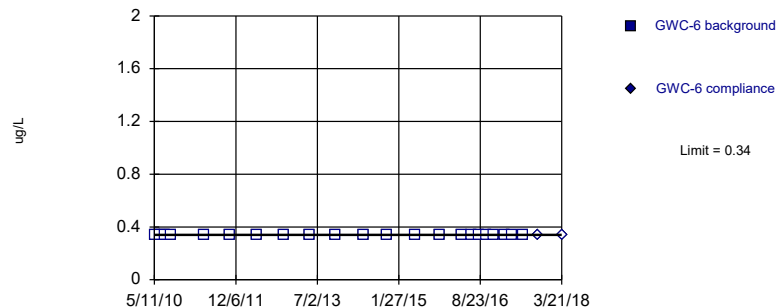


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

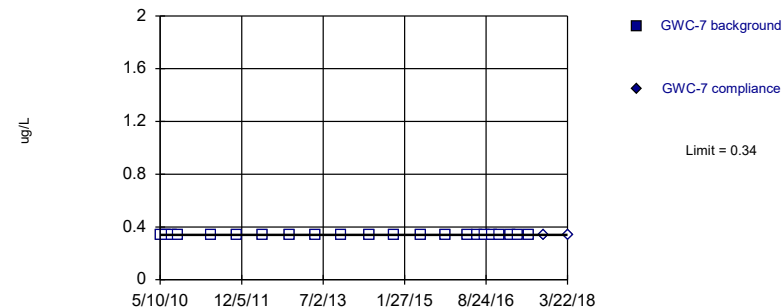


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

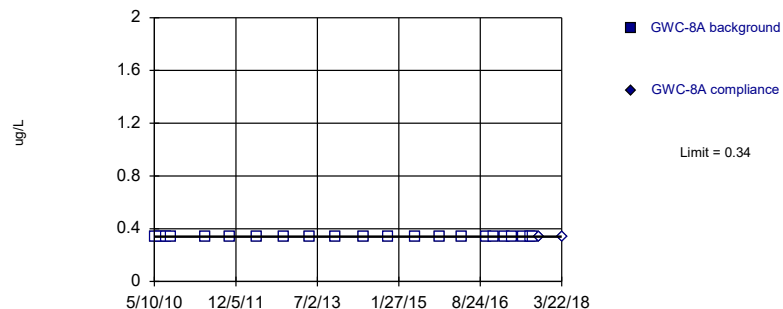


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

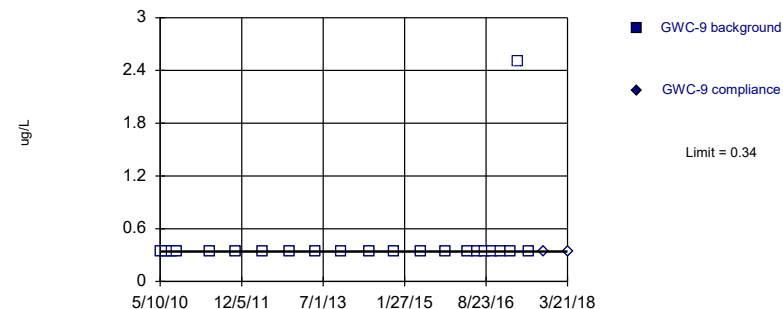


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

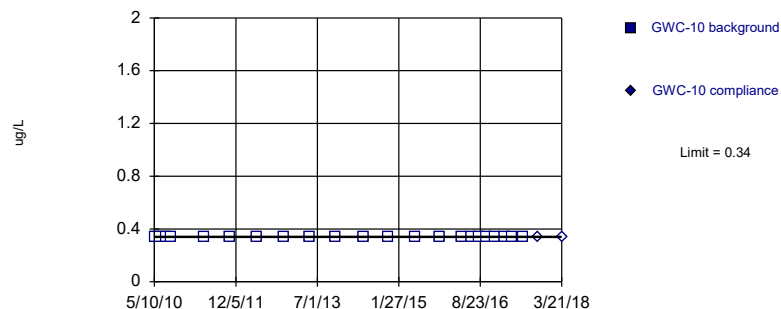


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

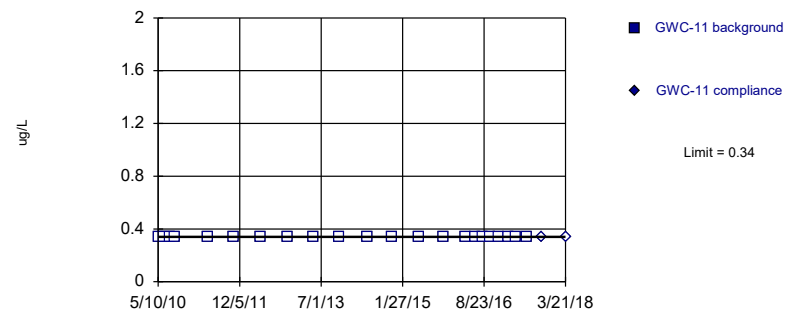


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

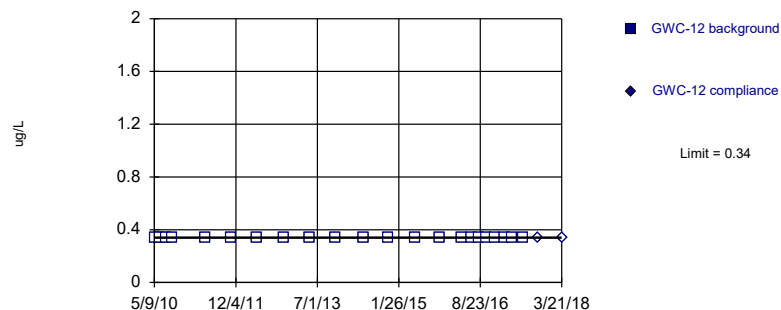


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

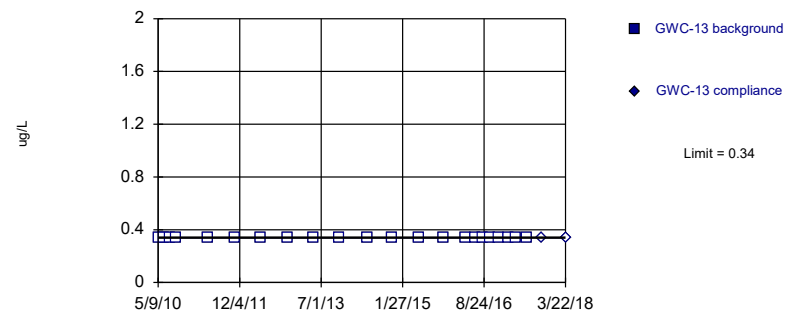


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



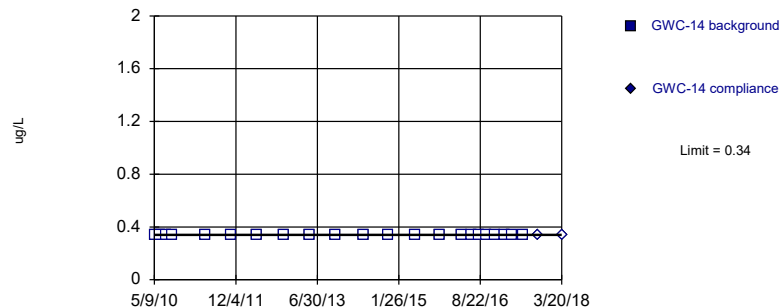
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Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



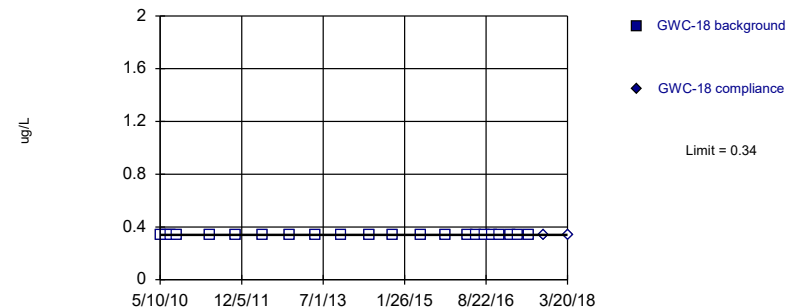
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



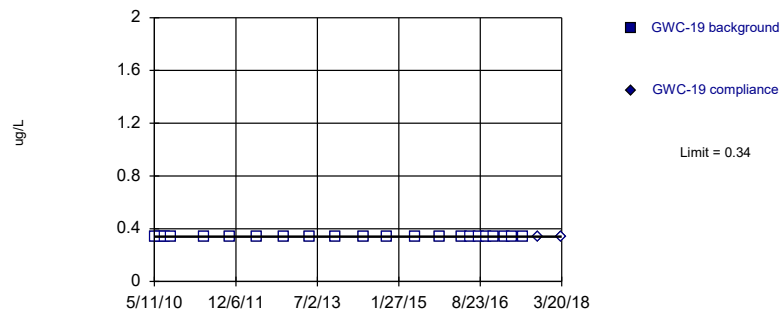
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Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



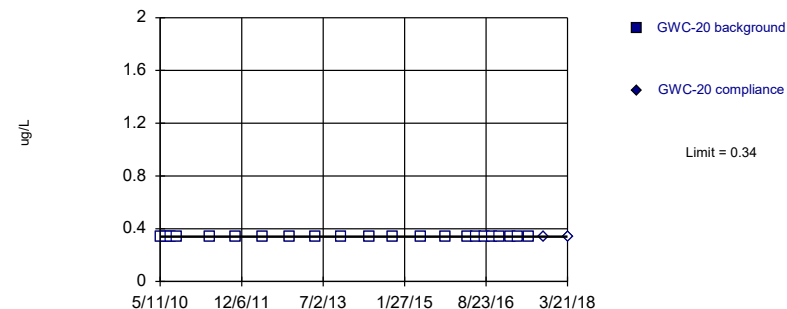
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Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

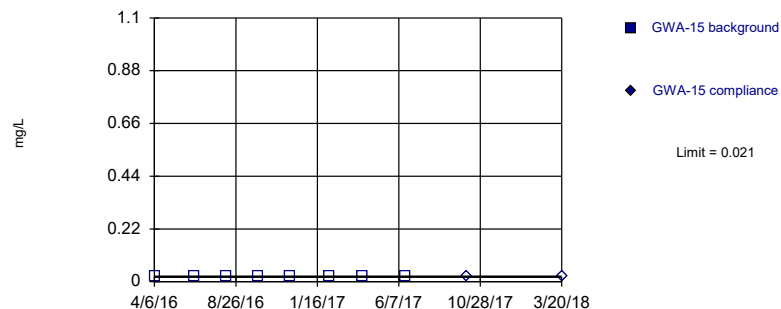


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

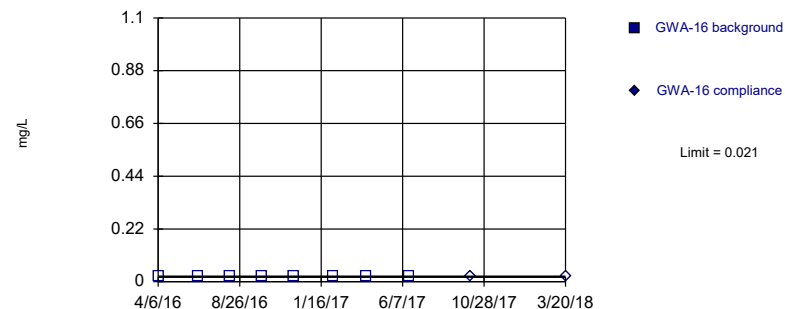


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

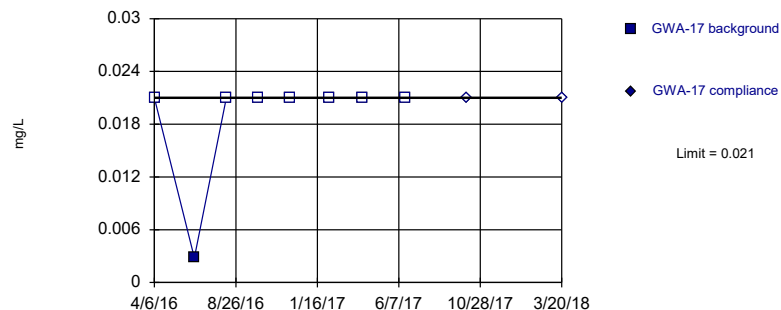


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

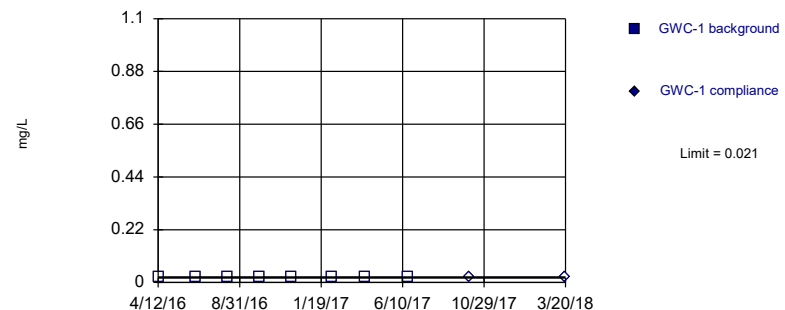


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

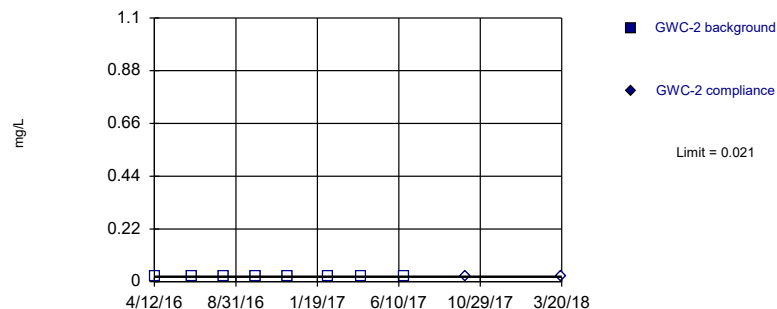


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

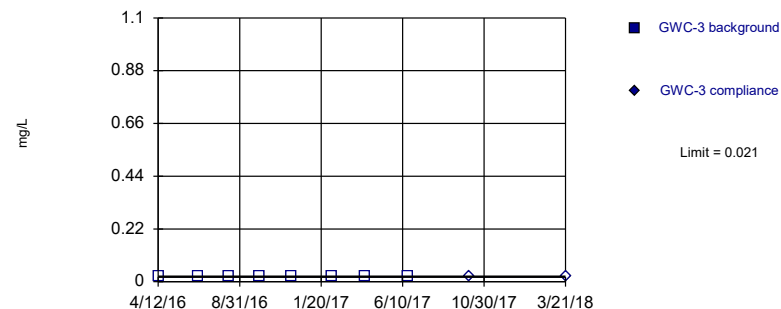


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

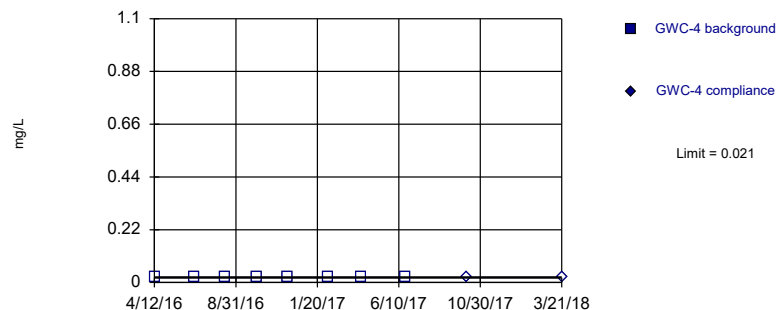


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

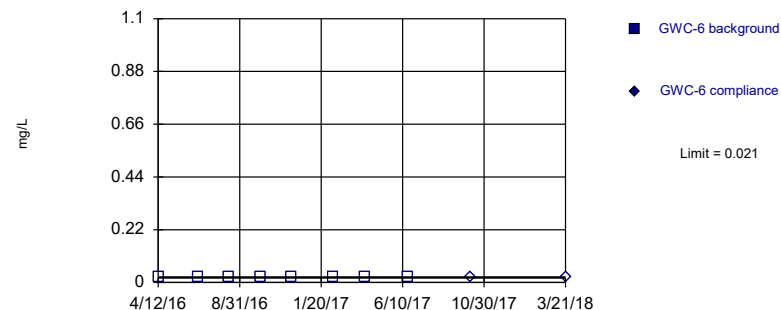


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

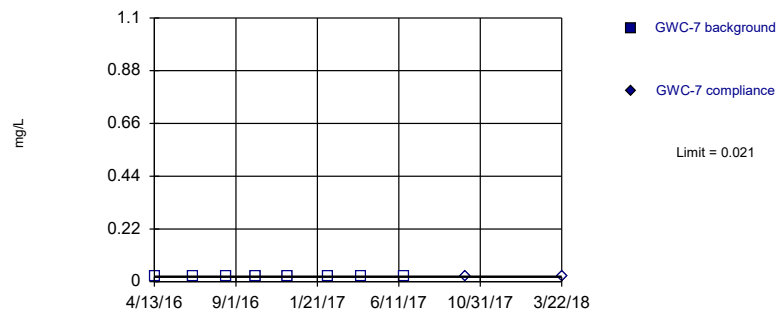


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

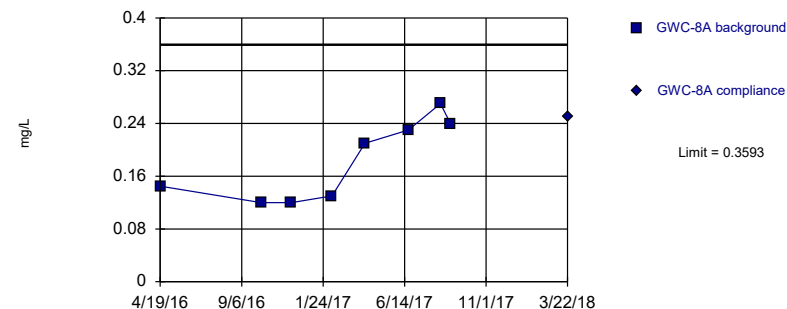


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

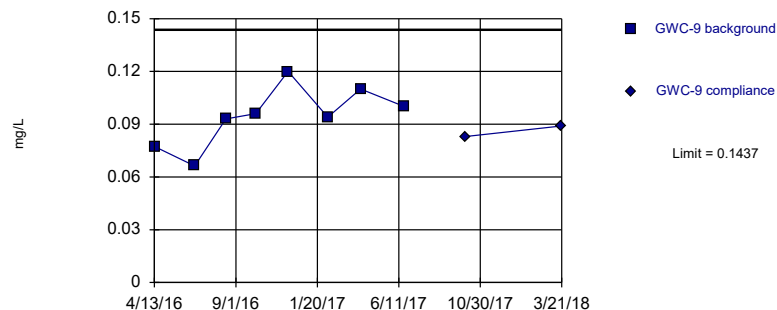


Background Data Summary: Mean=0.1831, Std. Dev.=0.06088, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

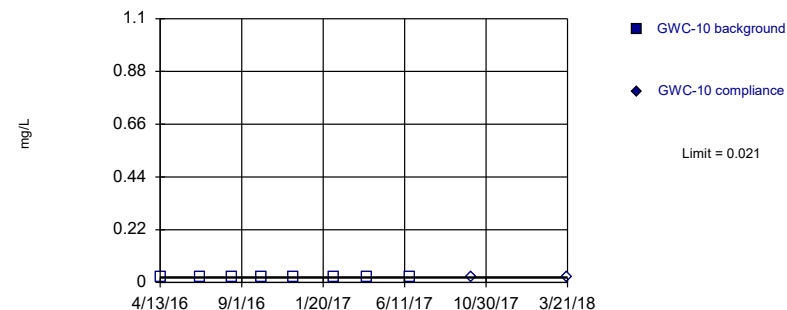


Background Data Summary: Mean=0.09459, Std. Dev.=0.01696, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9681, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

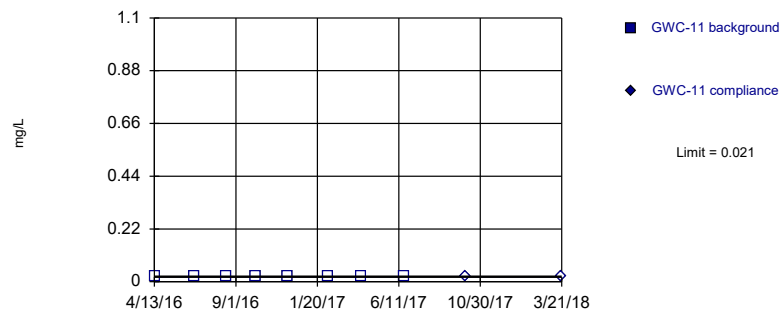


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

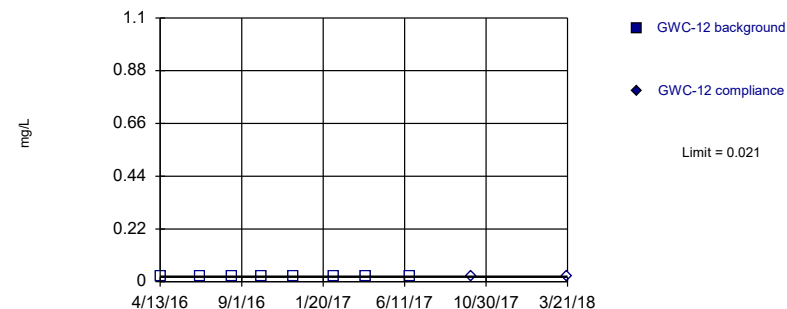


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

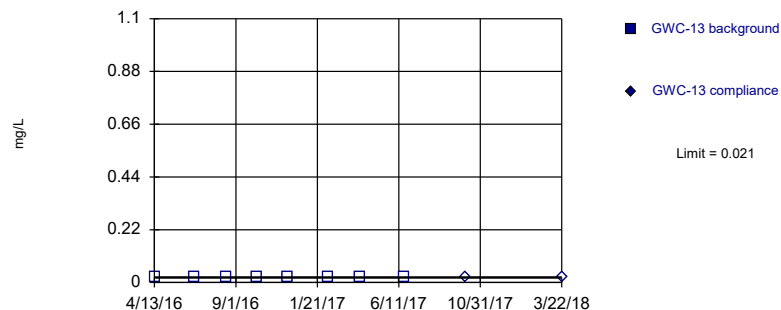


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

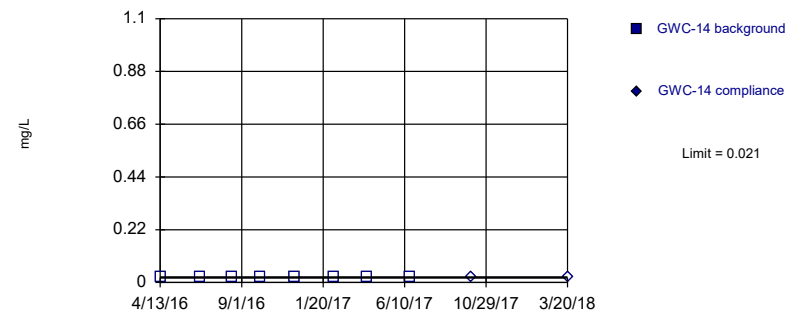


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

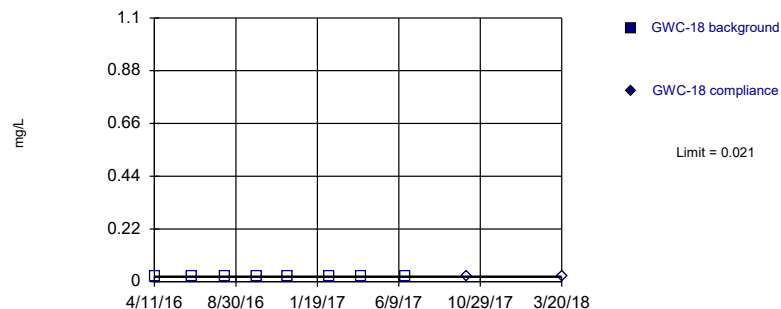


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

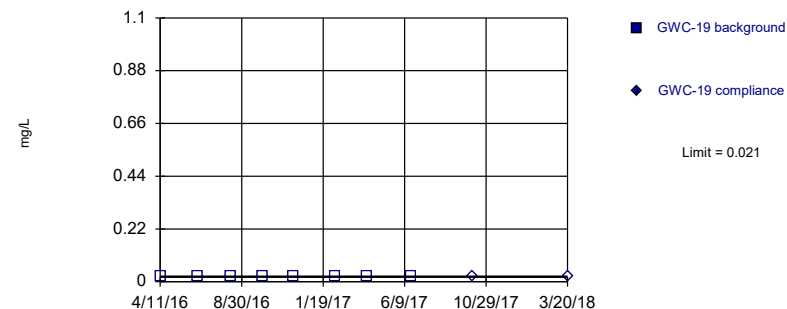


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Constituent: Boron Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

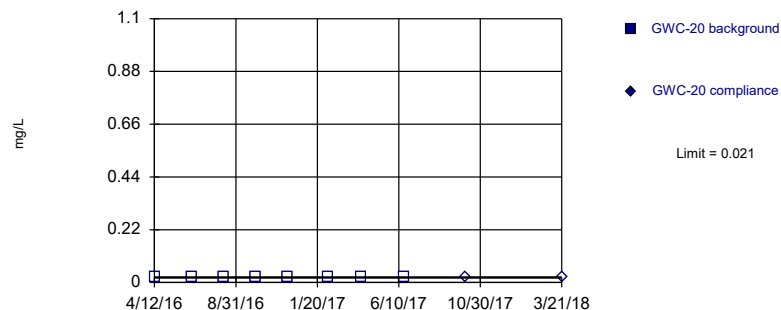


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Constituent: Boron Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

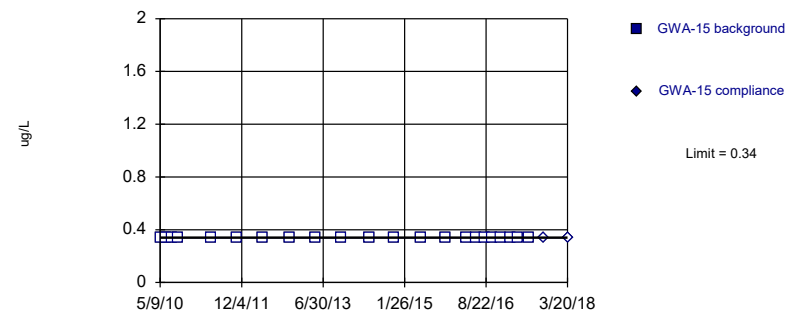


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Constituent: Boron Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



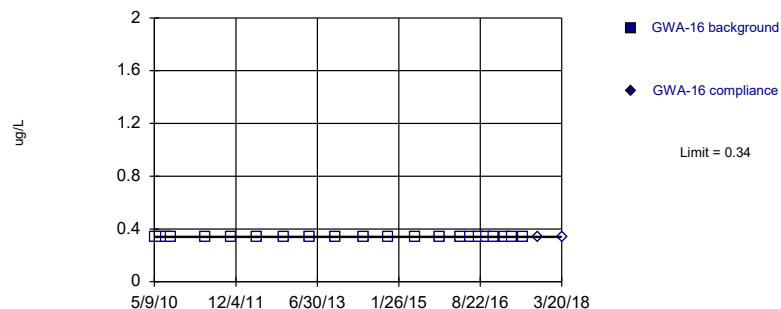
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



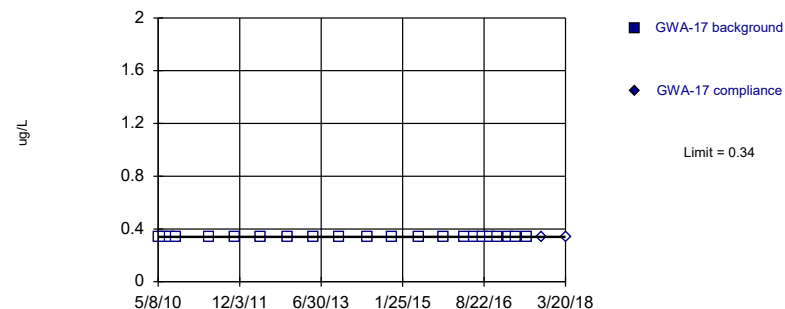
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



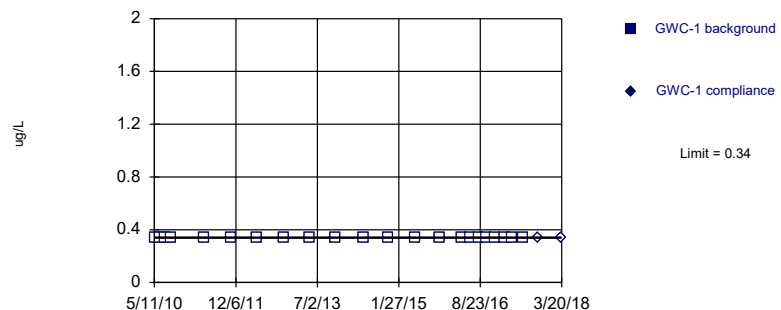
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Within Limit

Prediction Limit Intrawell Non-parametric



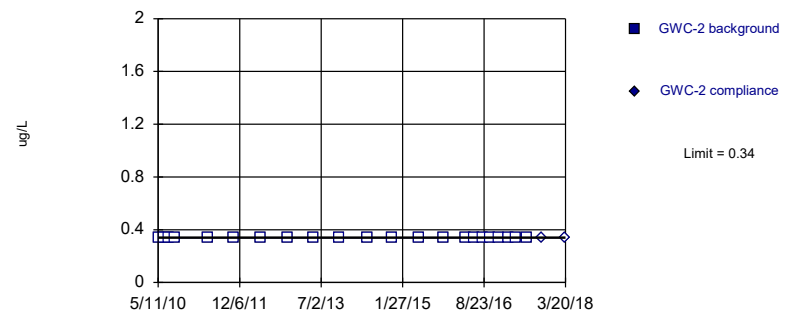
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit Intrawell Non-parametric



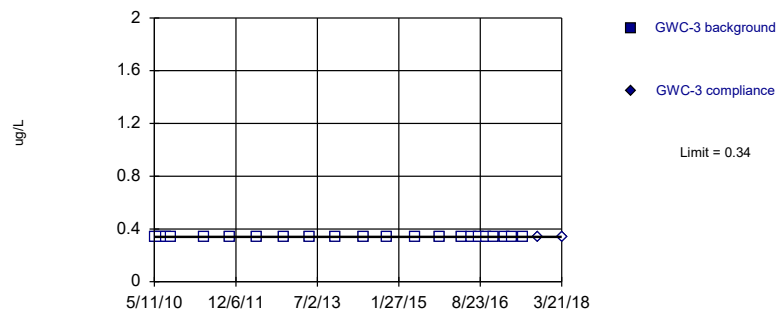
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit

Prediction Limit Intrawell Non-parametric



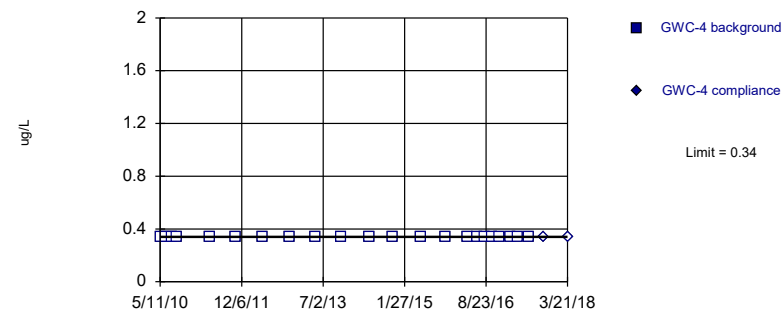
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



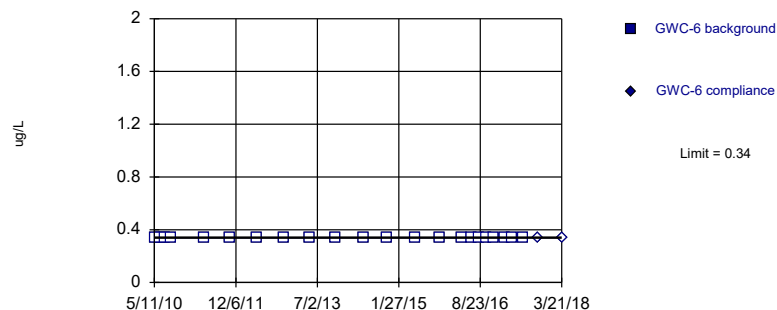
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



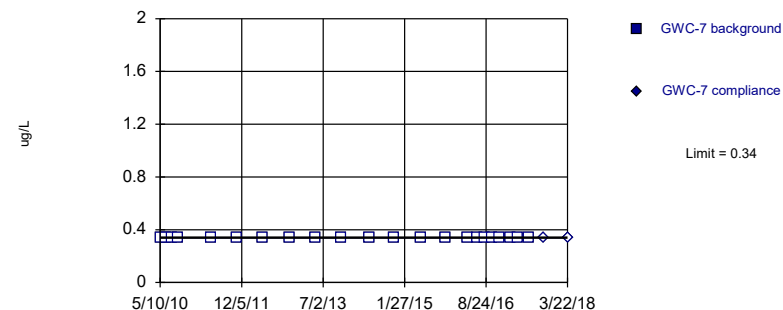
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



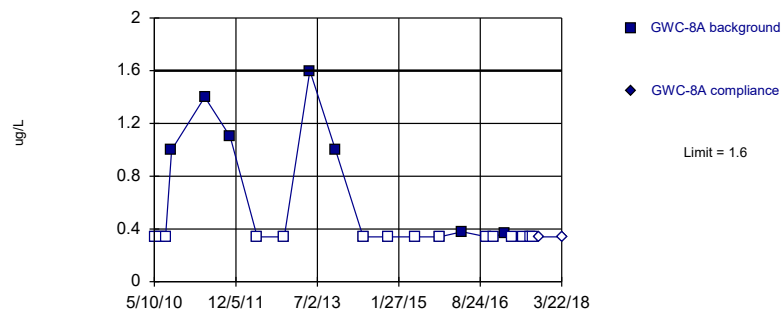
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



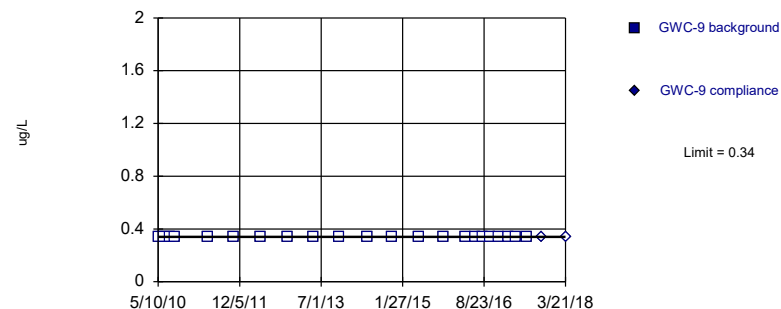
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



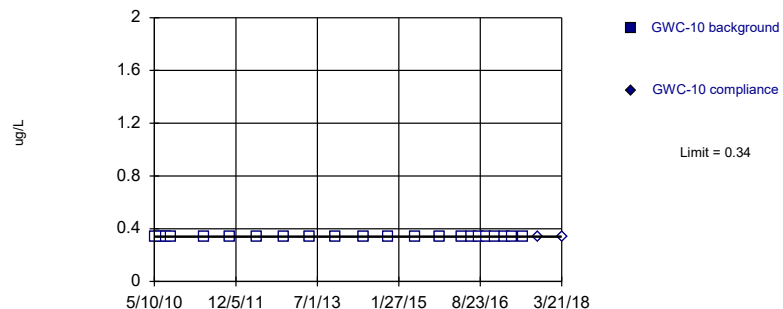
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



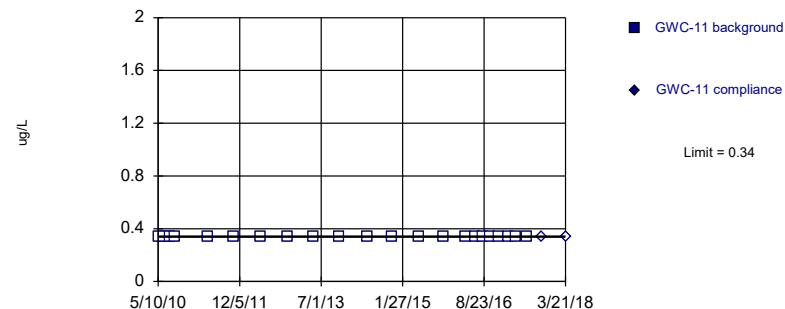
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



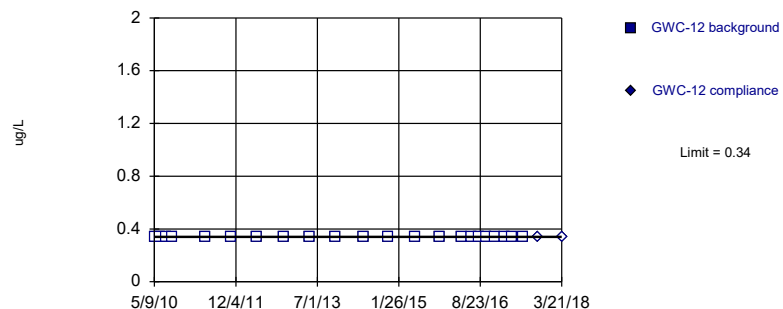
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



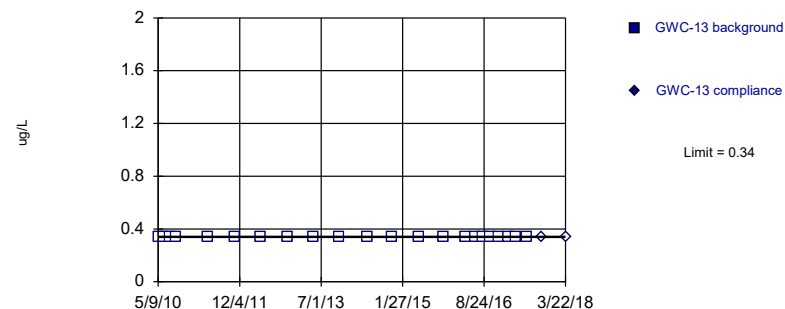
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



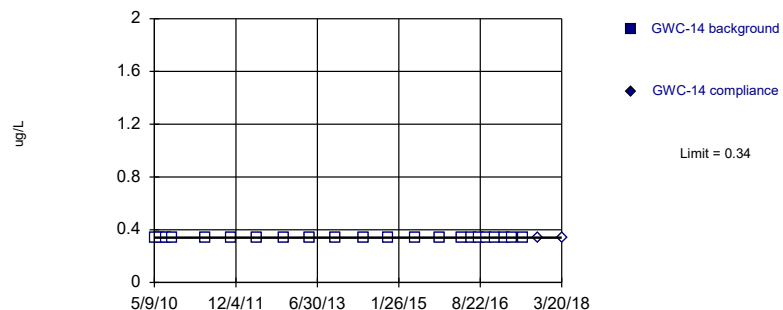
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



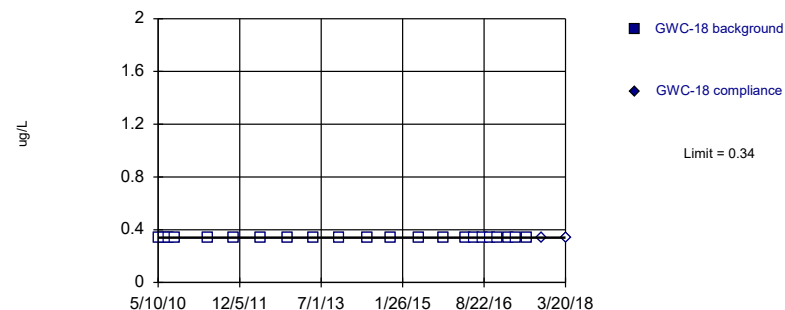
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

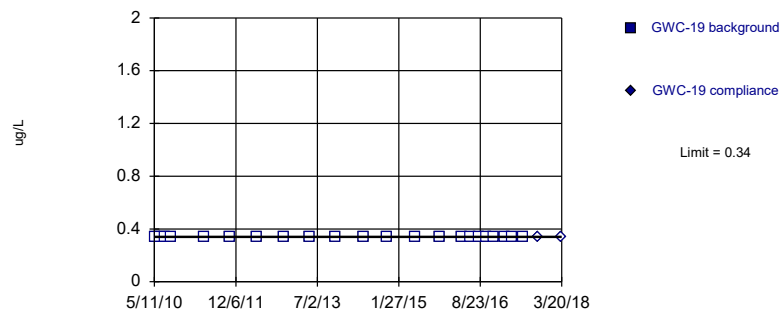
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

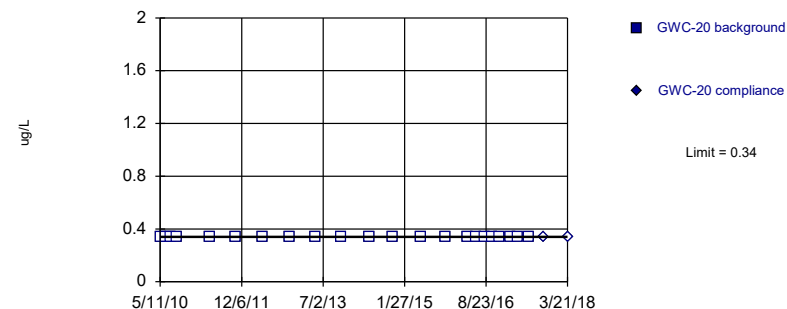
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

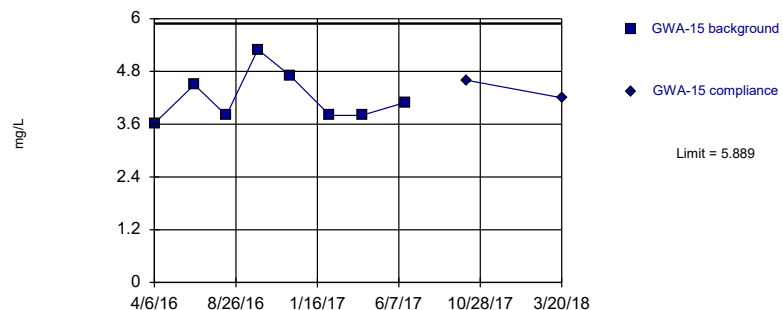
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

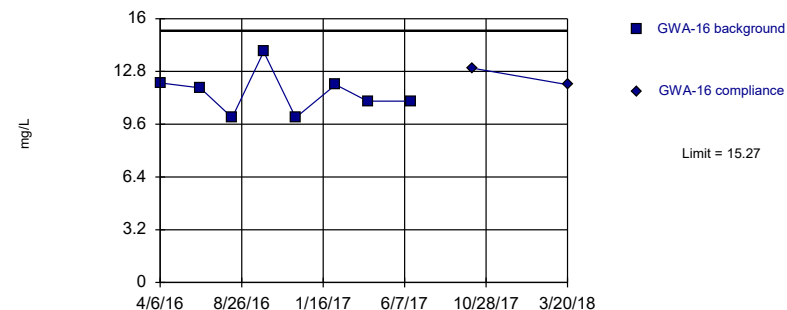
Intrawell Parametric



Background Data Summary: Mean=4.203, Std. Dev.=0.5826, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.873, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Intrawell Parametric



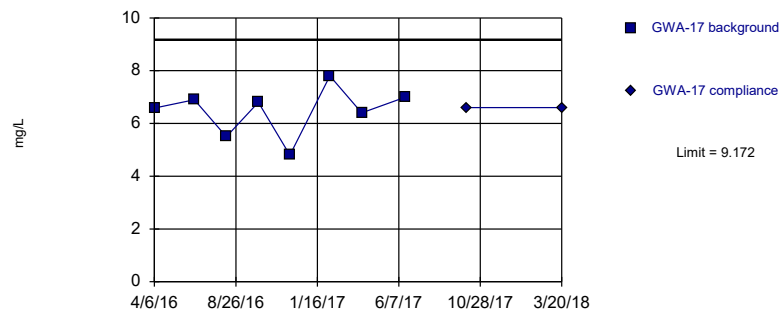
Background Data Summary: Mean=11.49, Std. Dev.=1.307, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



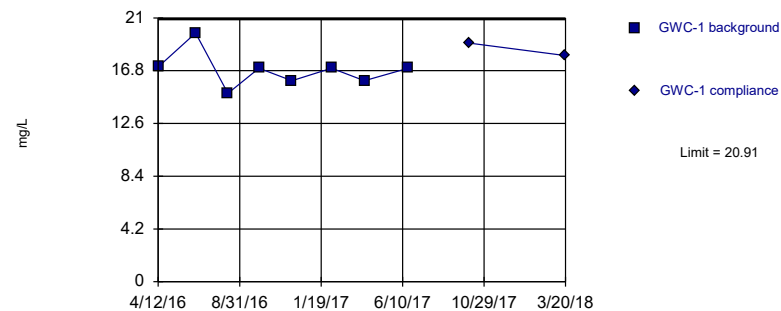
Background Data Summary: Mean=6.473, Std. Dev.=0.9328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



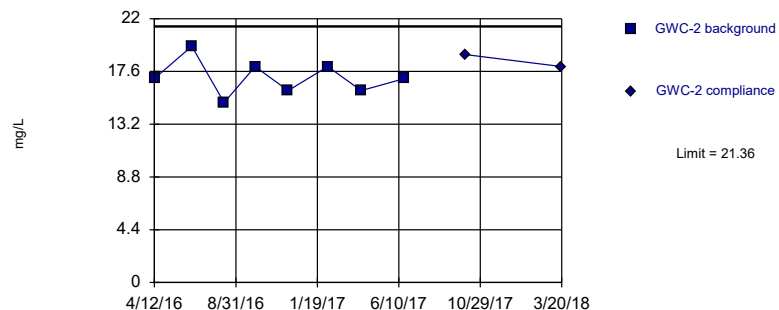
Background Data Summary: Mean=16.86, Std. Dev.=1.399, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8575, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



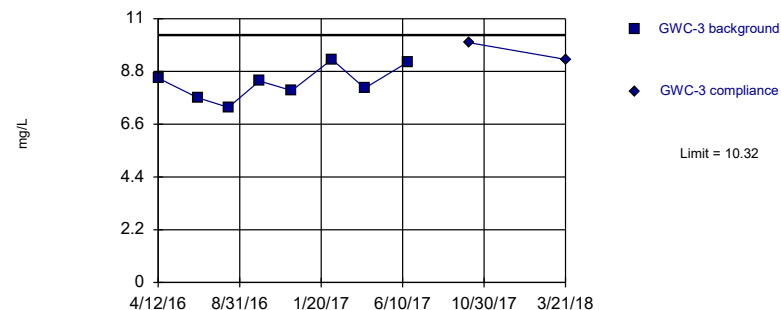
Background Data Summary: Mean=17.09, Std. Dev.=1.475, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



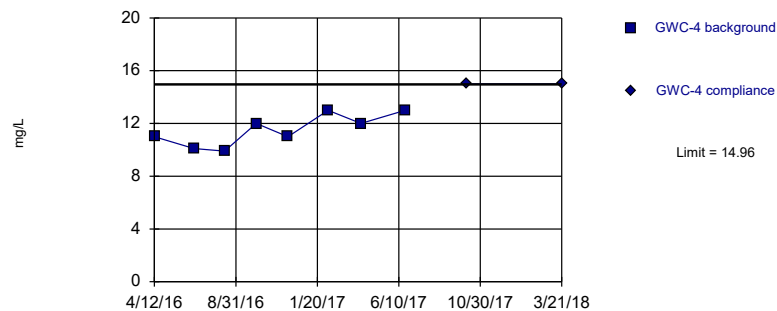
Background Data Summary: Mean=8.315, Std. Dev.=0.6925, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9572, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



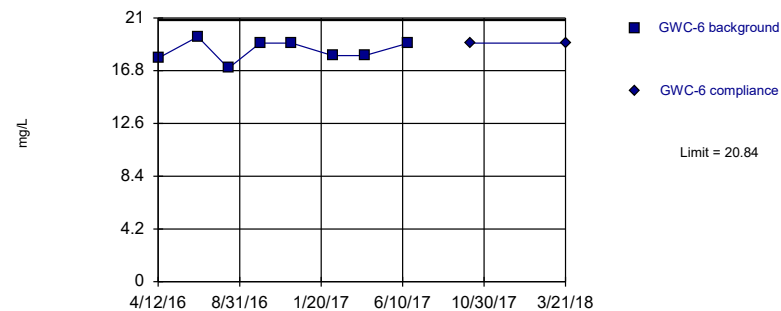
Background Data Summary: Mean=11.5, Std. Dev.=1.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9127, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



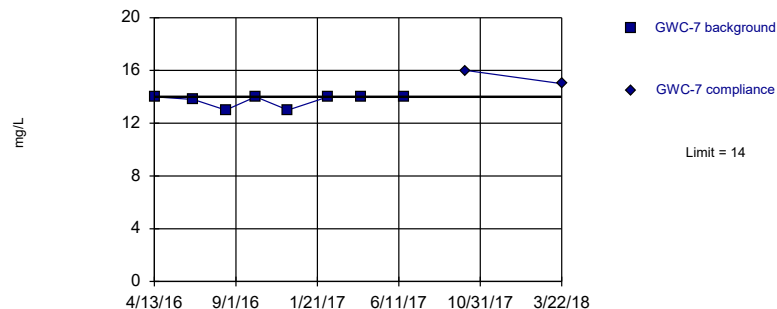
Background Data Summary: Mean=18.41, Std. Dev.=0.8391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



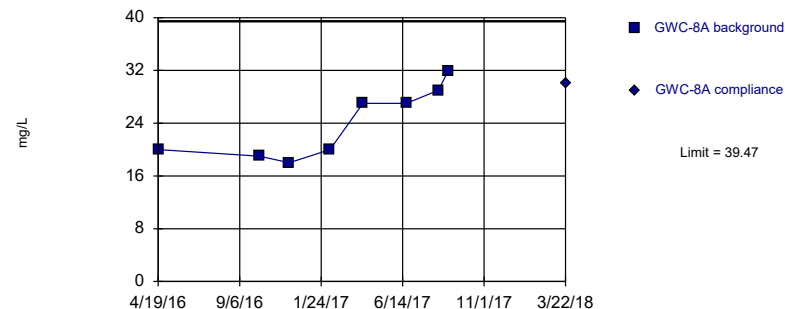
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



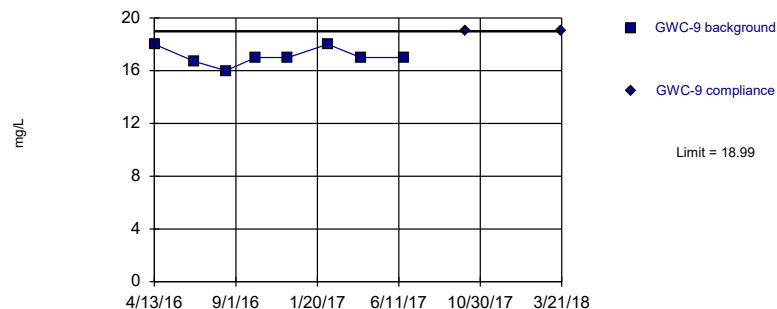
Background Data Summary: Mean=24, Std. Dev.=5.345, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8778, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



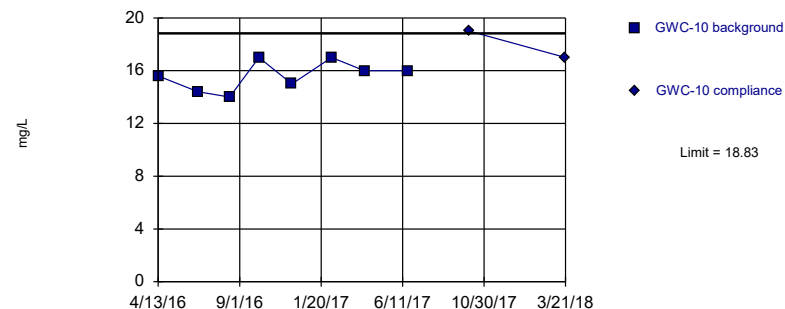
Background Data Summary: Mean=17.09, Std. Dev.=0.6578, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8683, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



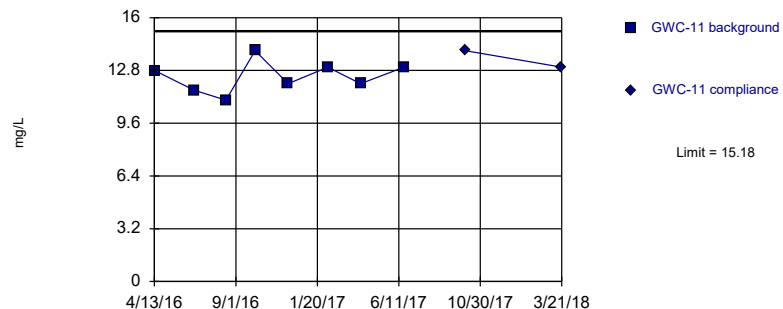
Background Data Summary: Mean=15.63, Std. Dev.=1.108, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9351, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



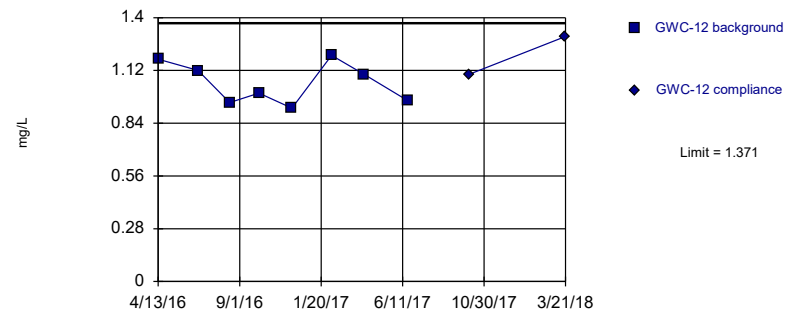
Background Data Summary: Mean=12.43, Std. Dev.=0.9528, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



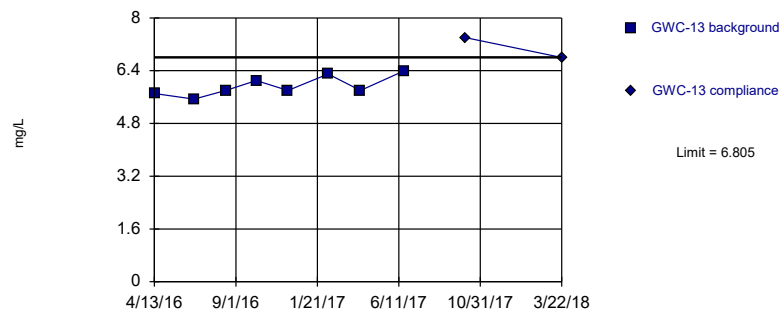
Background Data Summary: Mean=1.054, Std. Dev.=0.1097, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.903, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

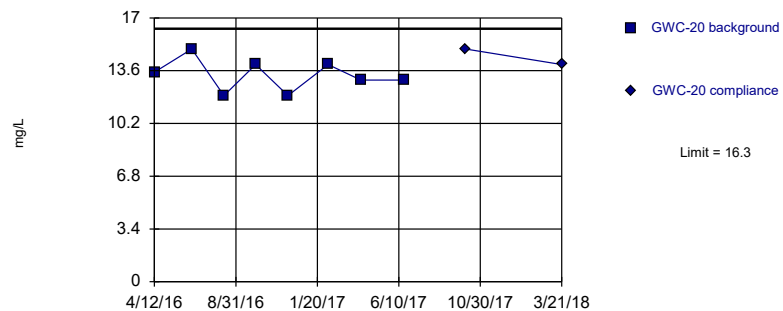
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



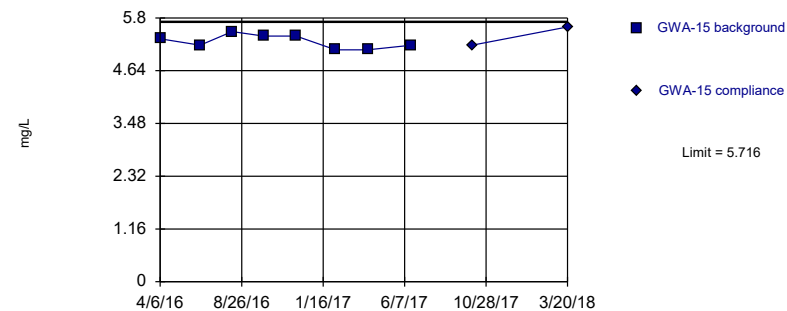
Background Data Summary: Mean=13.31, Std. Dev.=1.033, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9408, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



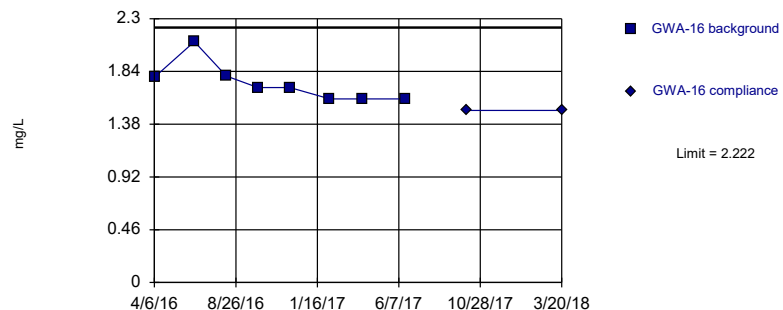
Background Data Summary: Mean=5.28, Std. Dev.=0.1505, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9094, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



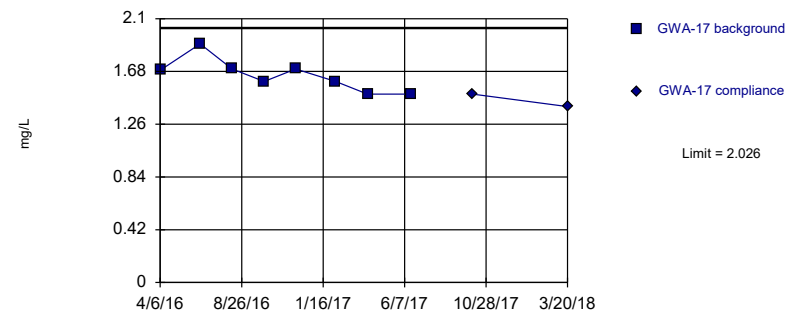
Background Data Summary: Mean=1.736, Std. Dev.=0.168, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8054, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



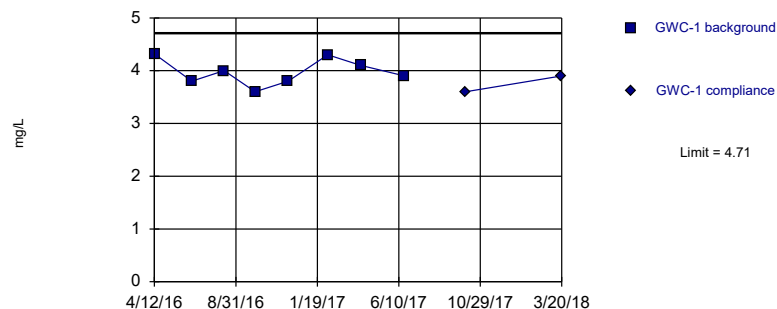
Background Data Summary: Mean=1.649, Std. Dev.=0.1304, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



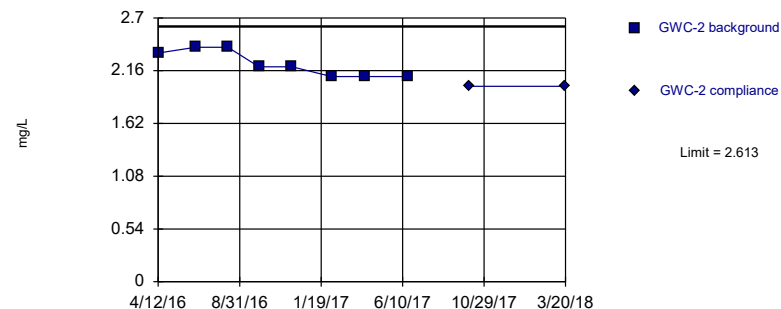
Background Data Summary: Mean=3.978, Std. Dev.=0.2531, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



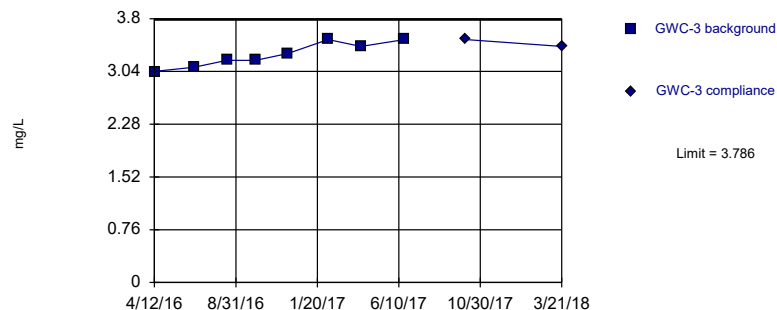
Background Data Summary: Mean=2.23, Std. Dev.=0.1322, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8278, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



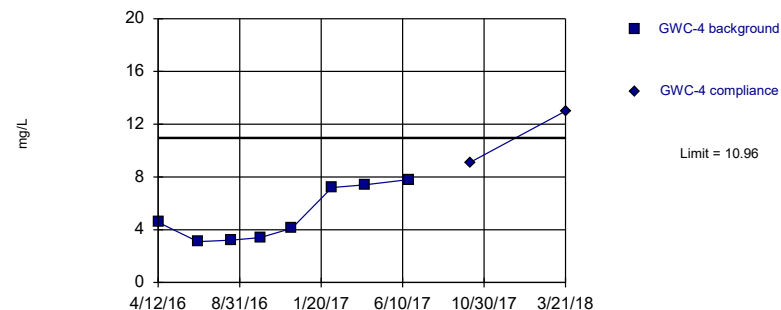
Background Data Summary: Mean=3.28, Std. Dev.=0.175, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



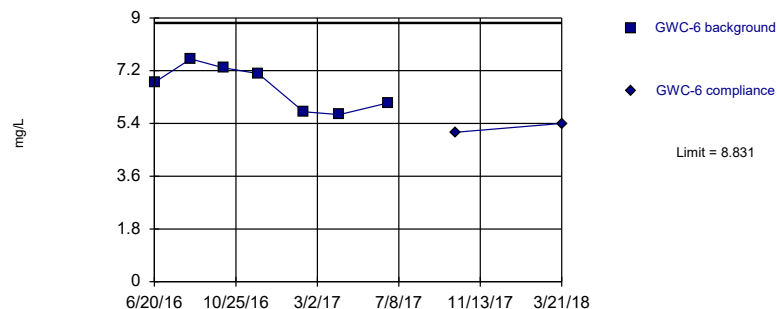
Background Data Summary: Mean=5.096, Std. Dev.=2.027, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8216, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



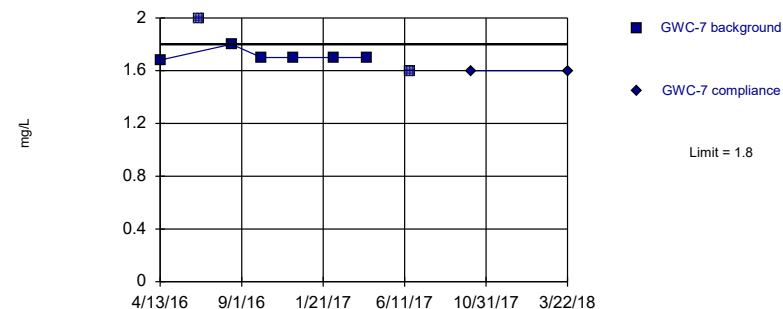
Background Data Summary: Mean=6.629, Std. Dev.=0.761, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.911, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



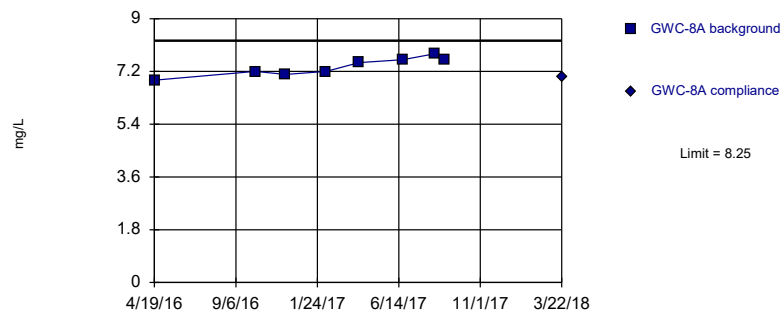
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



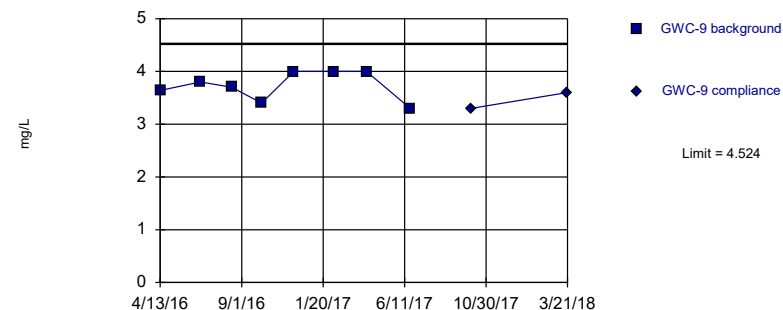
Background Data Summary: Mean=7.363, Std. Dev.=0.3068, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



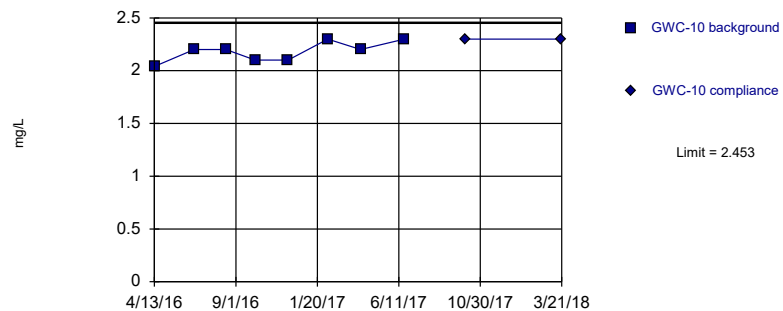
Background Data Summary: Mean=3.73, Std. Dev.=0.2742, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



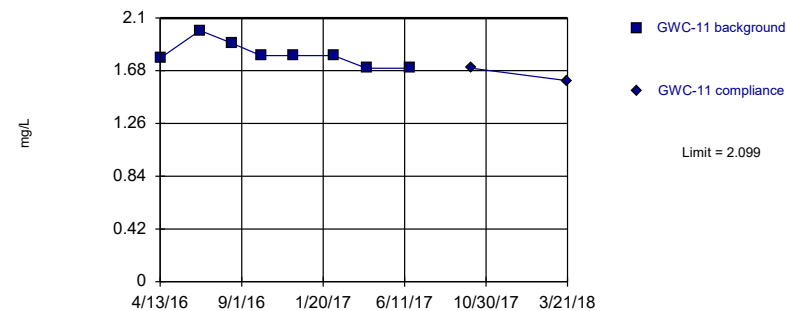
Background Data Summary: Mean=2.18, Std. Dev.=0.09442, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



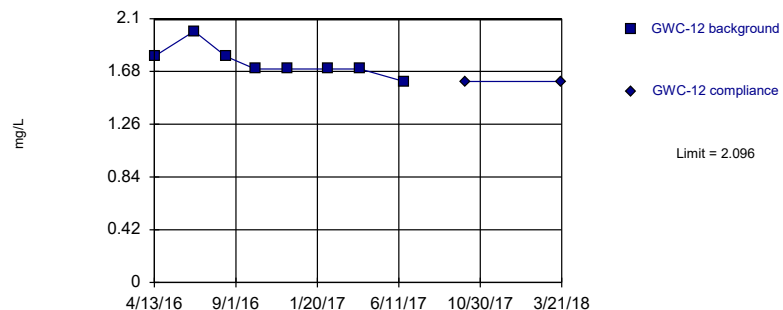
Background Data Summary: Mean=1.81, Std. Dev.=0.09971, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



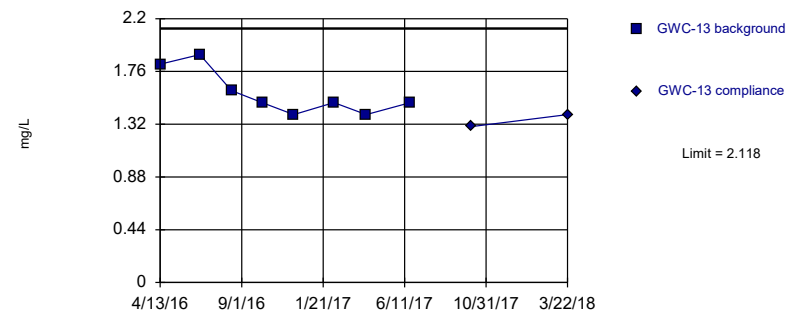
Background Data Summary: Mean=1.75, Std. Dev.=0.1195, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



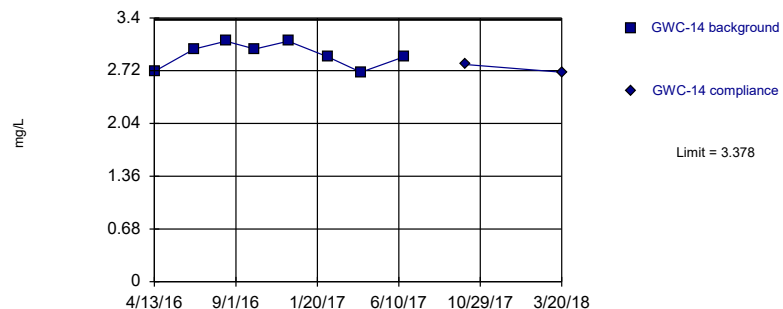
Background Data Summary: Mean=1.578, Std. Dev.=0.1868, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8395, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



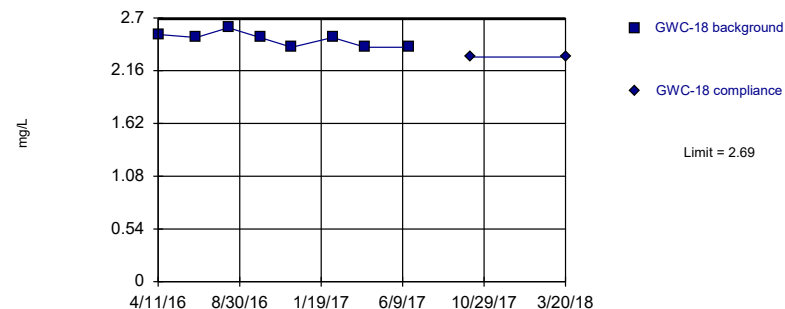
Background Data Summary: Mean=2.926, Std. Dev.=0.1561, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8849, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



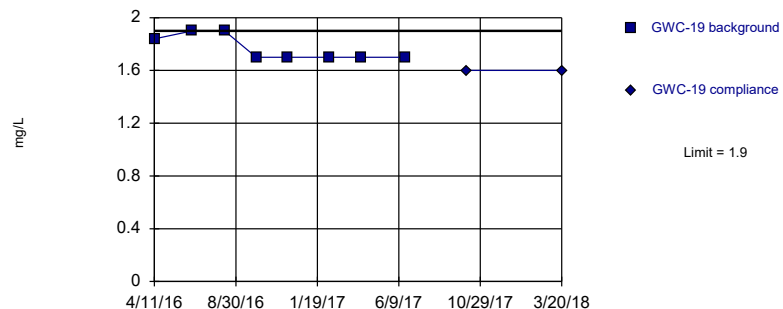
Background Data Summary: Mean=2.479, Std. Dev.=0.07298, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



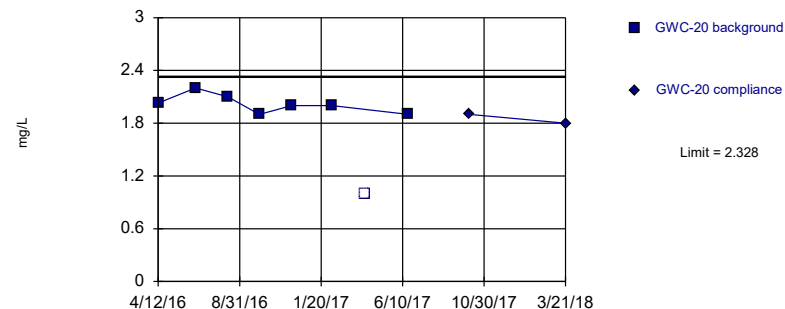
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



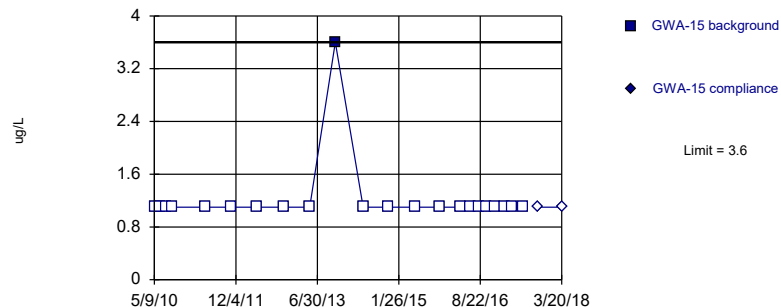
Background Data Summary: Mean=2.019, Std. Dev.=0.1068, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9259, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



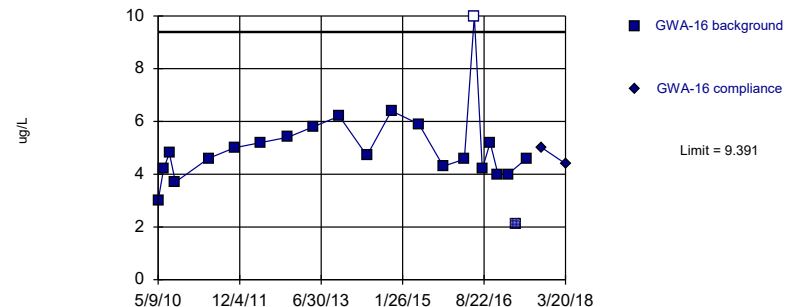
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



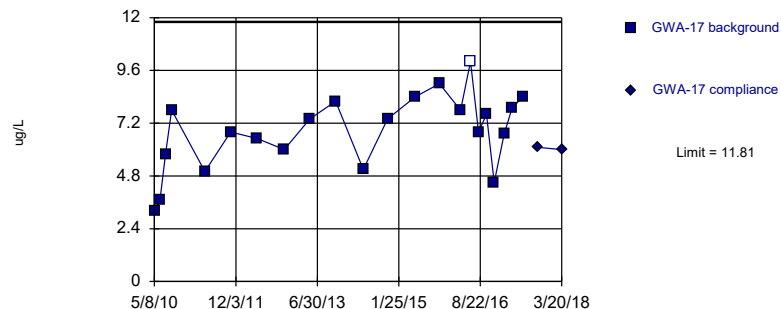
Background Data Summary (based on square root transformation): Mean=2.226, Std. Dev.=0.2896, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8803, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



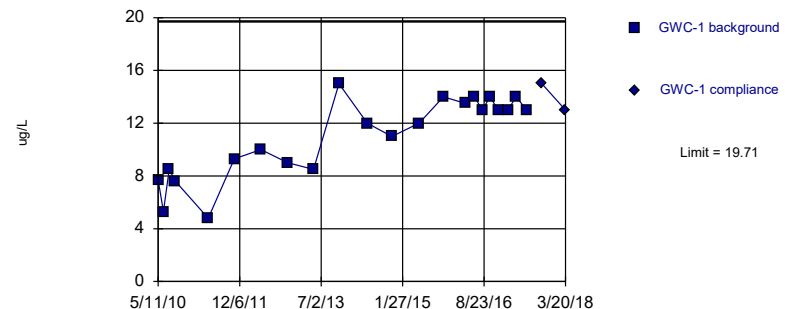
Background Data Summary: Mean=6.818, Std. Dev.=1.724, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9686, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limit

Prediction Limit Intrawell Parametric



Background Data Summary: Mean=11.01, Std. Dev.=3.008, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9102, critical = 0.878. Kappa overridden to 2.894.

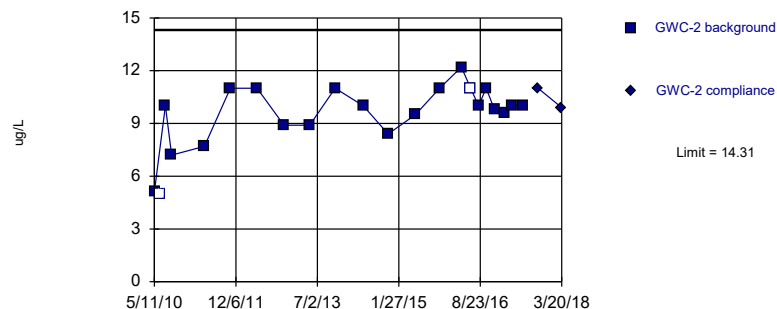
Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=9.681, Std. Dev.=1.601, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8948, critical = 0.873. Kappa overridden to 2.894.

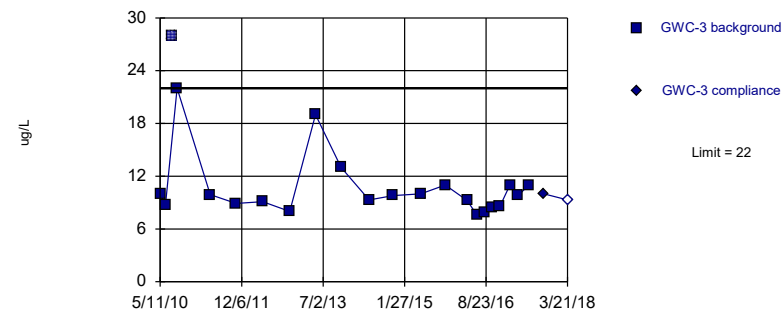
Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

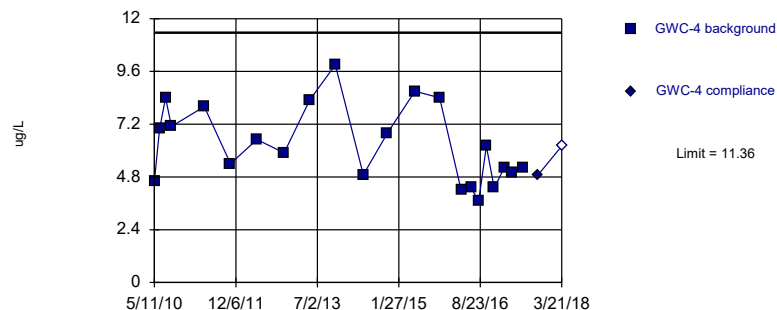
Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.272, Std. Dev.=1.759, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9457, critical = 0.878. Kappa overridden to 2.894.

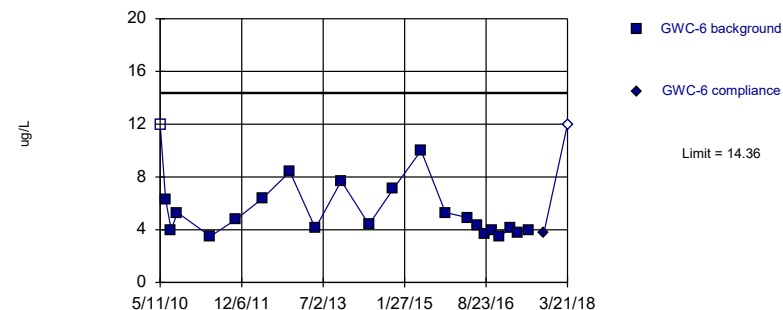
Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



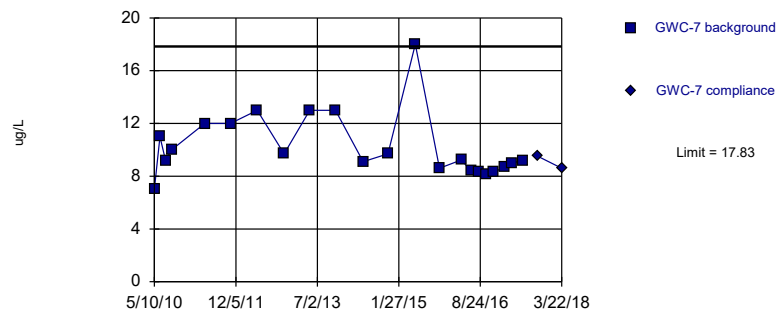
Background Data Summary (based on natural log transformation): Mean=1.645, Std. Dev.=0.3525, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8902, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.175, Std. Dev.=0.362, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8791, critical = 0.878. Kappa overridden to 2.894.

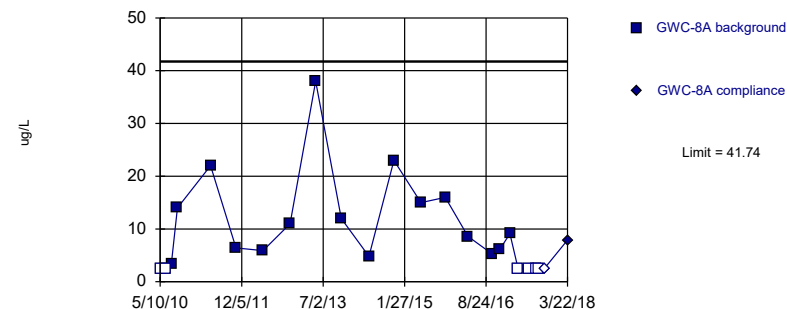
Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=2.875, Std. Dev.=1.239, n=22, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.878. Kappa overridden to 2.894.

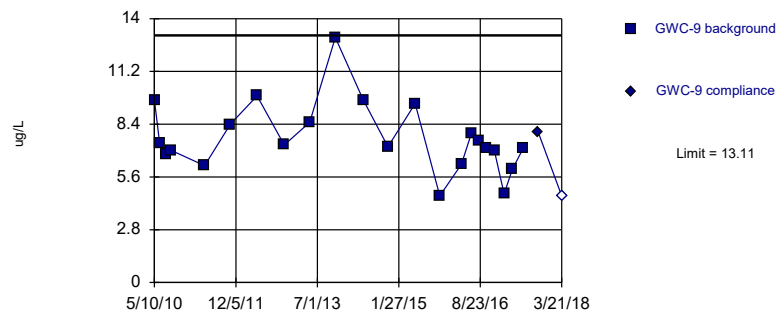
Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



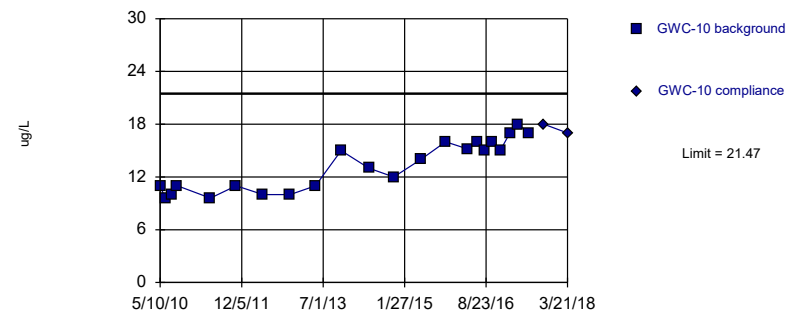
Background Data Summary: Mean=7.671, Std. Dev.=1.879, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric

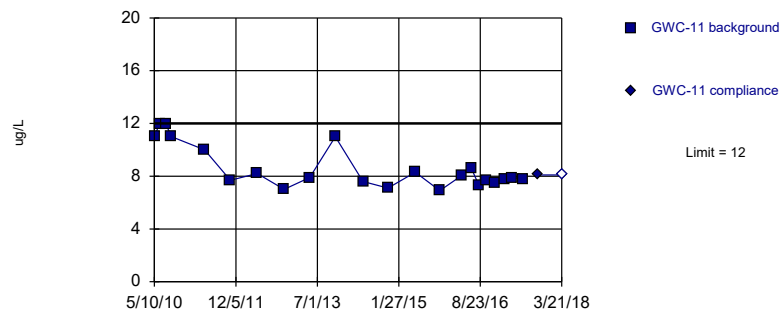


Background Data Summary: Mean=13.29, Std. Dev.=2.827, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9012, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

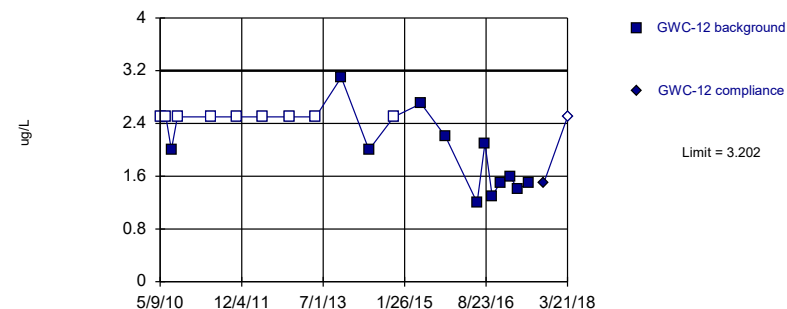


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

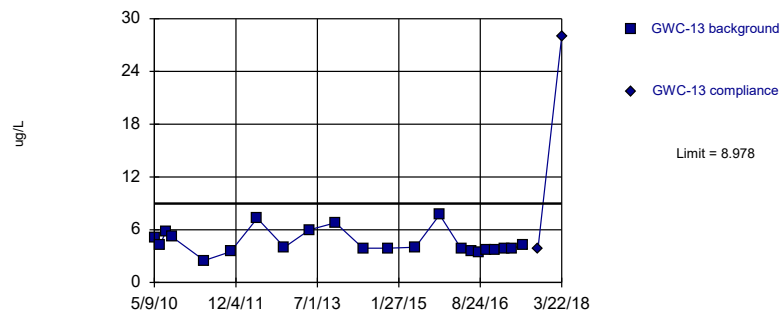


Background Data Summary (after Kaplan-Meier Adjustment): Mean=1.722, Std. Dev.=0.5112, n=21, 42.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8869, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

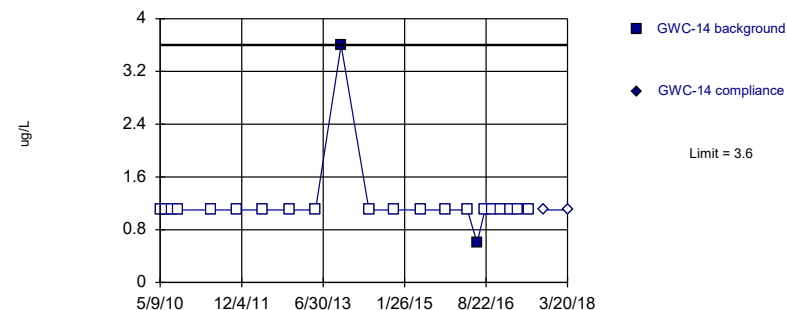


Background Data Summary (based on square root transformation): Mean=2.111, Std. Dev.=0.3059, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8876, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

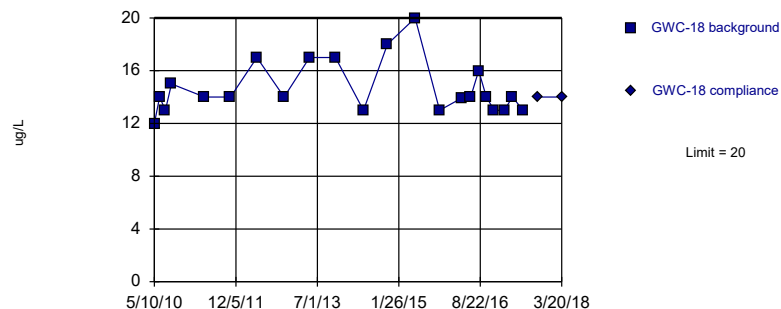


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



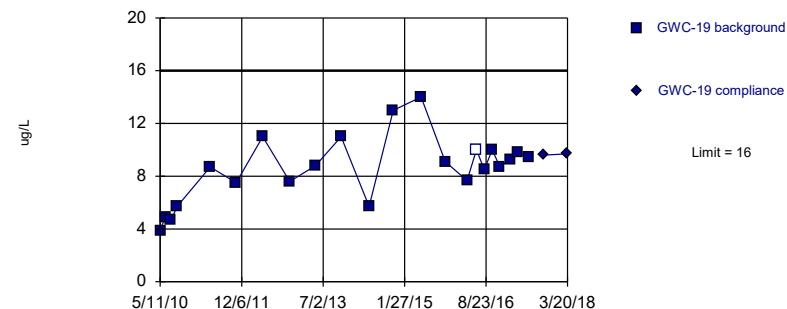
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



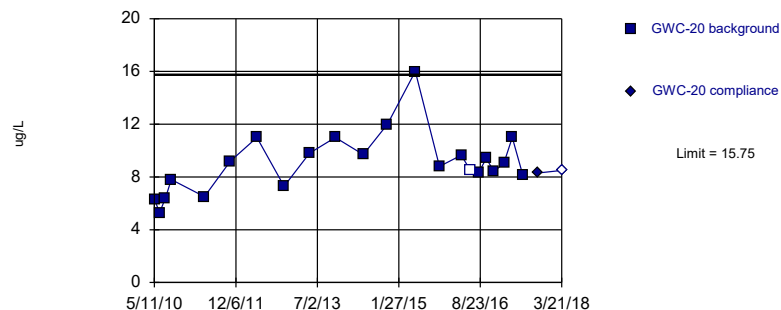
Background Data Summary: Mean=8.59, Std. Dev.=2.561, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9673, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



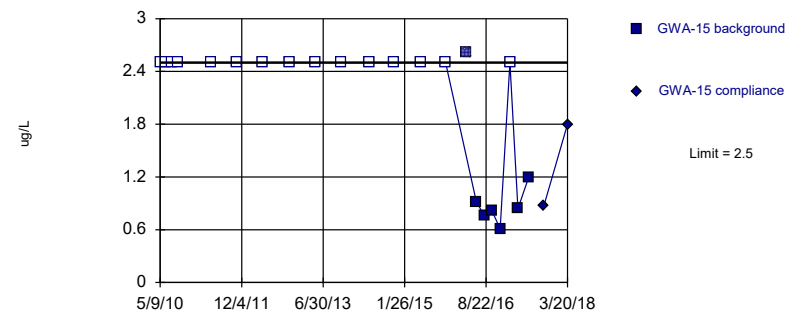
Background Data Summary: Mean=9.07, Std. Dev.=2.309, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9272, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



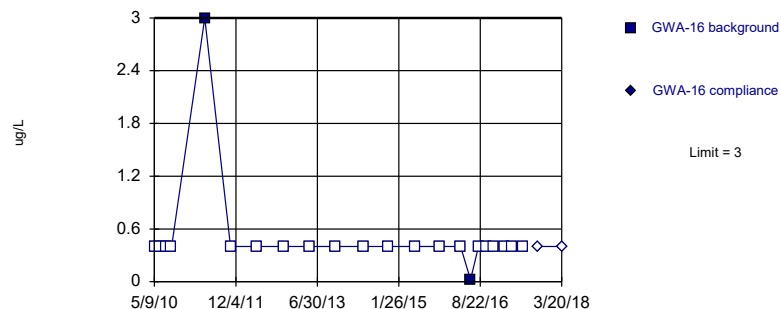
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



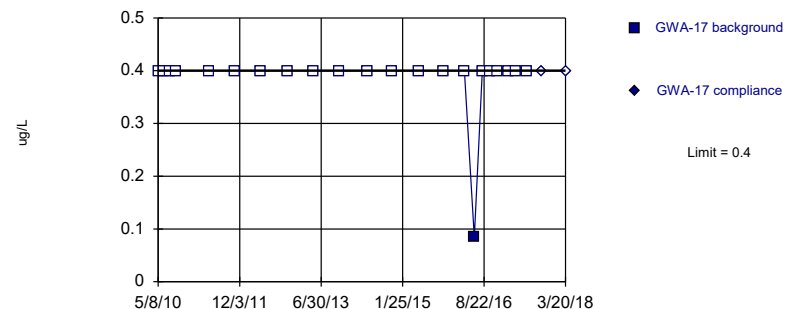
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



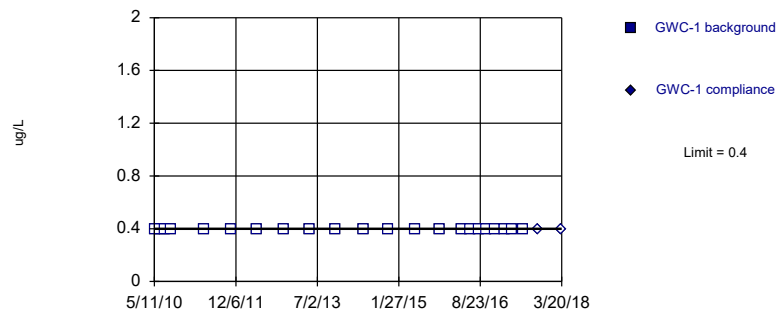
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



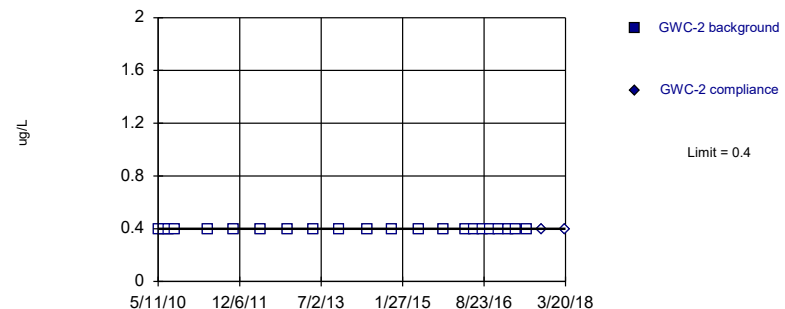
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



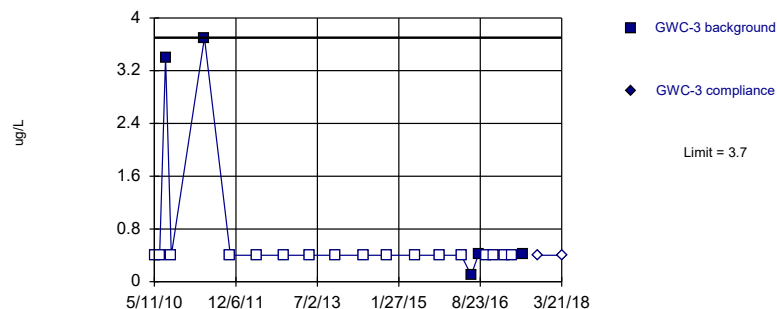
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



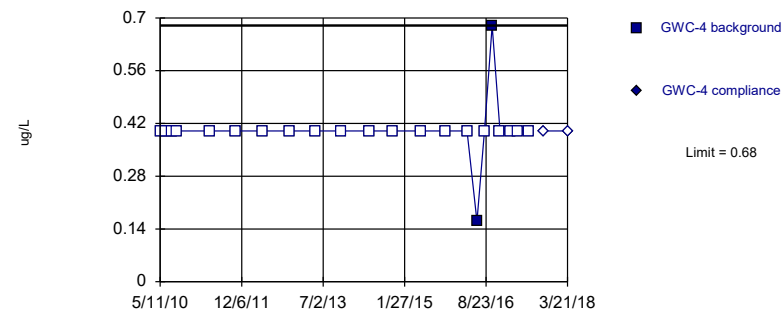
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



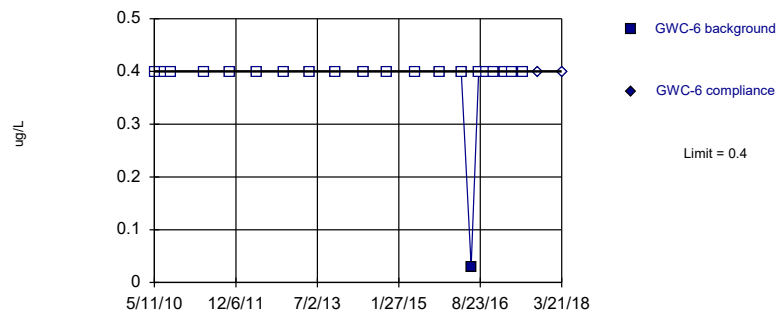
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



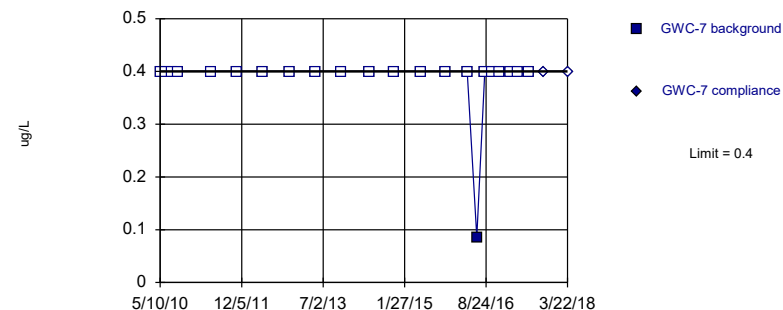
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

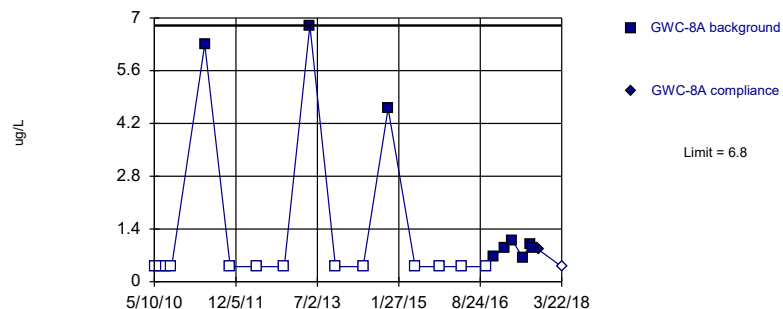


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

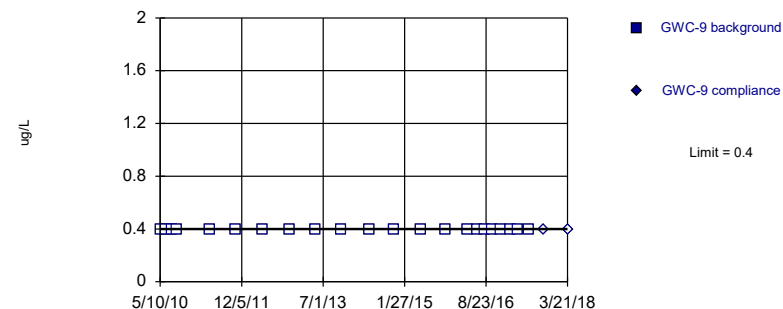


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

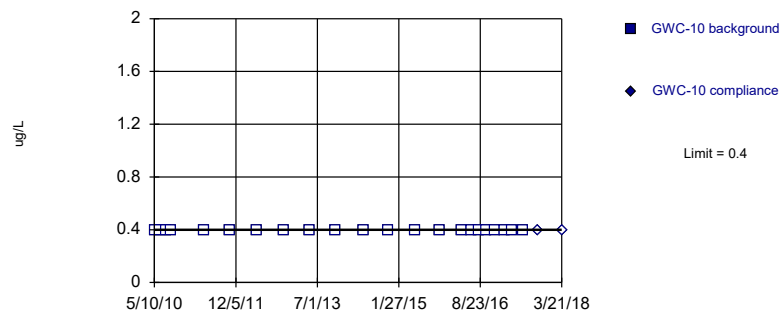


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

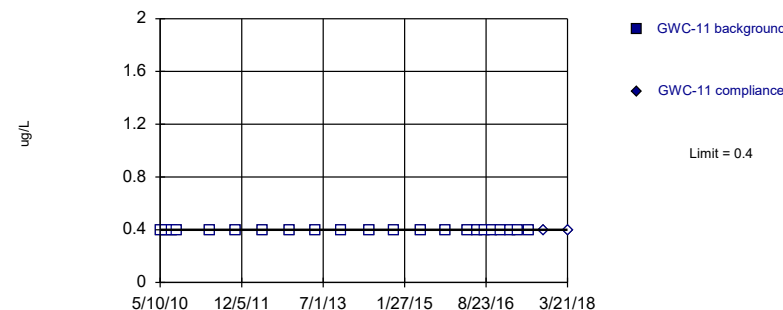


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

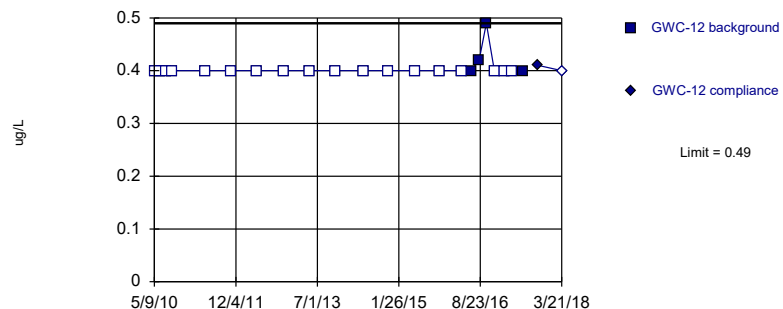


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

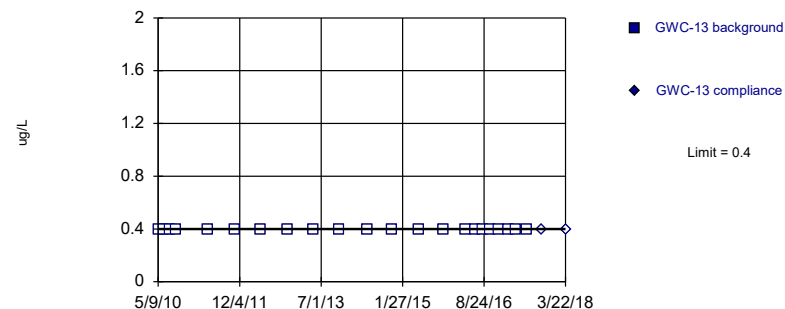


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

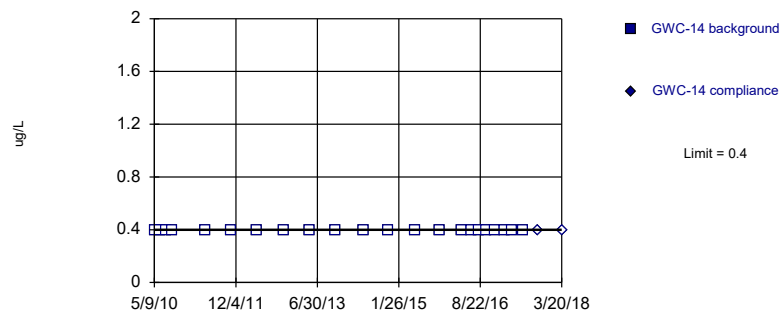


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

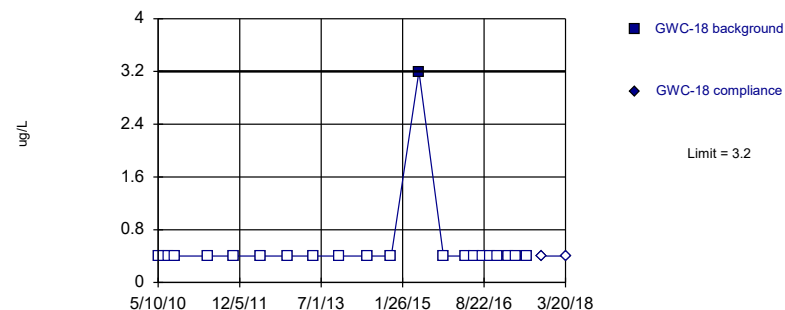


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



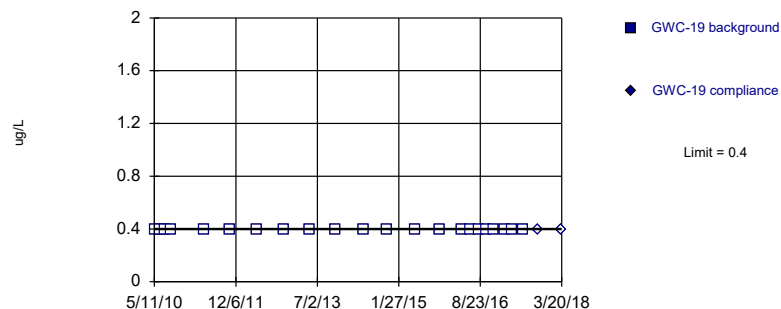
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



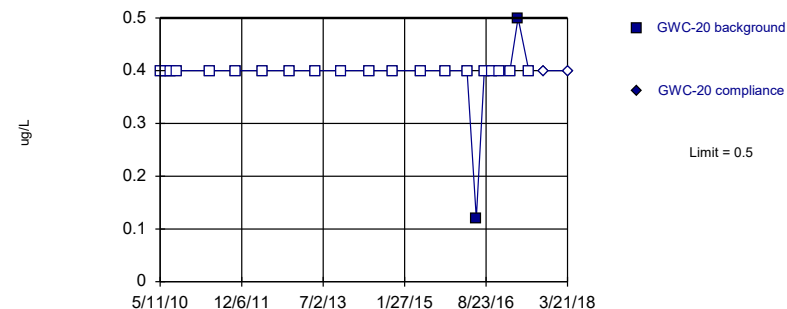
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



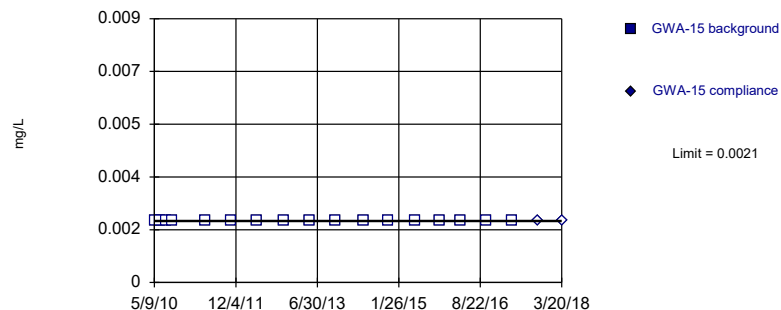
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



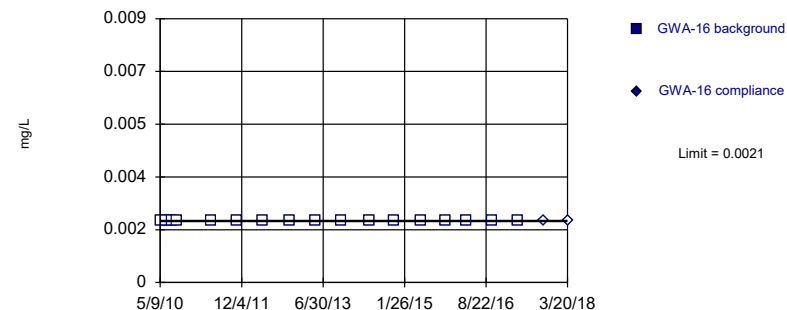
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

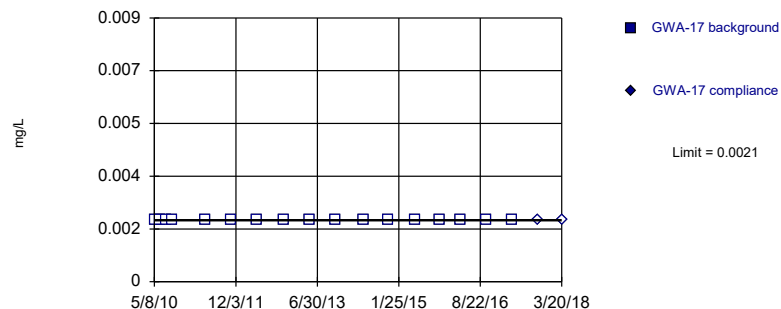


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

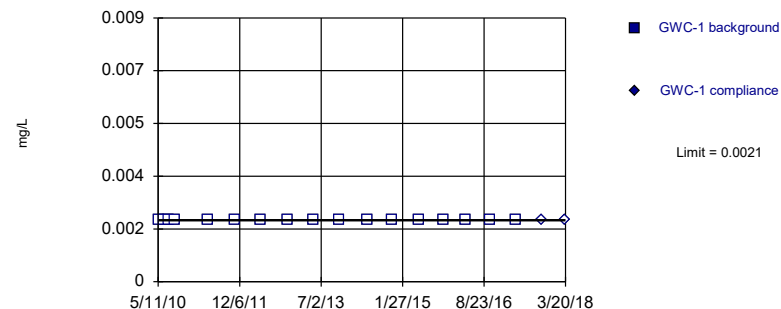


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

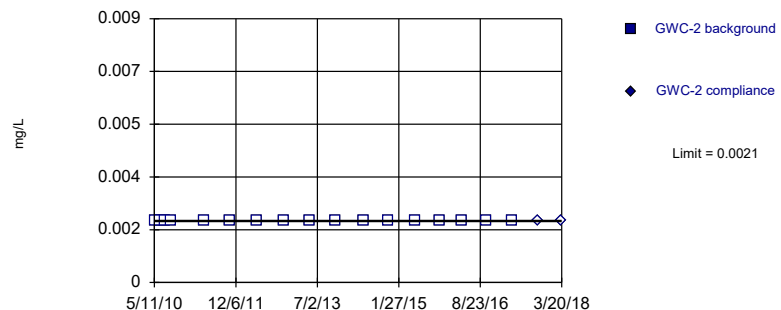


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

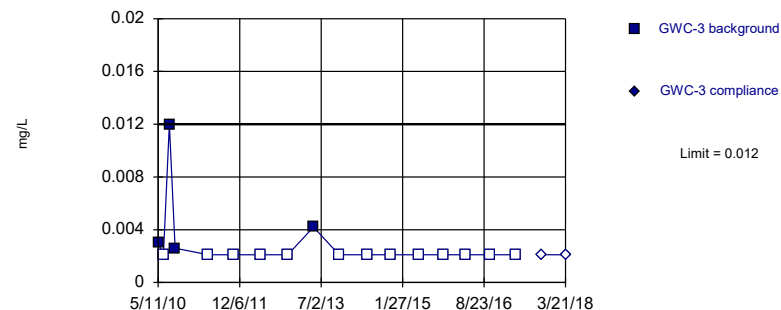


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

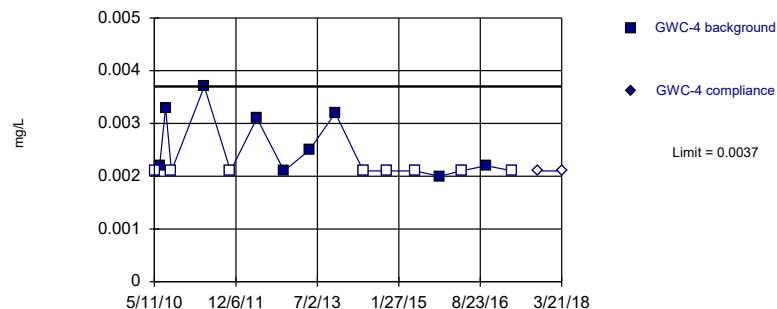


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

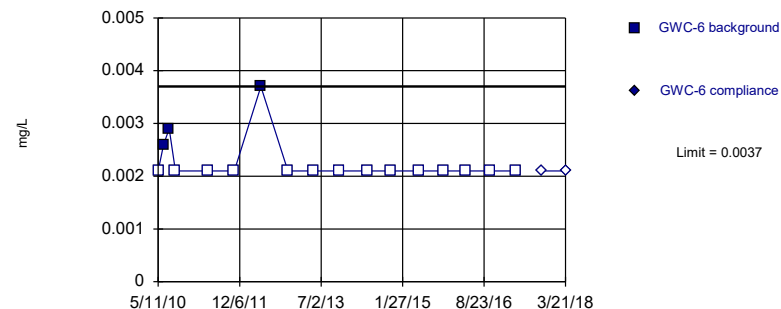


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 47.06% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

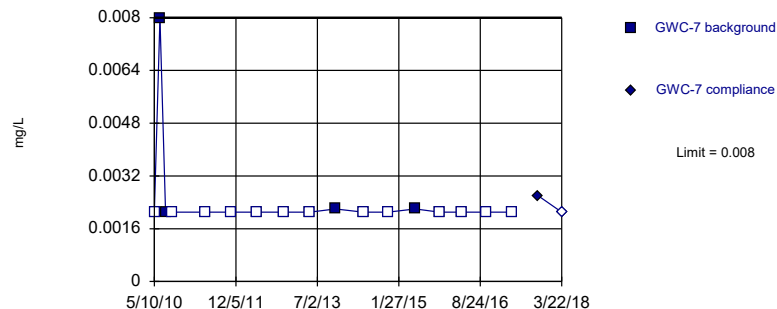


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

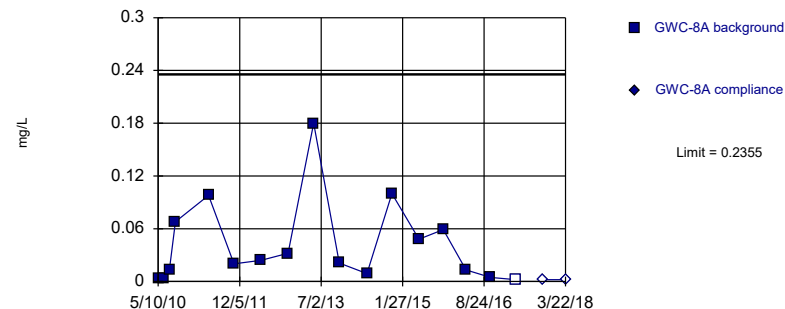


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

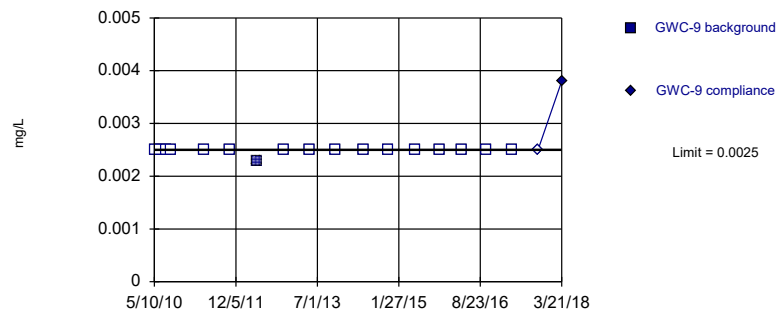


Background Data Summary (based on square root transformation): Mean=0.1739, Std. Dev.=0.1076, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.851. Kappa overridden to 2.894.

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

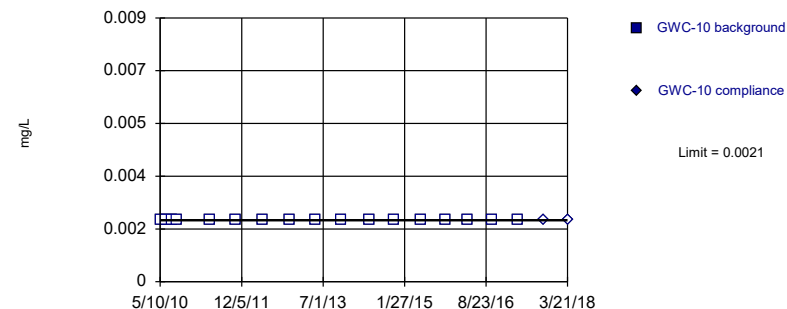


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

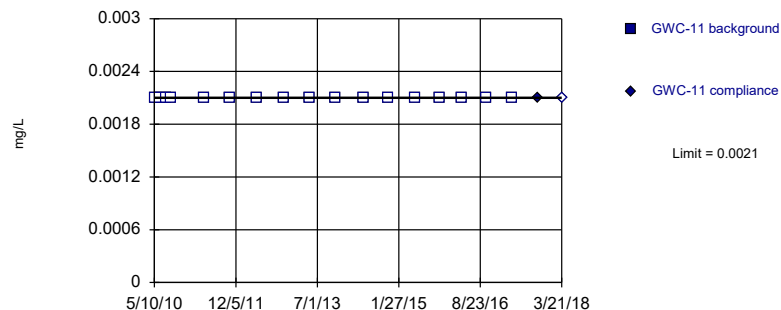


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

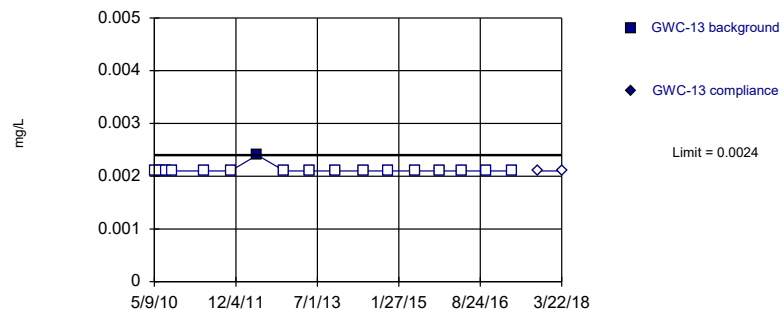


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

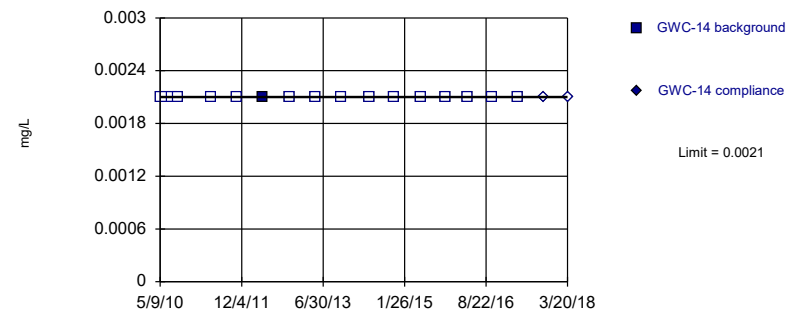


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

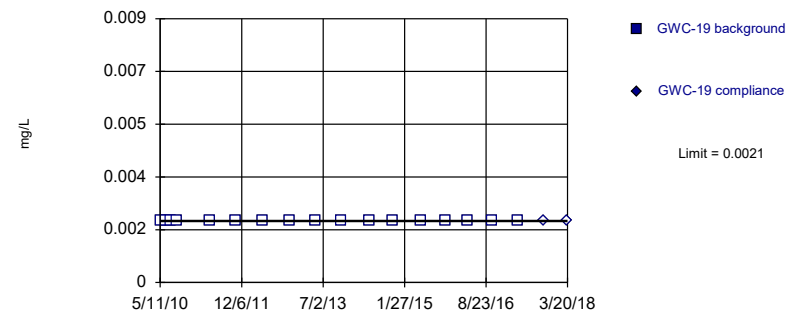


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

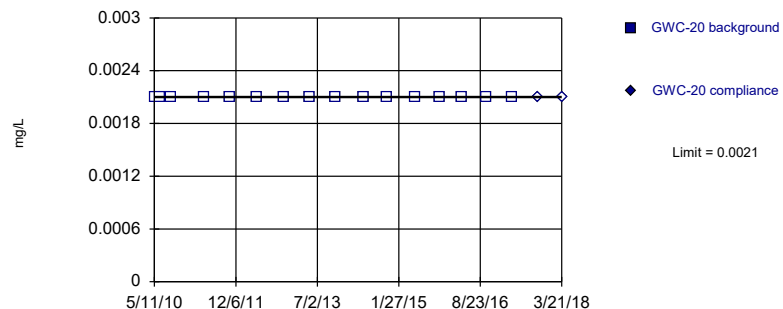


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

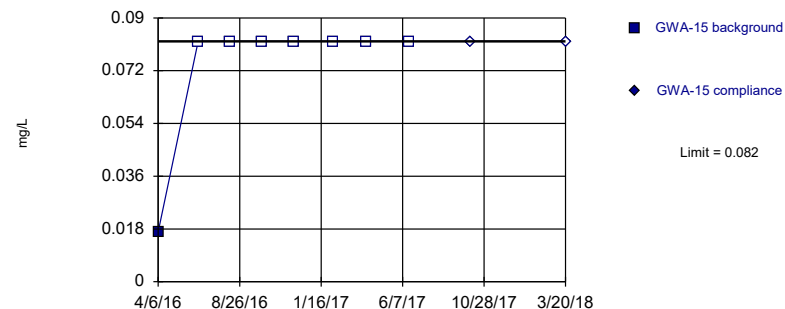


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

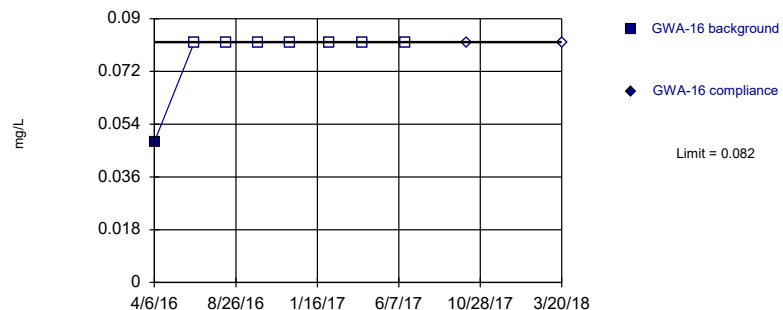


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

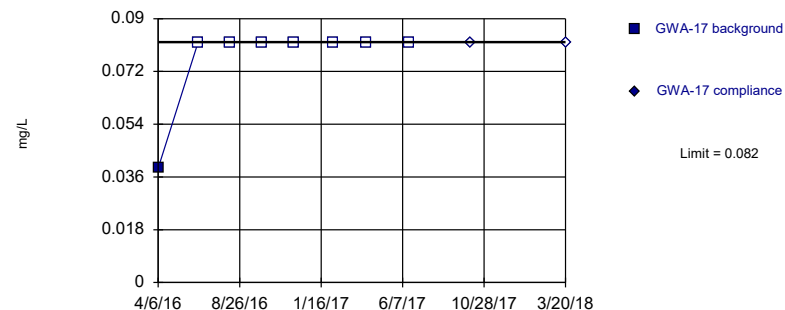


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



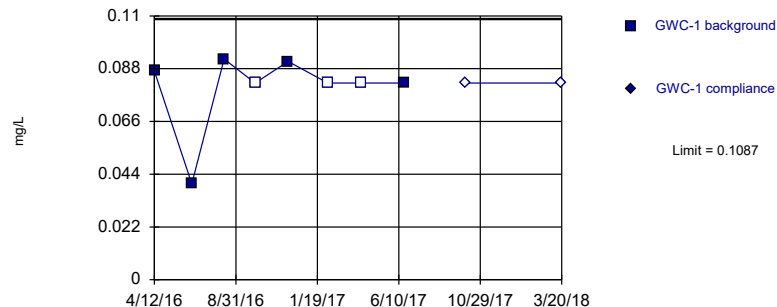
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



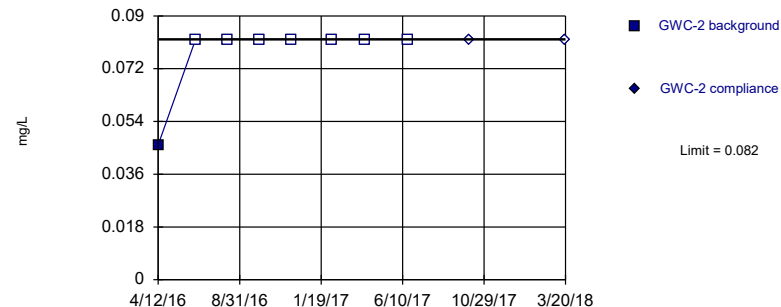
Background Data Summary (based on cube transformation) (after Kaplan-Meier Adjustment): Mean=0.0004661, Std. Dev.=0.0002828, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7777, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



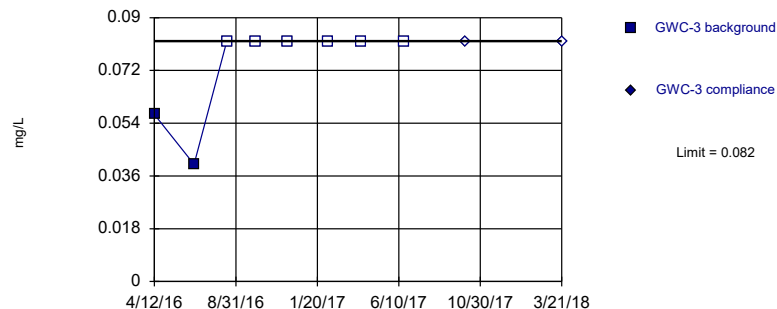
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



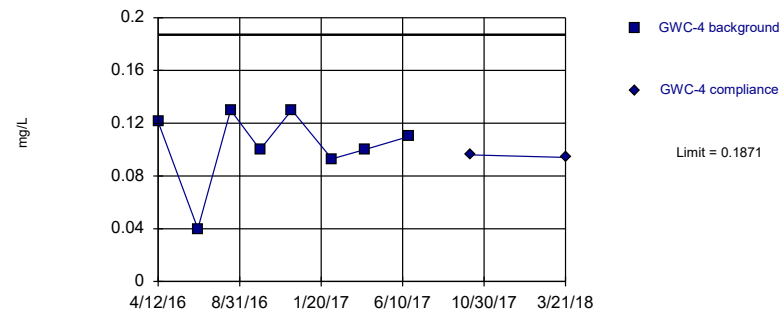
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric

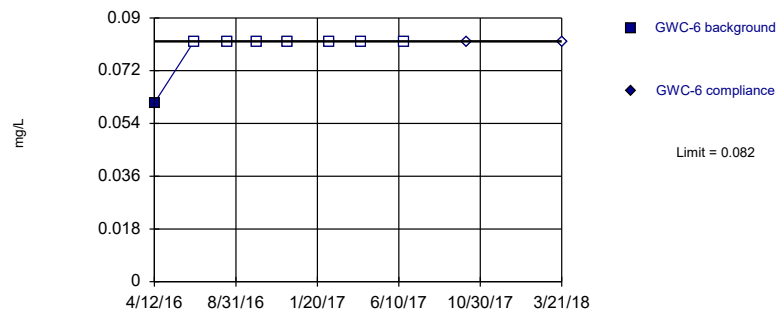


Background Data Summary: Mean=0.103, Std. Dev.=0.02908, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8374, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

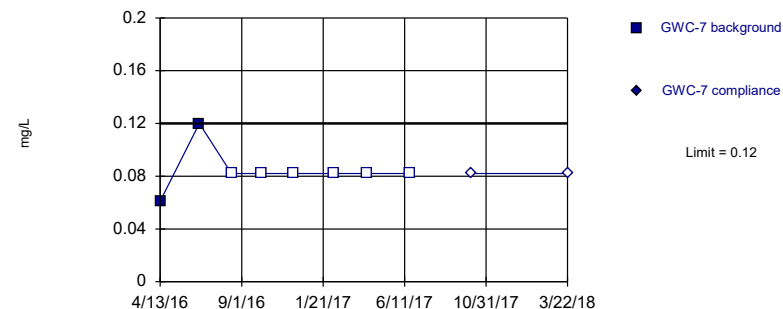


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

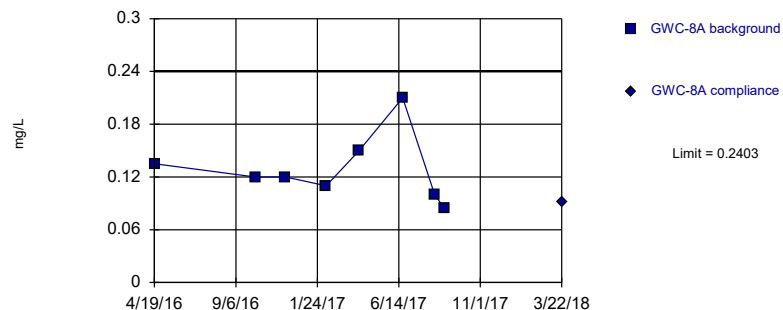


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

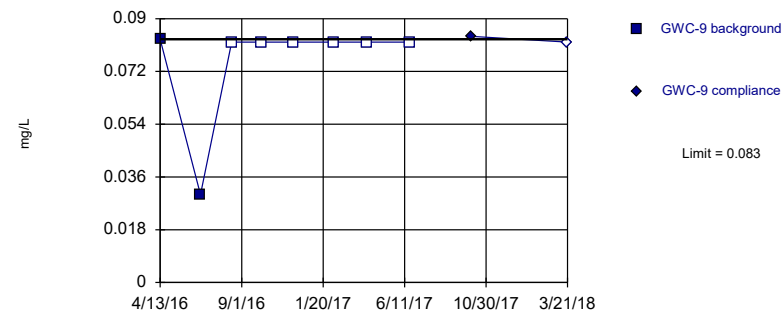


Background Data Summary: Mean=0.1286, Std. Dev.=0.03859, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8919, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

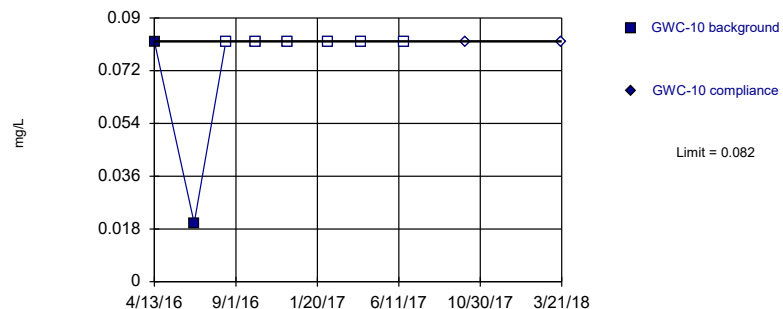


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

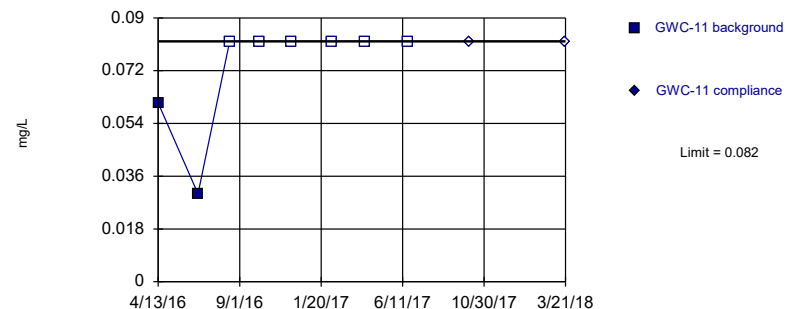


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

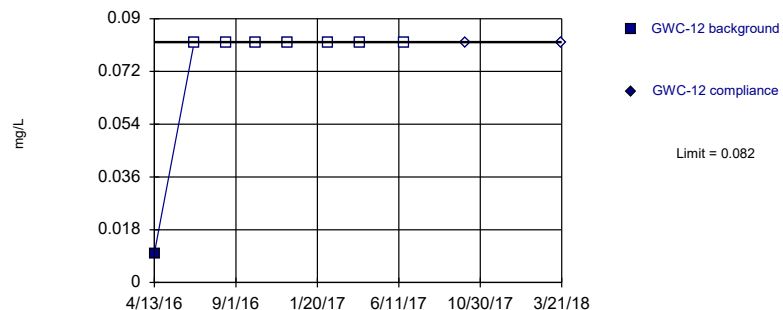


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

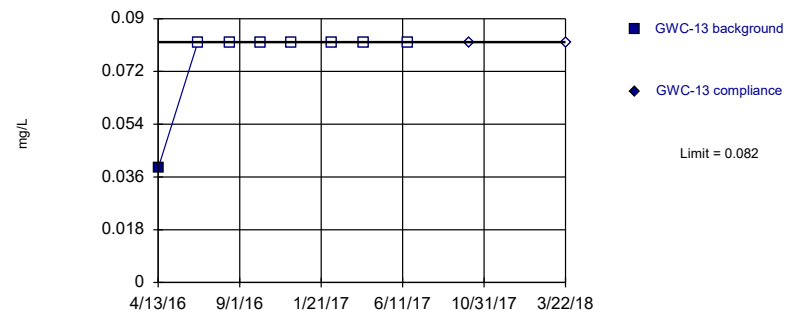


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

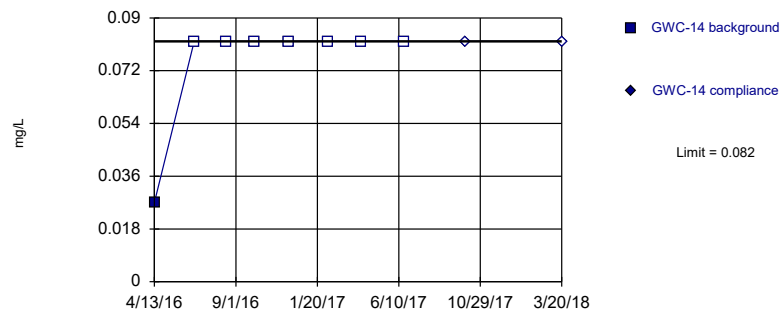


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

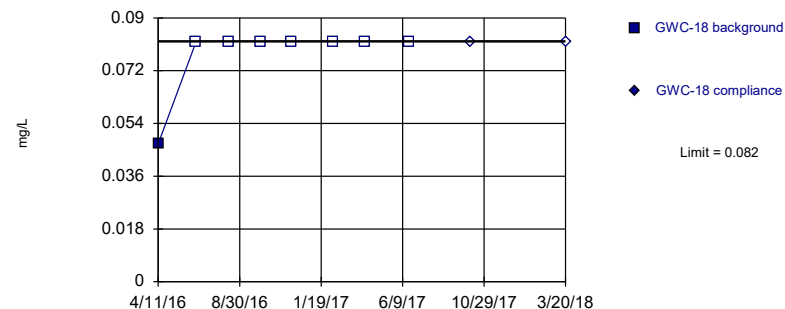


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

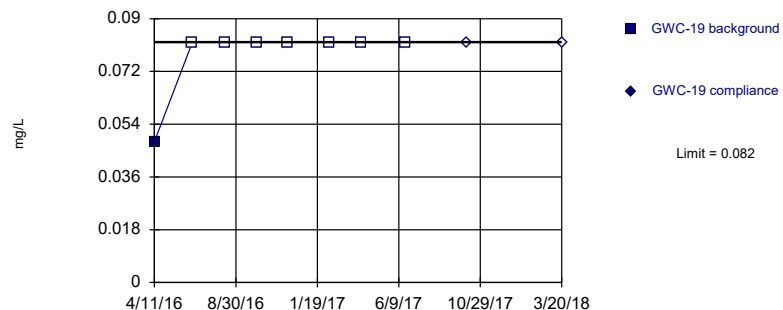


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

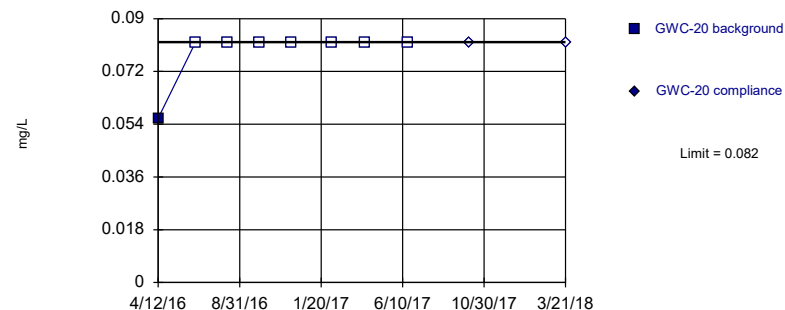


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



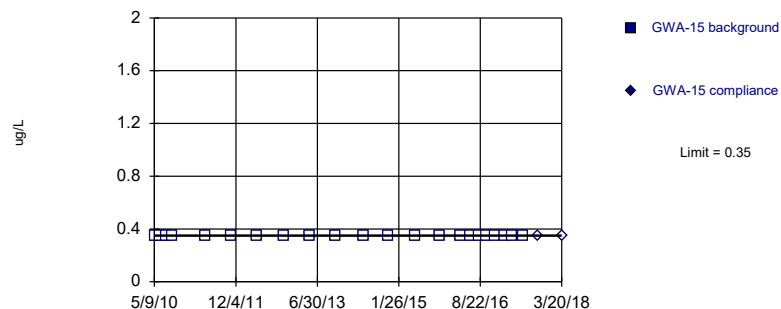
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



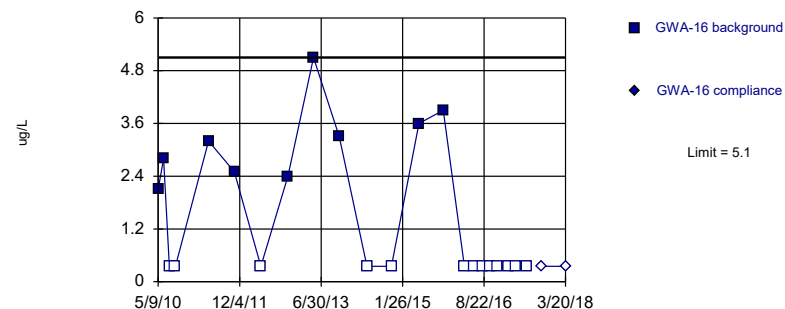
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



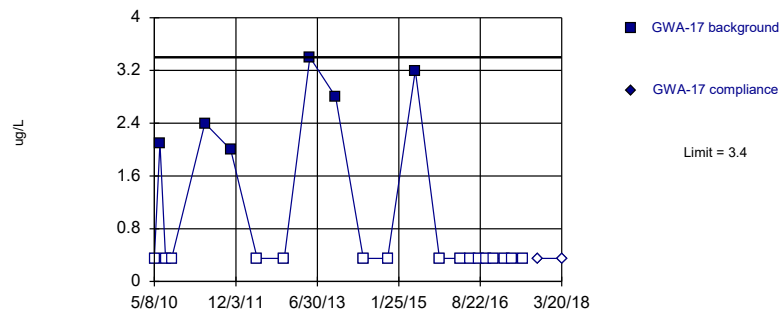
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



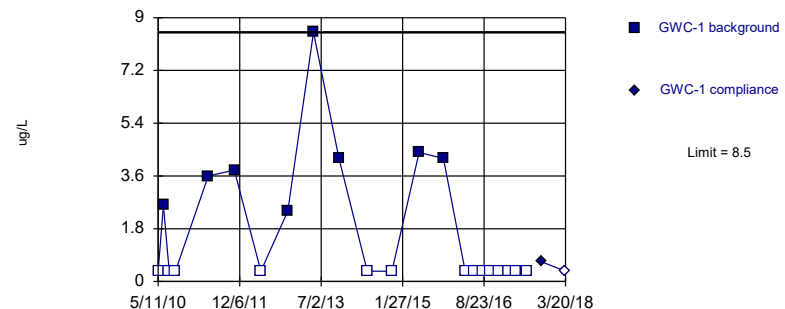
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

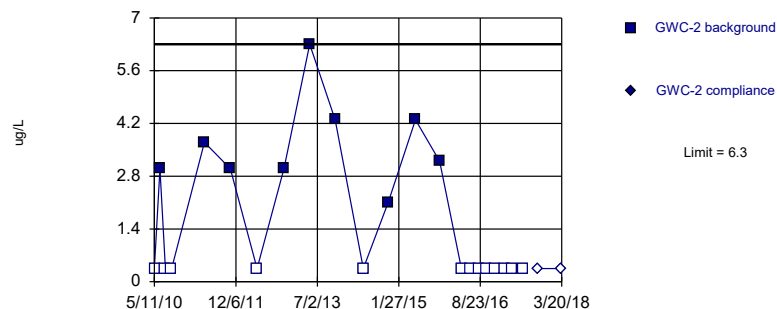


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

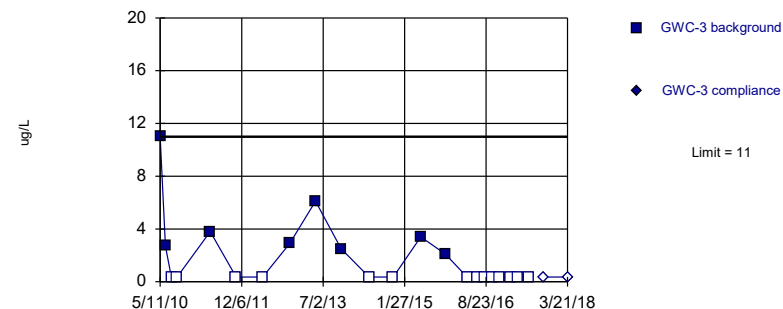


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

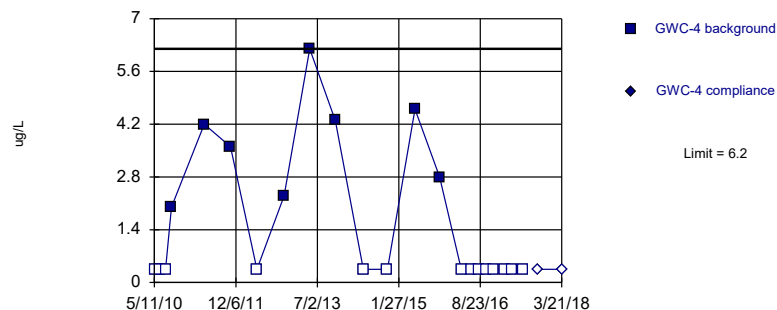


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

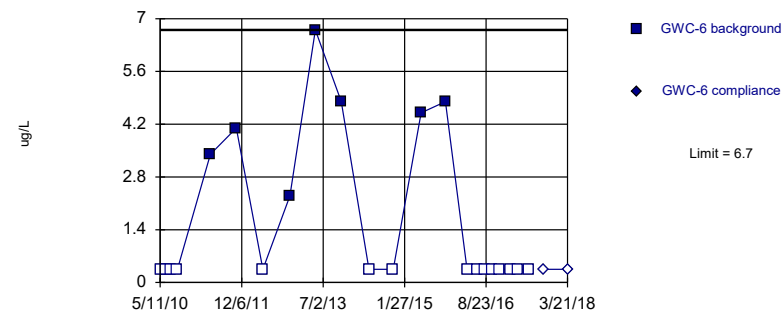


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

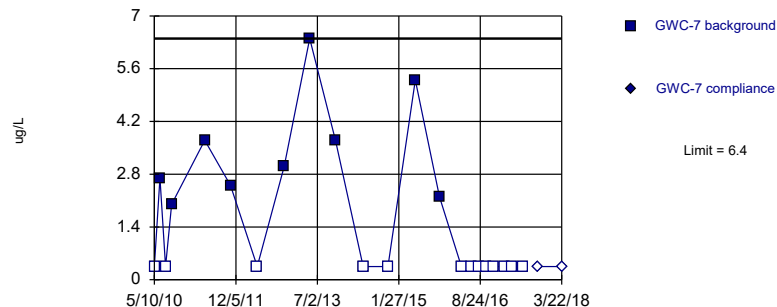


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

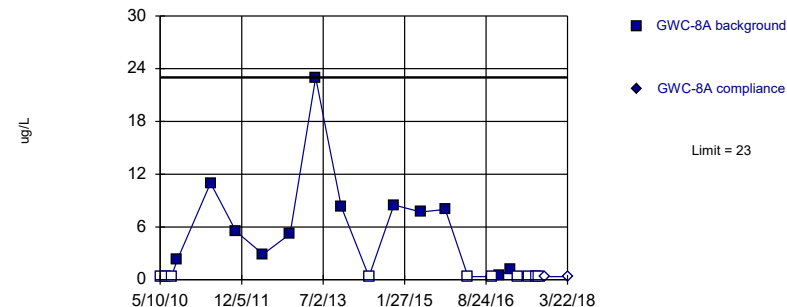


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

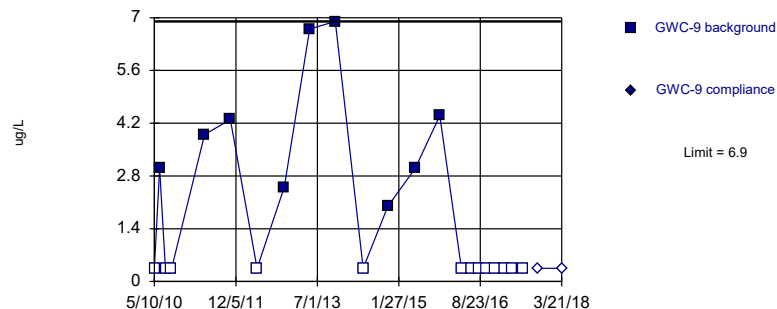


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 45.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

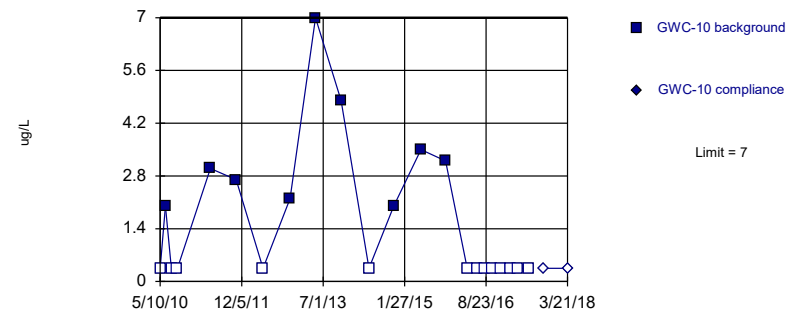


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



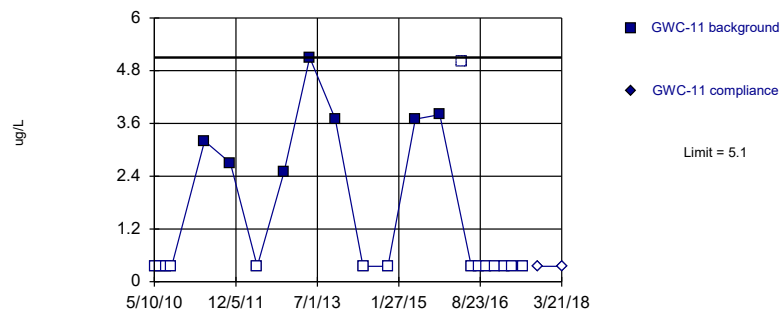
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



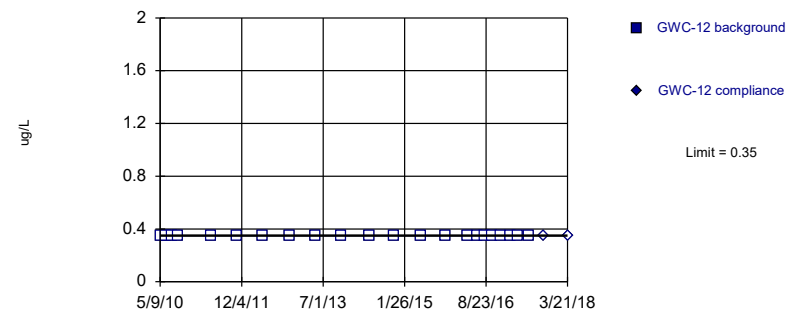
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



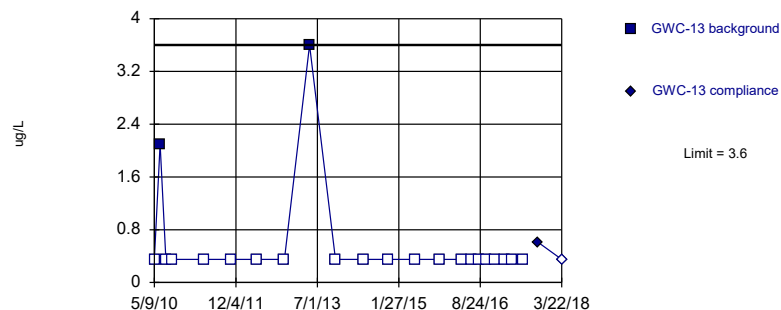
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



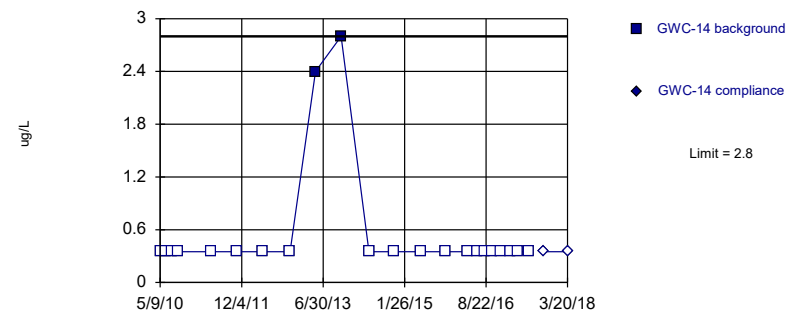
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



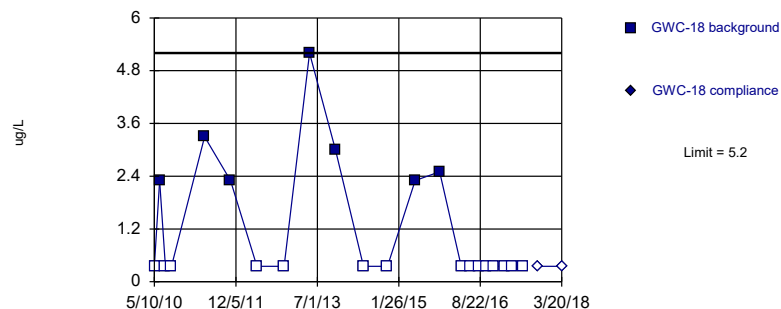
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



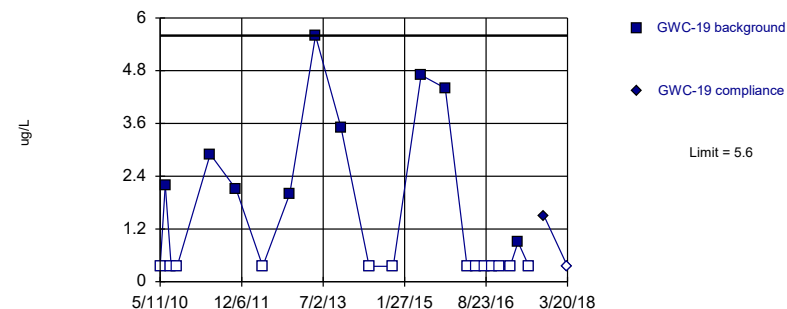
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



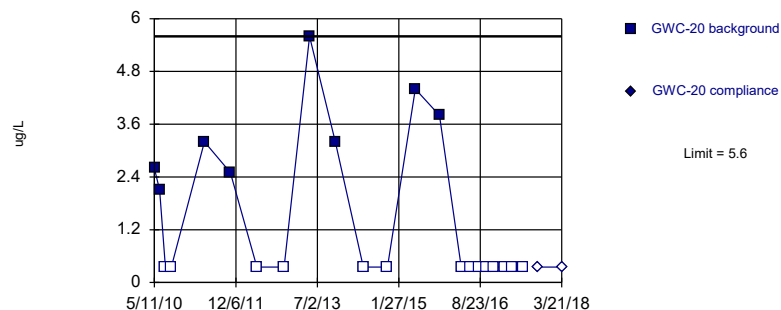
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



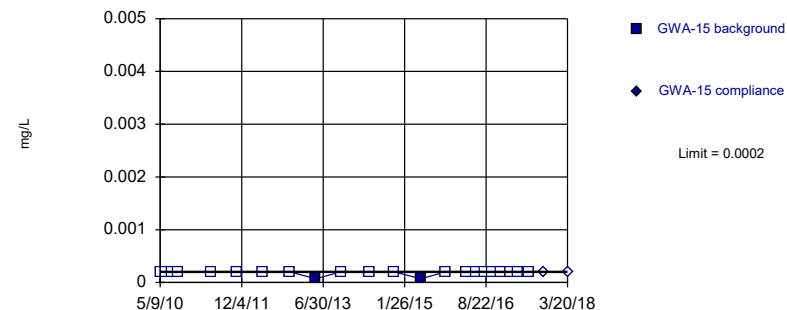
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

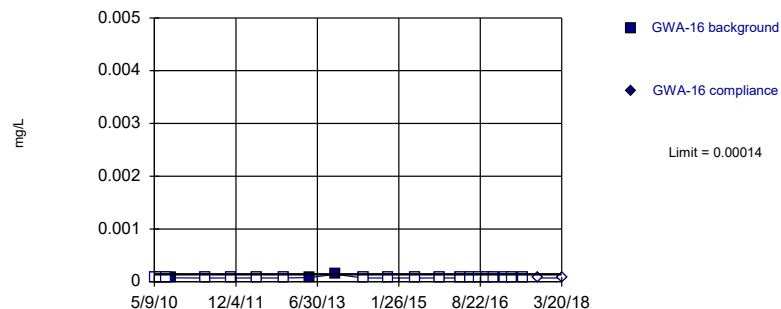


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

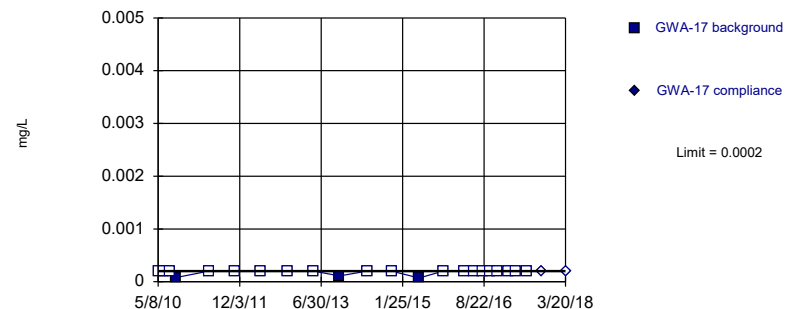


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

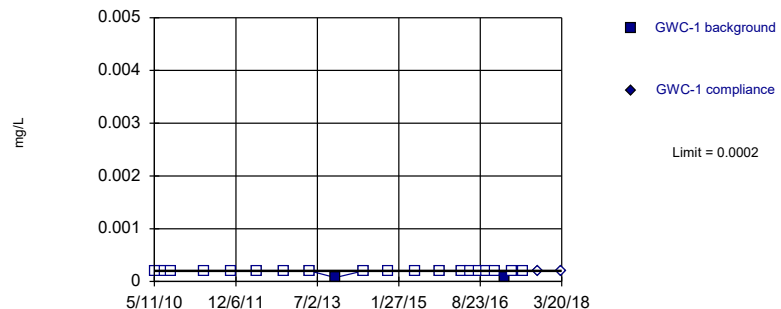


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

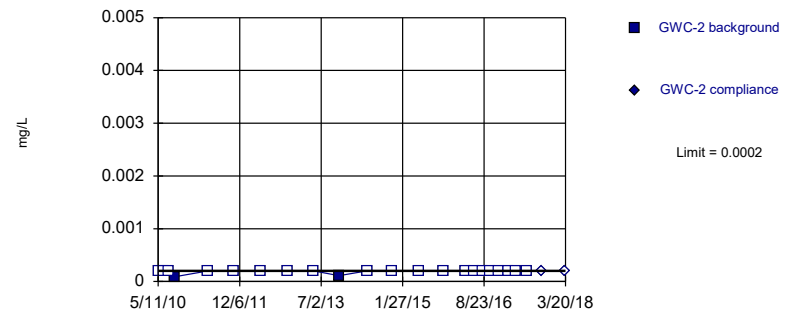


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

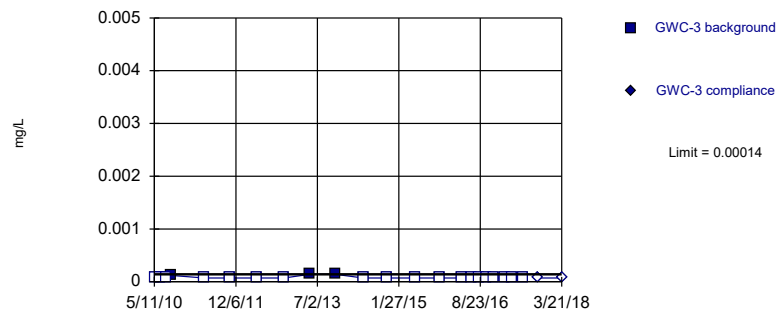


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

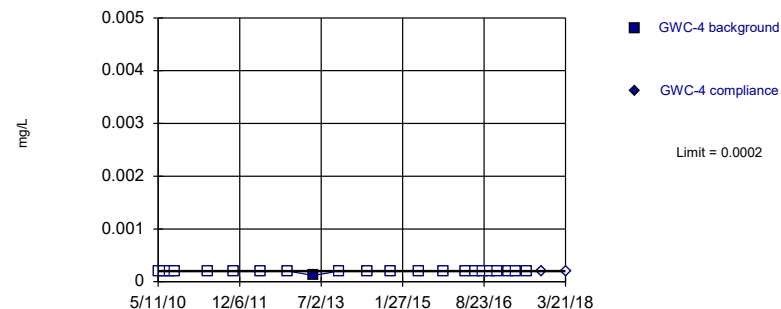


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

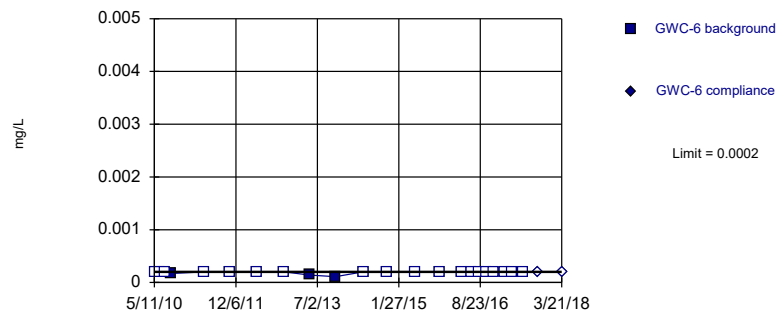


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

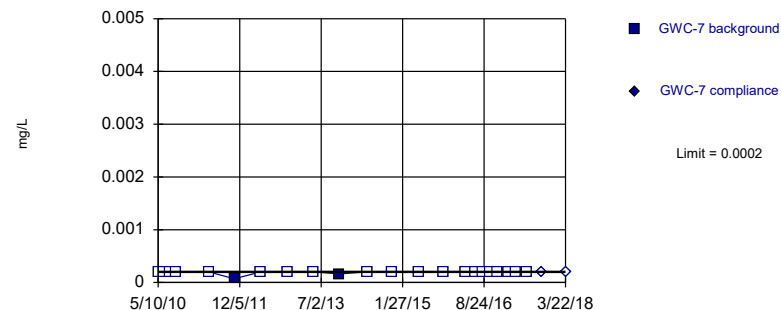


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

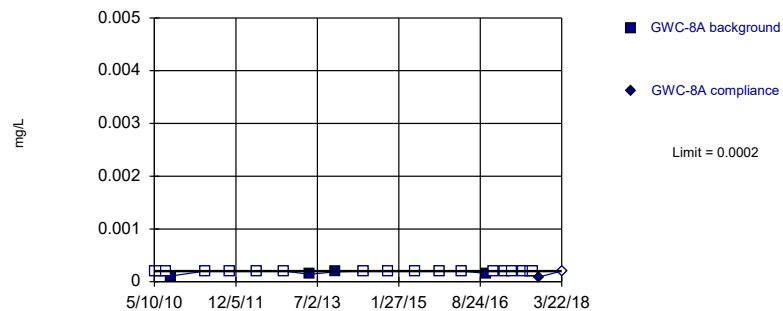


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

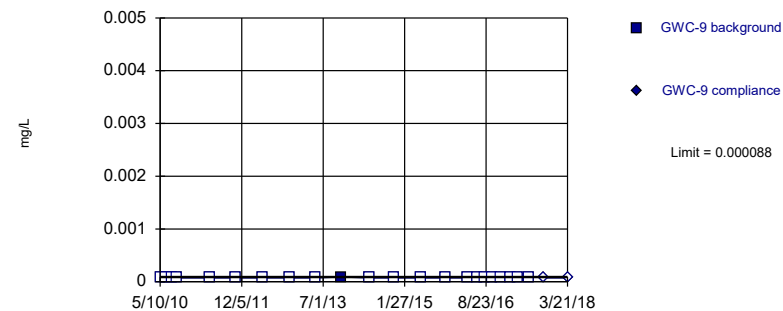


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

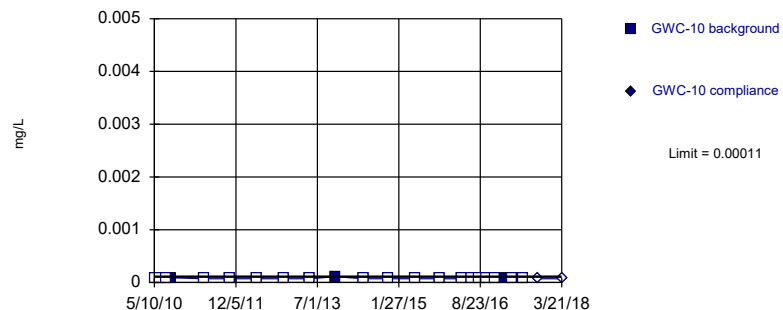


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

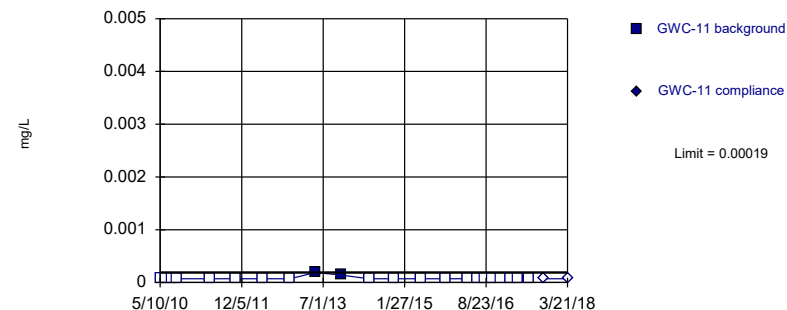


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

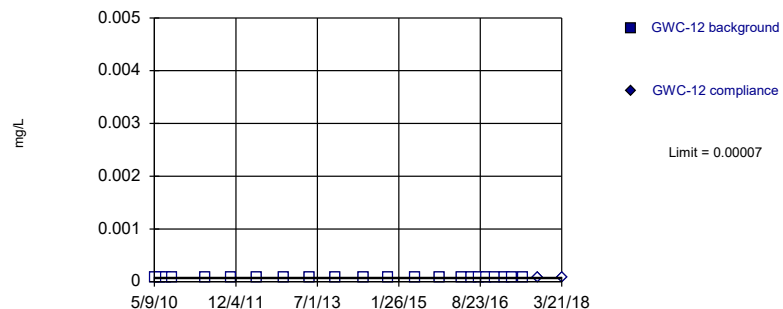


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

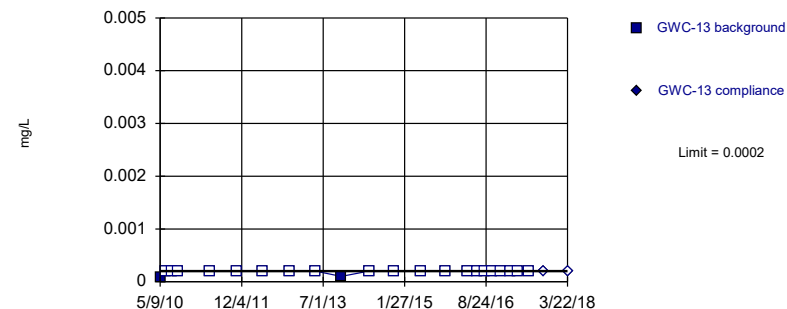


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

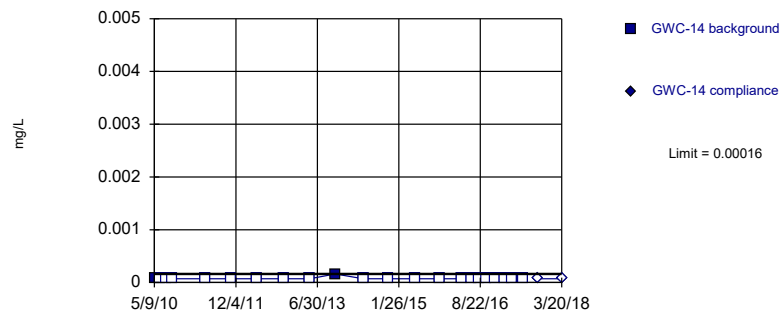


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

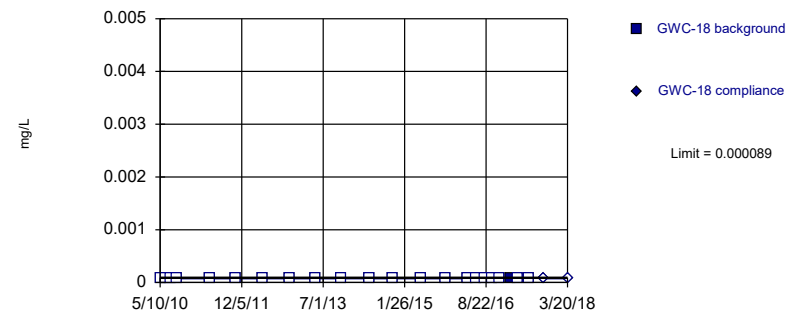


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

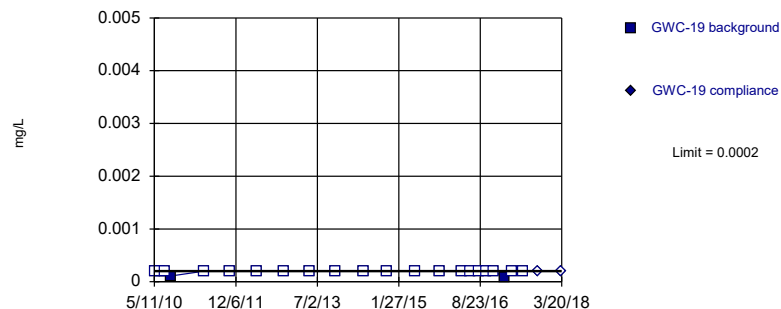


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

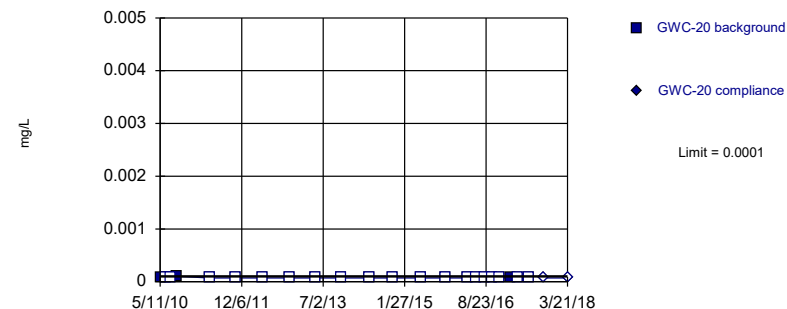


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

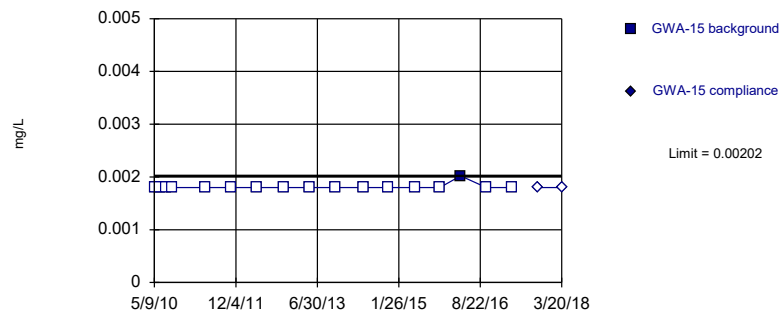


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

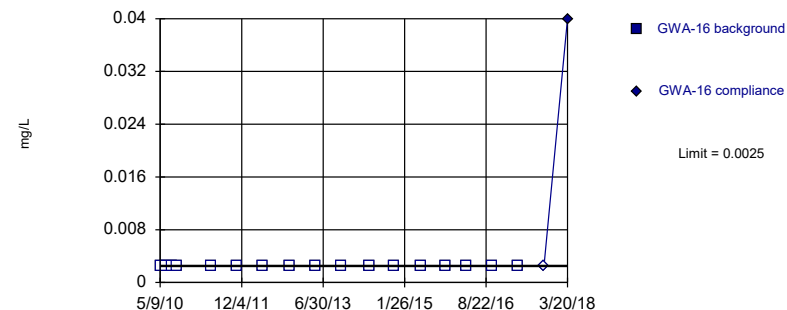


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

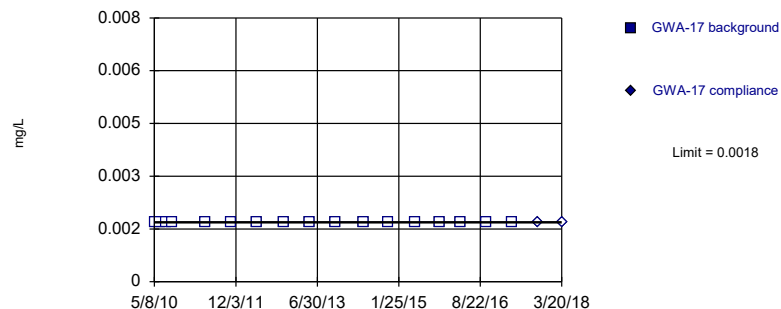


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

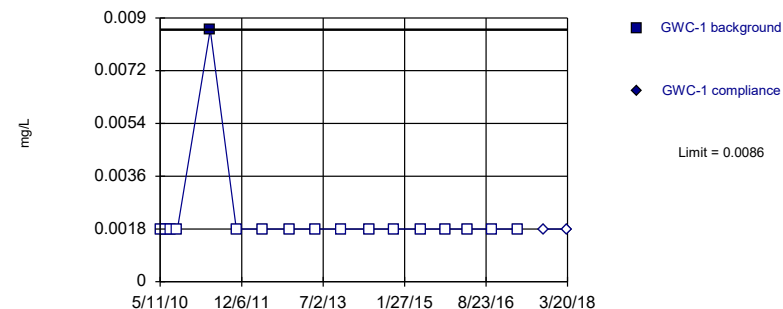


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

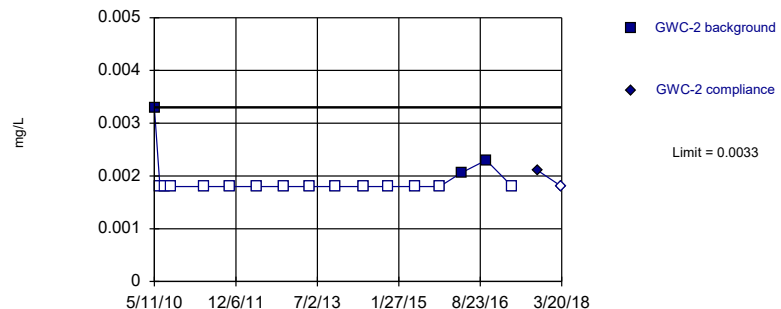


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

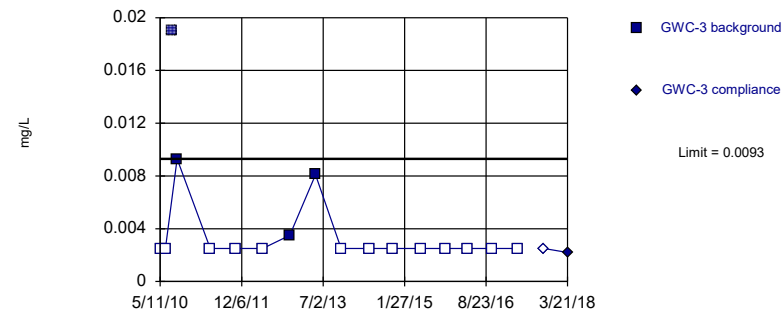


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

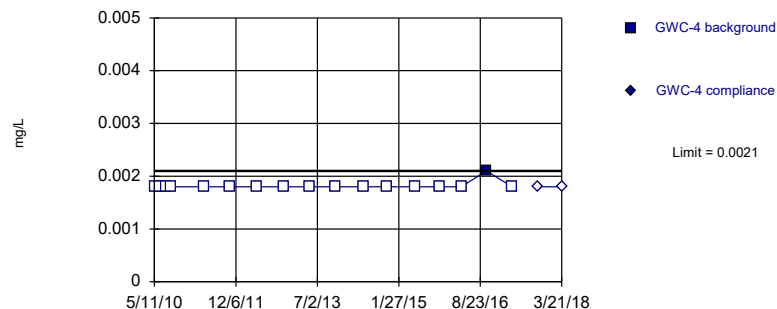


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

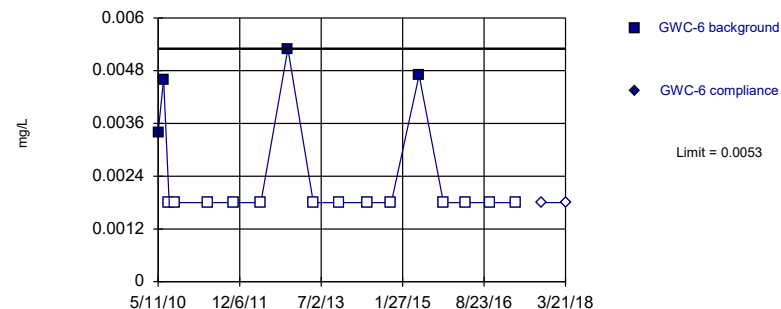


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

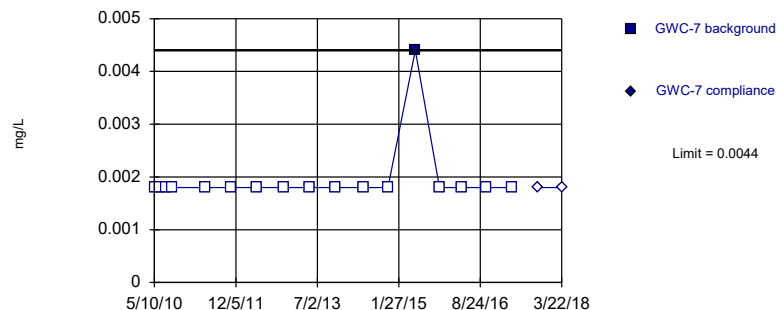


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

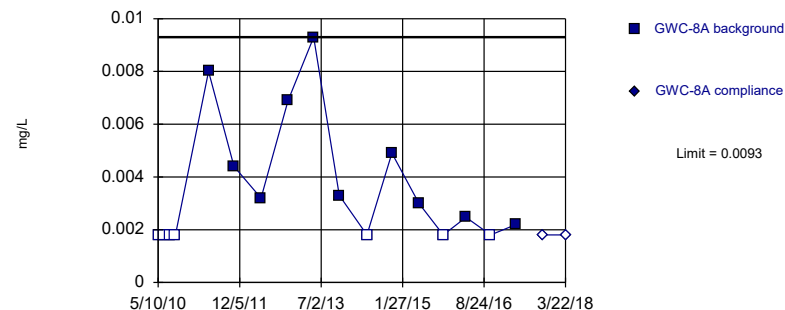


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

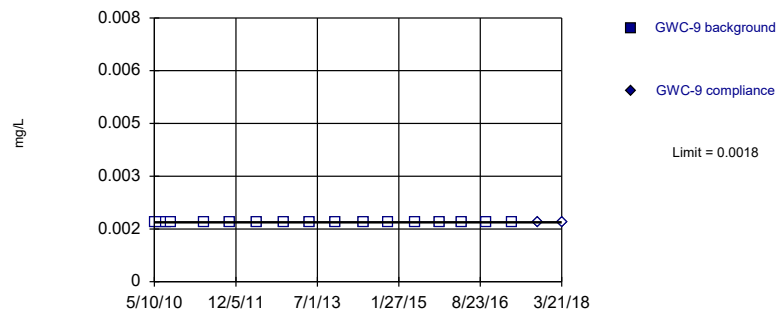


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 41.18% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

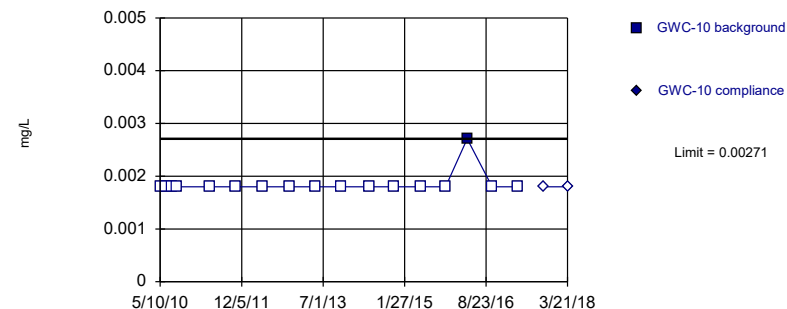


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

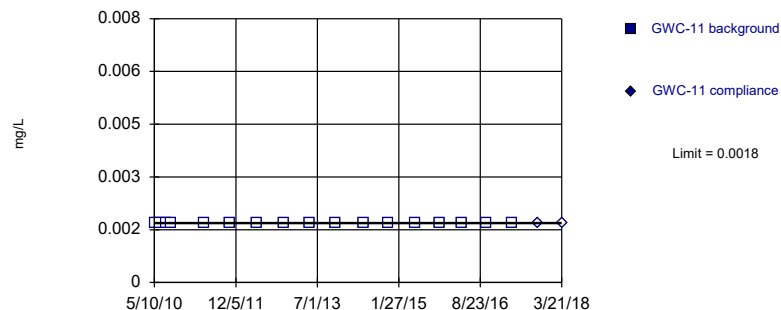


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

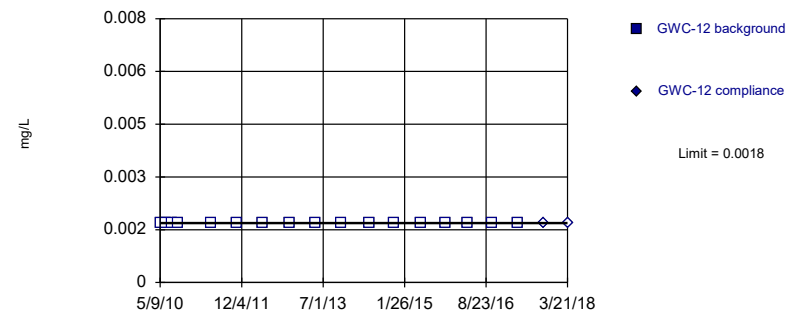


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

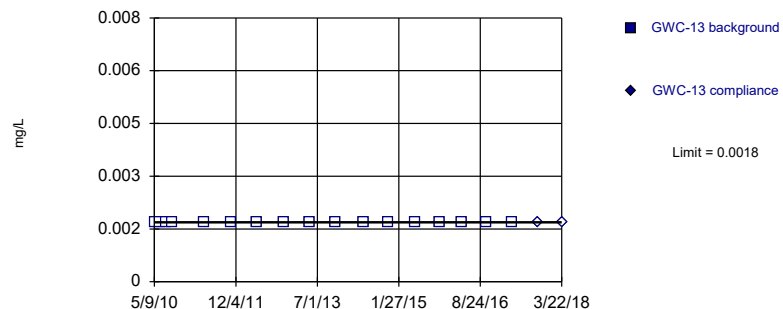


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

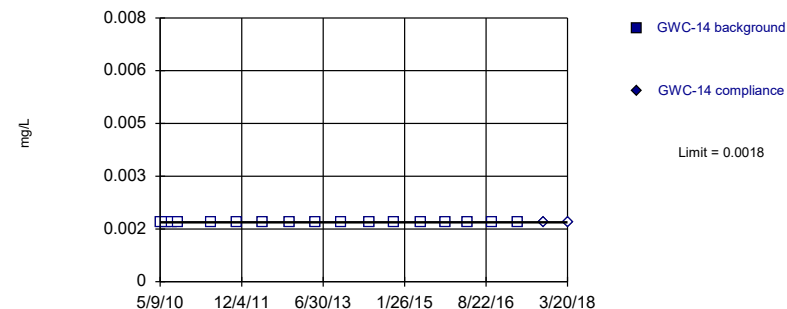


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

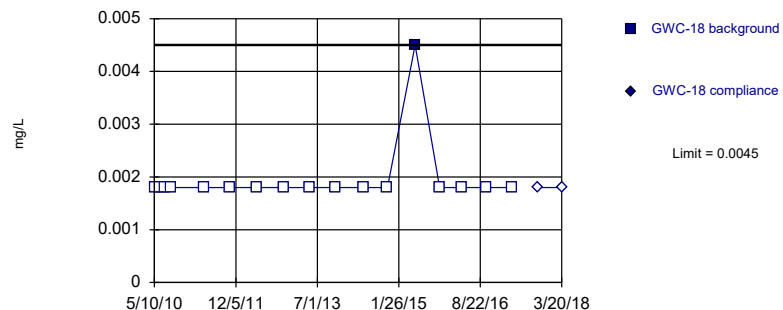


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

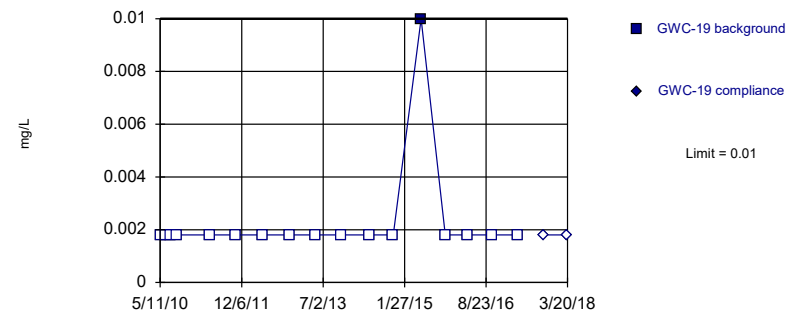


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

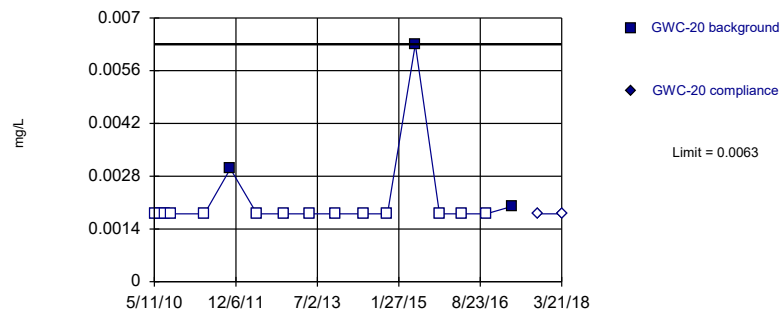


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

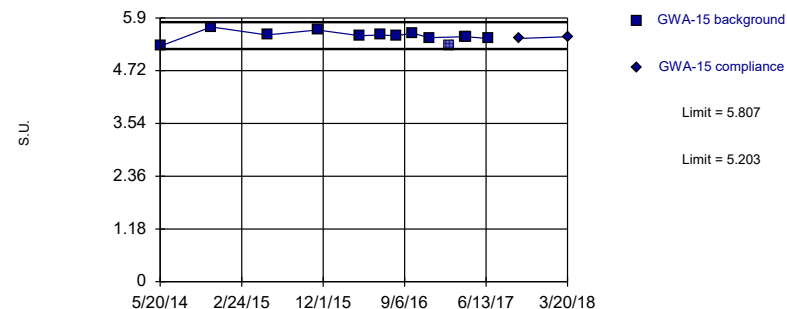


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric

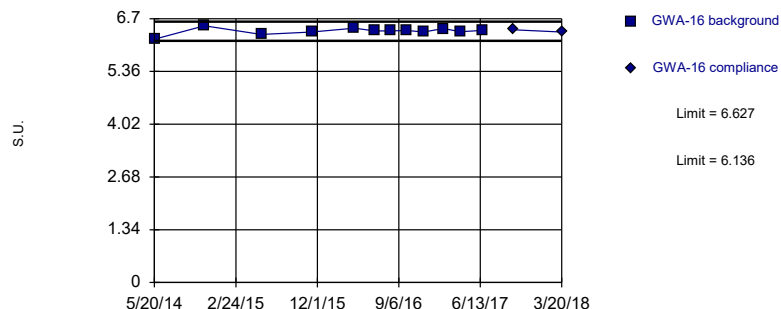


Background Data Summary: Mean=5.505, Std. Dev.=0.1044, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric

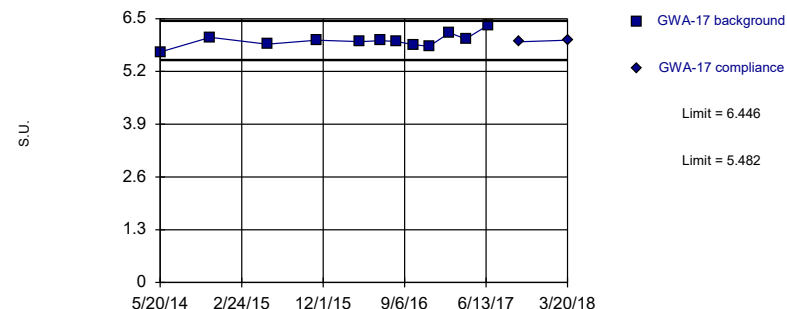


Background Data Summary: Mean=6.382, Std. Dev.=0.08483, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric



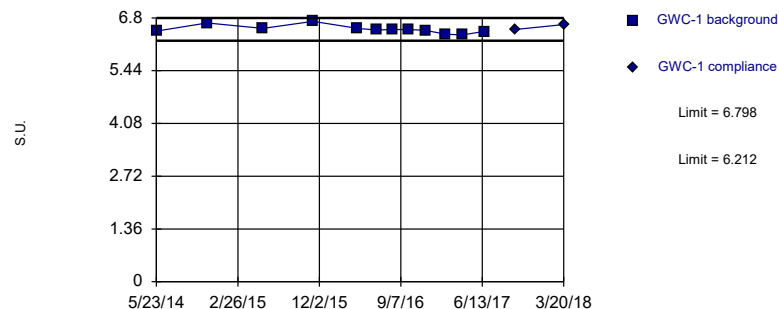
Background Data Summary: Mean=5.964, Std. Dev.=0.1666, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



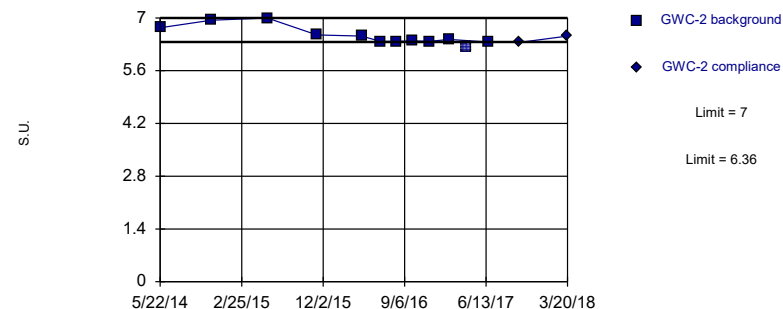
Background Data Summary: Mean=6.505, Std. Dev.=0.1014, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



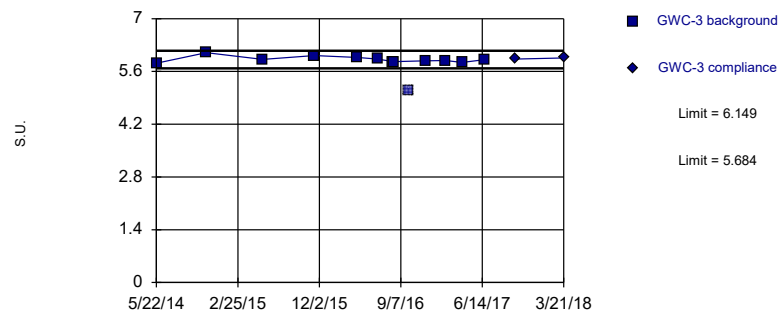
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



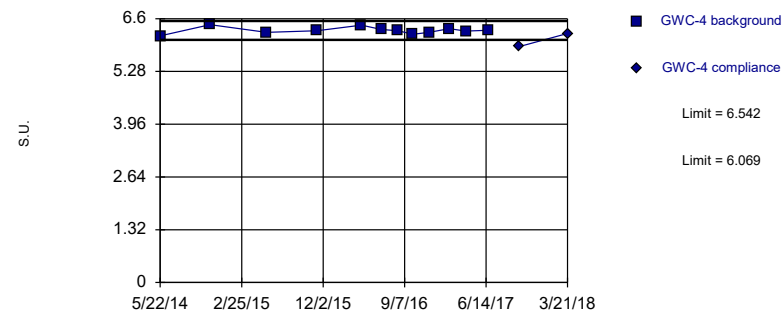
Background Data Summary: Mean=5.917, Std. Dev.=0.08038, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9104, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



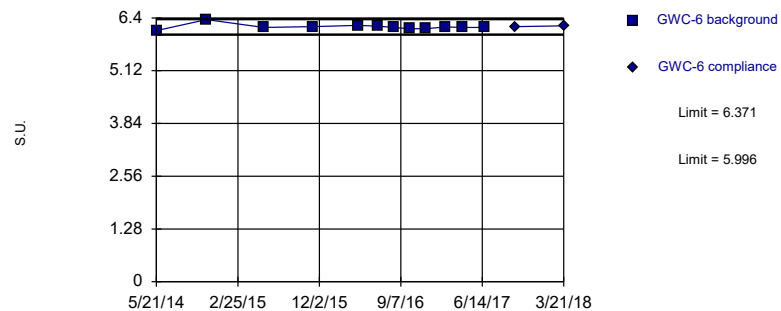
Background Data Summary: Mean=6.306, Std. Dev.=0.08174, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9472, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



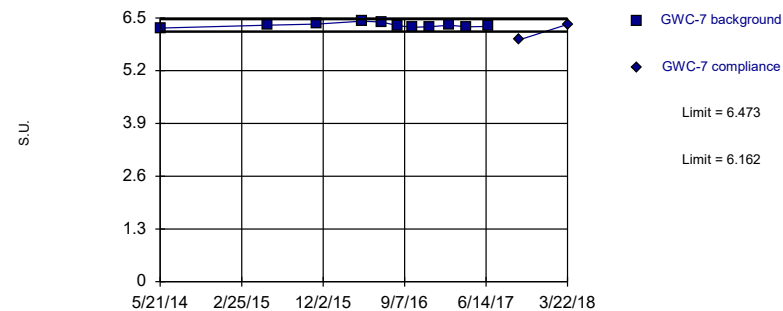
Background Data Summary: Mean=6.183, Std. Dev.=0.06471, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8052, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



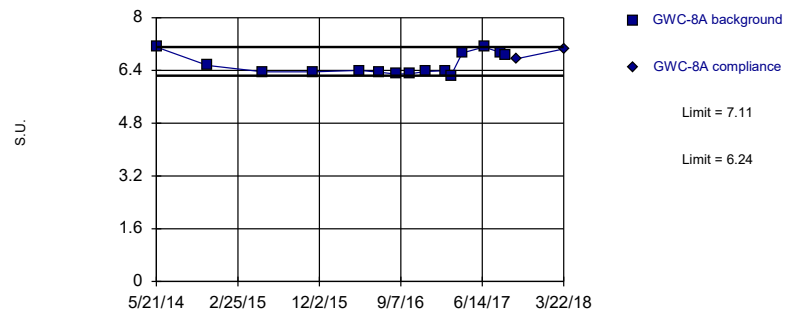
Background Data Summary: Mean=6.317, Std. Dev.=0.05368, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9099, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



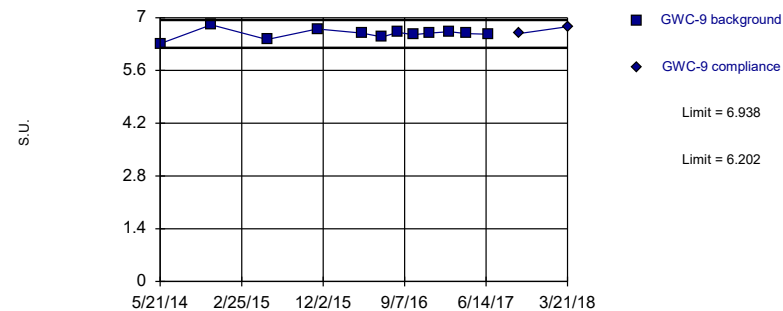
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



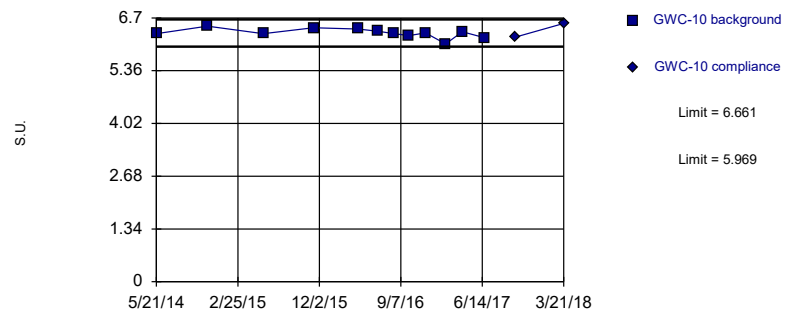
Background Data Summary: Mean=6.57, Std. Dev.=0.1271, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9571, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



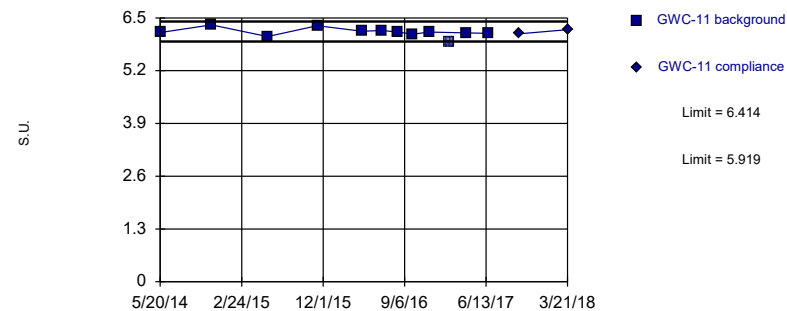
Background Data Summary: Mean=6.315, Std. Dev.=0.1194, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



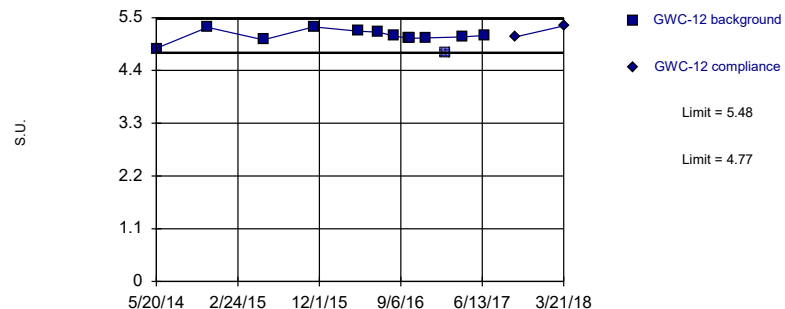
Background Data Summary: Mean=6.166, Std. Dev.=0.08547, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.885, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



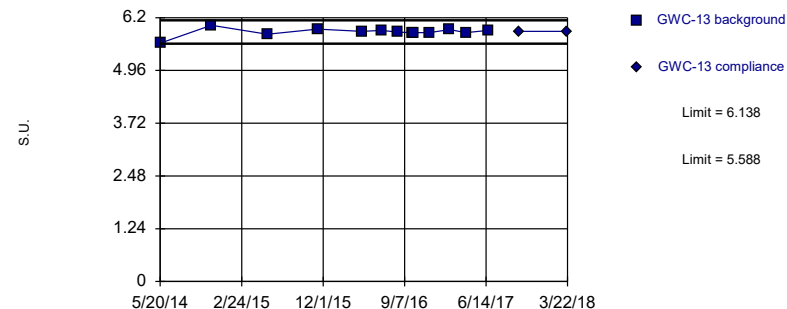
Background Data Summary: Mean=5.125, Std. Dev.=0.1227, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9362, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



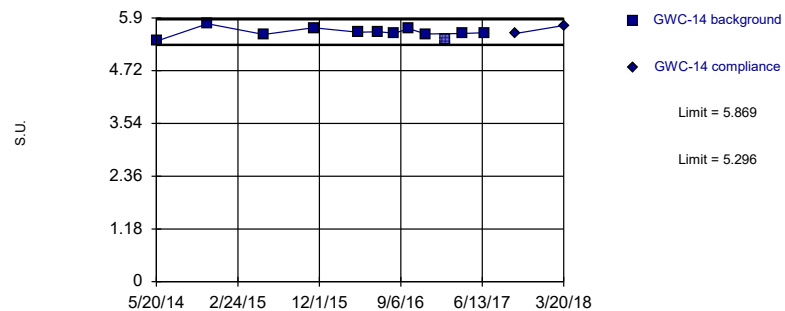
Background Data Summary: Mean=5.863, Std. Dev.=0.0949, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.819, critical = 0.814. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



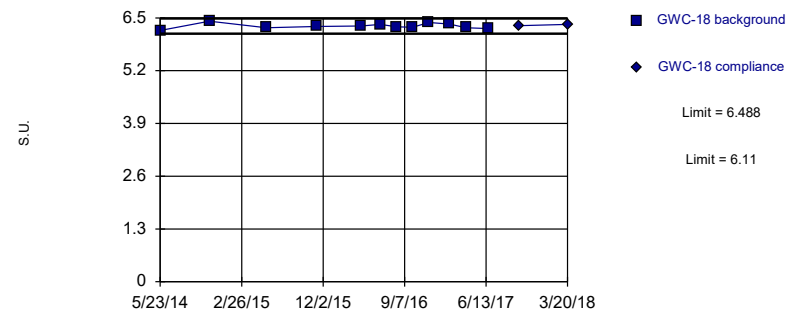
Background Data Summary: Mean=5.583, Std. Dev.=0.099, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



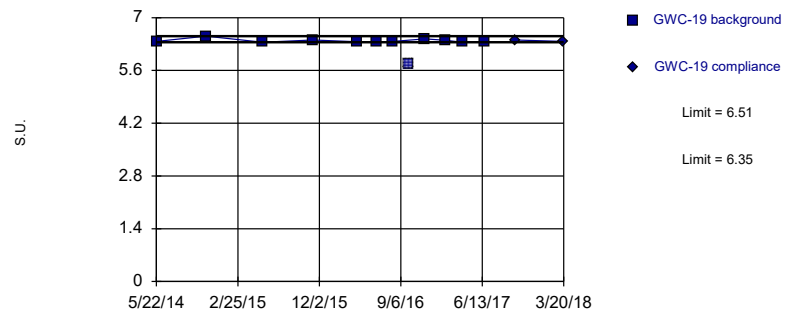
Background Data Summary: Mean=6.299, Std. Dev.=0.06529, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9646, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



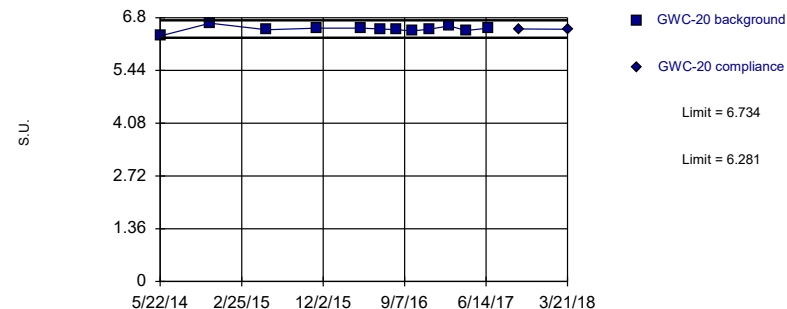
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



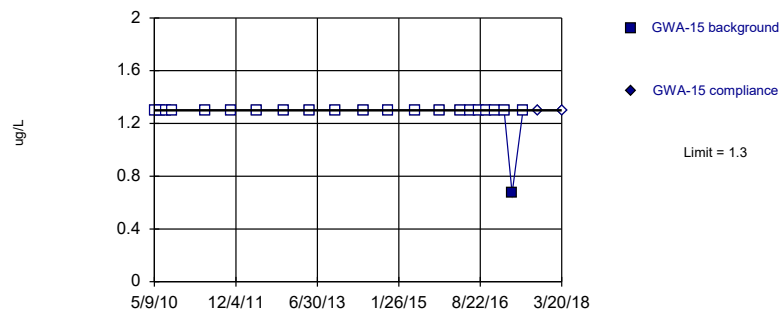
Background Data Summary: Mean=6.508, Std. Dev.=0.07829, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



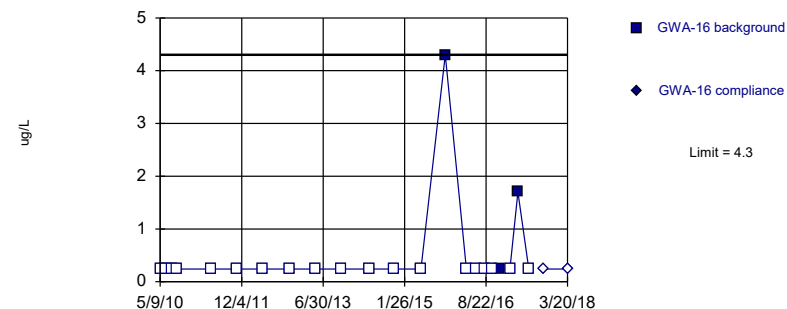
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



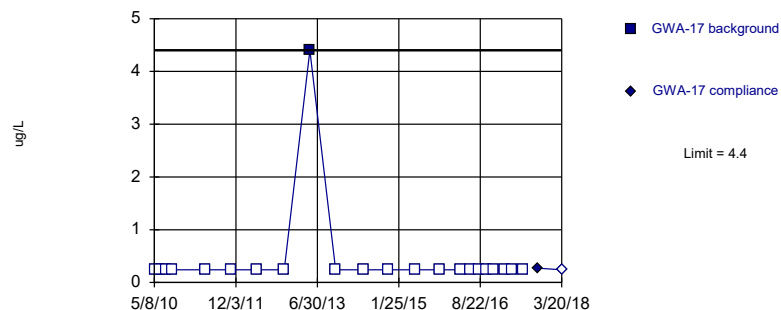
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



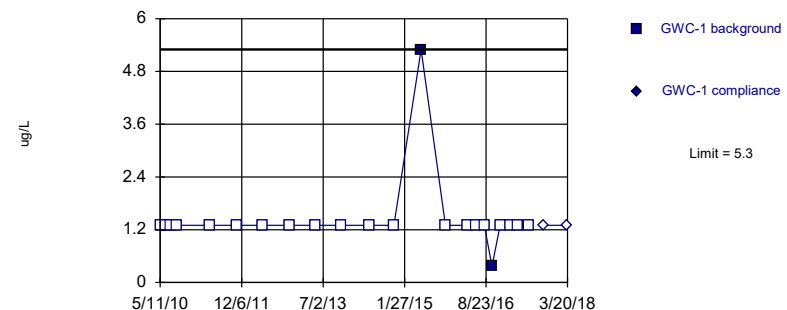
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



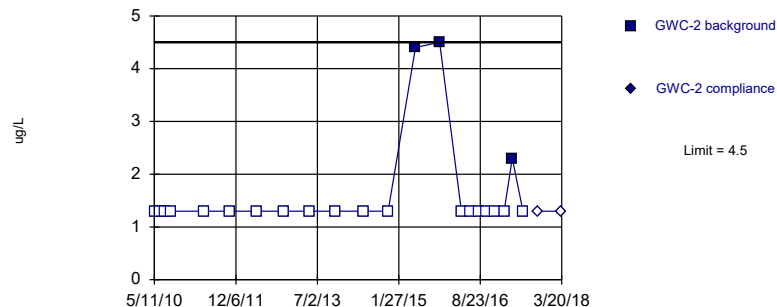
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



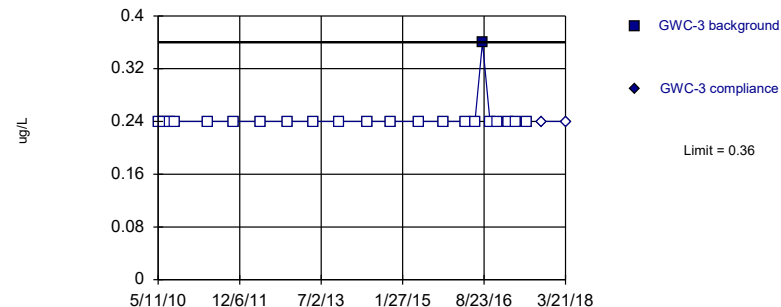
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



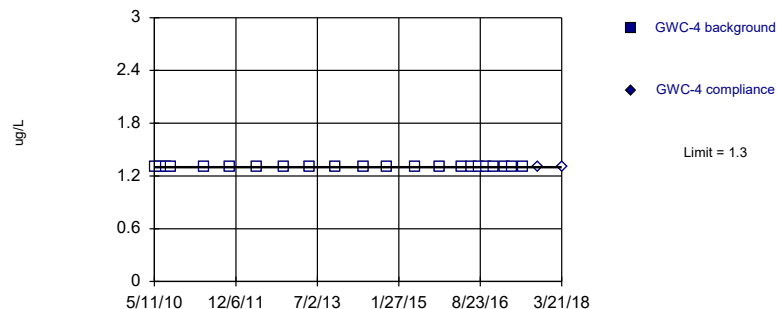
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



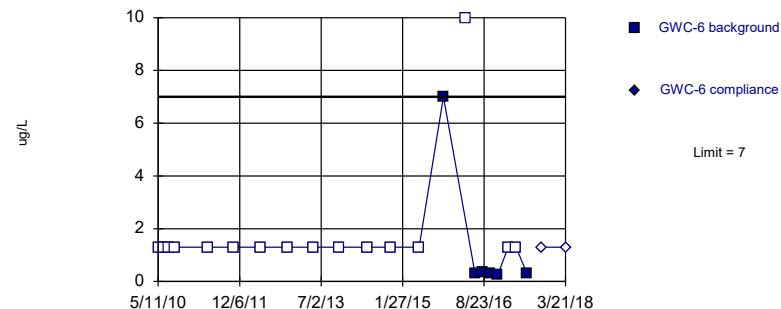
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

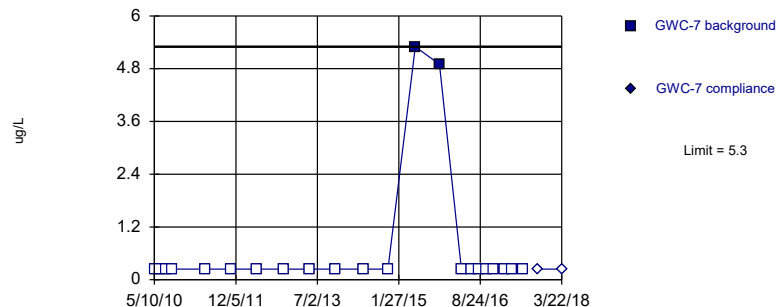


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

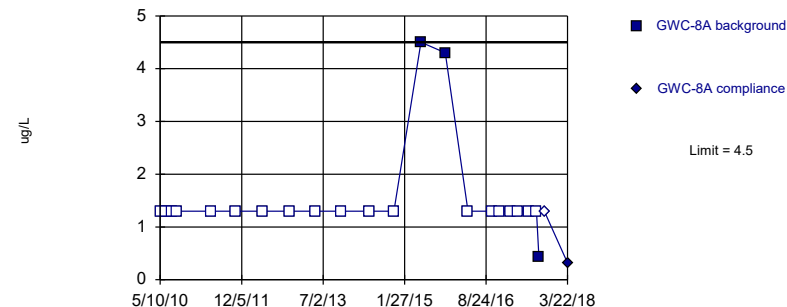


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

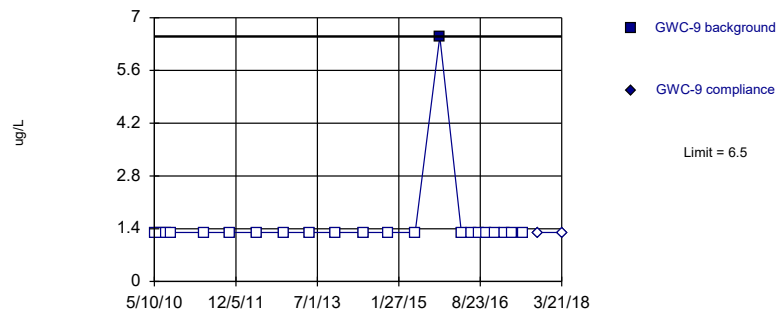


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

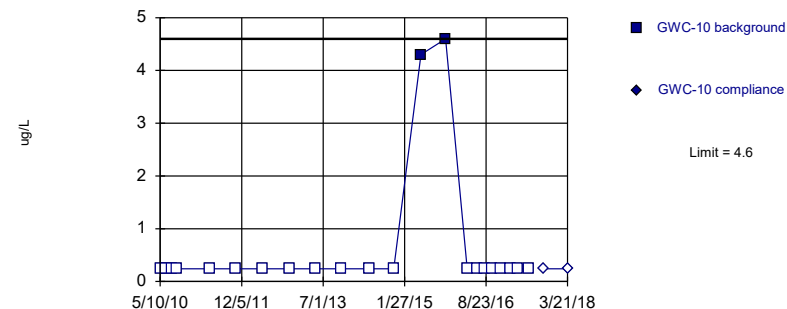


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

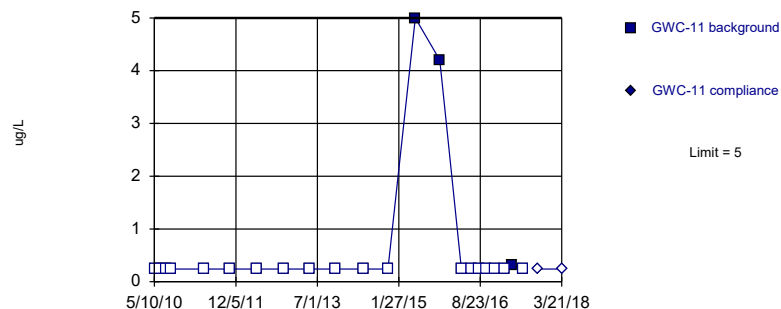


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

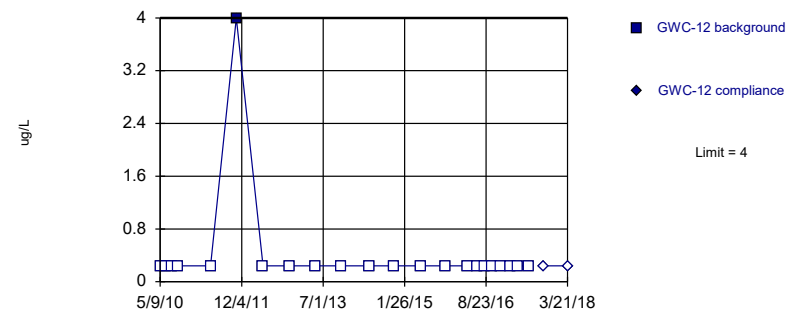


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

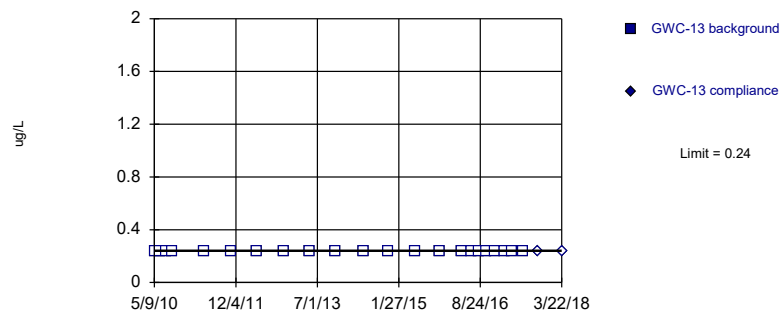


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

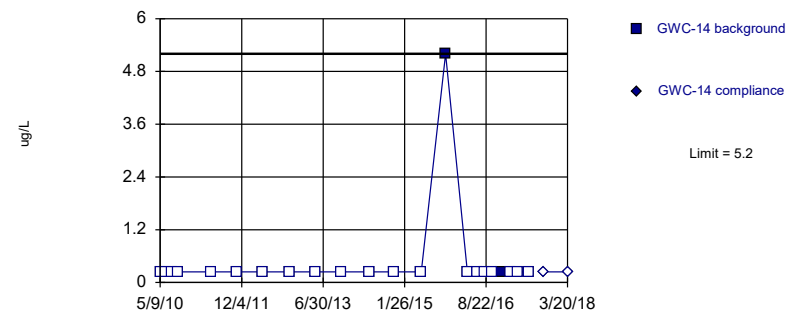


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

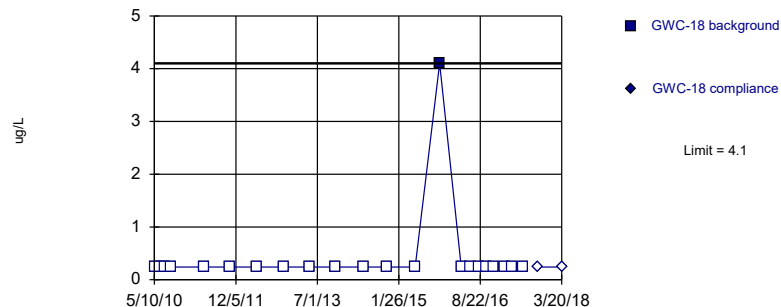


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

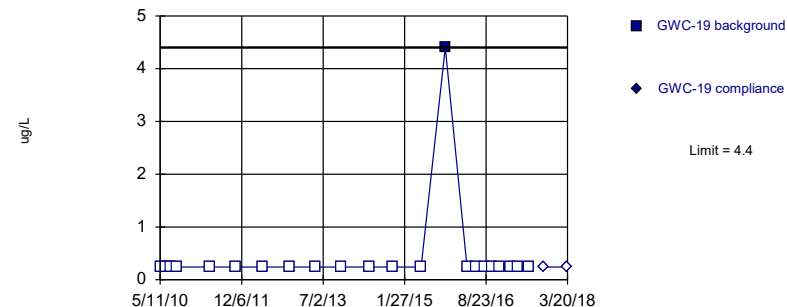


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

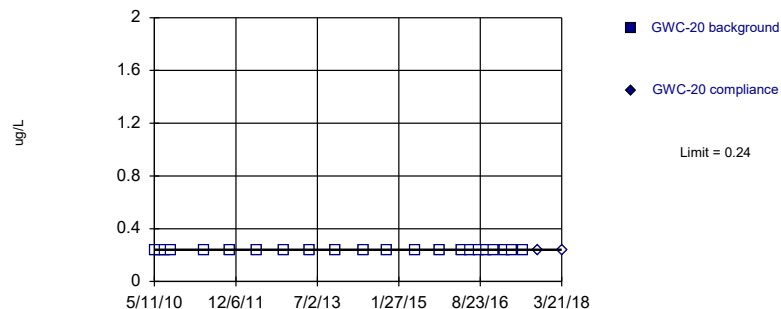


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

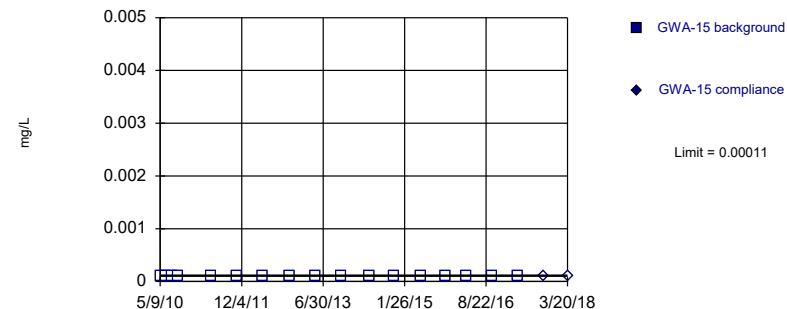


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

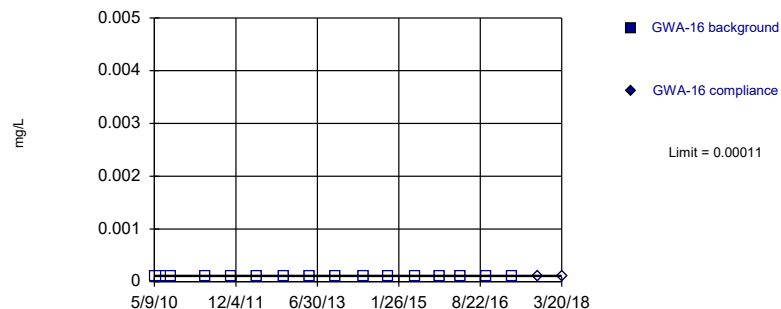


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

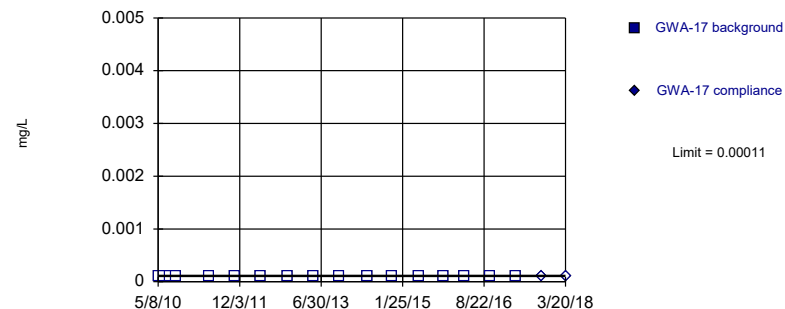


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

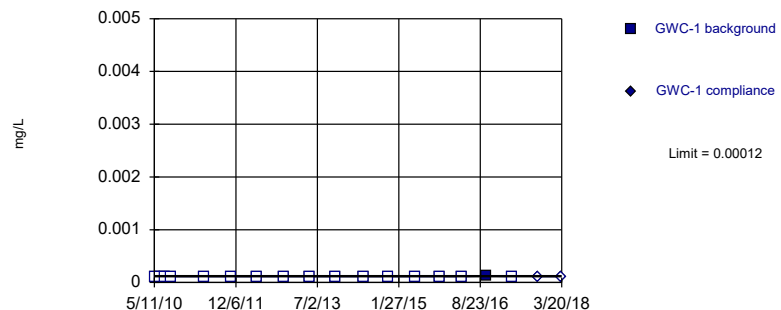


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

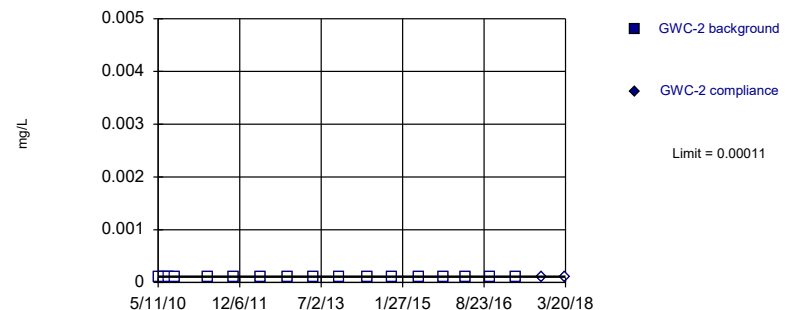


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

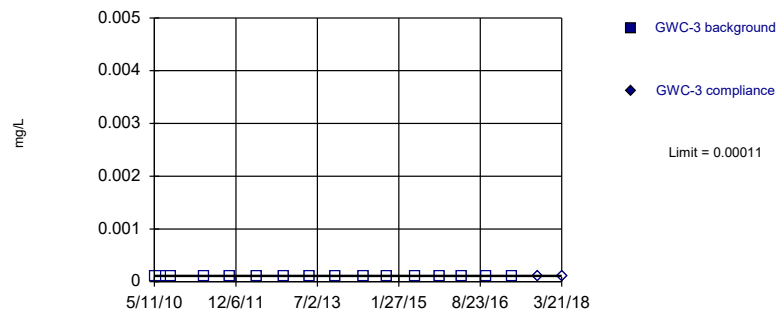


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

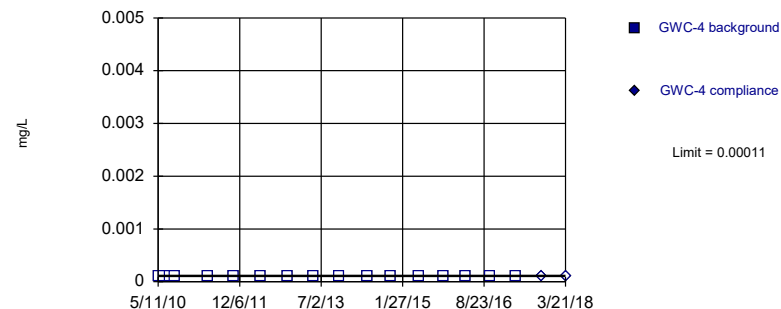


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

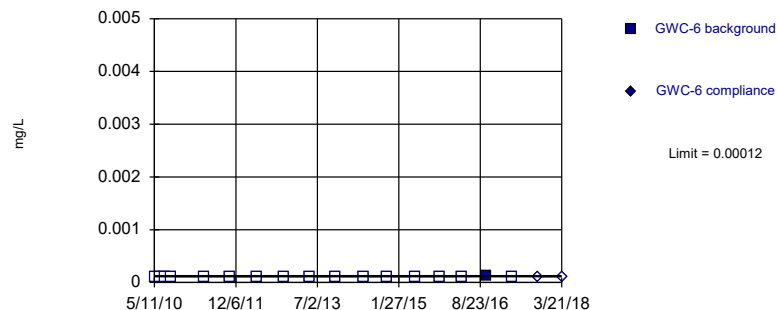


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

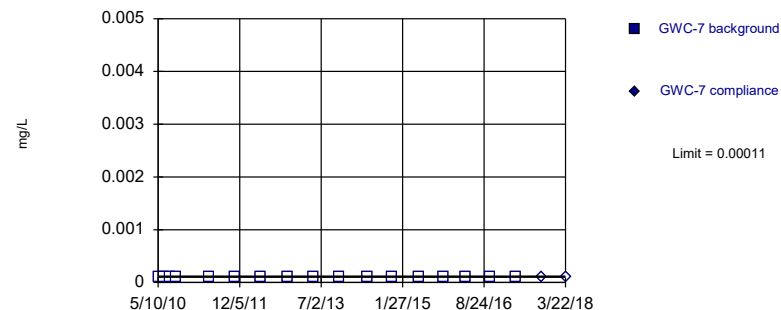


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

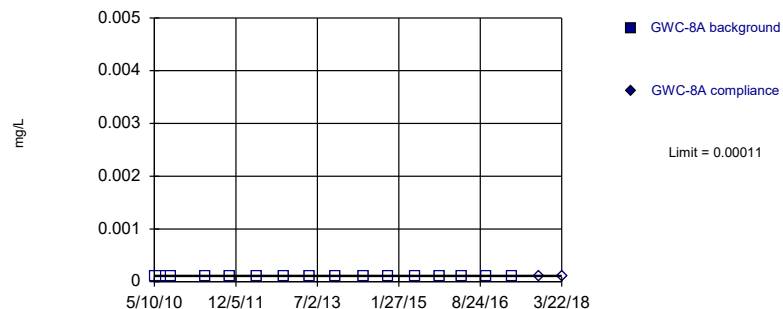


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

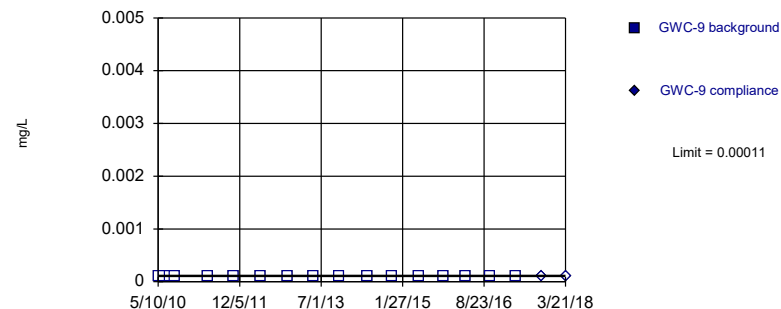


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

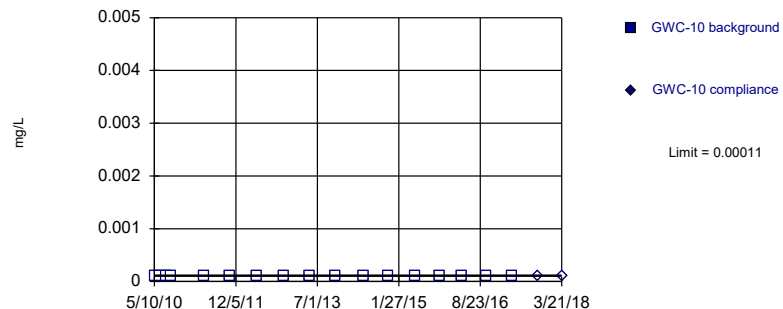


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

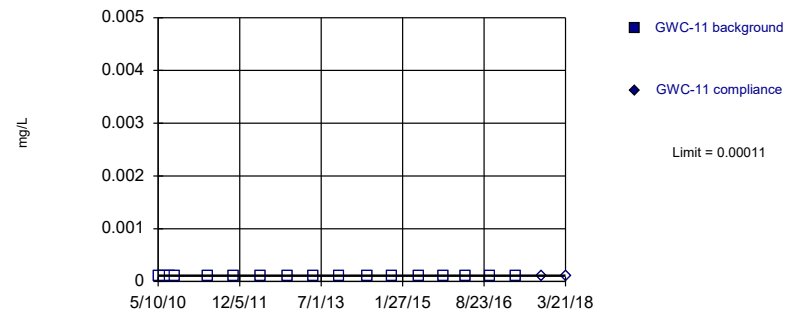


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

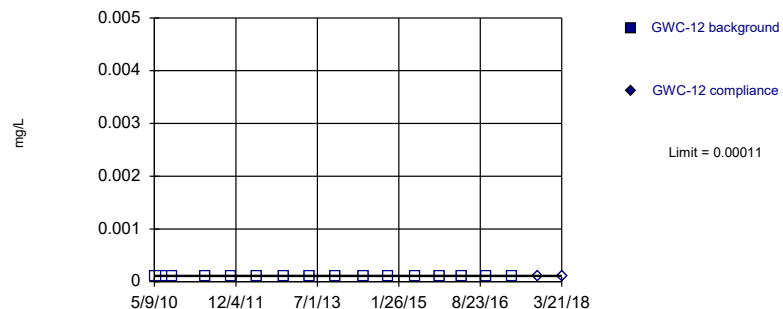


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

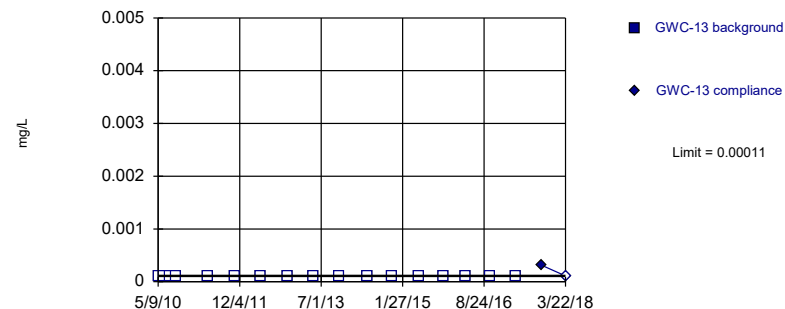


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 17$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

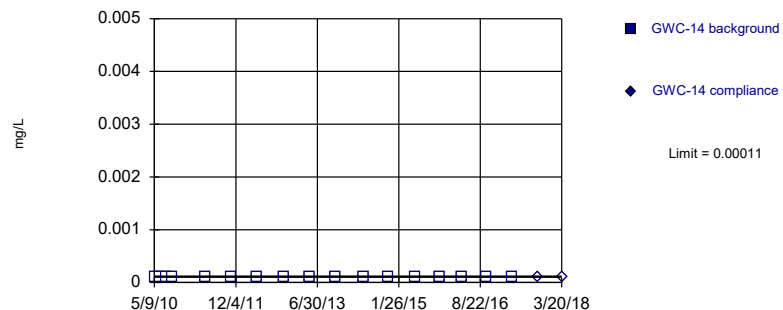


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 17$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

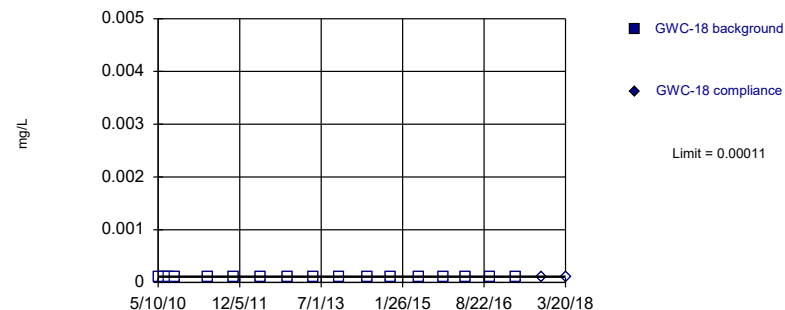


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 17$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

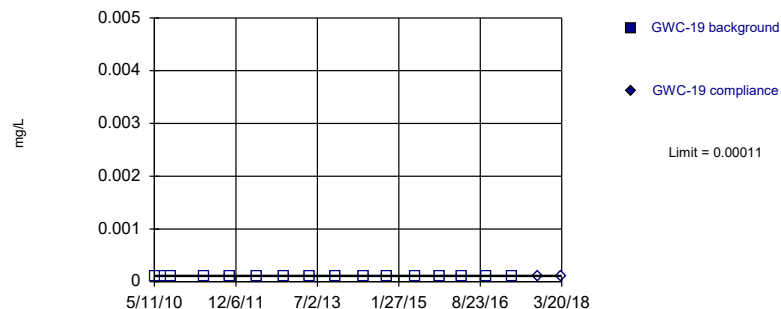


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 17$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

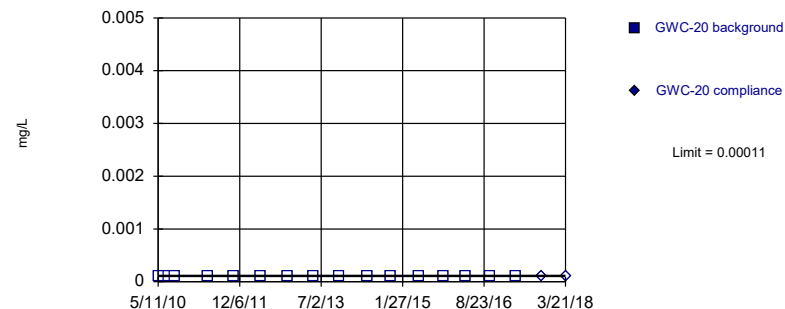


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

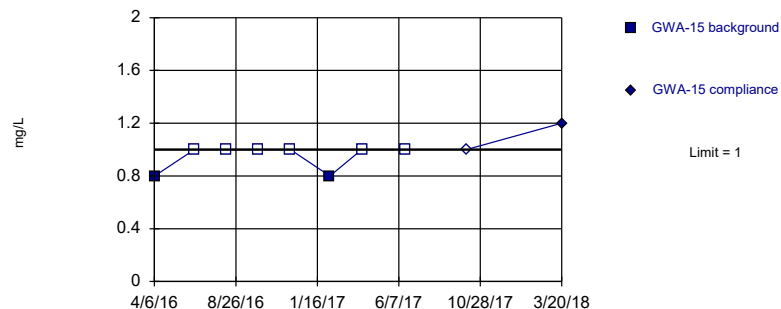


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

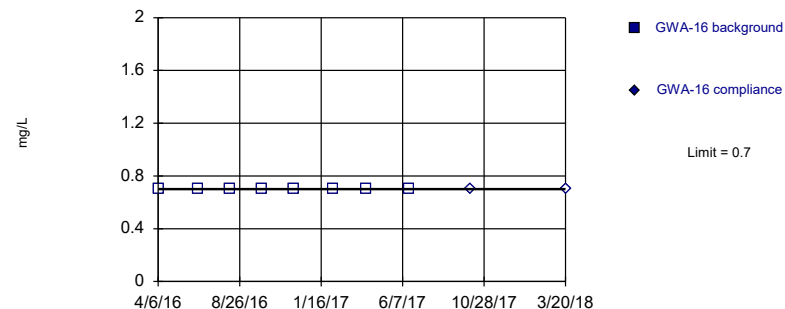


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

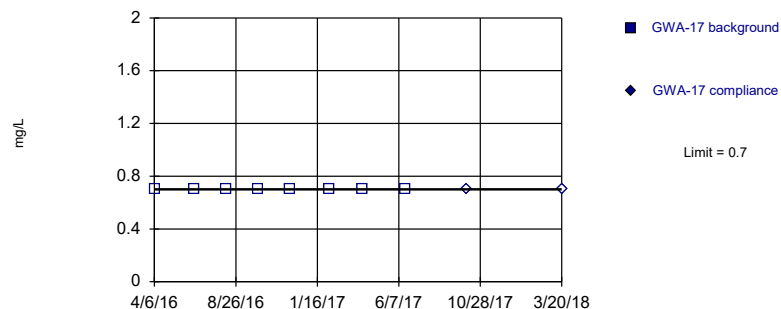


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

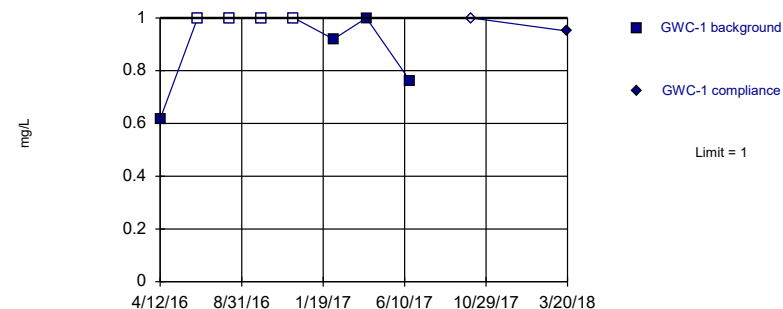


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

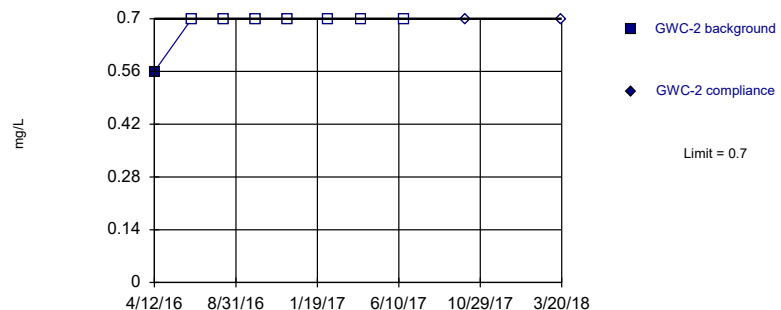


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. 50% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

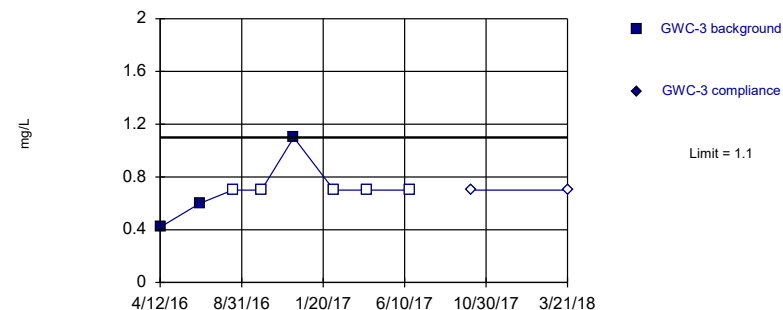


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



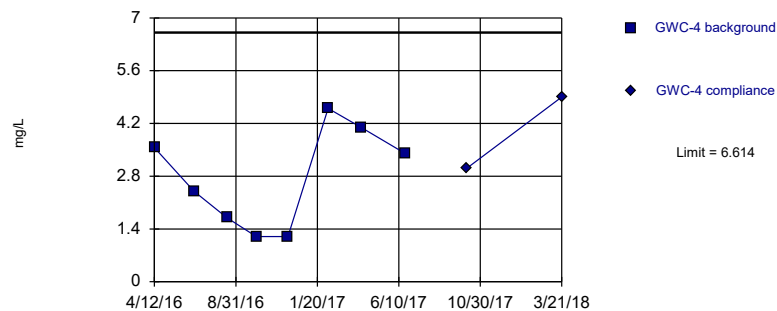
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



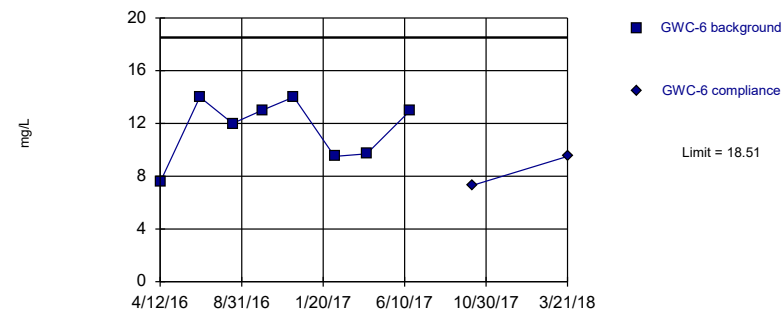
Background Data Summary: Mean=2.77, Std. Dev.=1.328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



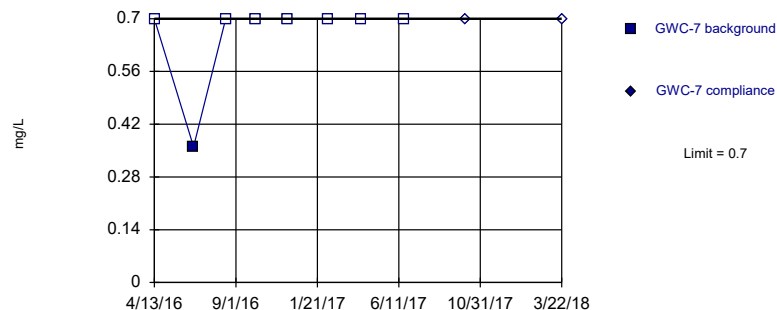
Background Data Summary: Mean=11.59, Std. Dev.=2.391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



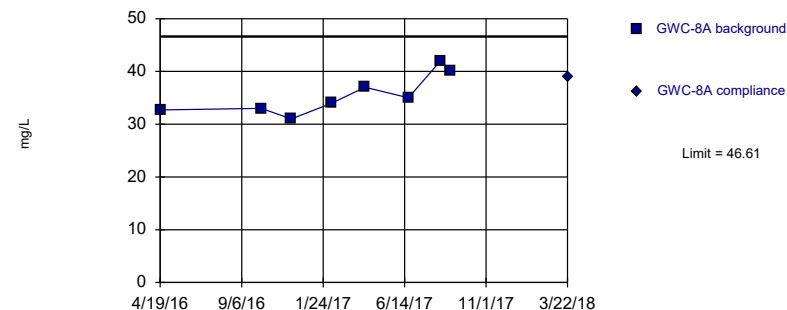
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



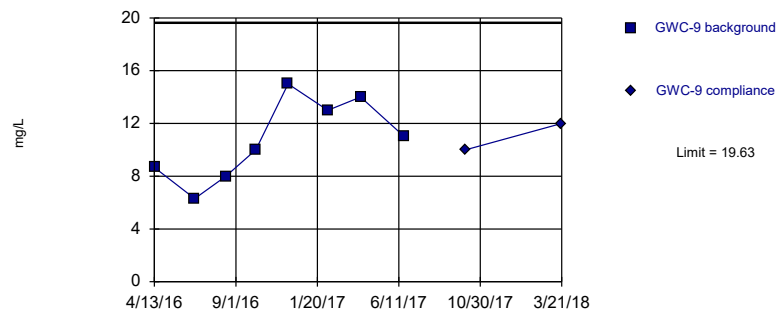
Background Data Summary: Mean=35.59, Std. Dev.=3.808, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9306, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=10.75, Std. Dev.=3.072, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9633, critical = 0.749. Kappa overridden to 2.894.

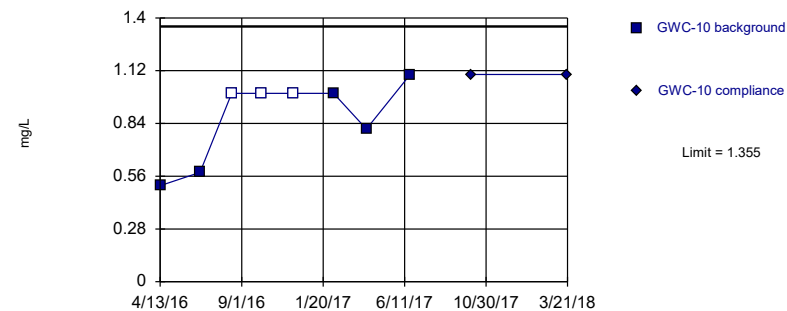
Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7375, Std. Dev.=0.2133, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8104, critical = 0.749. Kappa overridden to 2.894.

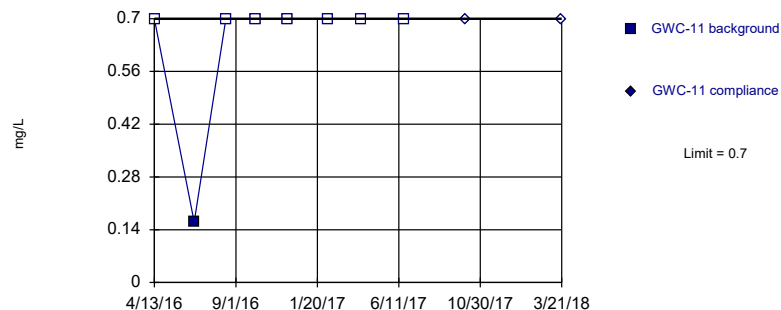
Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

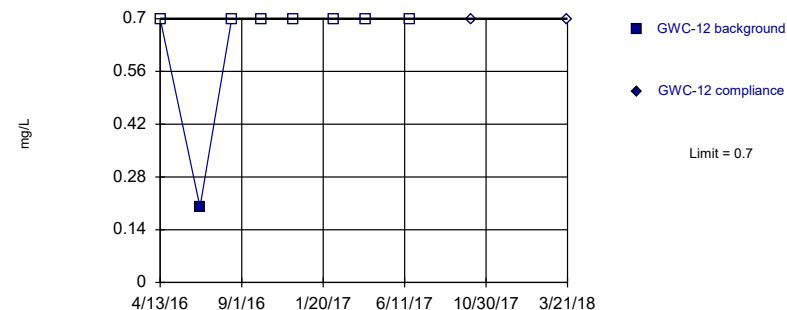
Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

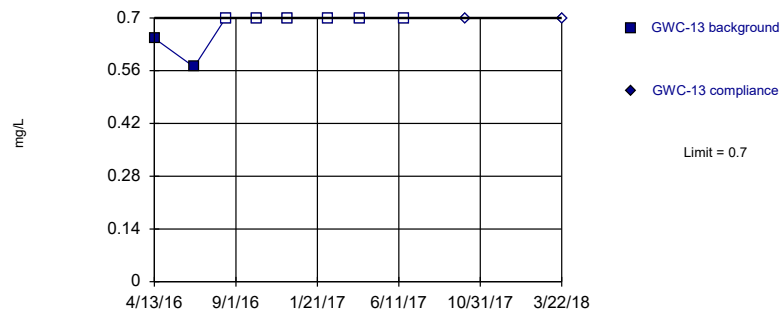


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

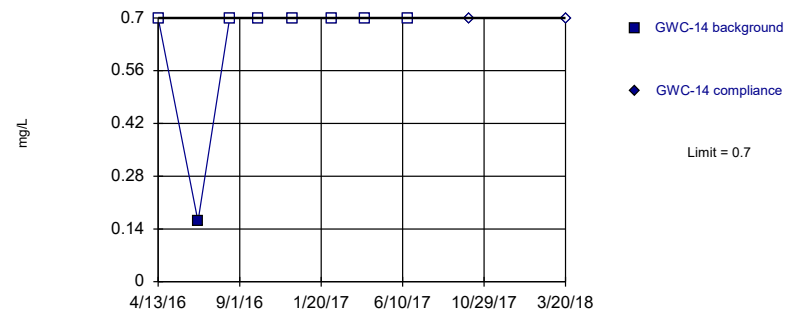


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

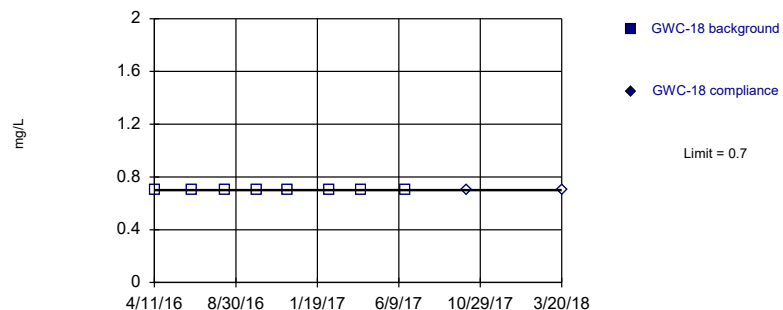


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

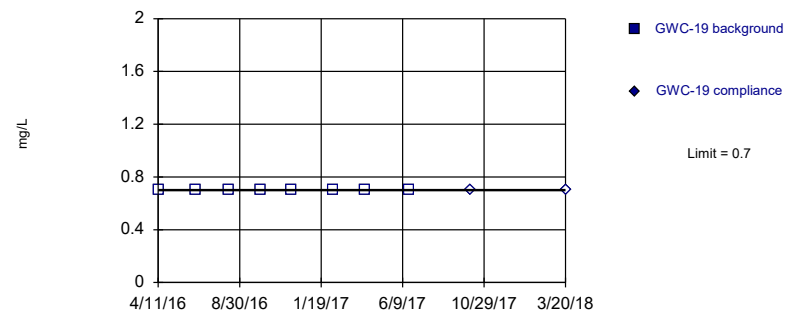


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

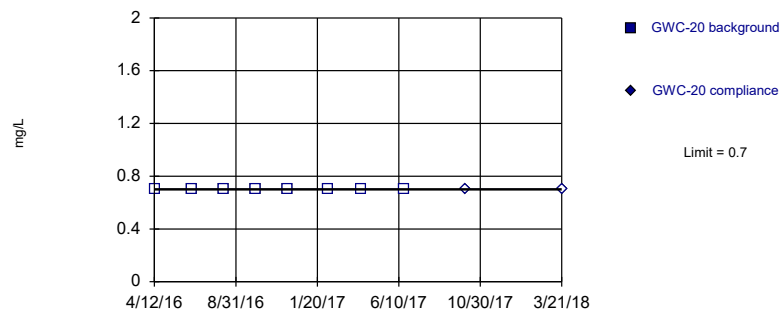


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

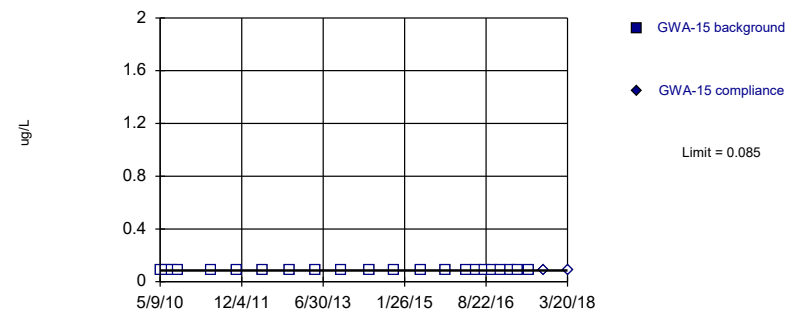


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

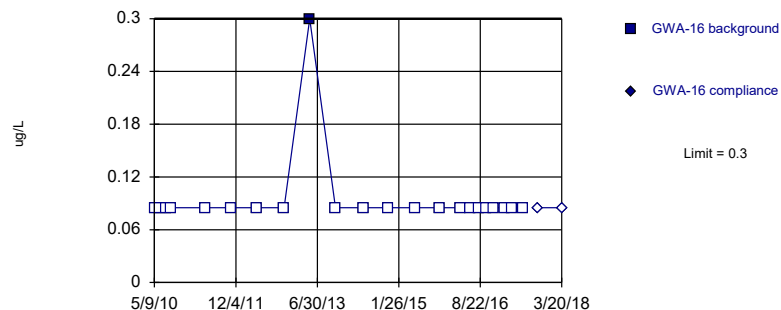


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

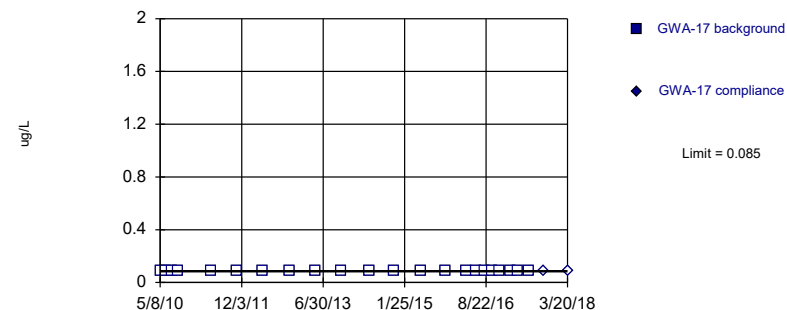


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



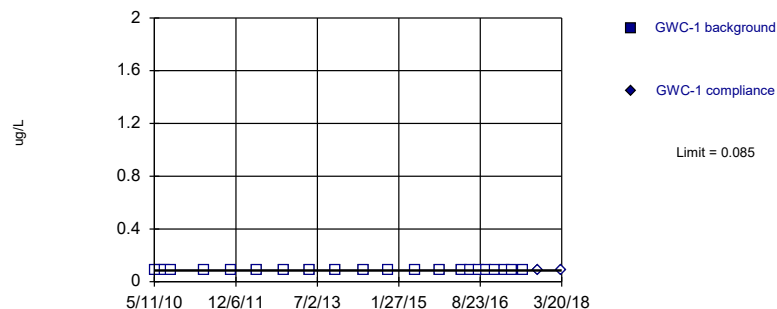
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



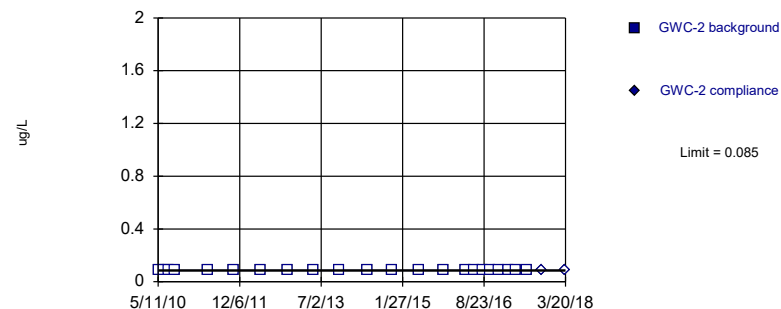
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



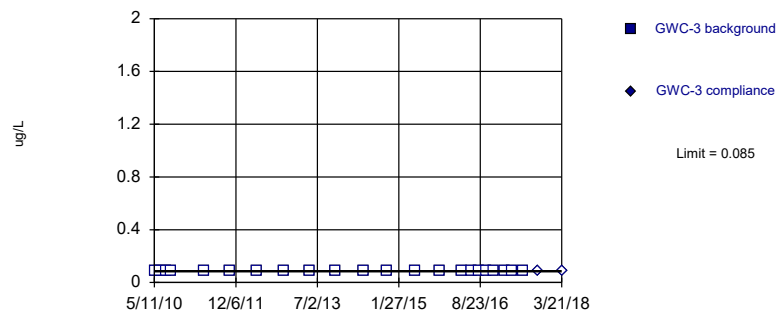
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



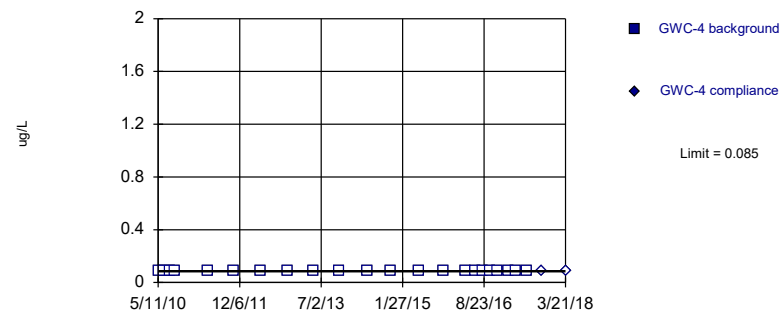
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

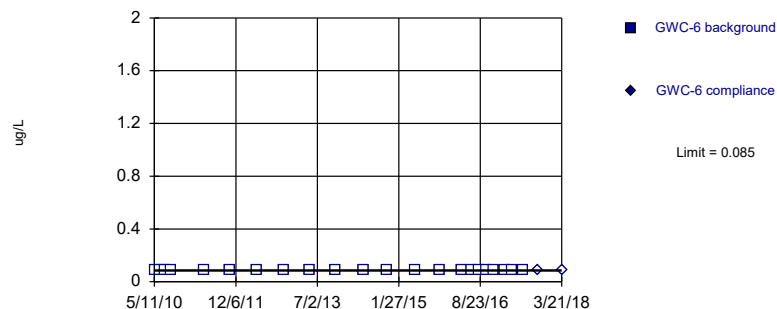


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

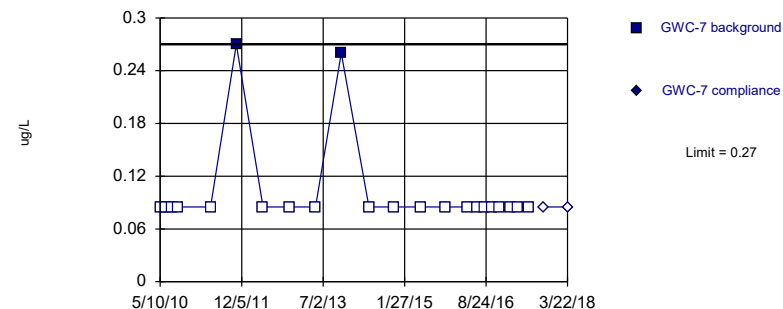


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

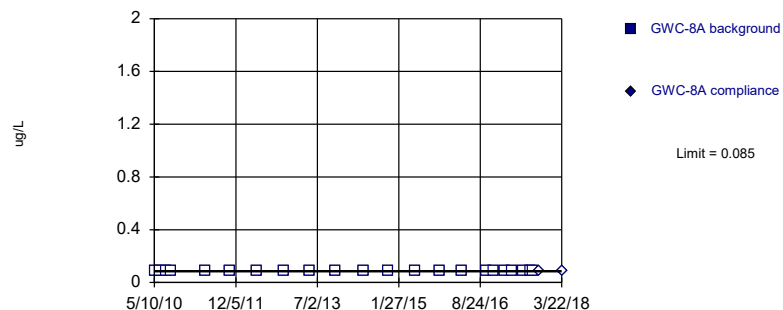


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

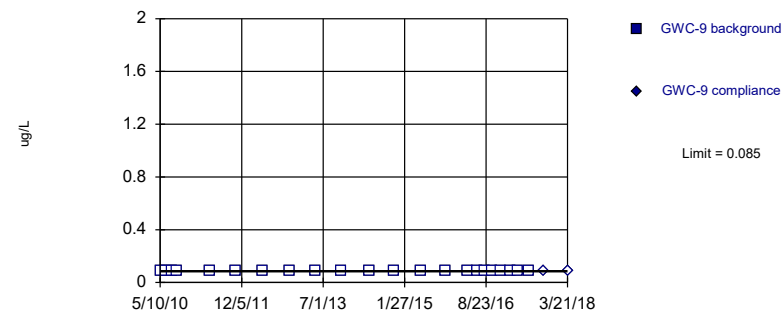


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

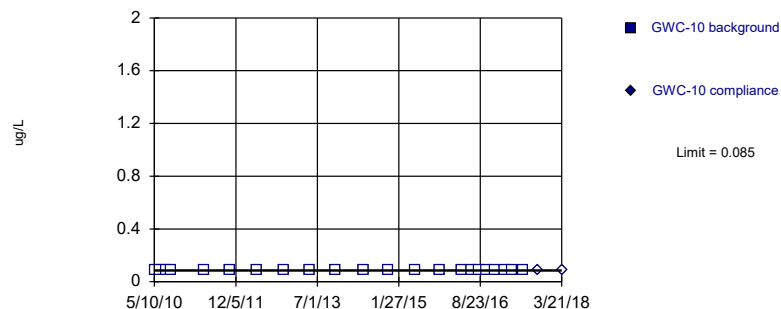


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

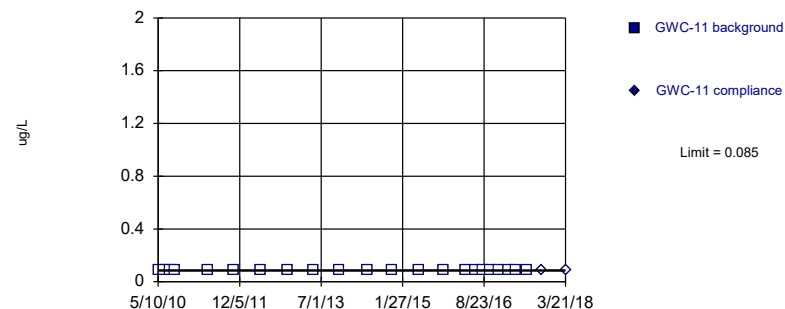


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

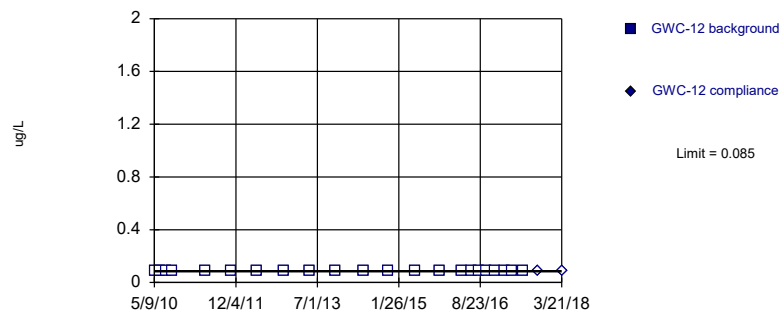


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

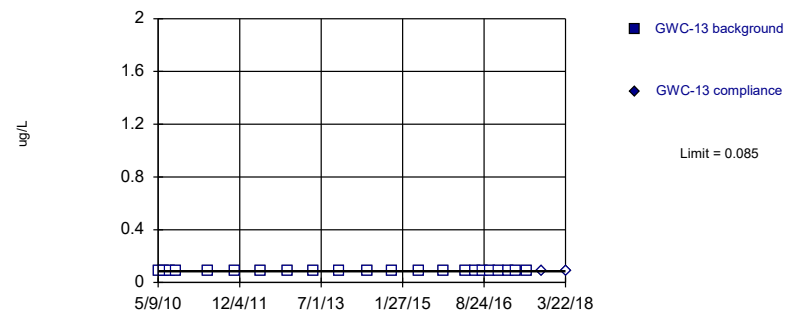


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

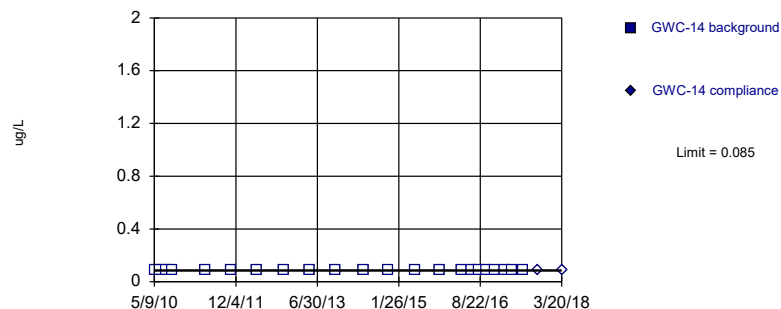


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

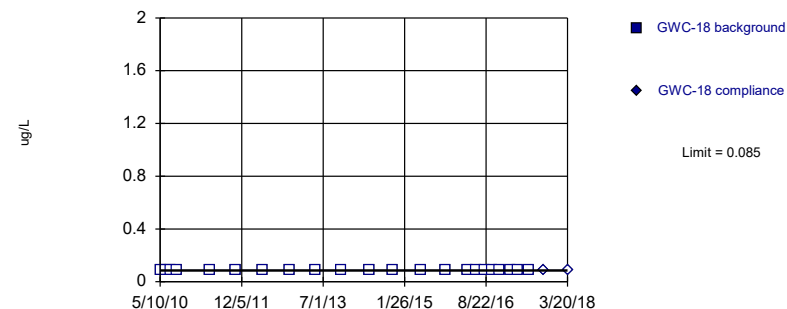


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

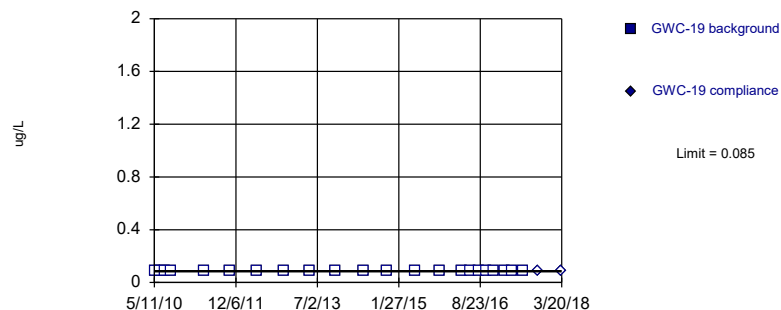


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

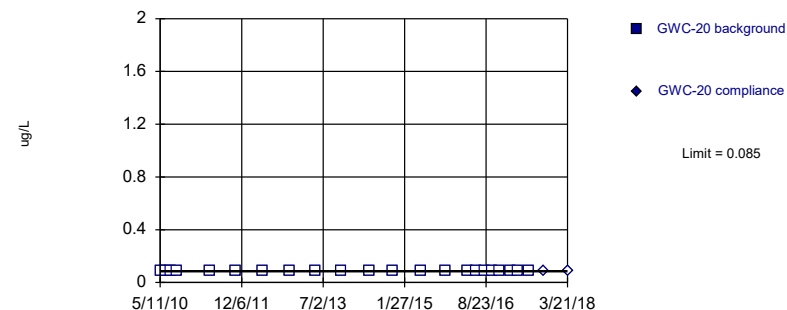


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



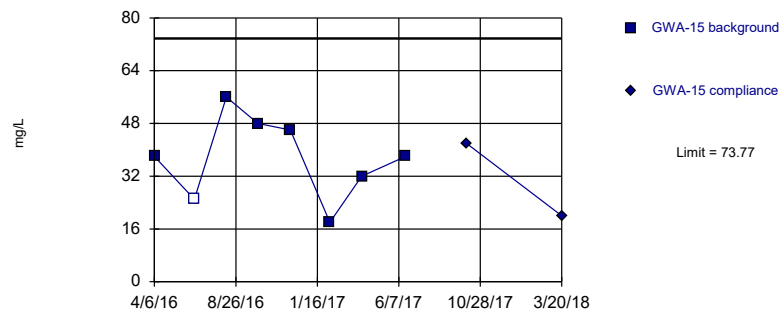
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



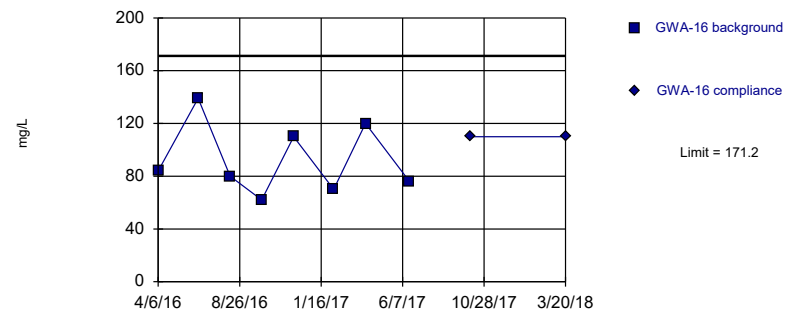
Background Data Summary: Mean=37.63, Std. Dev.=12.49, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9802, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



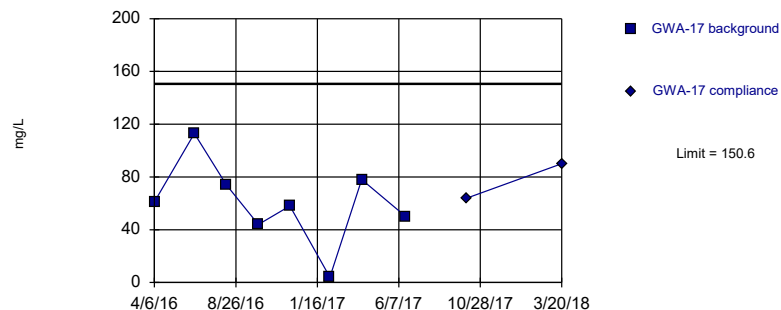
Background Data Summary: Mean=92.63, Std. Dev.=27.16, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9109, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



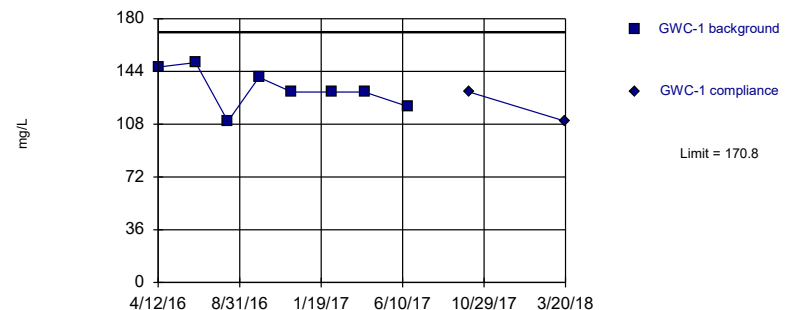
Background Data Summary: Mean=60.25, Std. Dev.=31.23, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



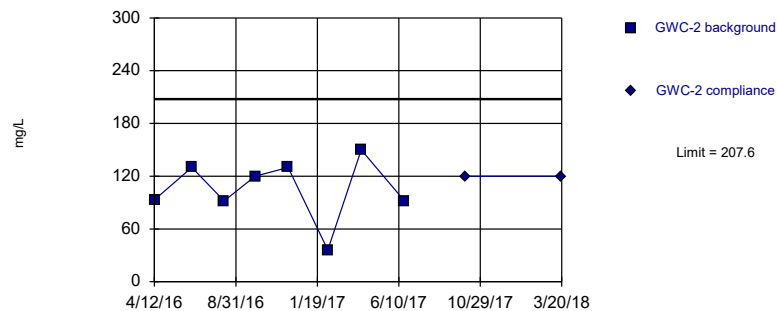
Background Data Summary: Mean=132.1, Std. Dev.=13.38, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9497, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



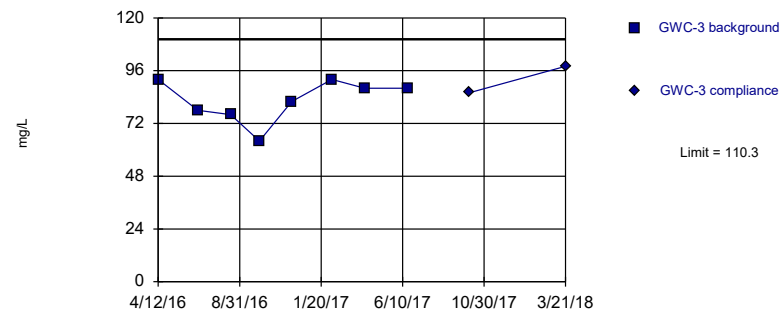
Background Data Summary: Mean=105.4, Std. Dev.=35.34, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9092, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



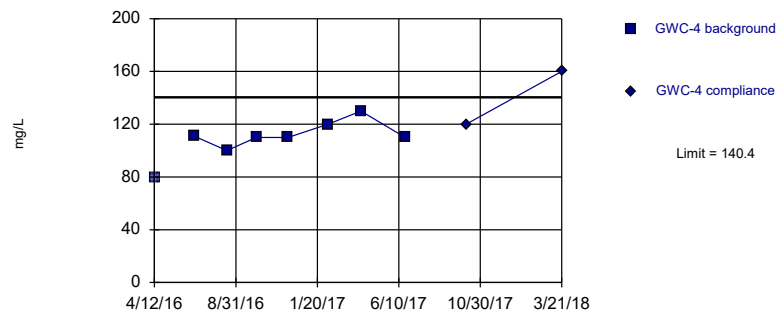
Background Data Summary: Mean=82.5, Std. Dev.=9.607, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



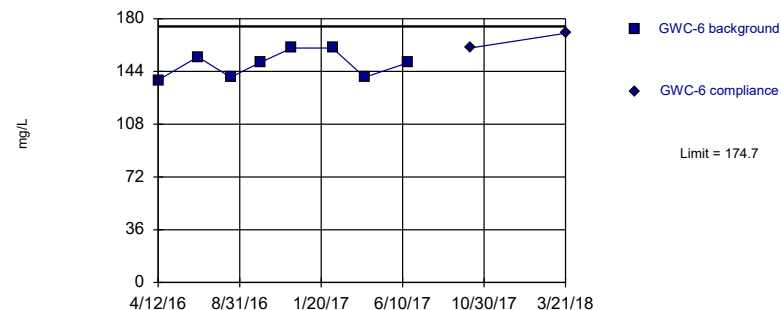
Background Data Summary: Mean=113, Std. Dev.=9.469, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.889, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



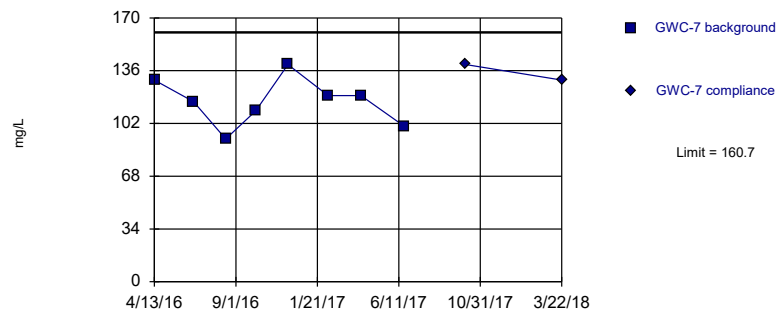
Background Data Summary: Mean=149, Std. Dev.=8.88, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8834, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



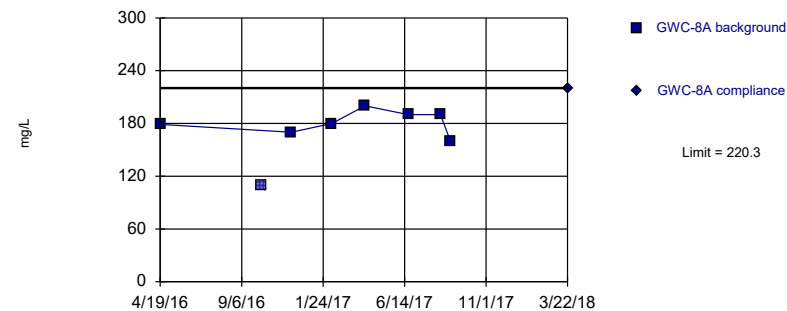
Background Data Summary: Mean=116, Std. Dev.=15.46, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



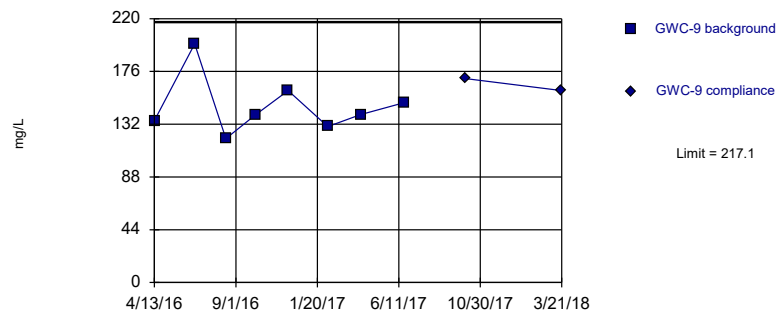
Background Data Summary: Mean=181.3, Std. Dev.=13.47, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



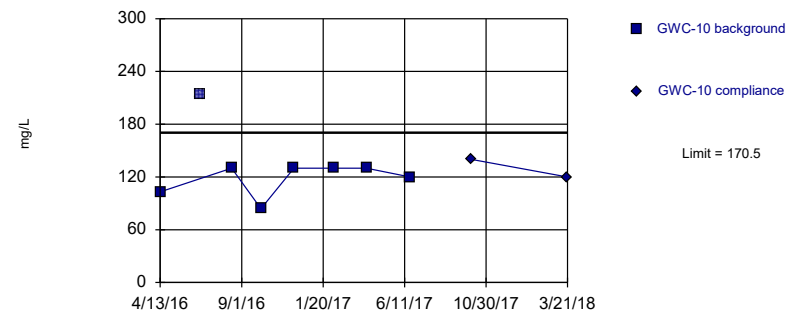
Background Data Summary: Mean=146.8, Std. Dev.=24.32, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8669, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



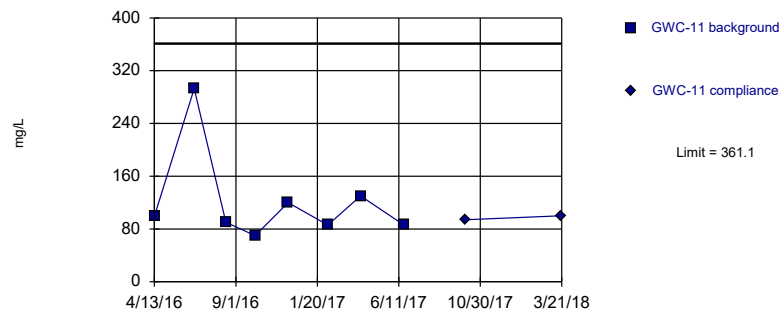
Background Data Summary: Mean=118.1, Std. Dev.=18.08, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7464, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



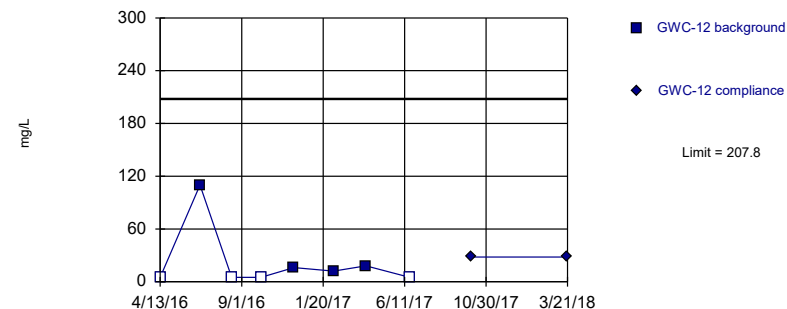
Background Data Summary (based on cube root transformation): Mean=4.837, Std. Dev.=0.7892, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7682, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



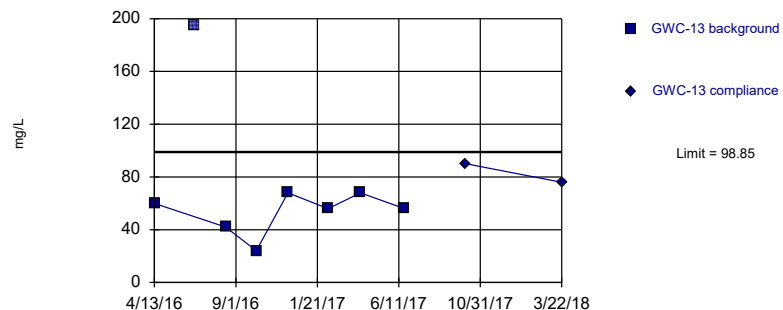
Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=2.411, Std. Dev.=1.011, n=8, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



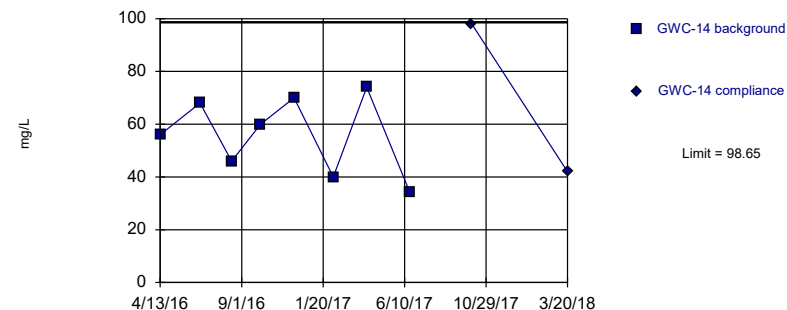
Background Data Summary: Mean=53.43, Std. Dev.=15.69, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8705, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



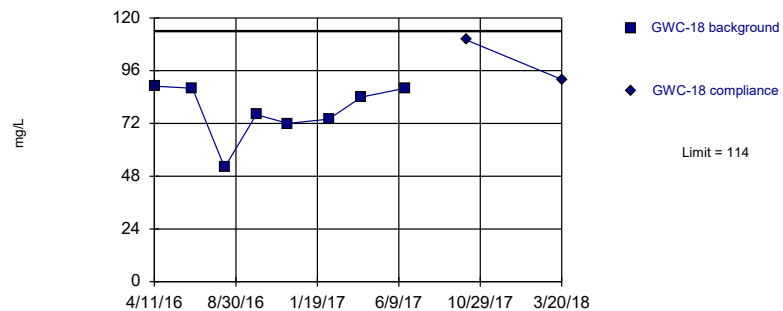
Background Data Summary: Mean=56, Std. Dev.=14.74, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.938, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



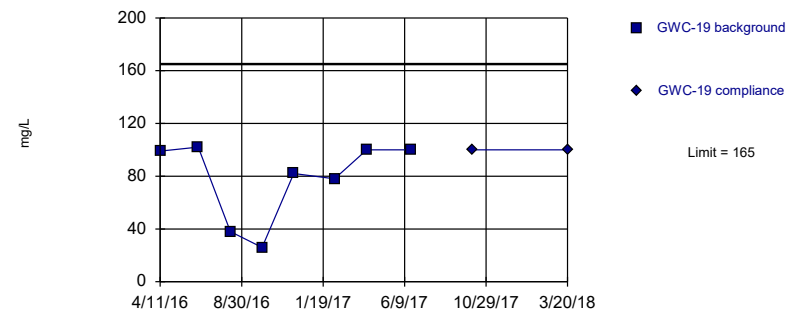
Background Data Summary: Mean=77.88, Std. Dev.=12.47, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8456, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



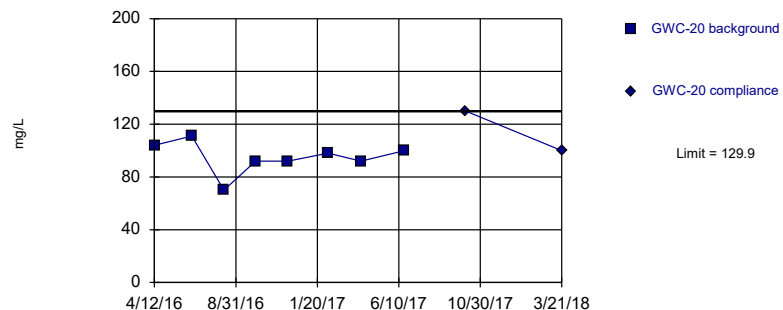
Background Data Summary: Mean=78.13, Std. Dev.=30.01, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7861, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=94.88, Std. Dev.=12.09, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.749. Kappa overridden to 2.894.

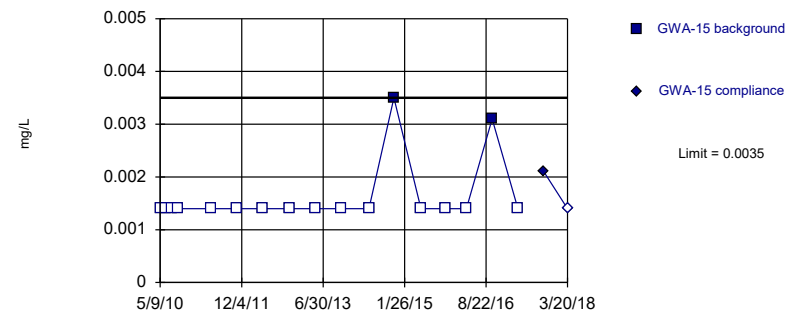
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



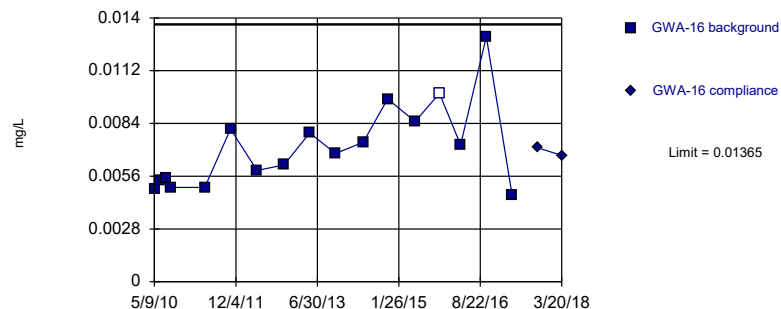
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



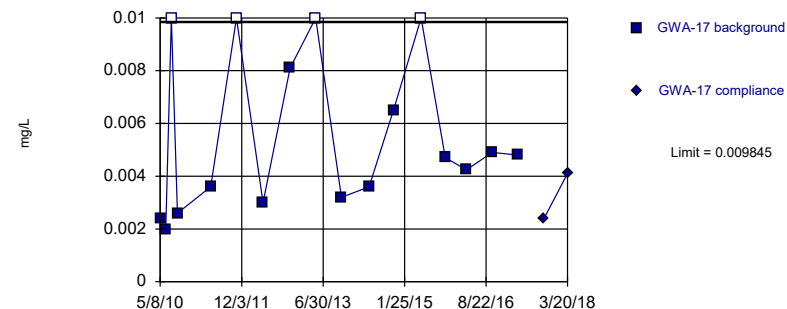
Background Data Summary: Mean=0.007127, Std. Dev.=0.002255, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8996, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



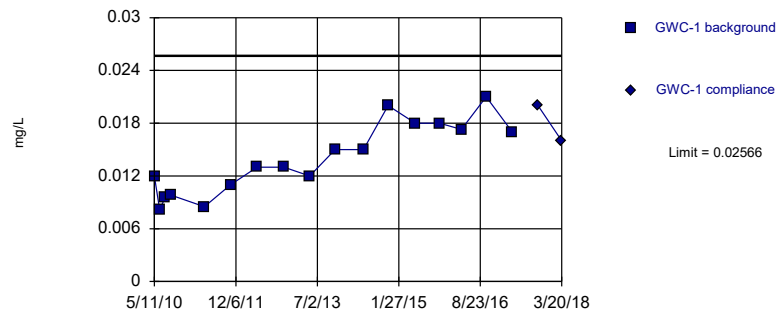
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06237, Std. Dev.=0.01273, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8881, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



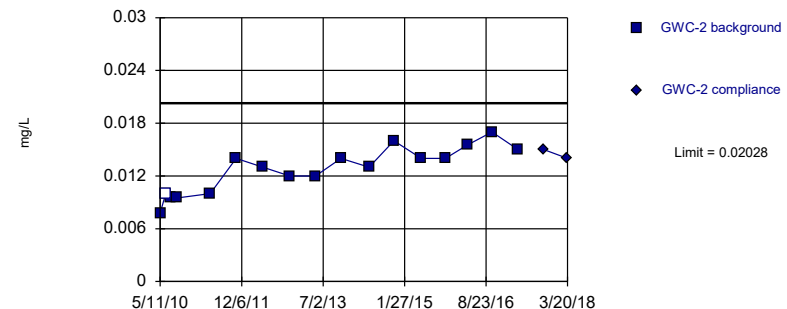
Background Data Summary: Mean=0.01402, Std. Dev.=0.004022, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01273, Std. Dev.=0.002608, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9563, critical = 0.851. Kappa overridden to 2.894.

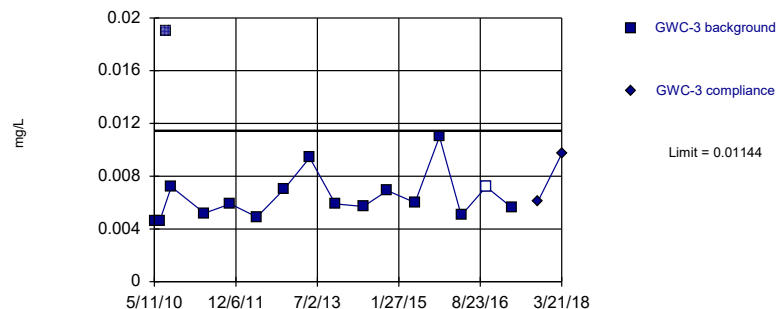
Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006383, Std. Dev.=0.001749, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8444, critical = 0.844. Kappa overridden to 2.894.

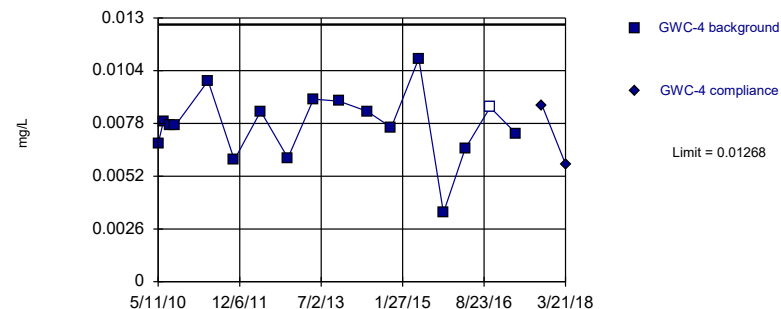
Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00772, Std. Dev.=0.001713, n=17, 5.88% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9617, critical = 0.851. Kappa overridden to 2.894.

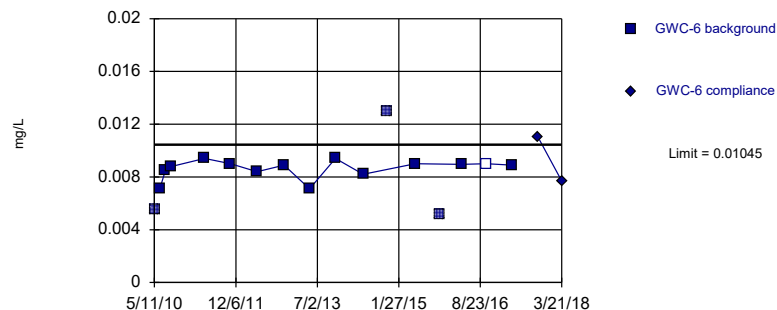
Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.00007477, Std. Dev.=0.00001187, n=14, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8343, critical = 0.825. Kappa overridden to 2.894.

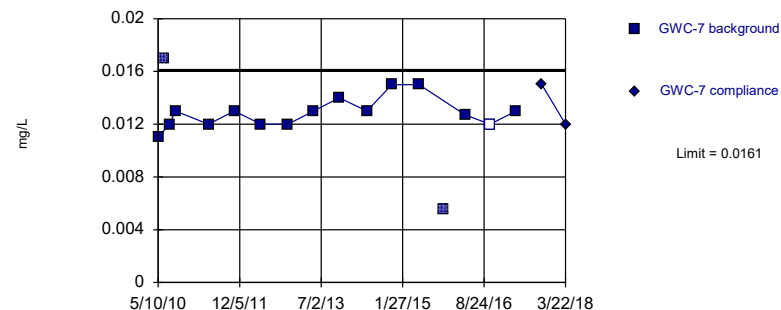
Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



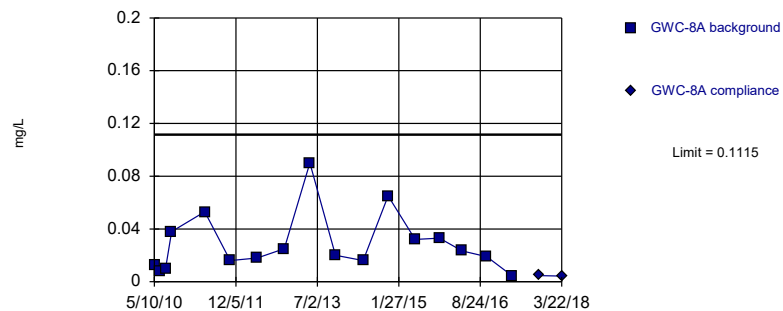
Background Data Summary: Mean=0.01285, Std. Dev.=0.001126, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8908, critical = 0.835. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



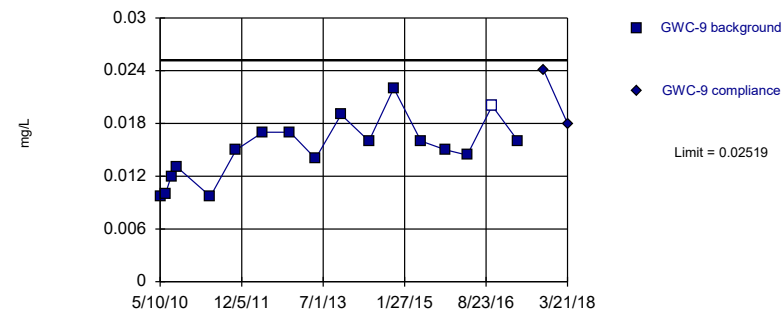
Background Data Summary (based on square root transformation): Mean=0.1579, Std. Dev.=0.06083, n=17.
 Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9474, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



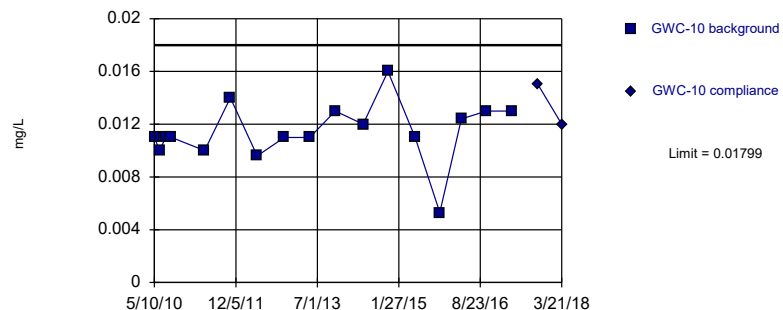
Background Data Summary: Mean=0.01505, Std. Dev.=0.003504, n=17, 5.882% NDs. Normality test: Shapiro Wilk
 @alpha = 0.01, calculated = 0.9615, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



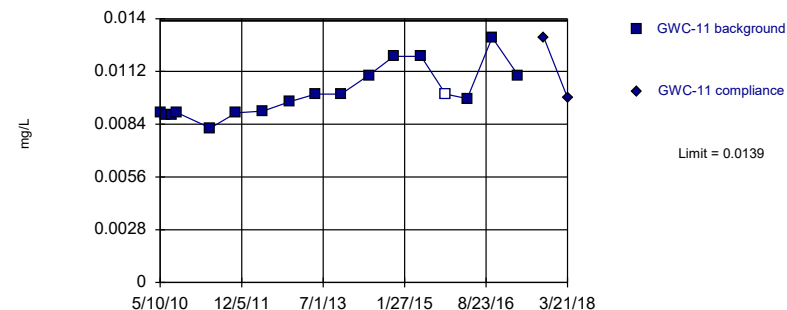
Background Data Summary: Mean=0.01143, Std. Dev.=0.002268, n=17. Normality test: Shapiro Wilk @alpha =
 0.01, calculated = 0.9088, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
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Within Limit

Prediction Limit

Intrawell Parametric

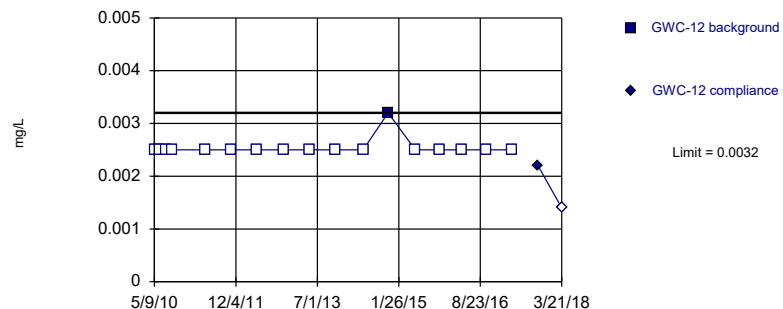


Background Data Summary: Mean=0.01003, Std. Dev.=0.001339, n=17, 5.882% NDs. Normality test: Shapiro Wilk
 @alpha = 0.01, calculated = 0.8998, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

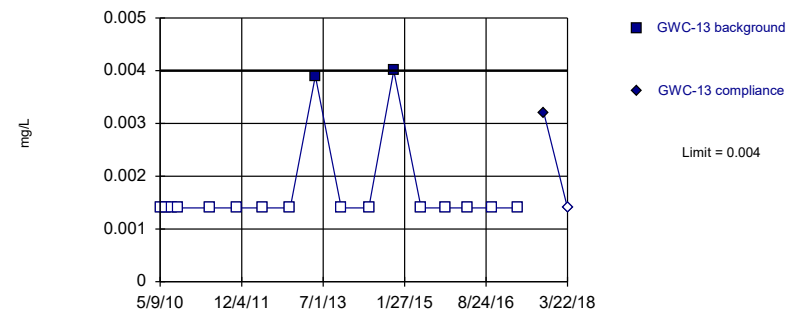


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

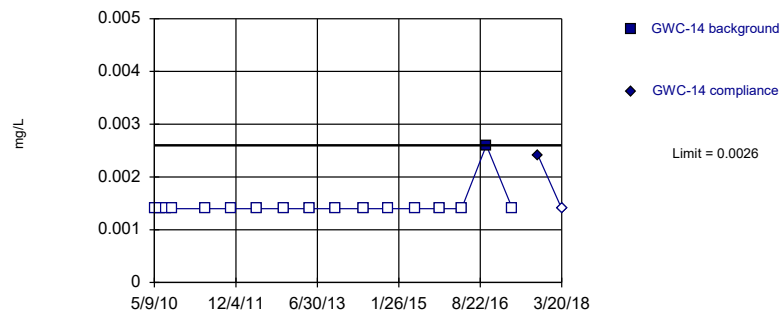


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

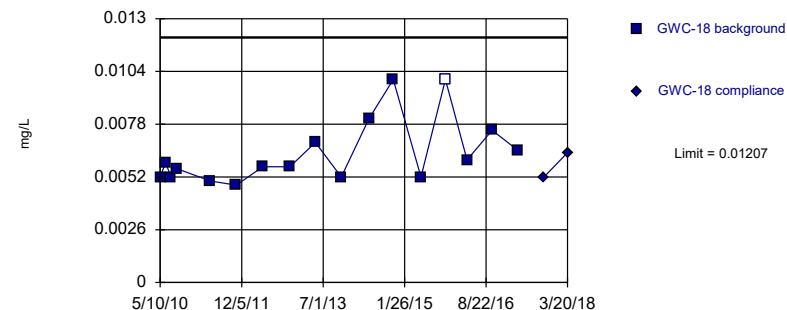


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



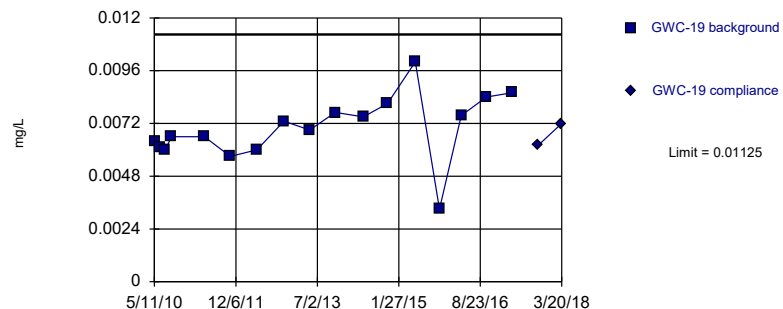
Background Data Summary (based on natural log transformation): Mean=-5.08, Std. Dev.=0.2293, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8616, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006986, Std. Dev.=0.001474, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9573, critical = 0.851. Kappa overridden to 2.894.

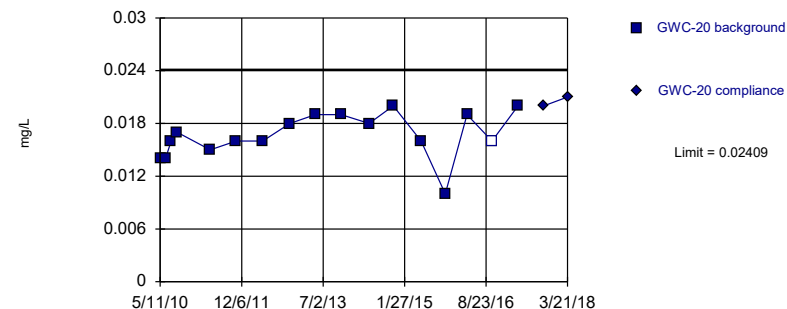
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01665, Std. Dev.=0.002572, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9176, critical = 0.851. Kappa overridden to 2.894.

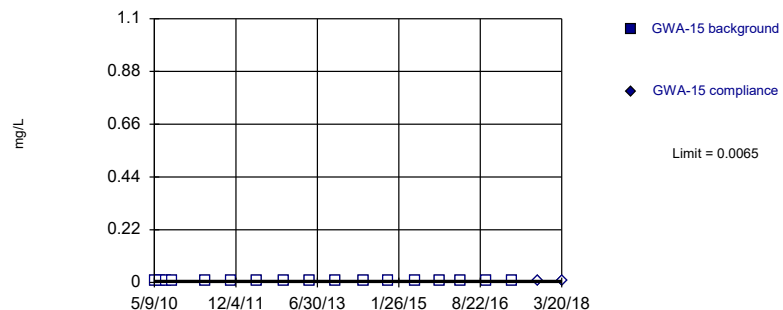
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

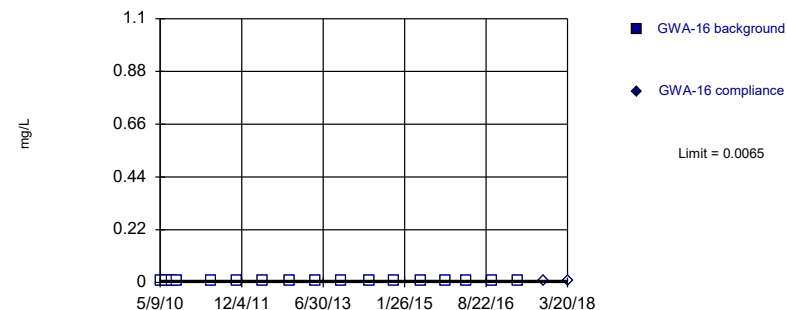
Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

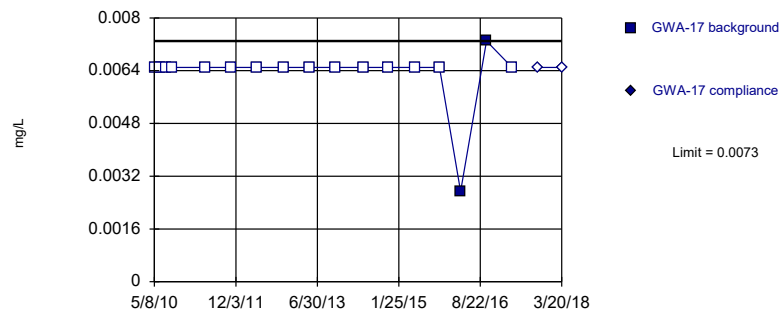


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

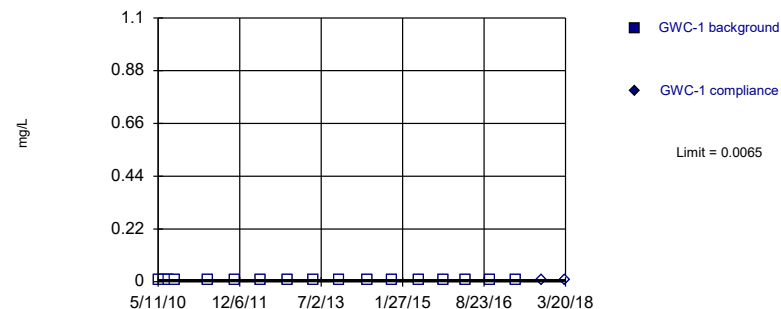


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

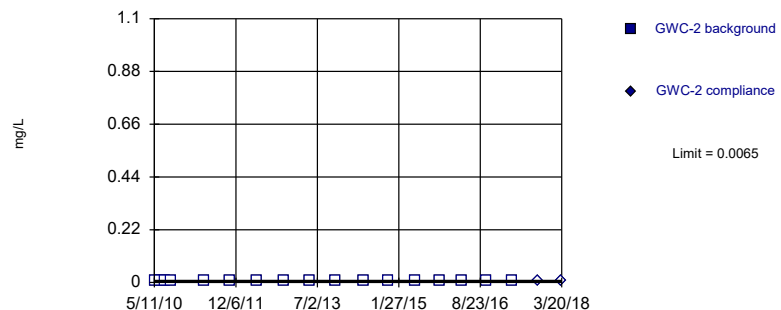


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

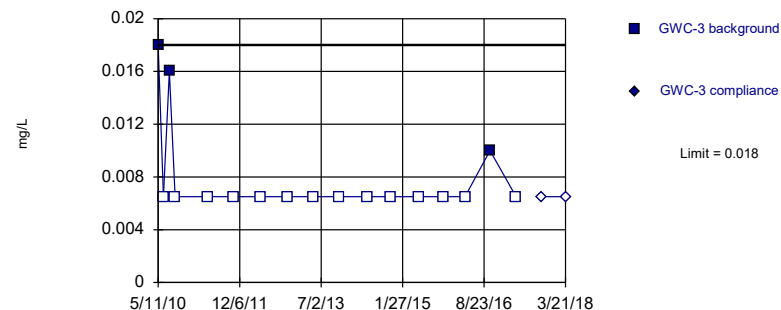


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
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Within Limit

Prediction Limit Intrawell Non-parametric

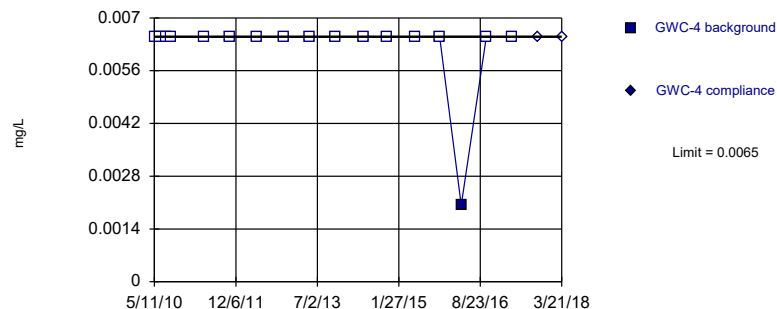


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

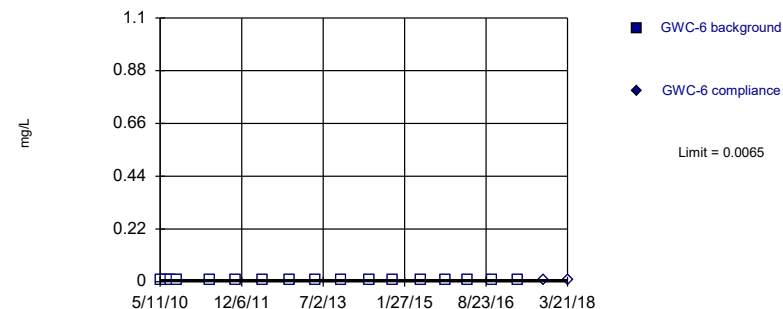


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

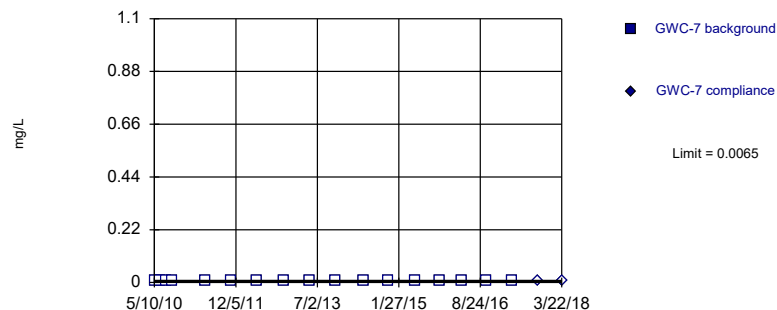


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

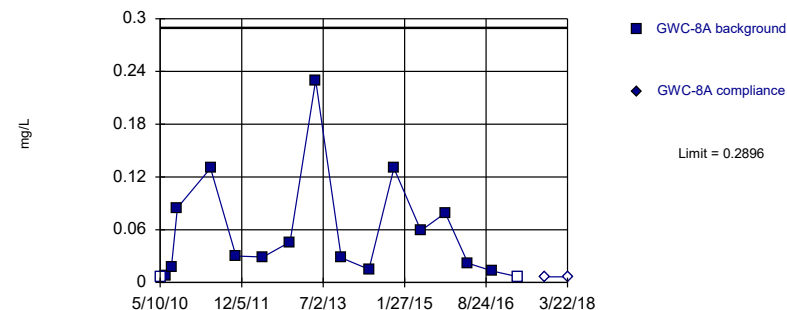


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

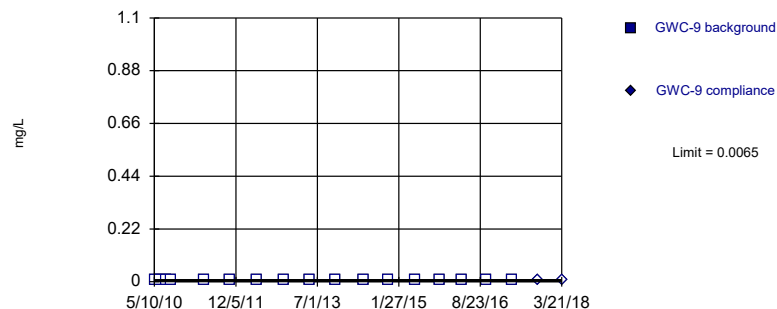


Background Data Summary (based on square root transformation): Mean=0.2063, Std. Dev.=0.1146, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.902, critical = 0.851. Kappa overridden to 2.894.

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

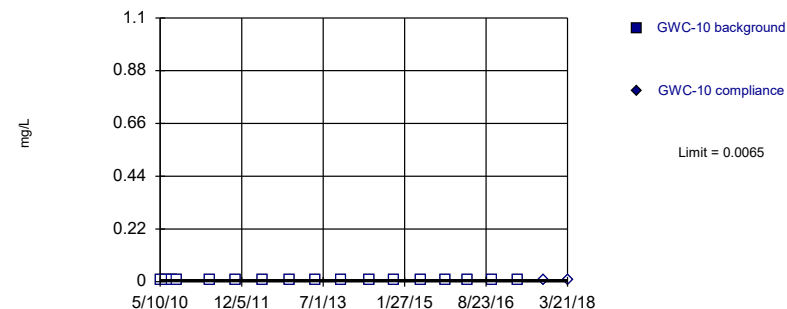


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

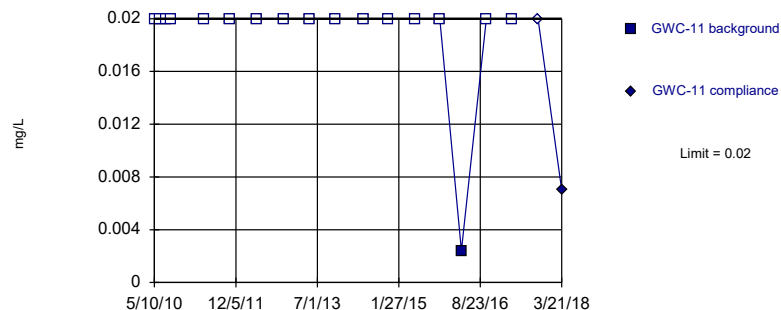


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

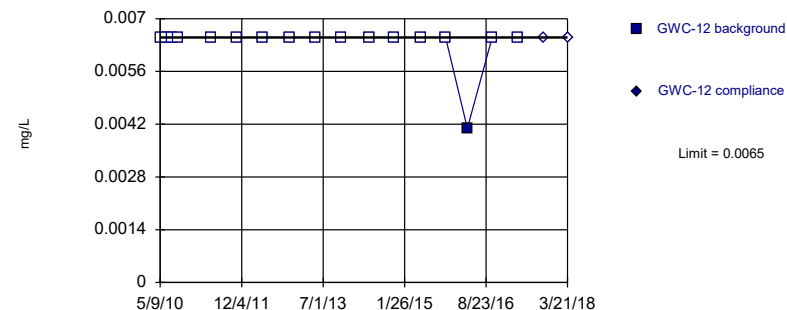


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

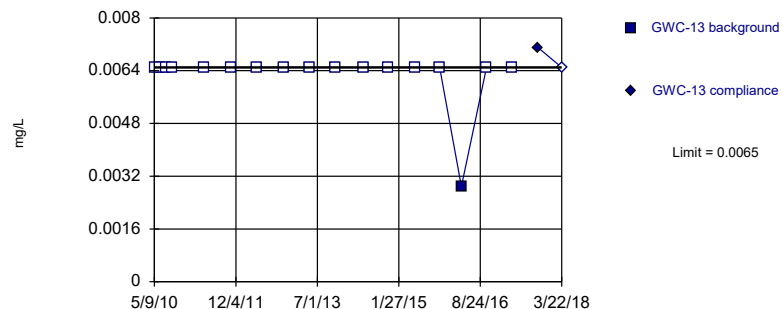


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

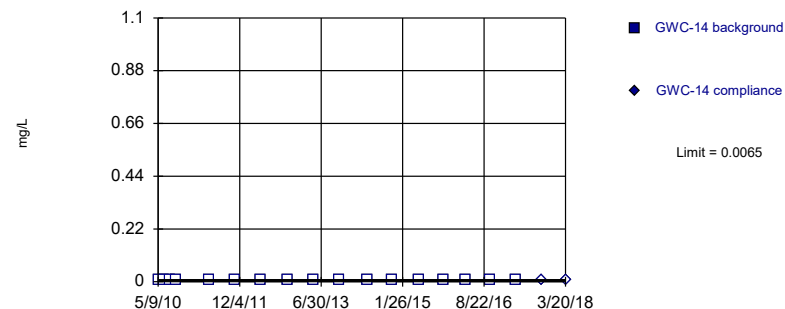


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

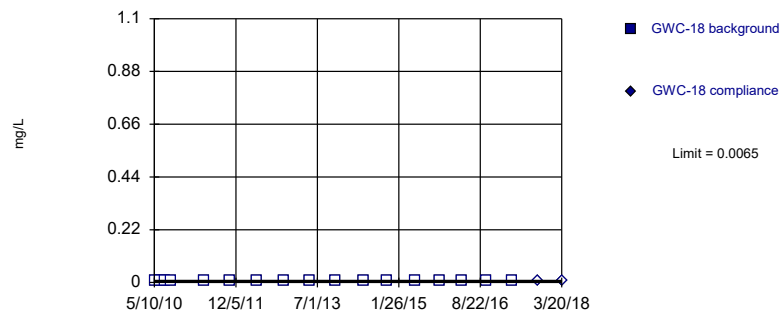


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

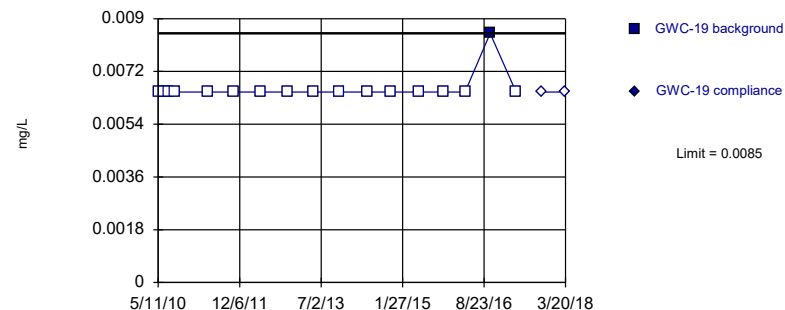


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

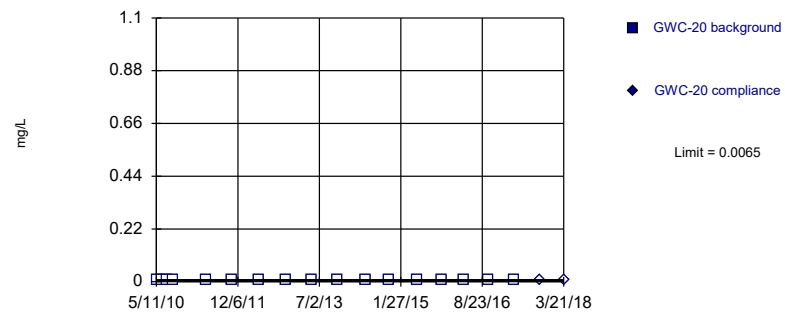


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

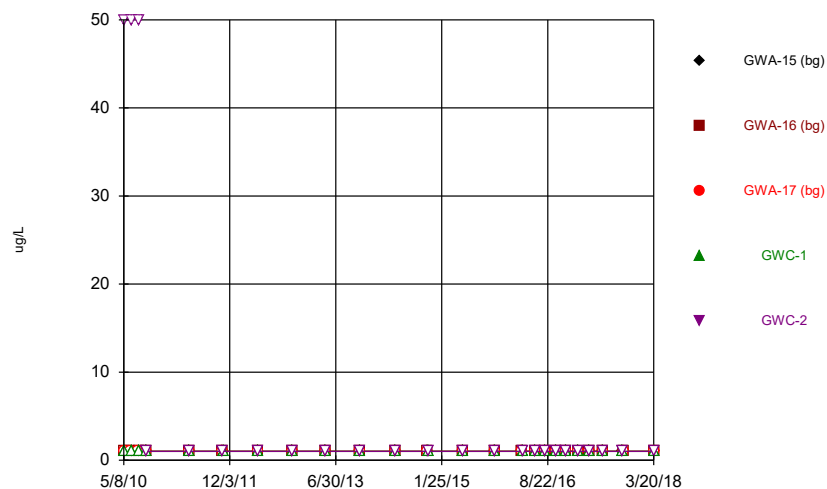
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 17$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

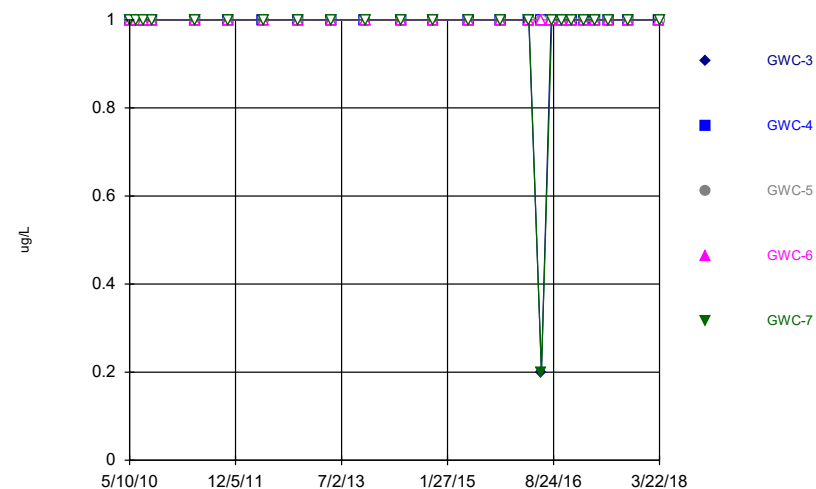
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



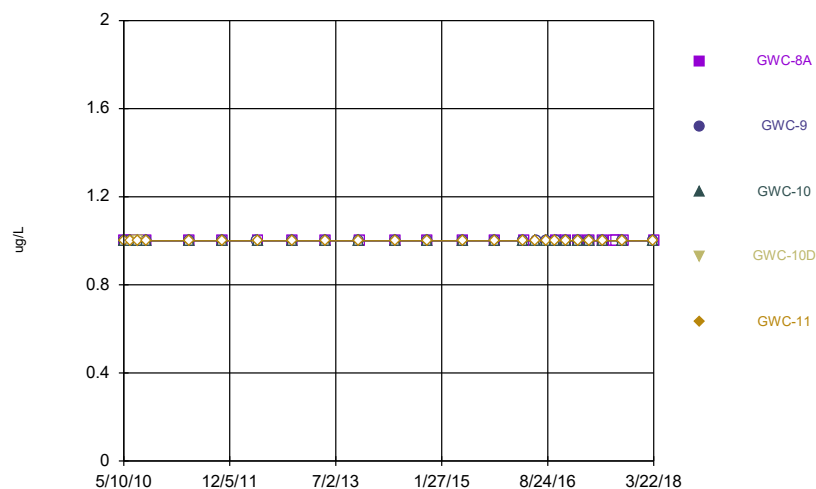
Constituent: Antimony, Total Analysis Run 6/29/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



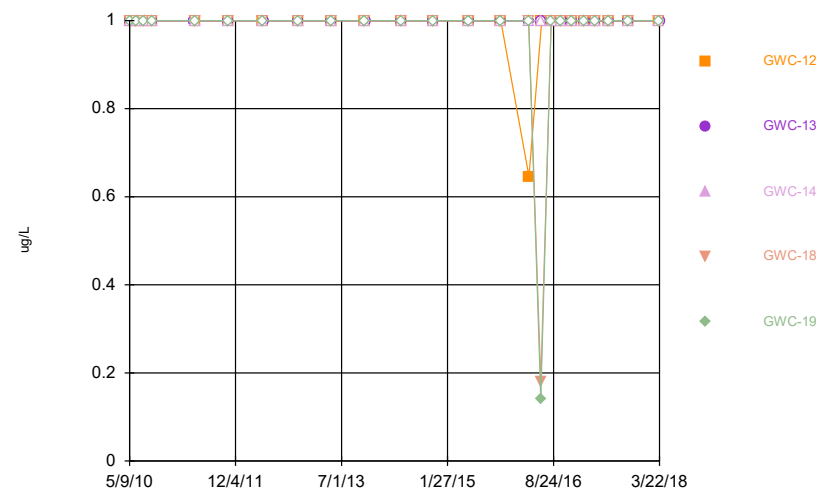
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



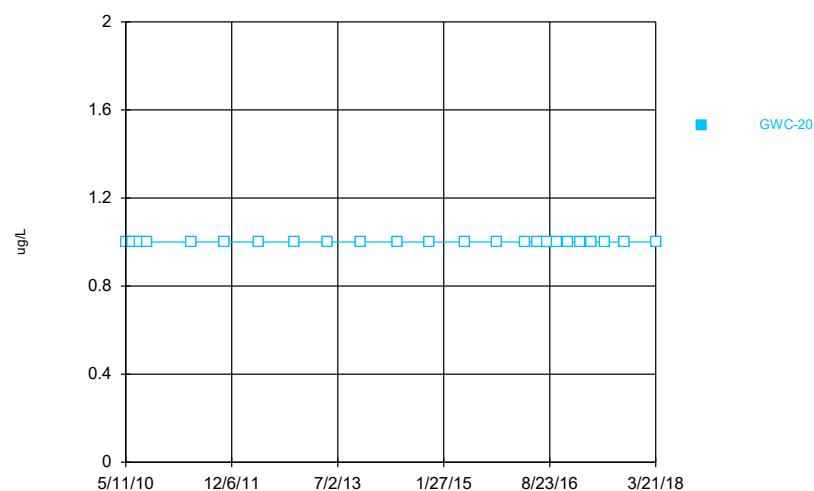
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Time Series

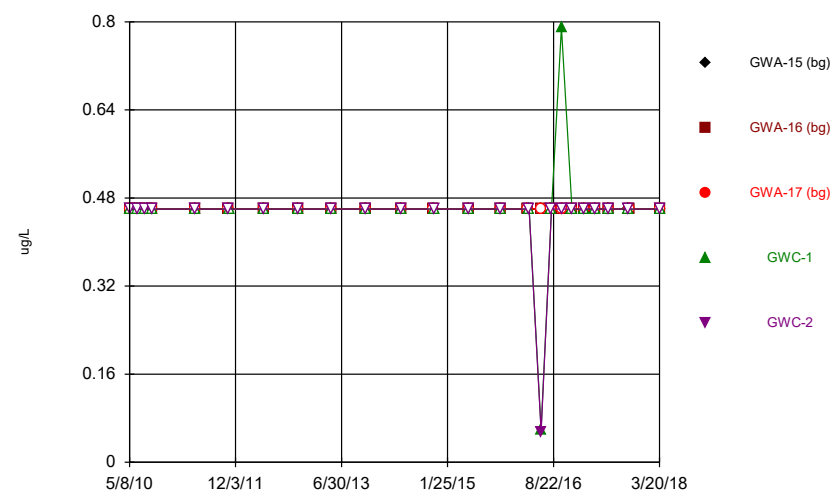


Constituent: Antimony, Total Analysis Run 6/29/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

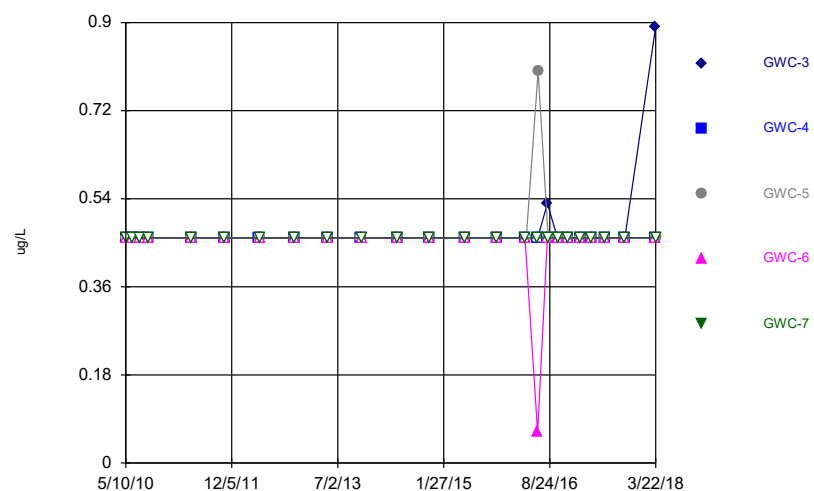
Time Series



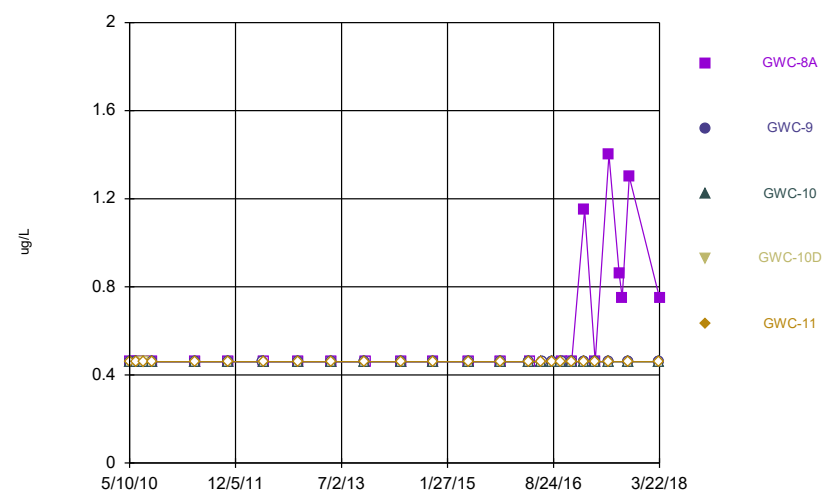
Time Series



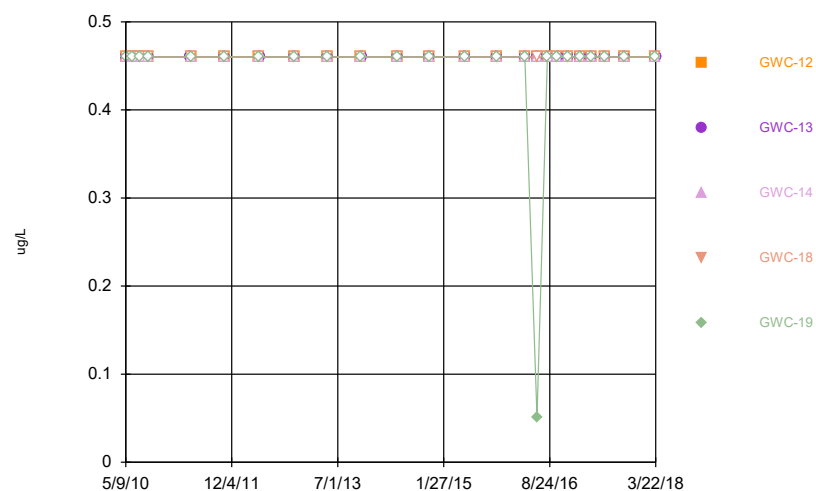
Time Series



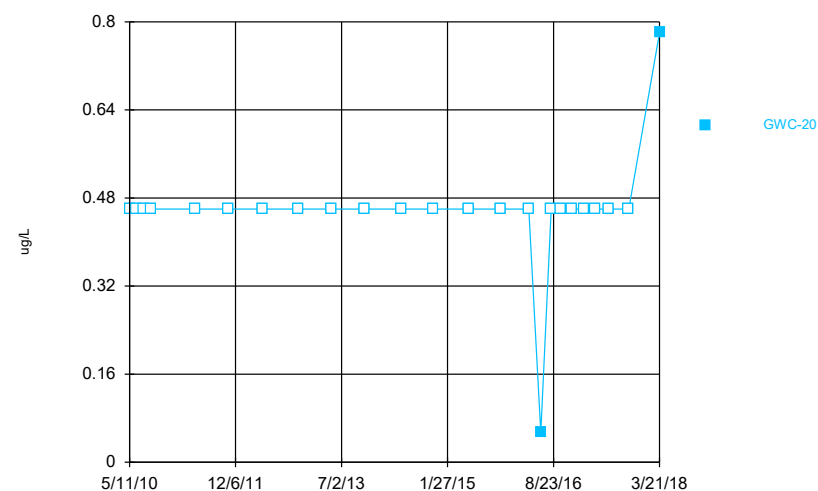
Time Series



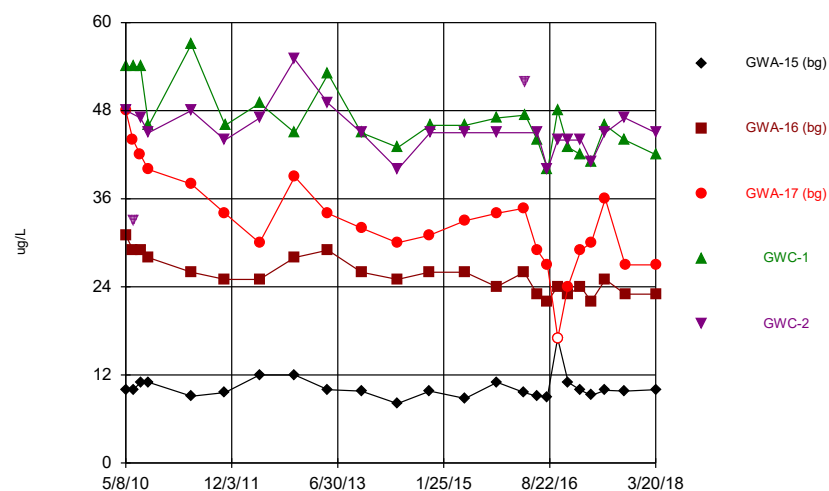
Time Series



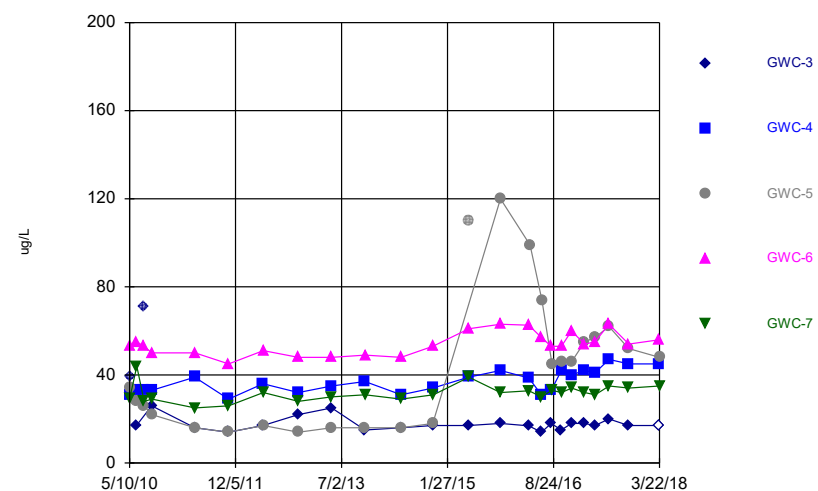
Time Series



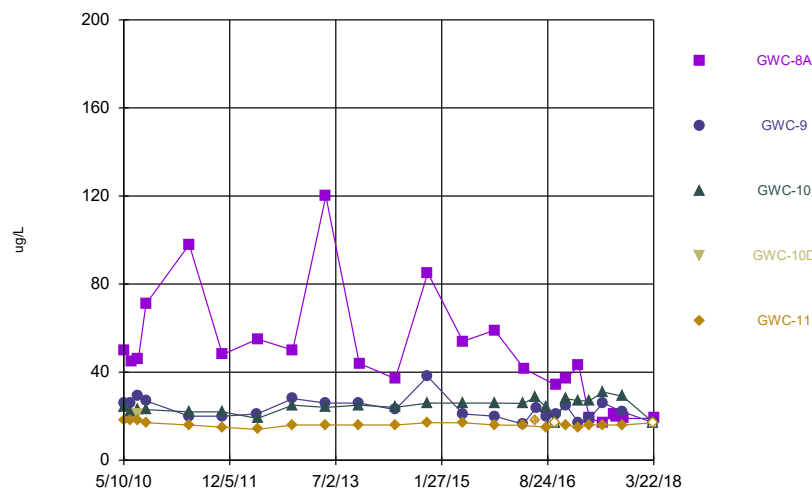
Time Series



Time Series

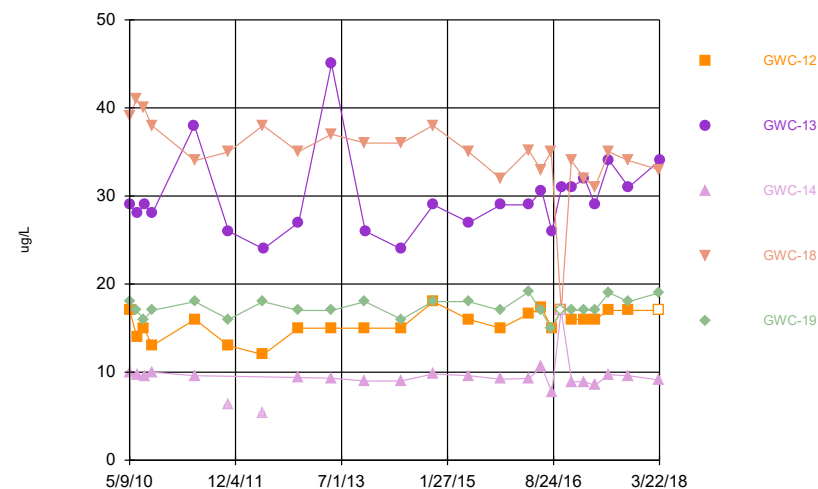


Time Series



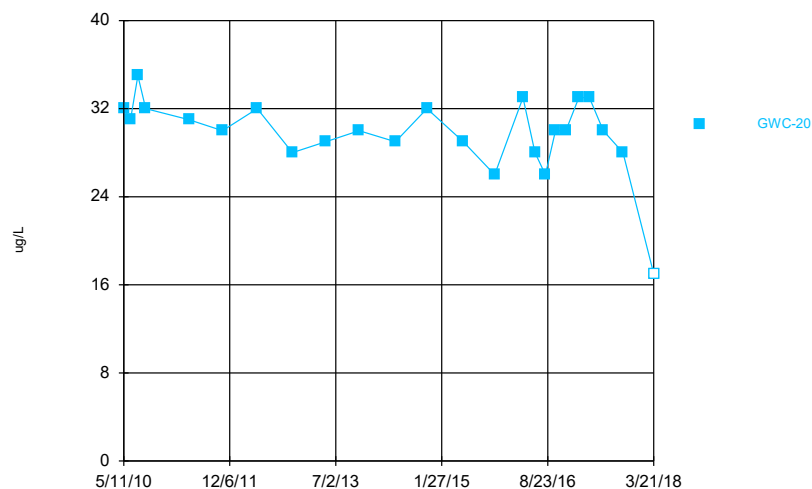
Constituent: Barium, Total Analysis Run 6/29/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



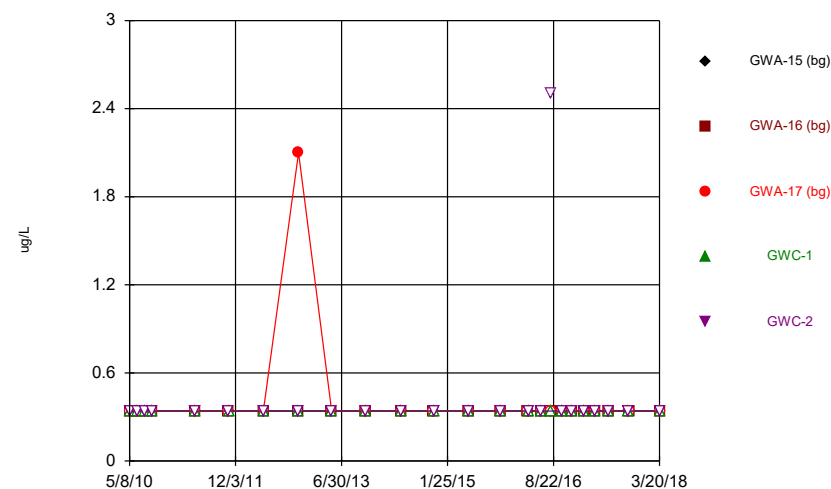
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Time Series



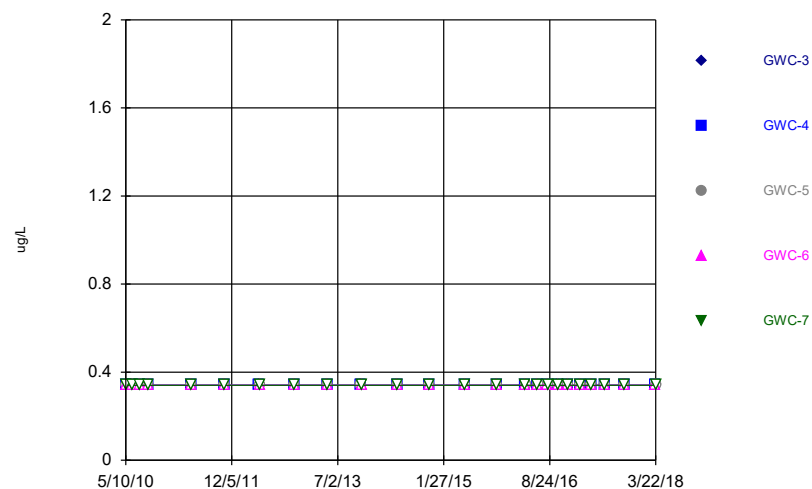
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



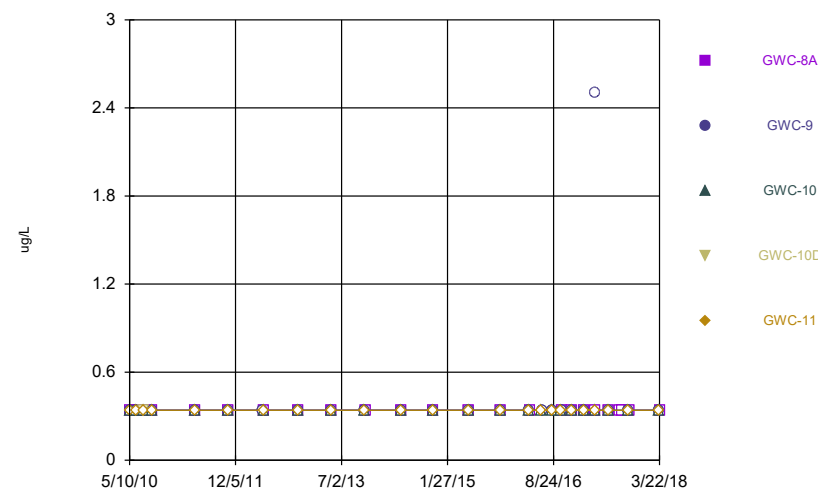
Constituent: Beryllium, Total Analysis Run 6/29/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



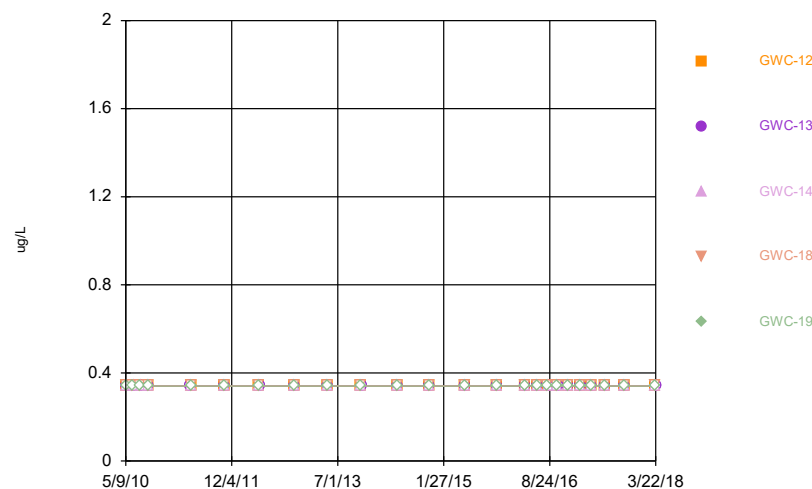
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



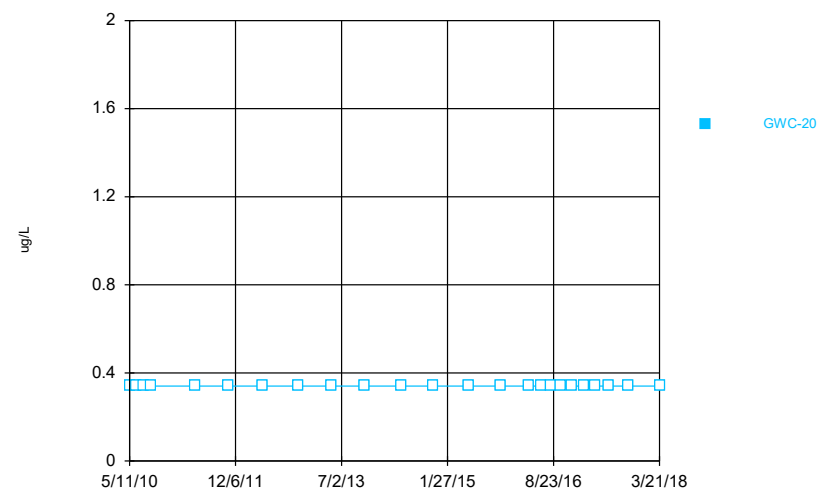
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



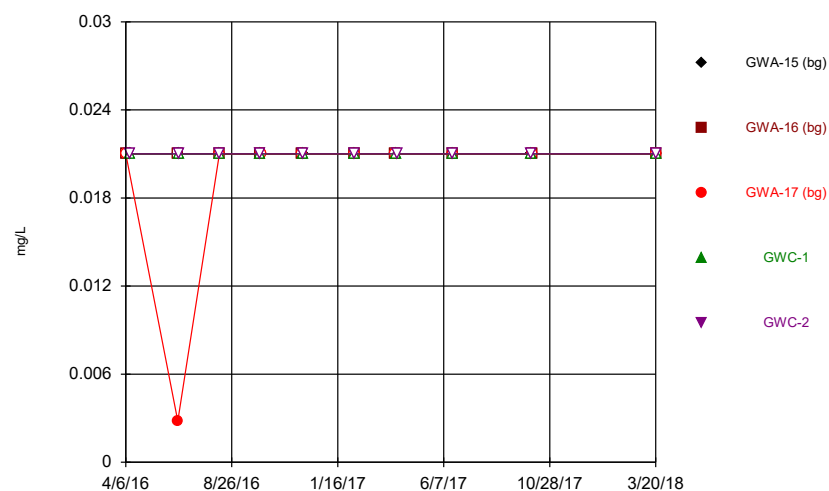
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

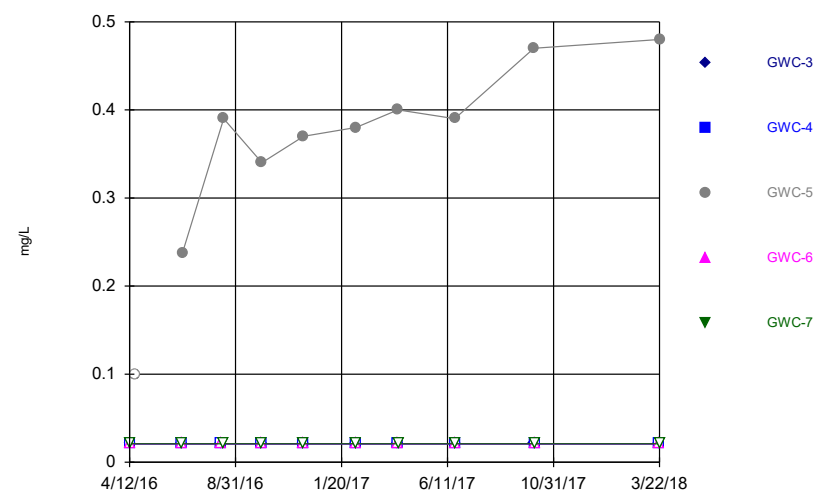


Constituent: Beryllium, Total Analysis Run 6/29/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

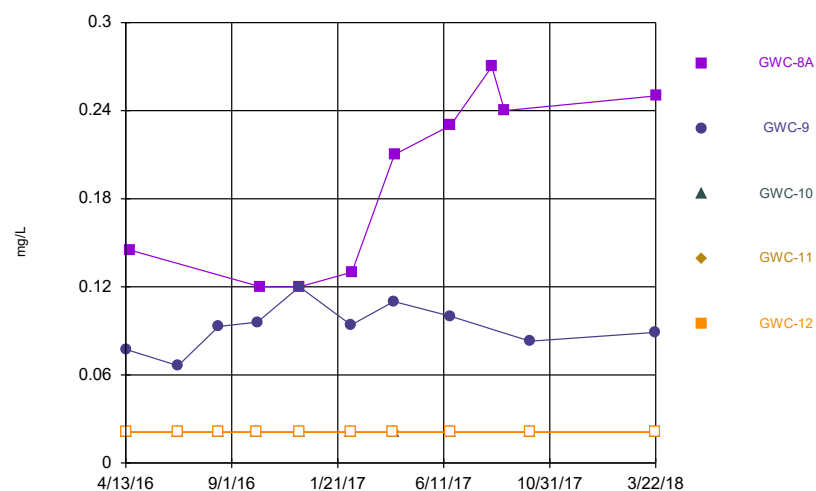
Time Series



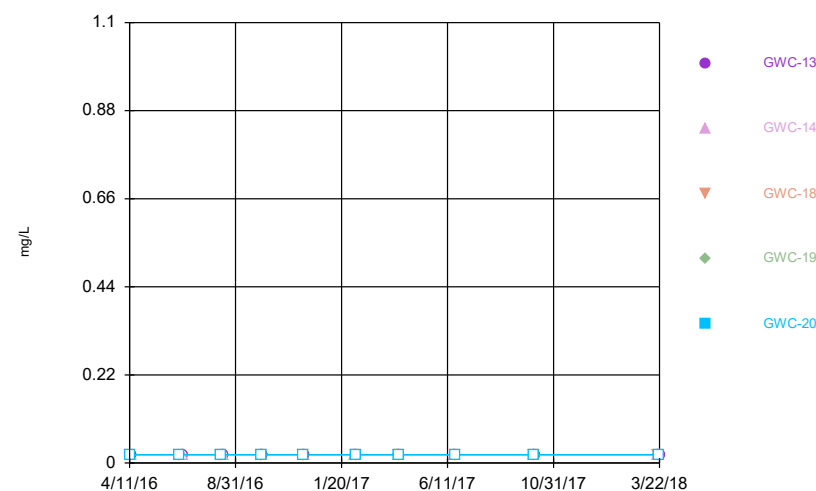
Time Series



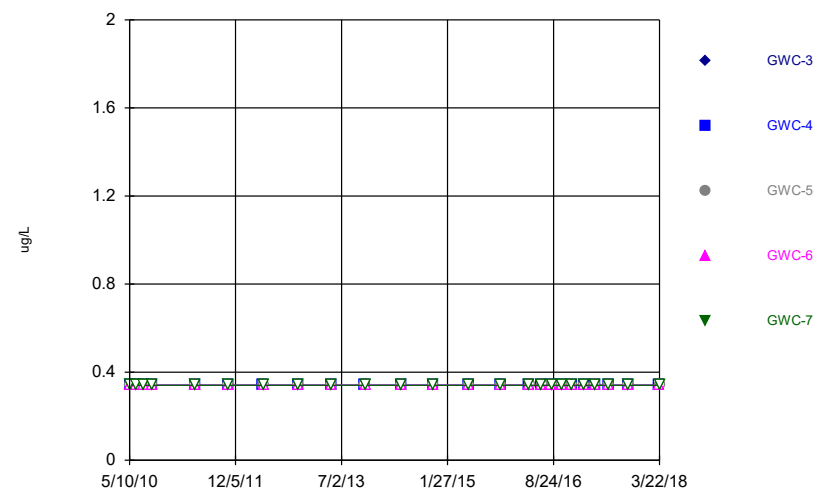
Time Series



Time Series

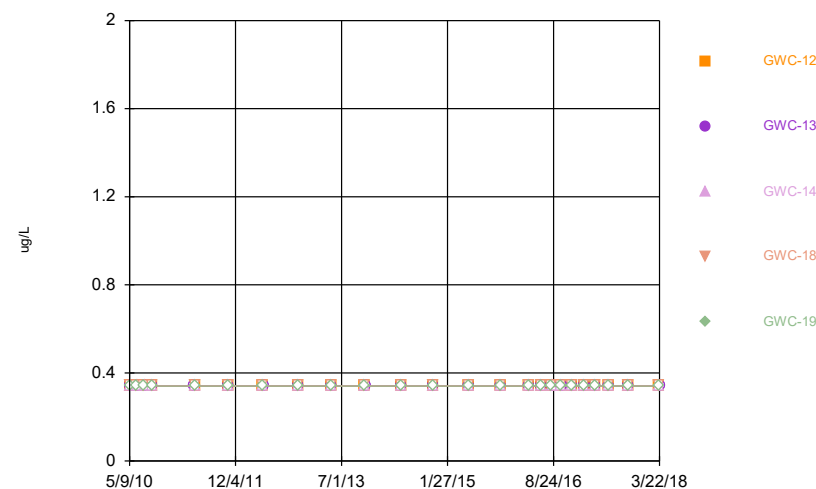


Time Series



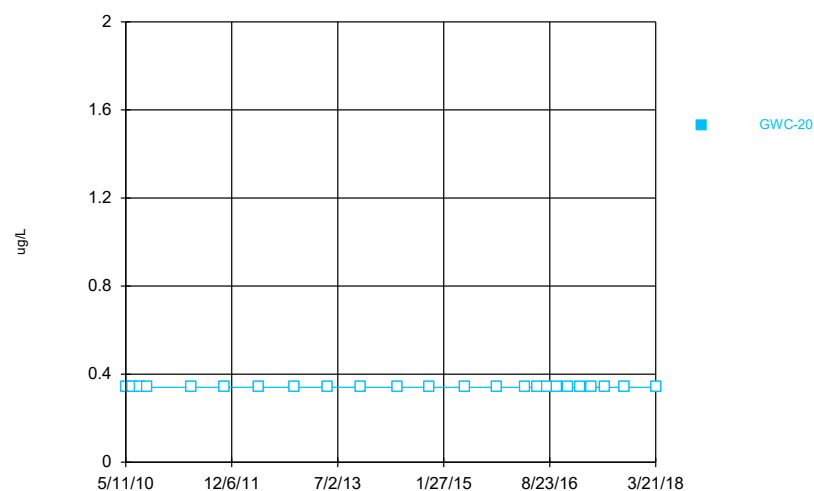
Constituent: Cadmium, Total Analysis Run 6/29/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

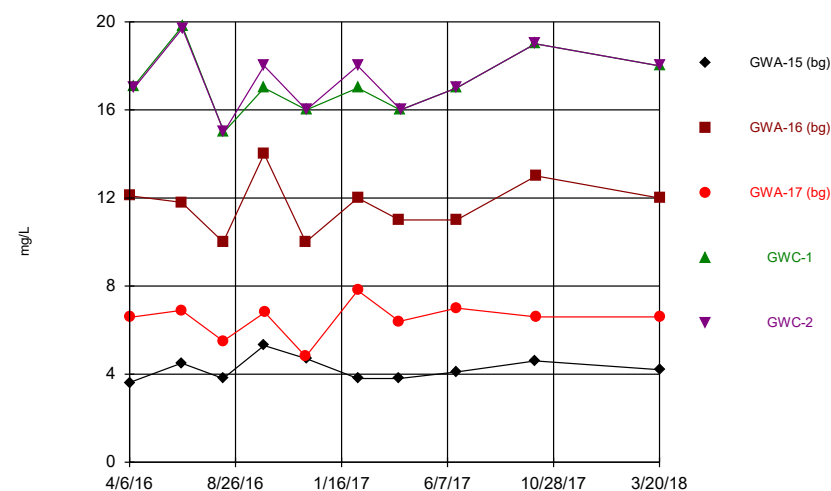


Constituent: Cadmium, Total Analysis Run 6/29/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

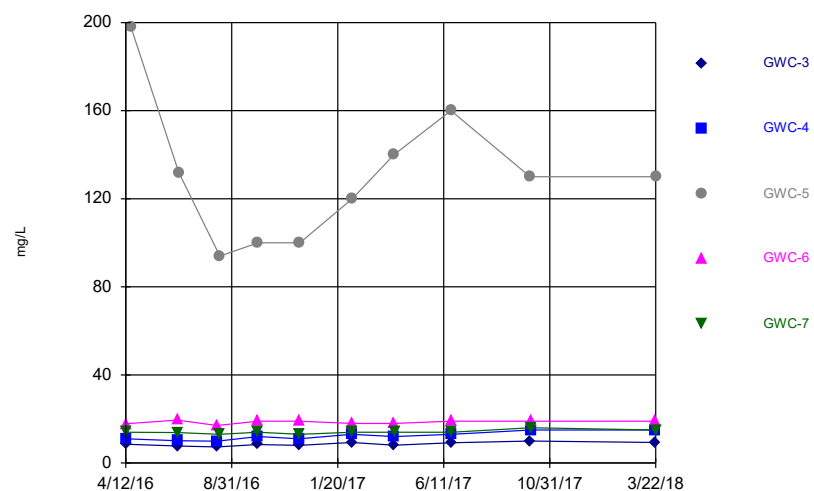
Time Series



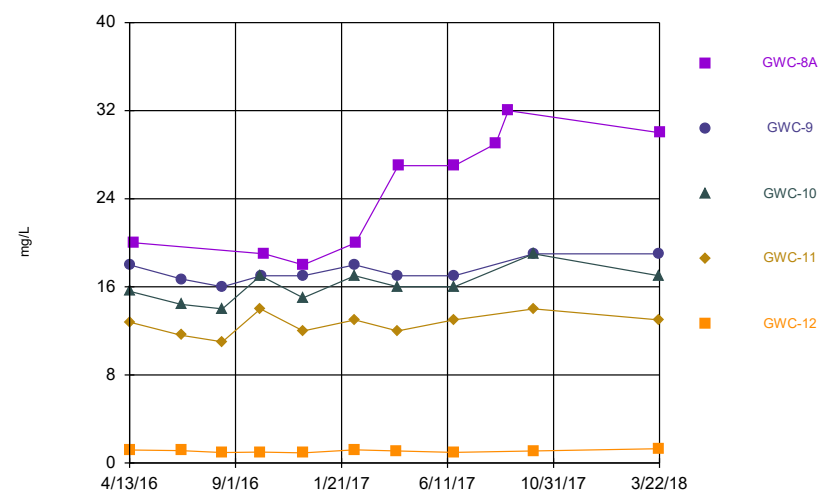
Time Series



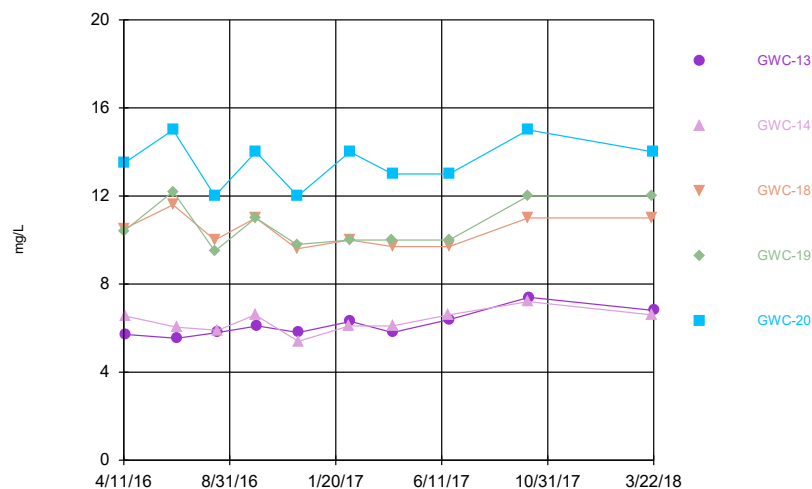
Time Series



Time Series

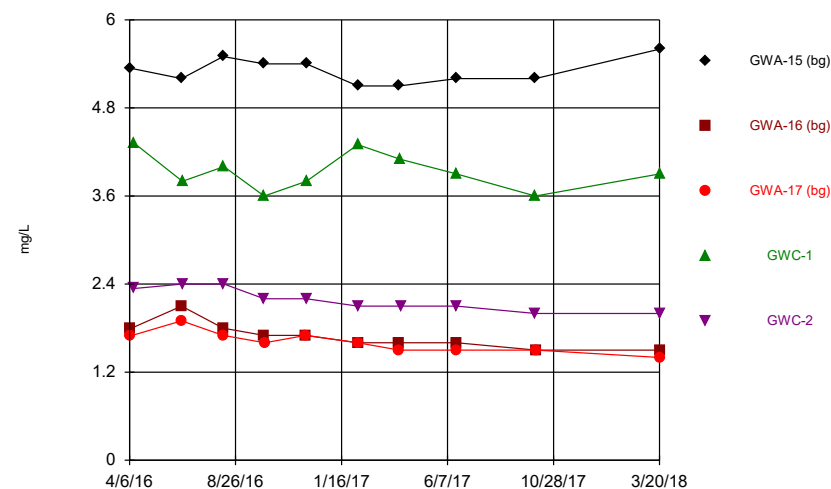


Time Series



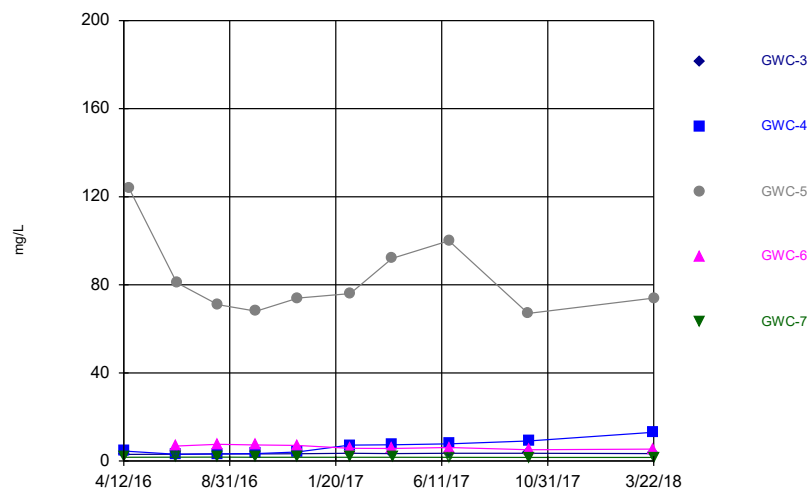
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



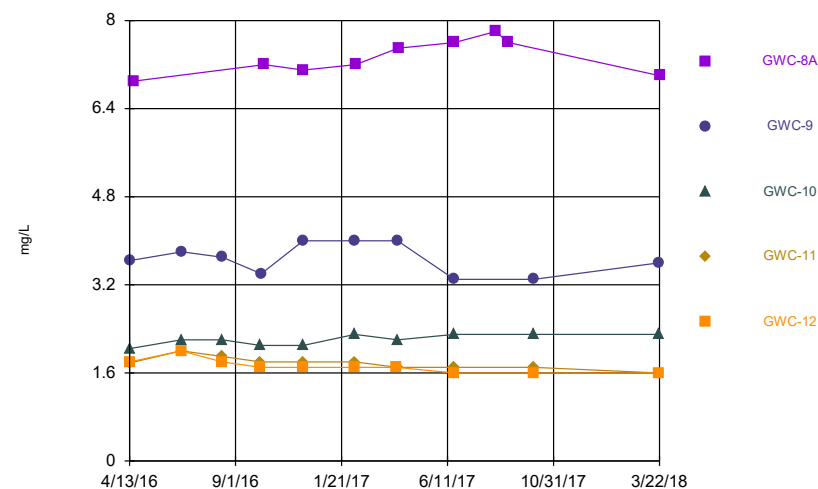
Constituent: Chloride Analysis Run 6/29/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



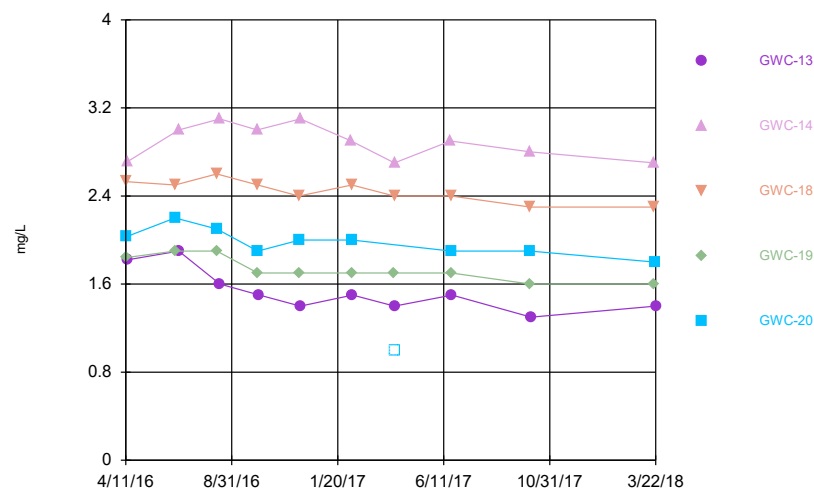
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



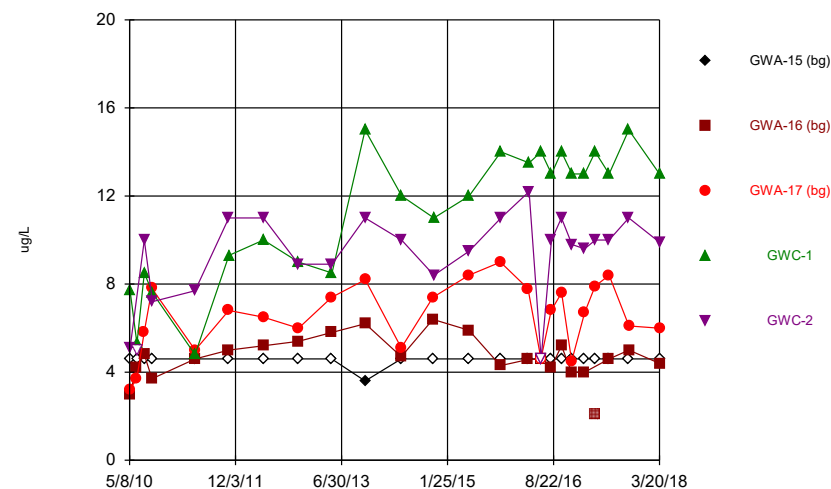
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



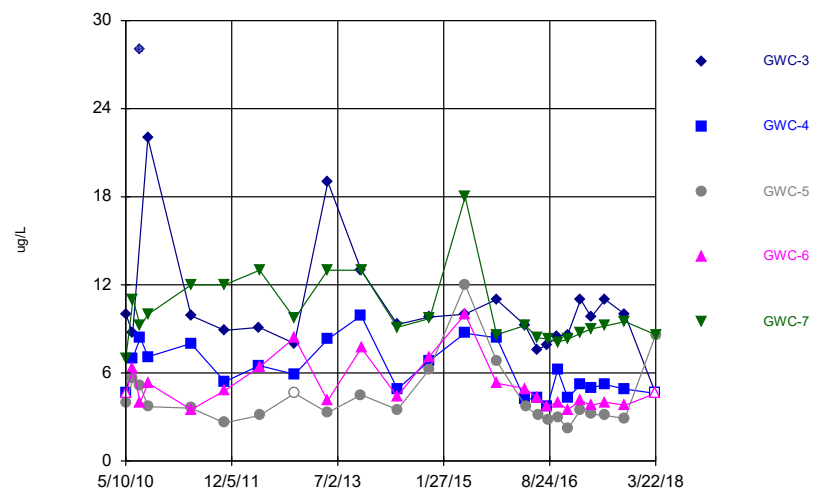
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



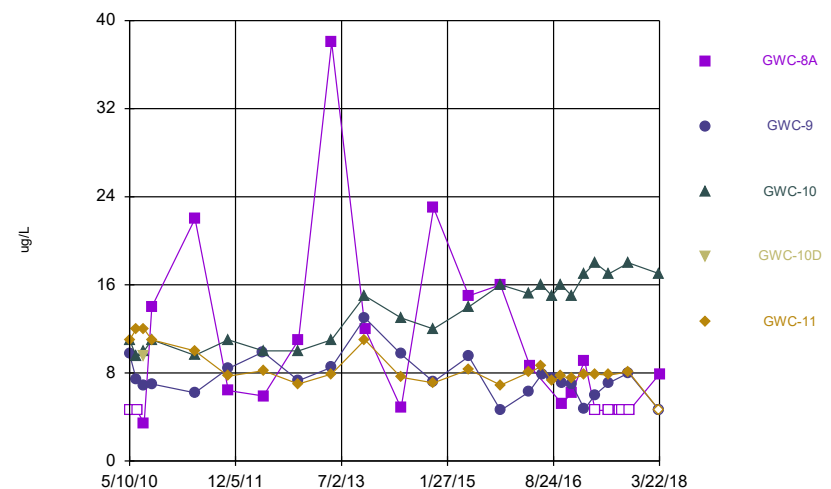
Constituent: Chromium, Total Analysis Run 6/29/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



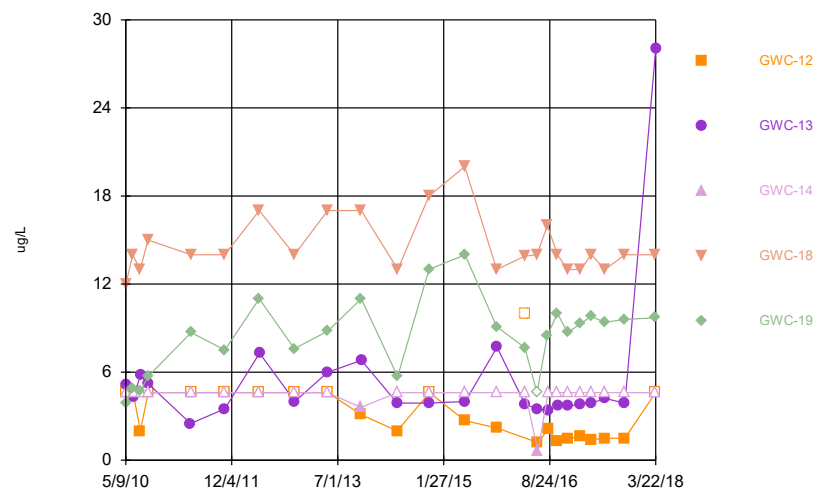
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



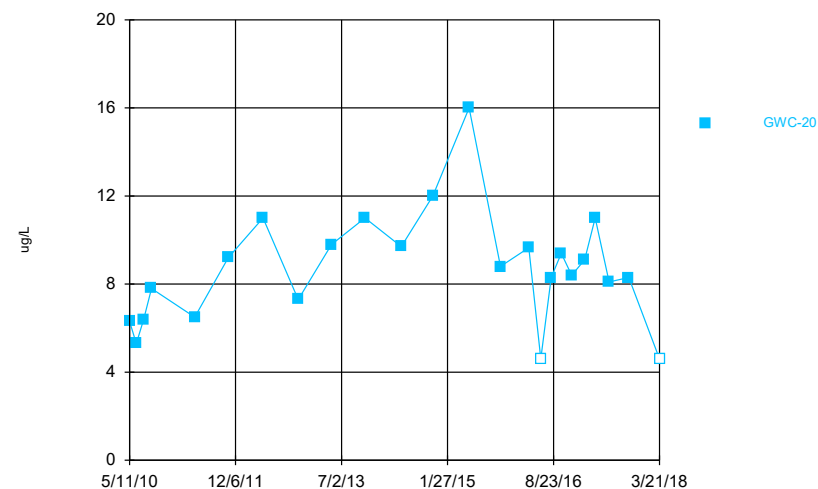
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



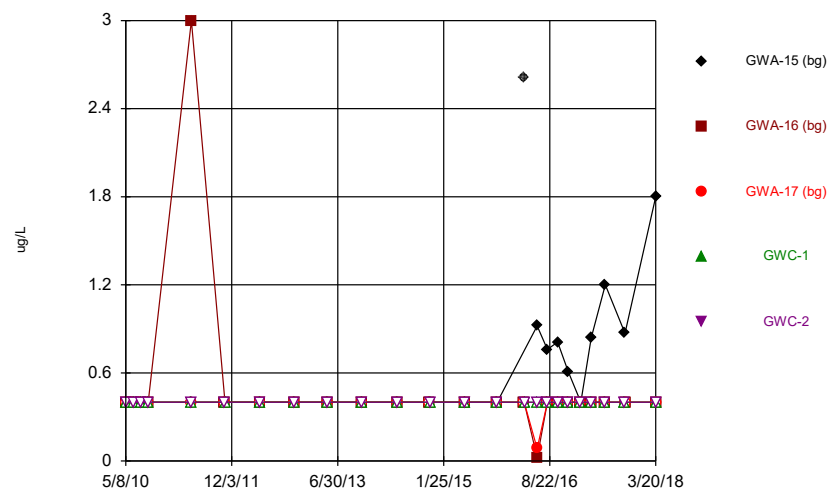
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



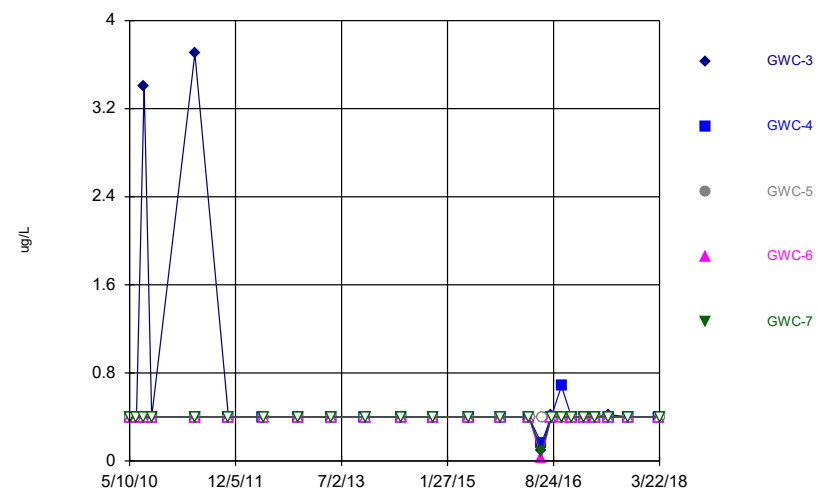
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



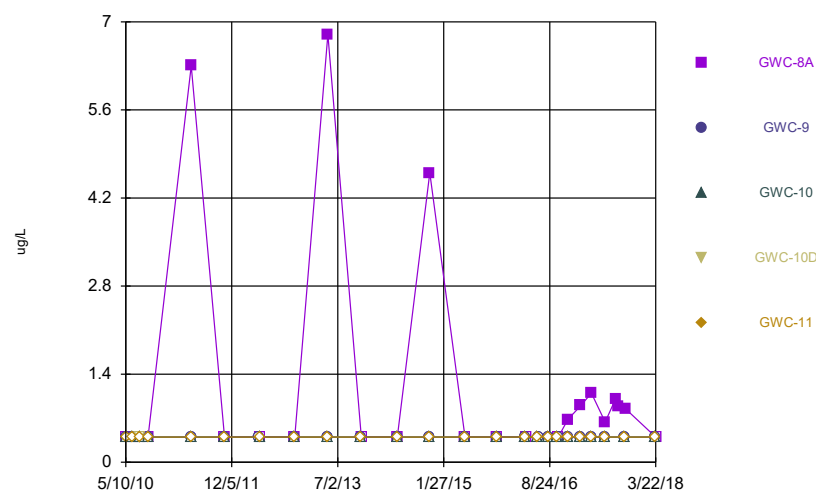
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



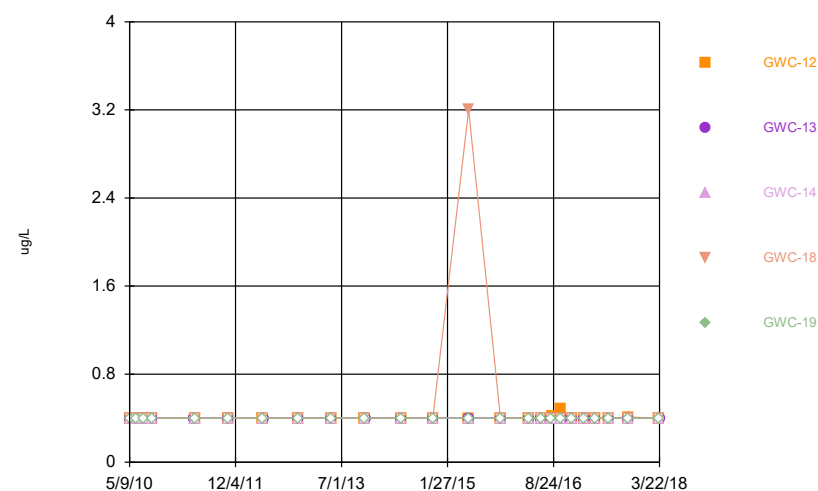
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



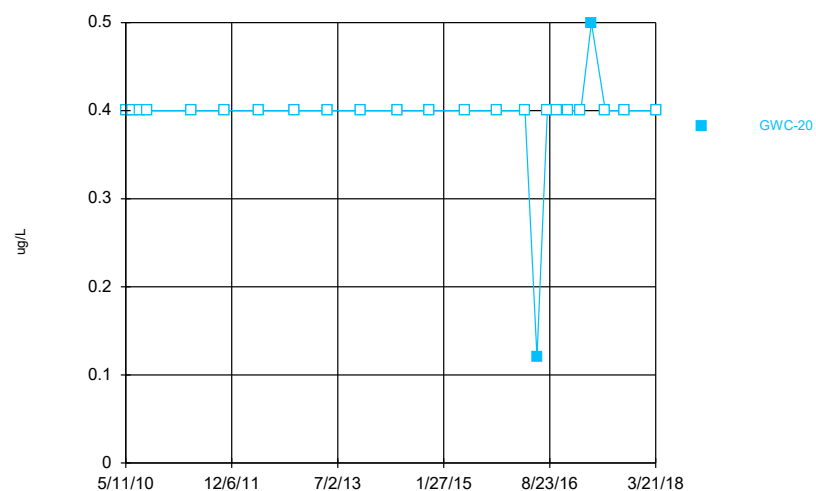
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



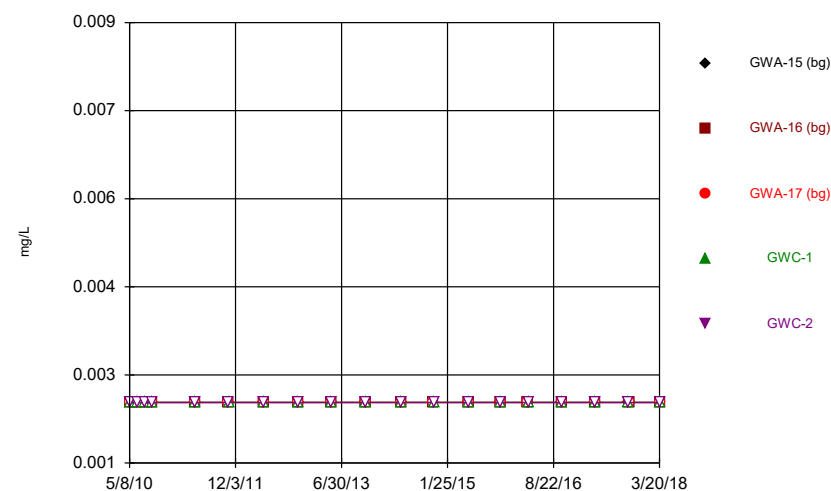
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



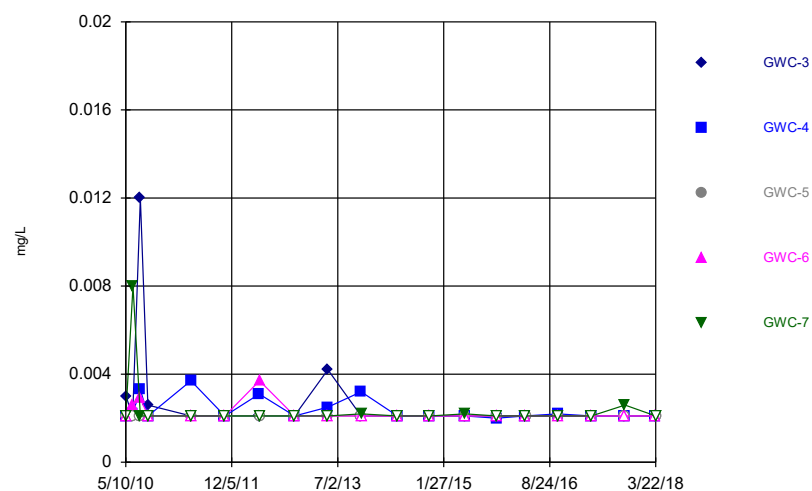
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



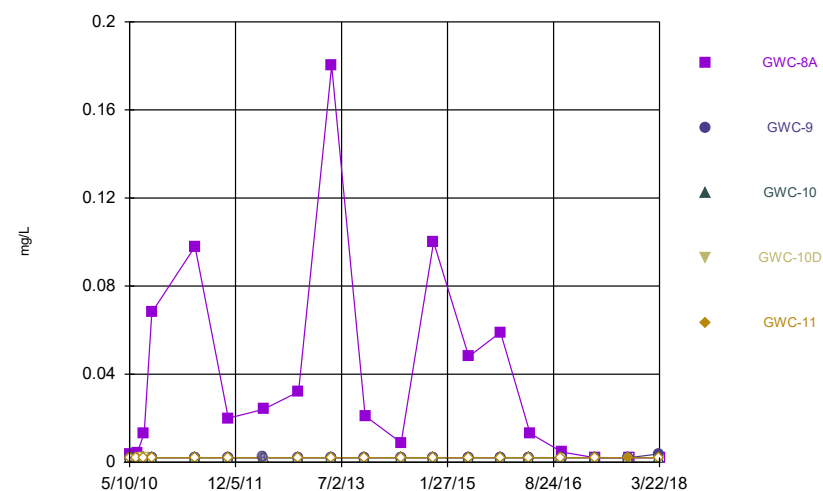
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Time Series



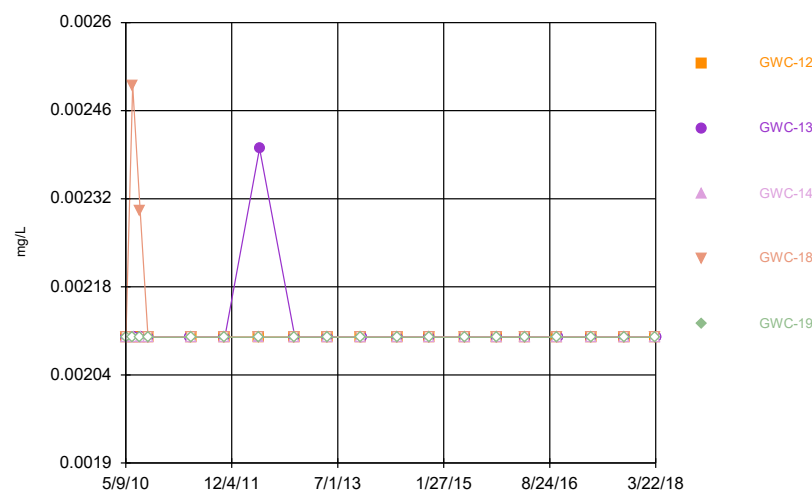
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Time Series



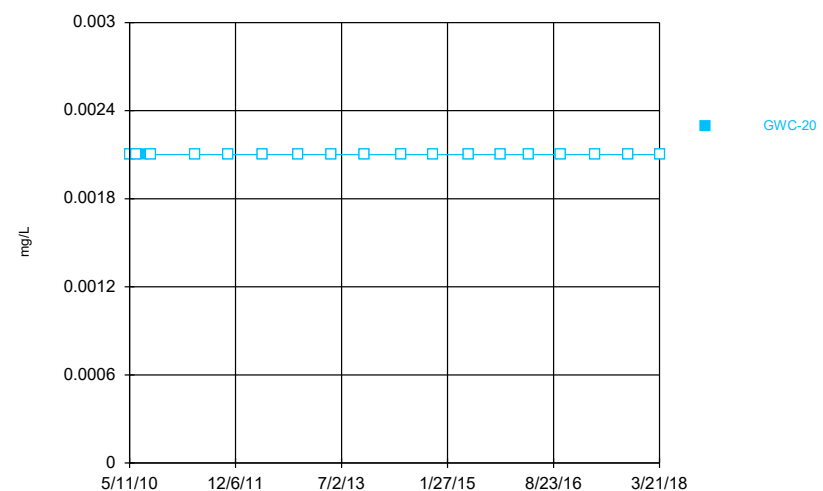
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



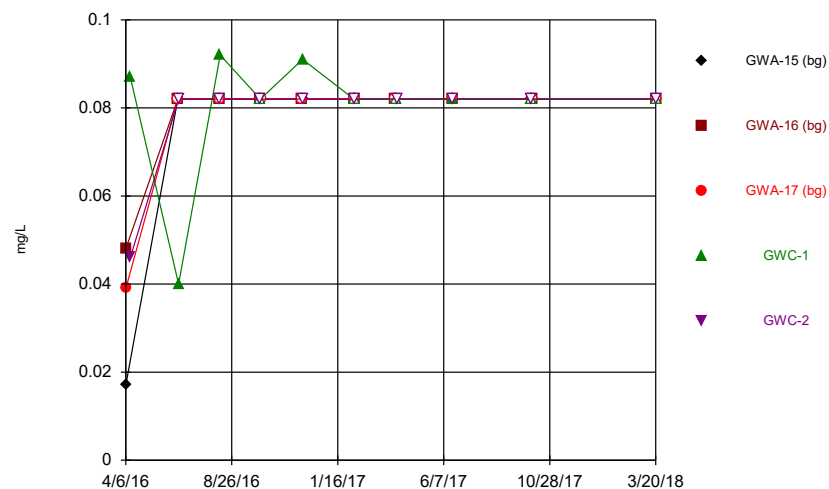
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Time Series



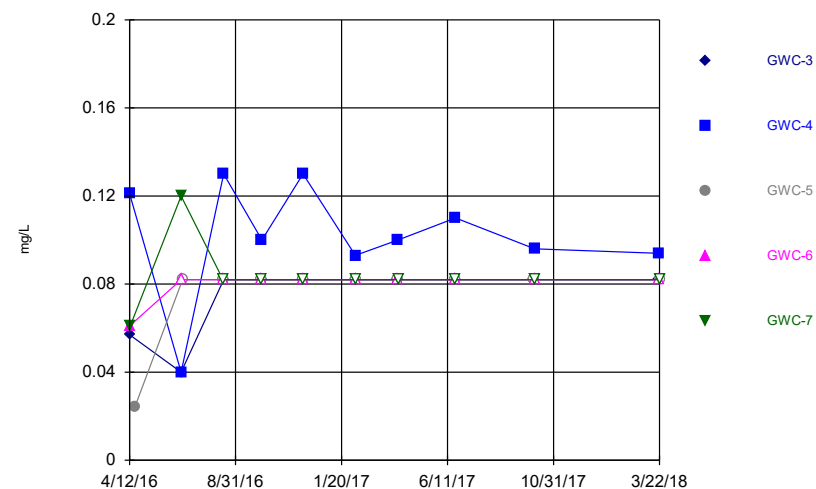
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



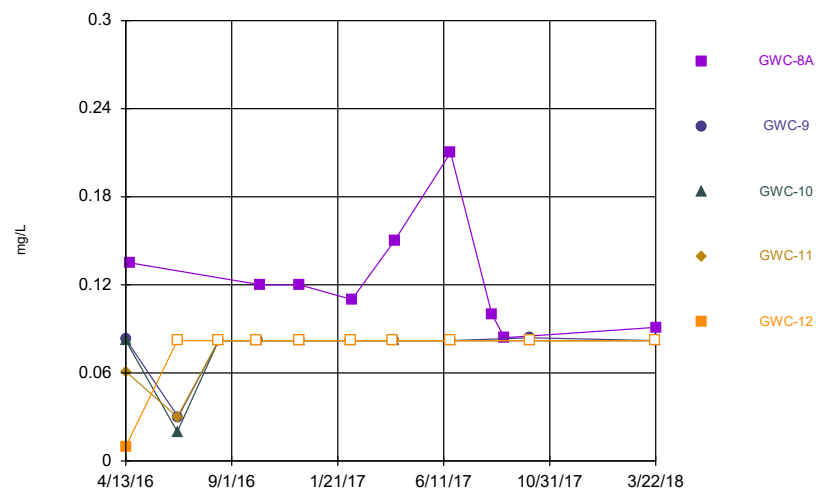
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Time Series



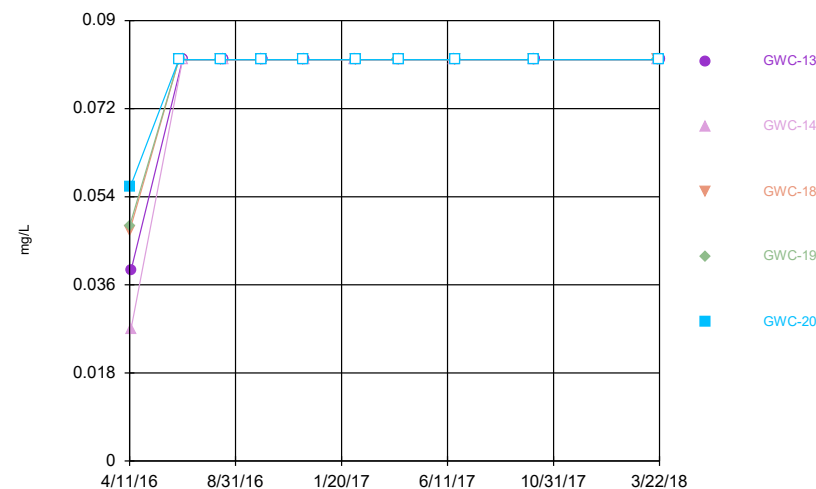
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Time Series



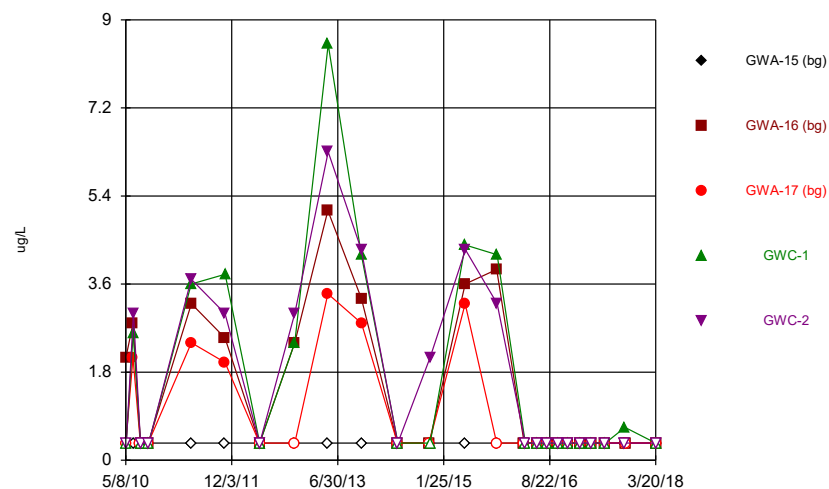
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Time Series



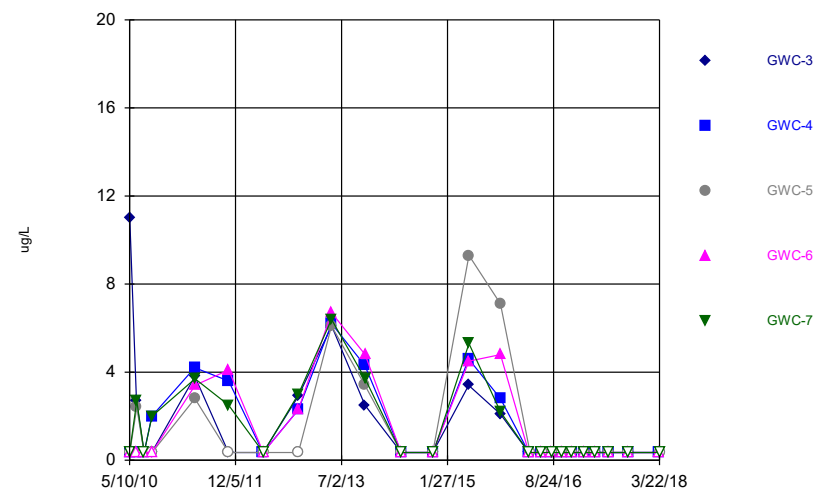
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Time Series



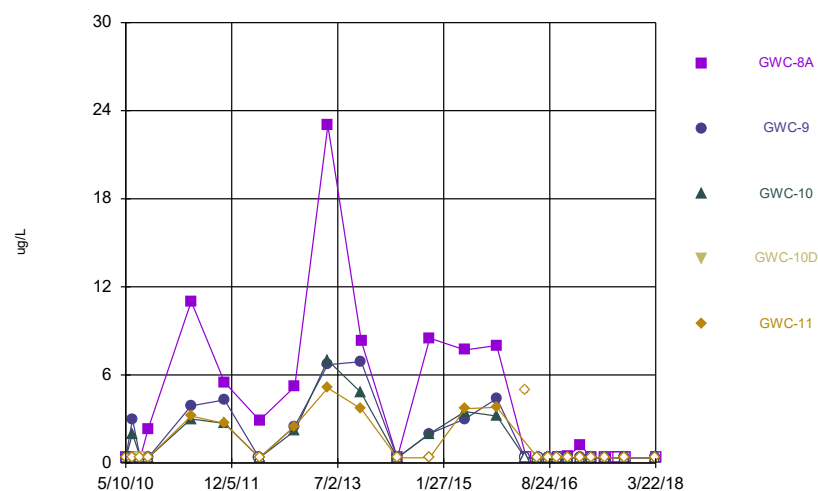
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Time Series



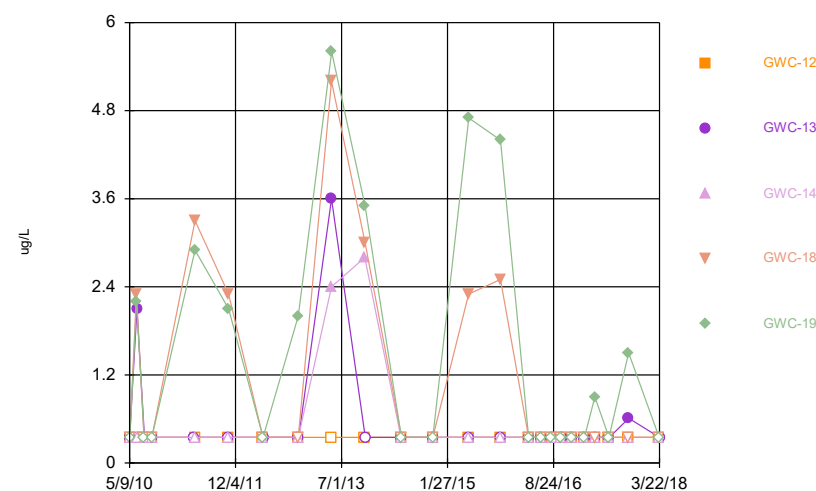
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Time Series



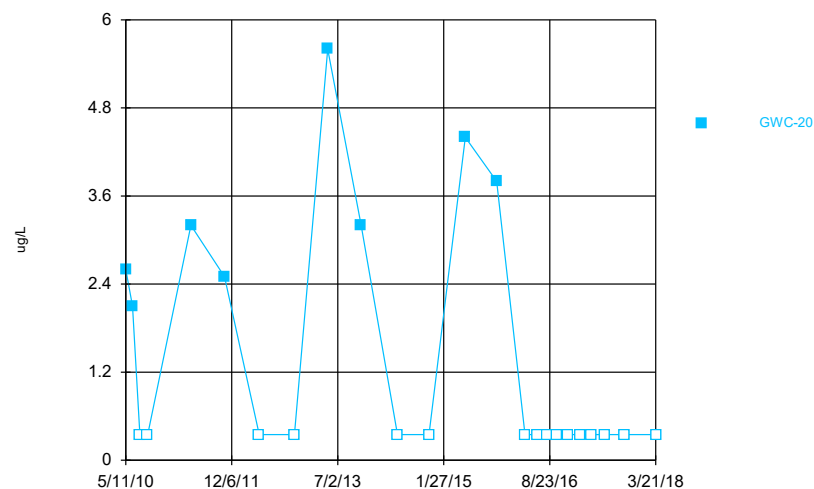
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Time Series

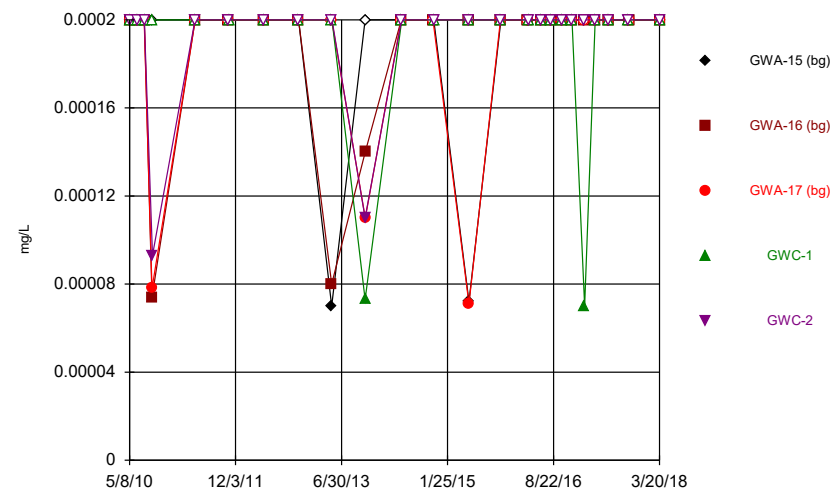


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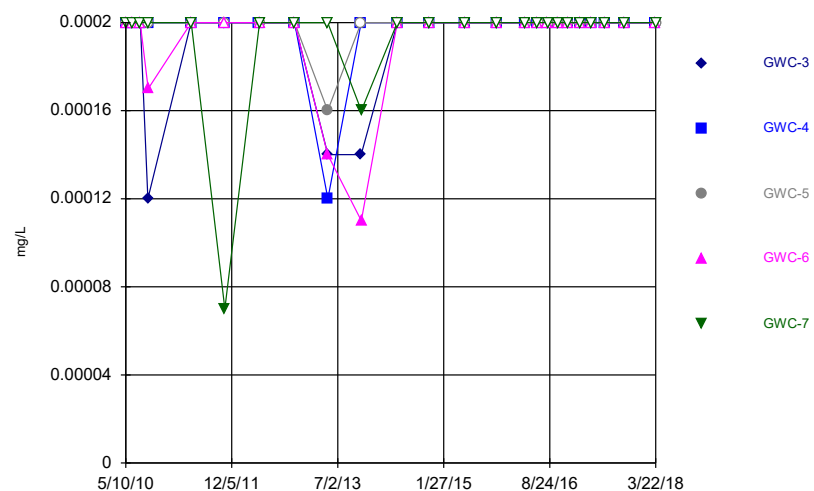
Time Series



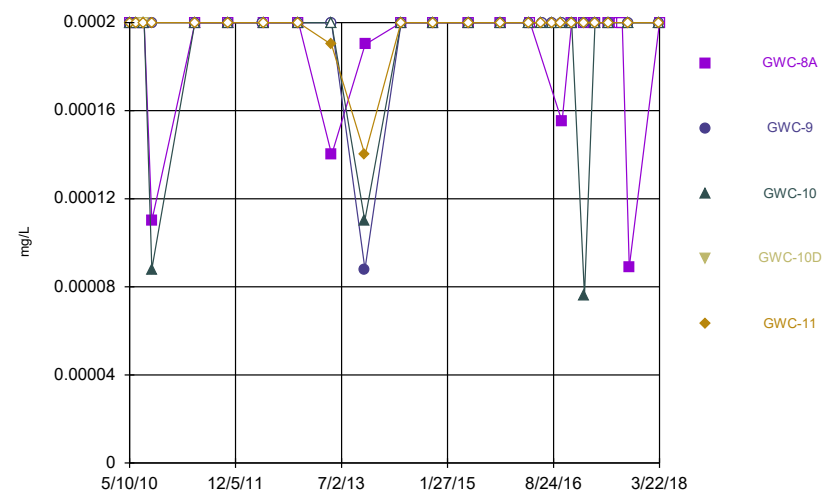
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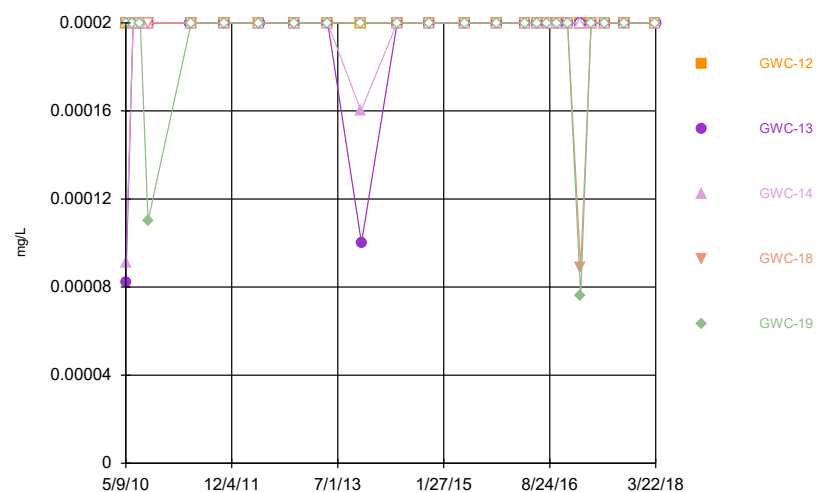
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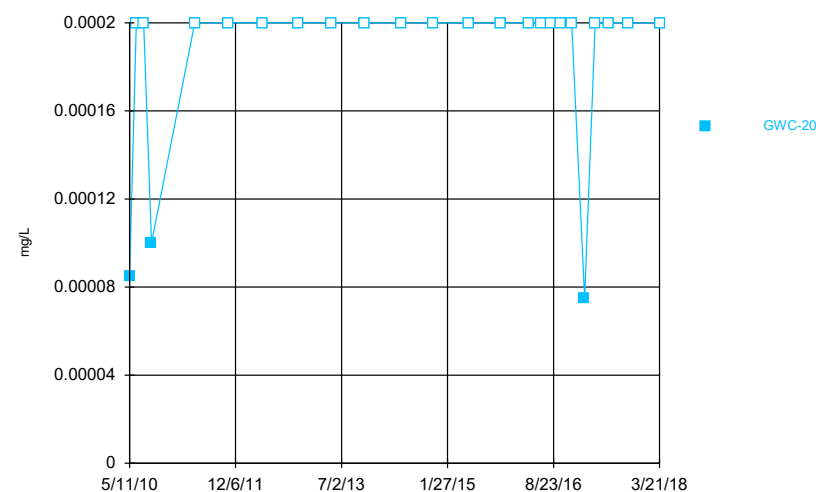
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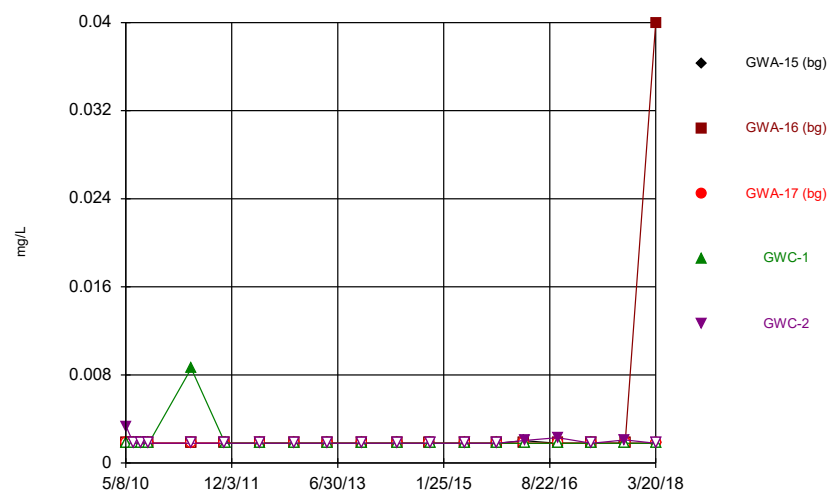
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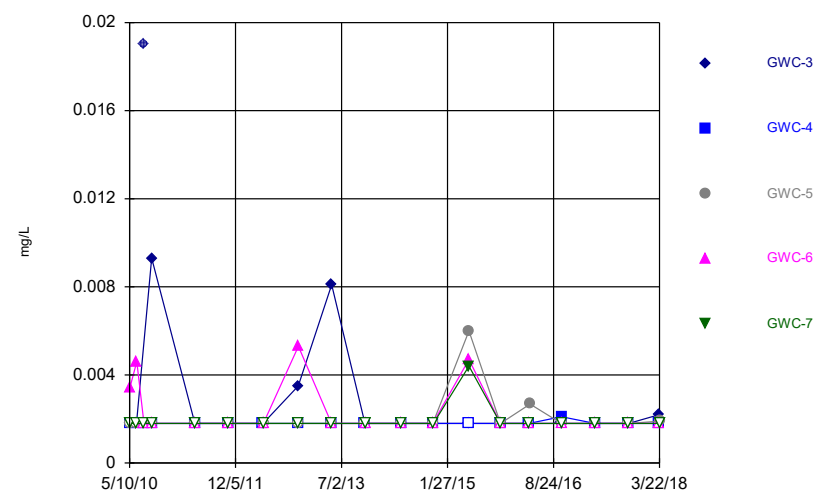
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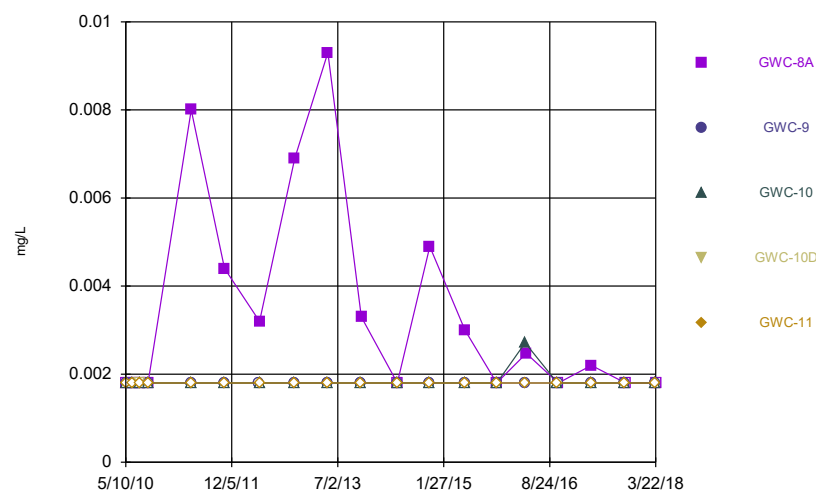
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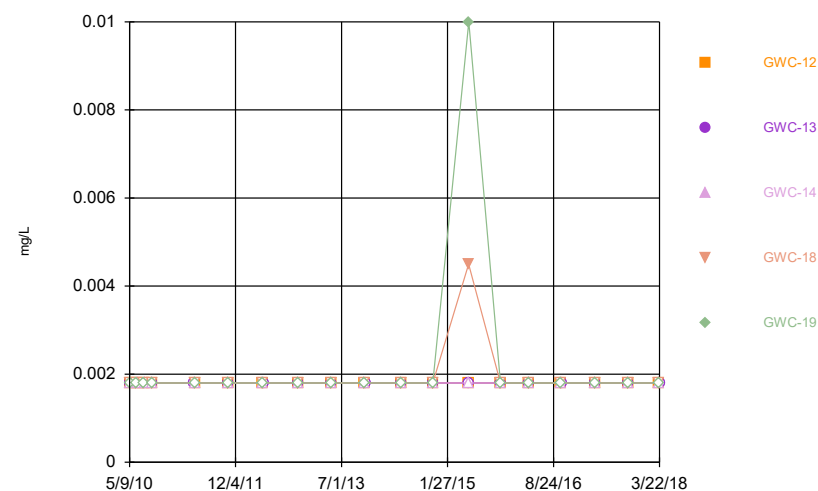
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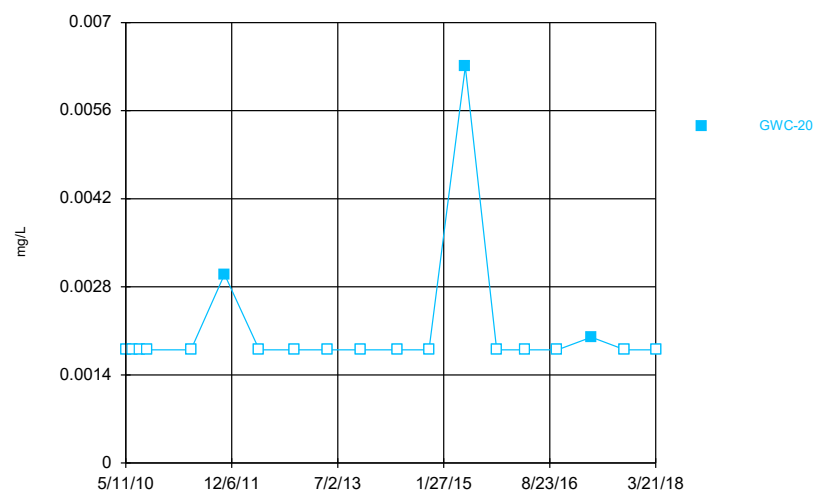
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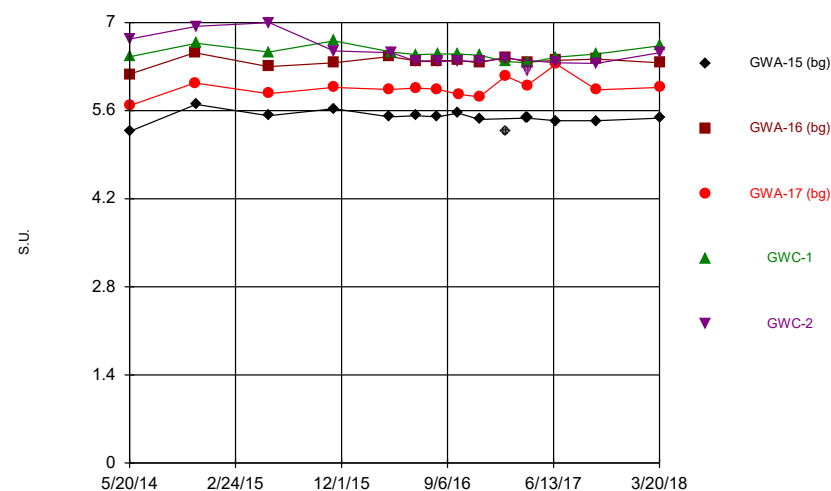
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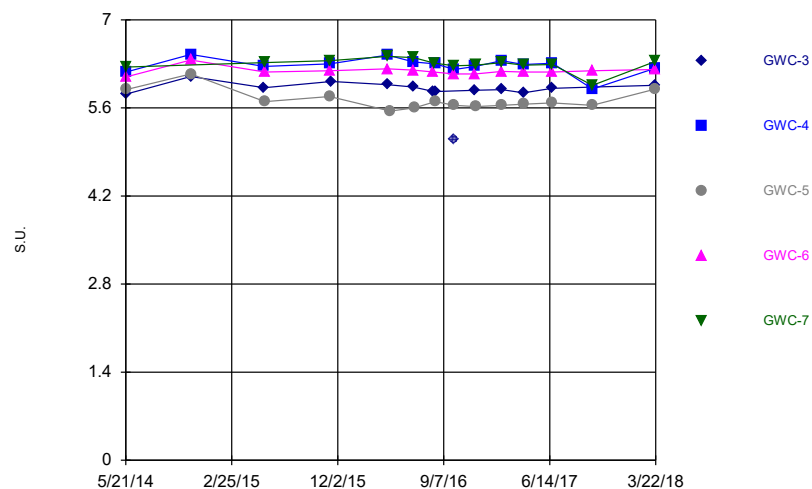
Time Series



Time Series

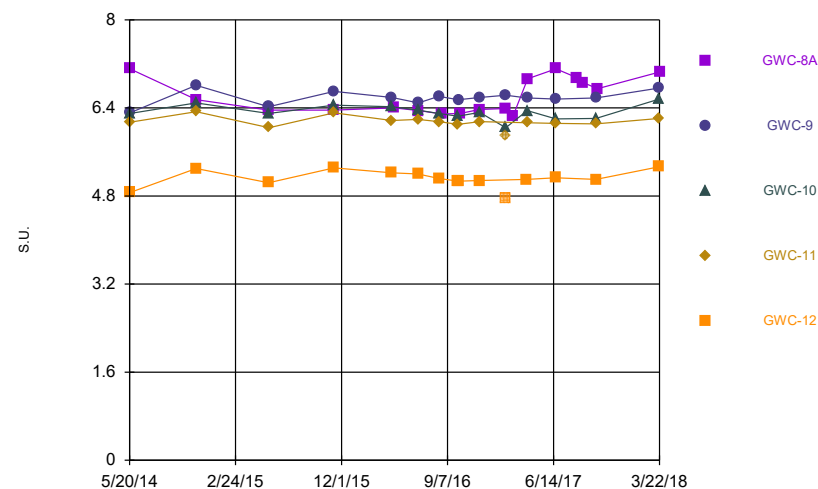


Time Series



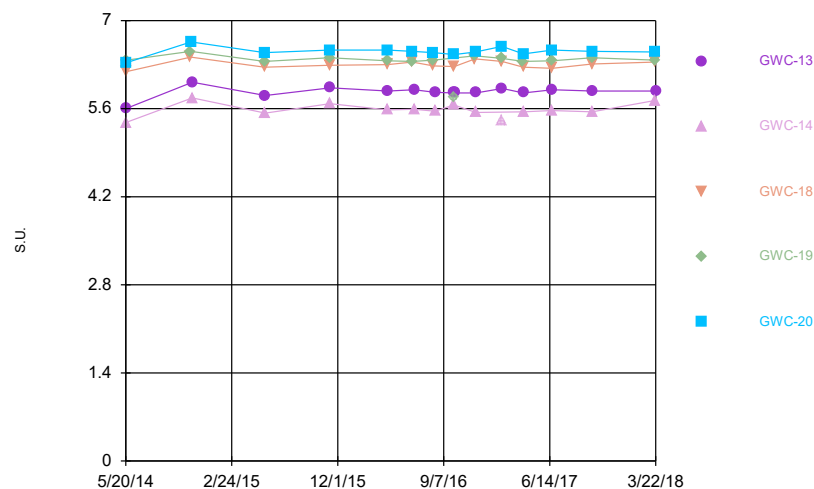
Constituent: pH Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



Constituent: pH Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

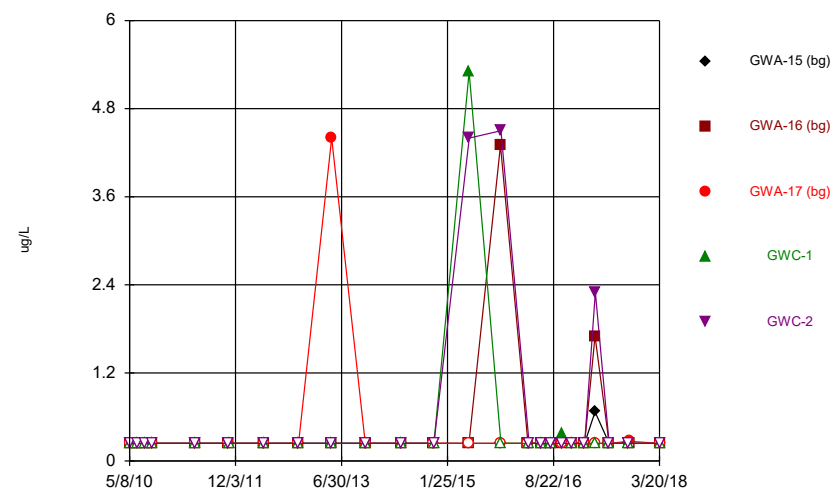
Time Series



Constituent: pH Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

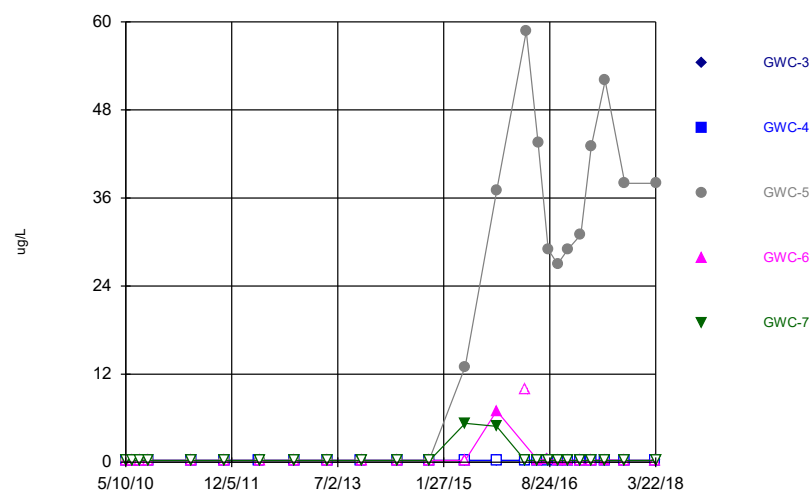
Hollow symbols indicate censored values.

Time Series



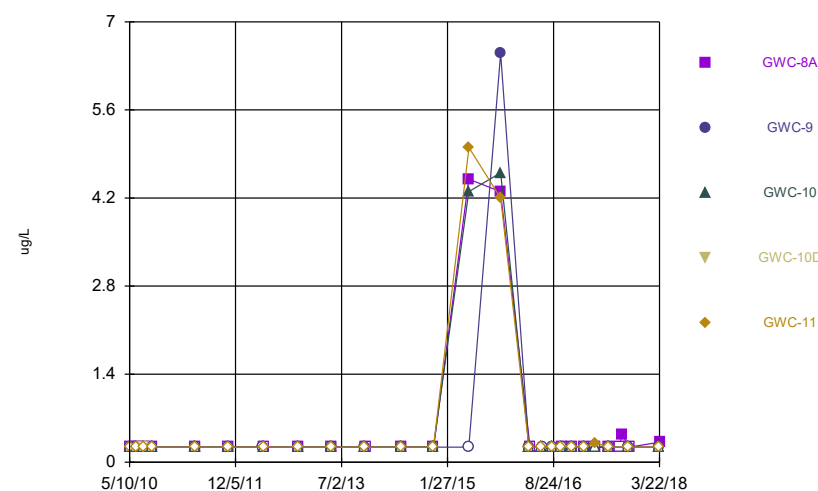
Constituent: Selenite, Total Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



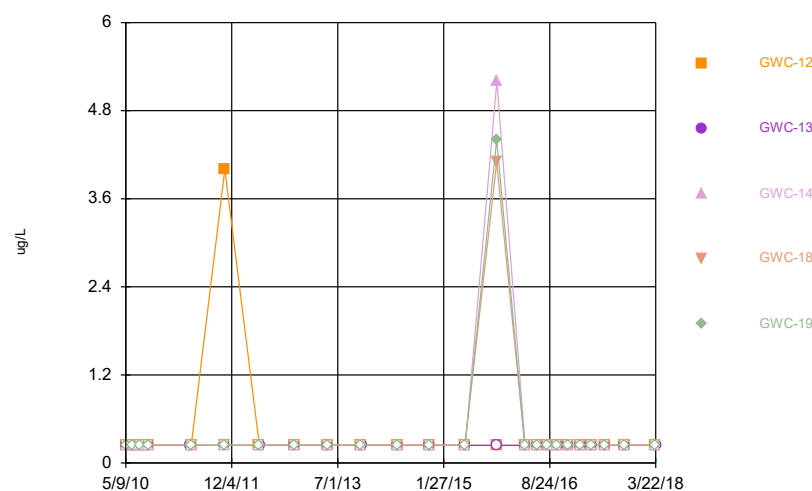
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



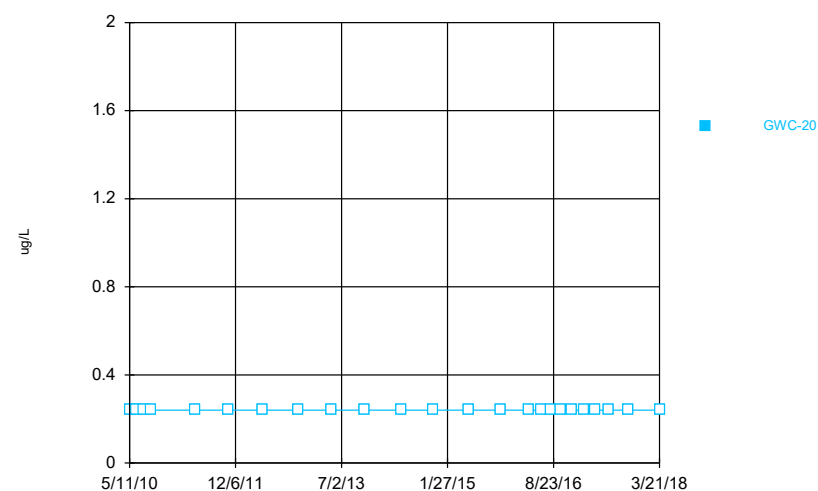
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



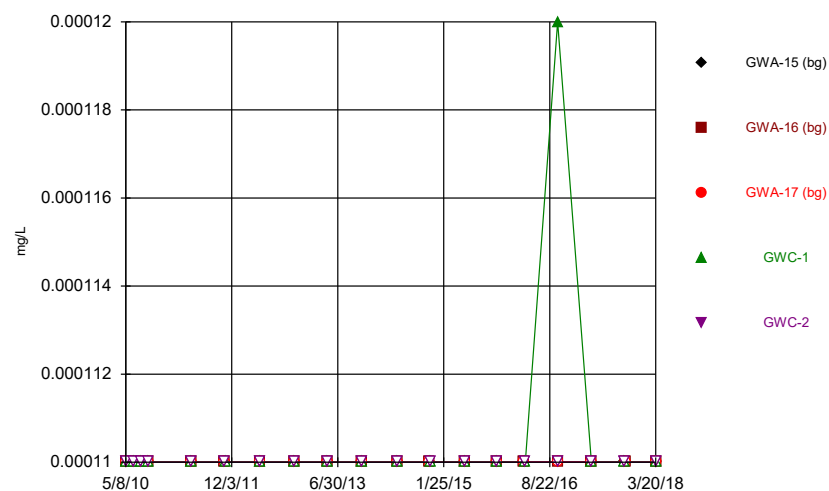
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

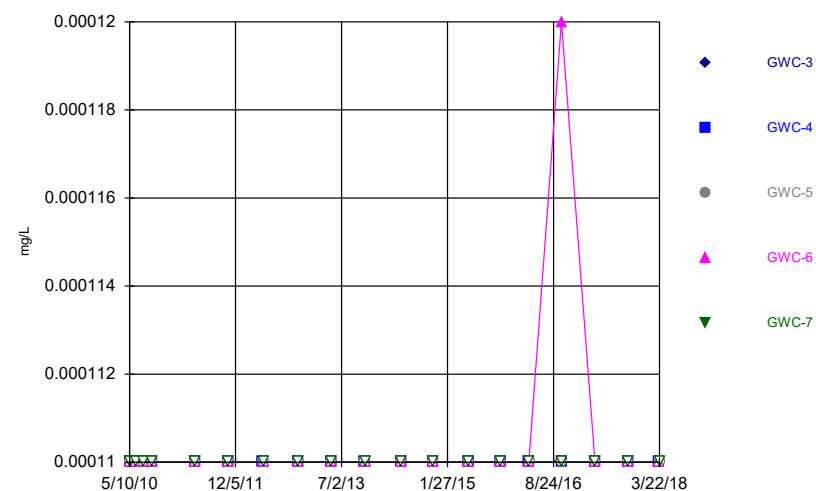


Constituent: Selenium, Total Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

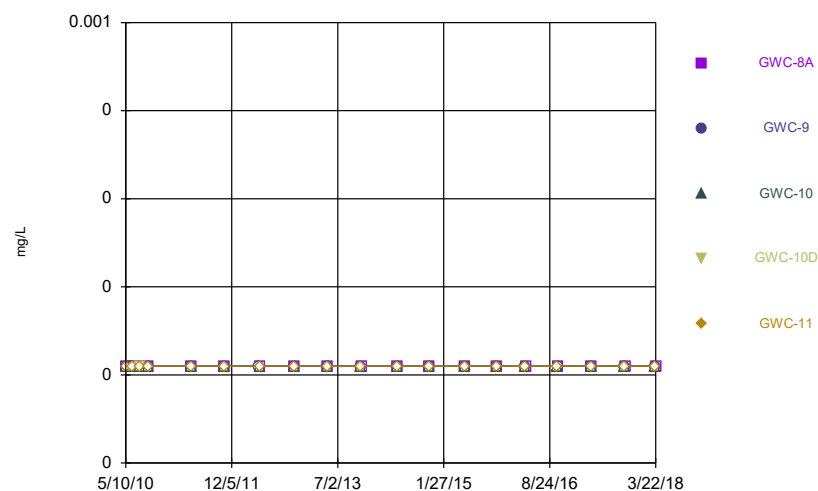
Time Series



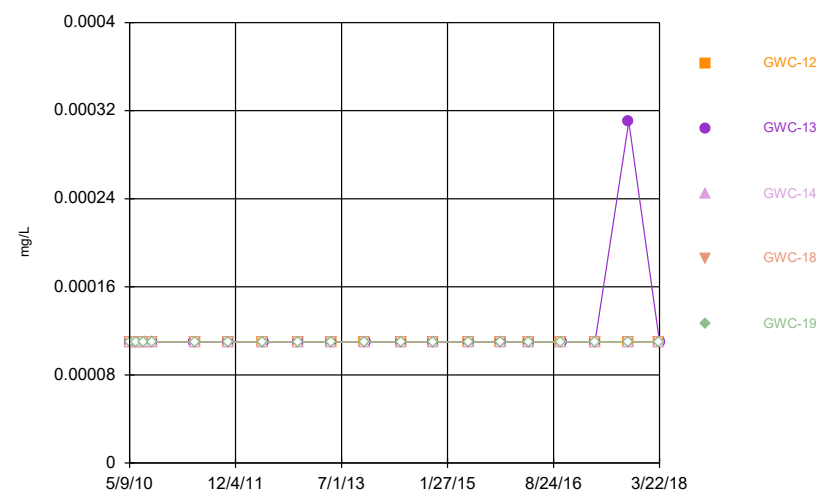
Time Series



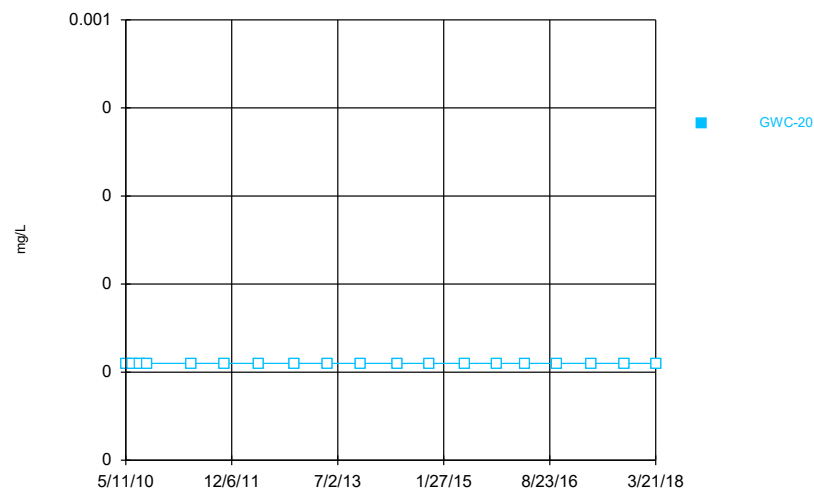
Time Series



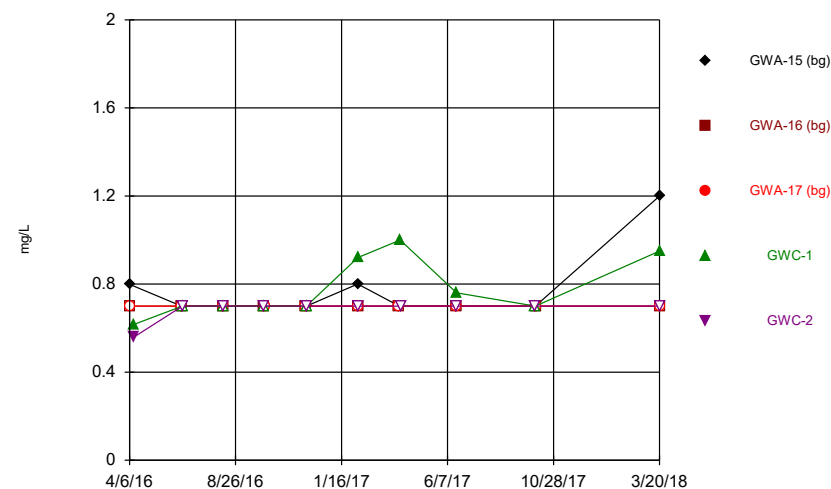
Time Series



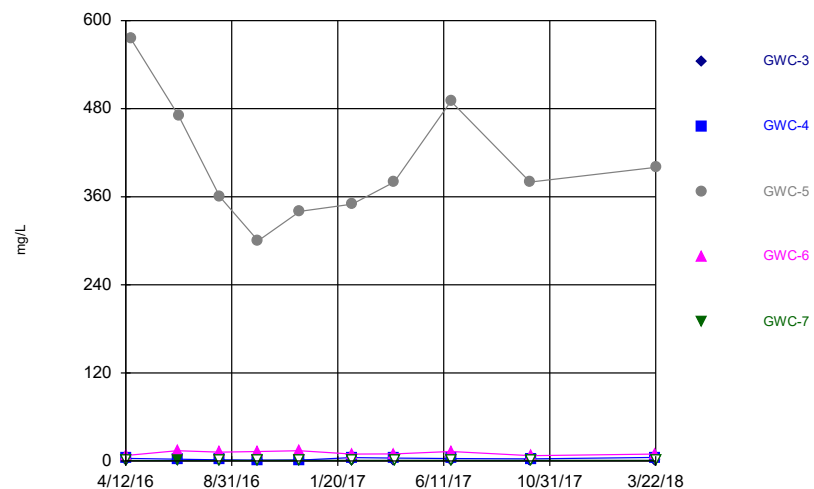
Time Series



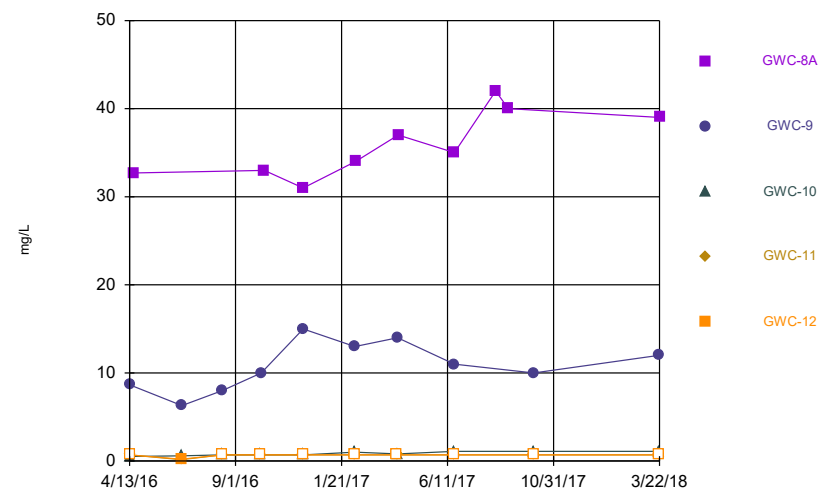
Time Series

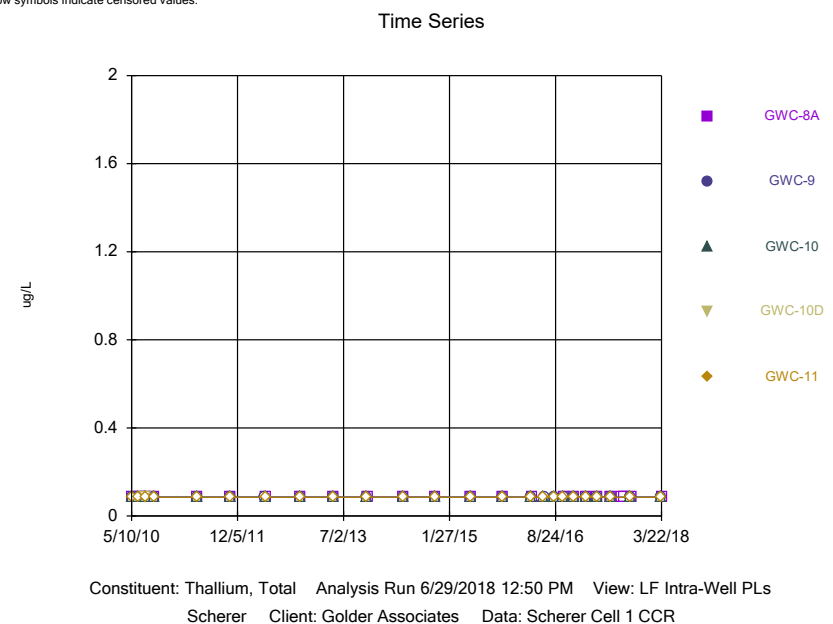
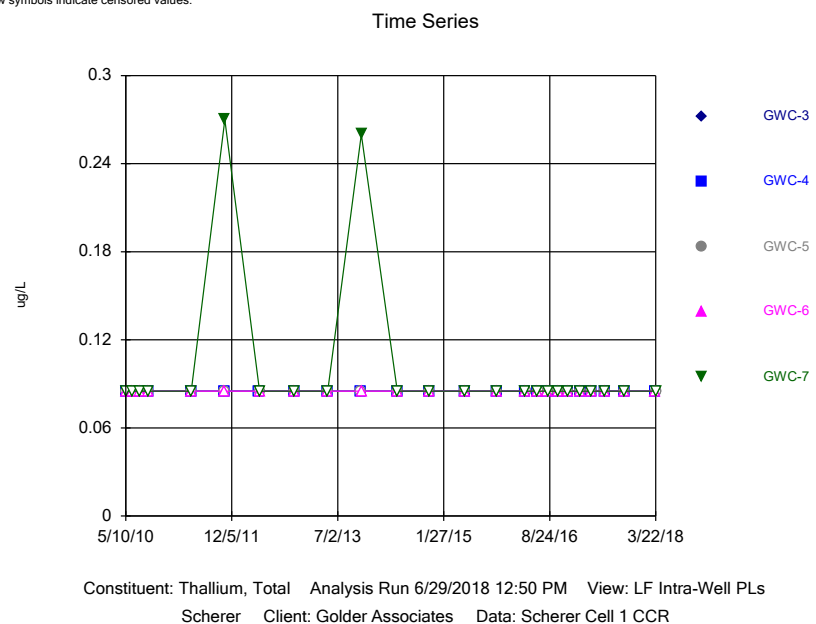
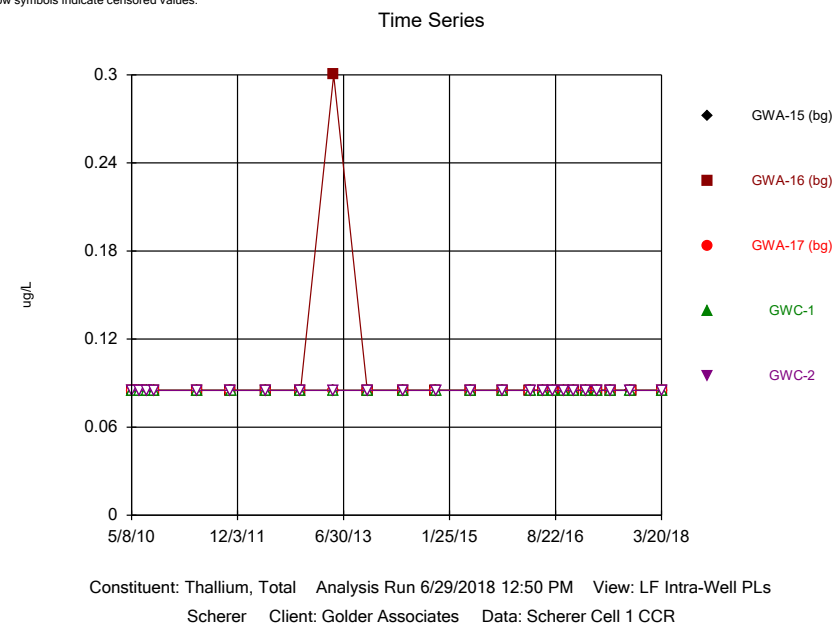
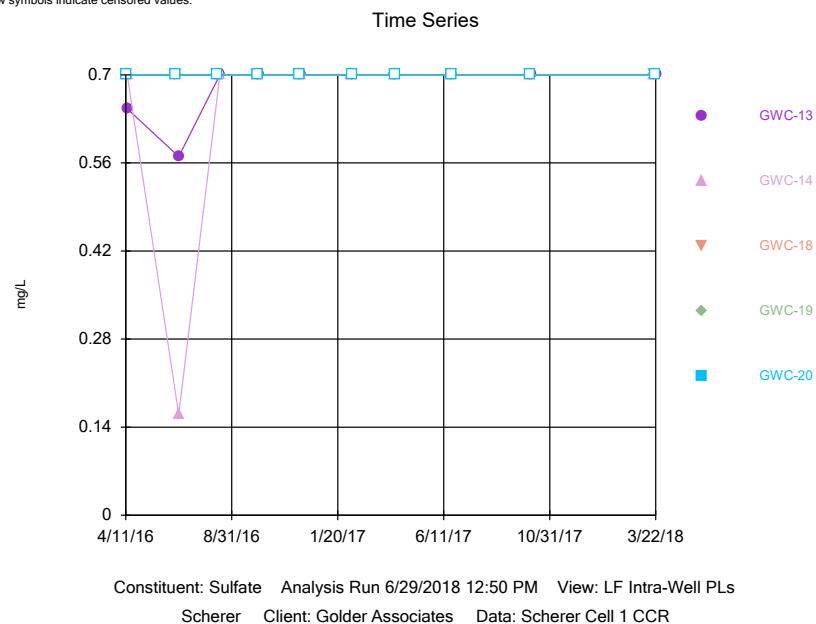


Time Series

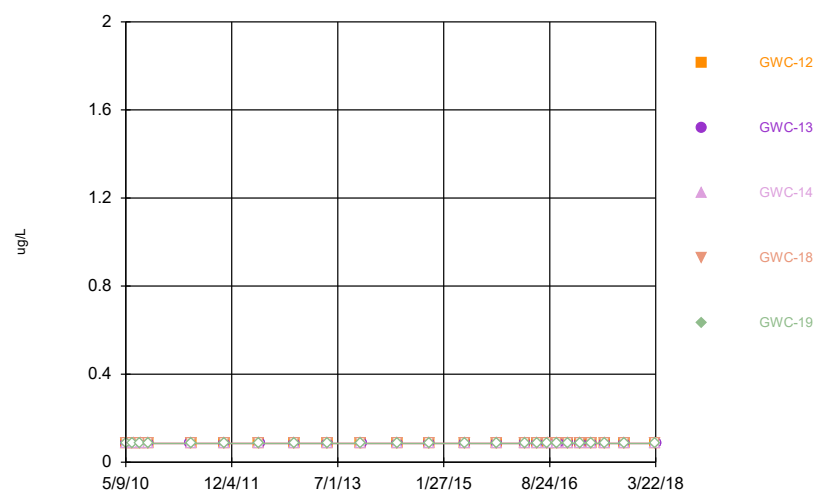


Time Series

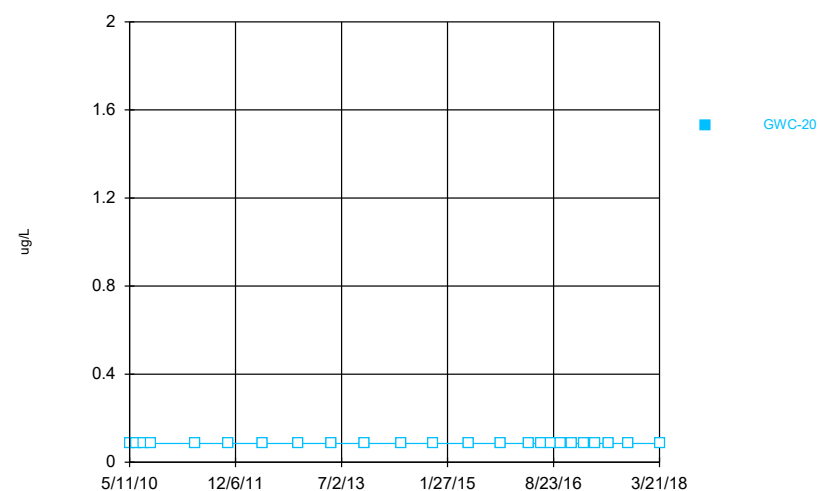




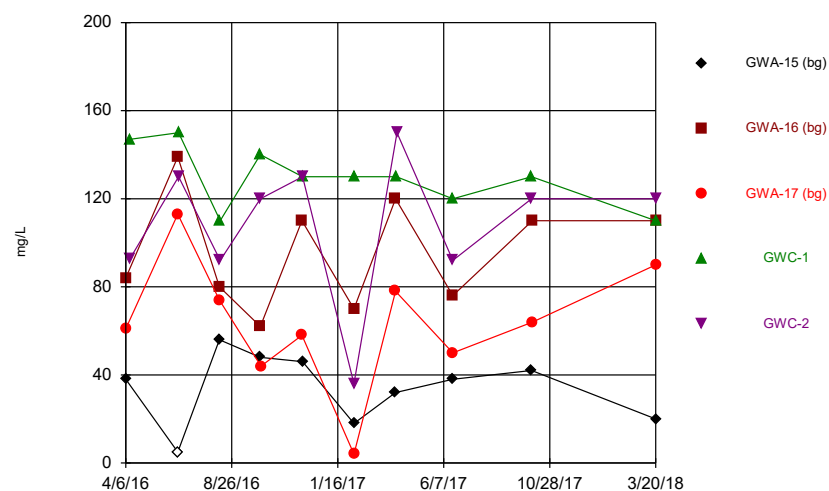
Time Series



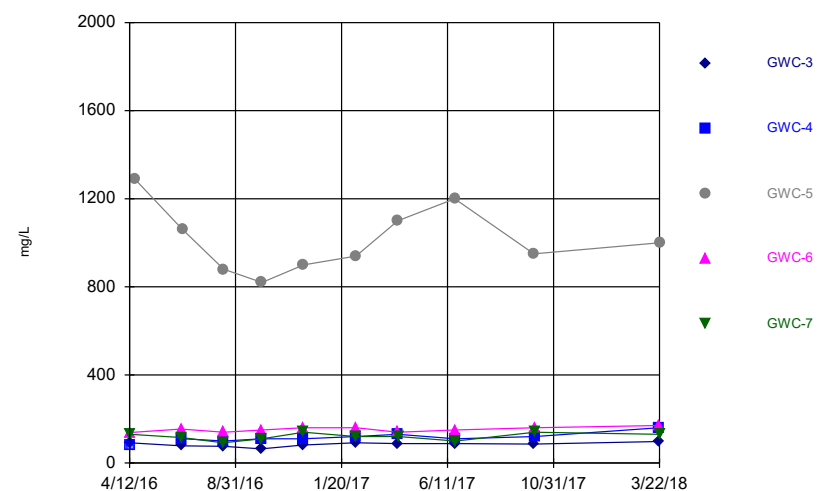
Time Series



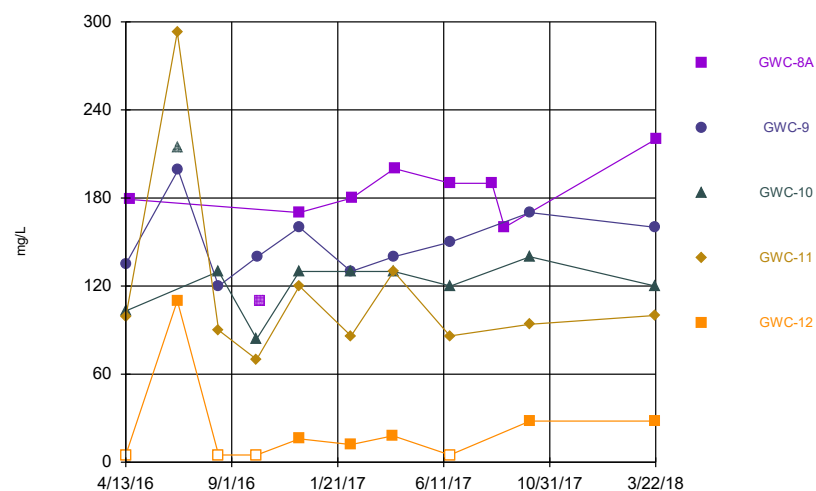
Time Series



Time Series

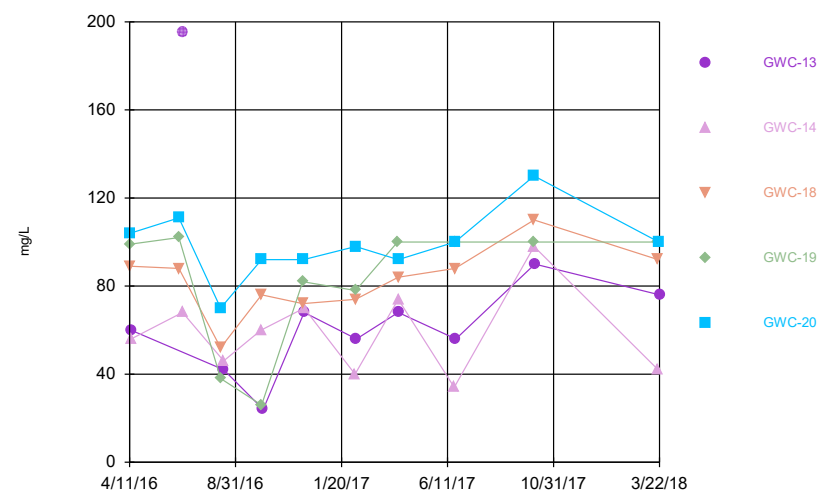


Time Series



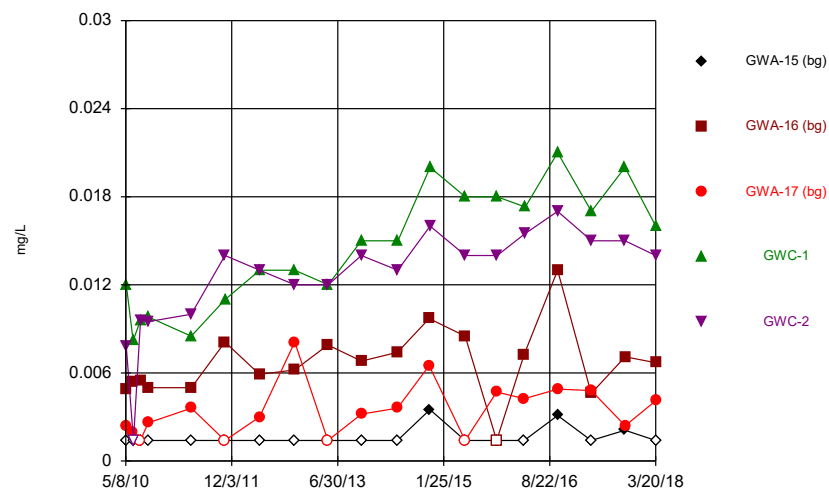
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



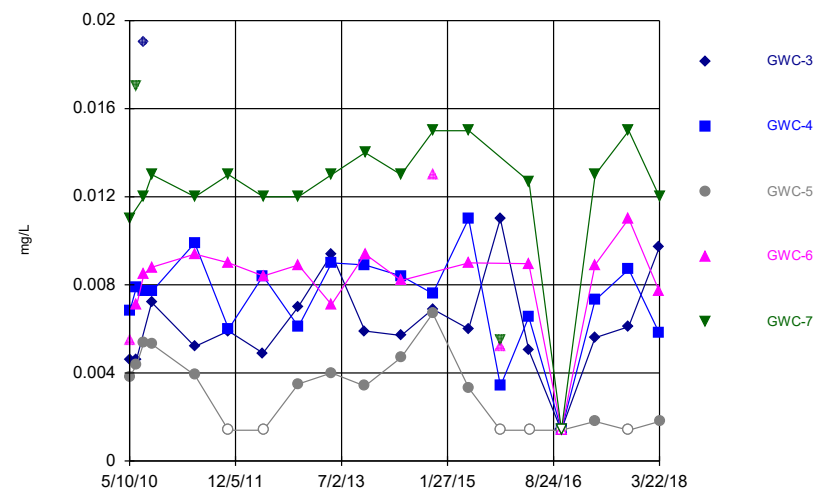
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



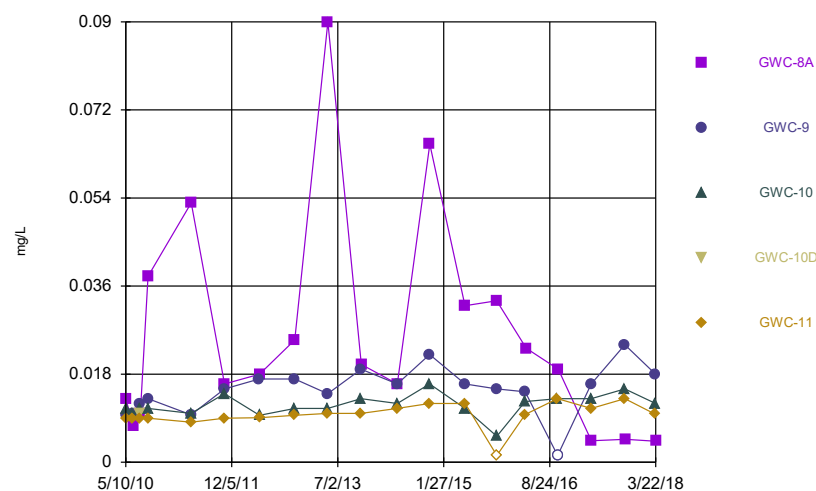
Constituent: Vanadium Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

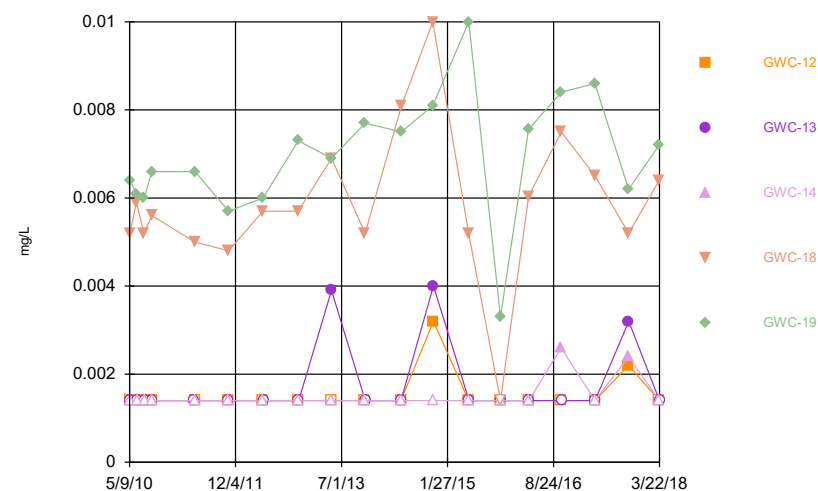


Constituent: Vanadium Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

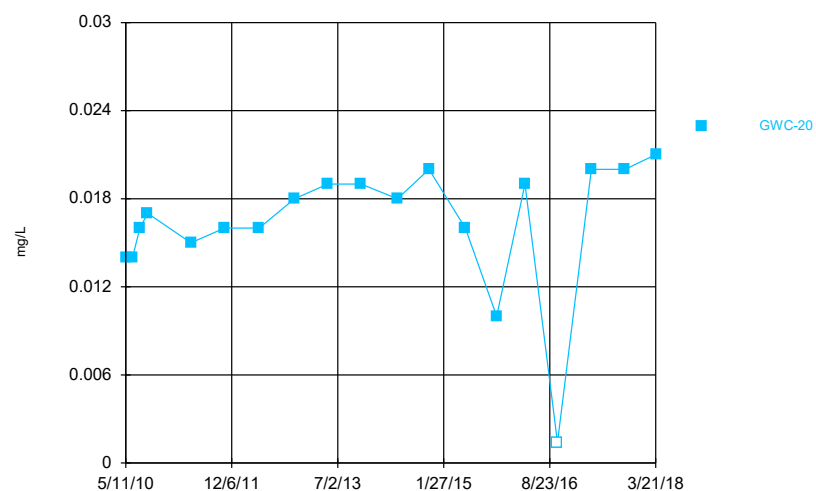
Time Series



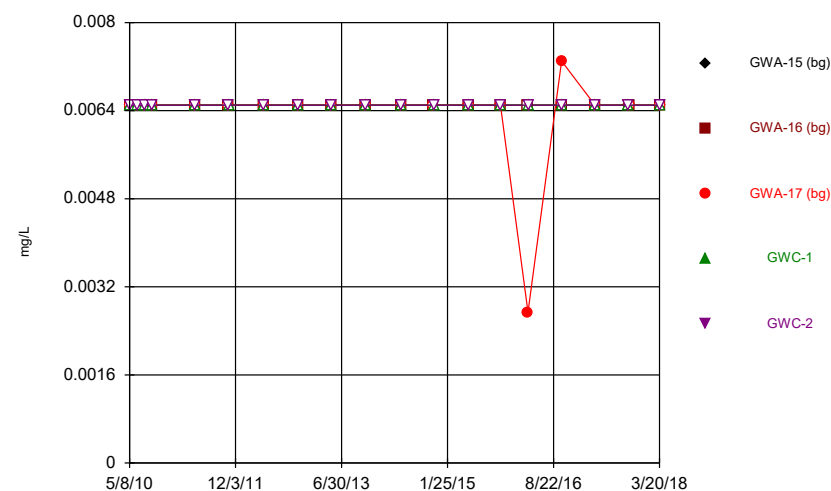
Time Series



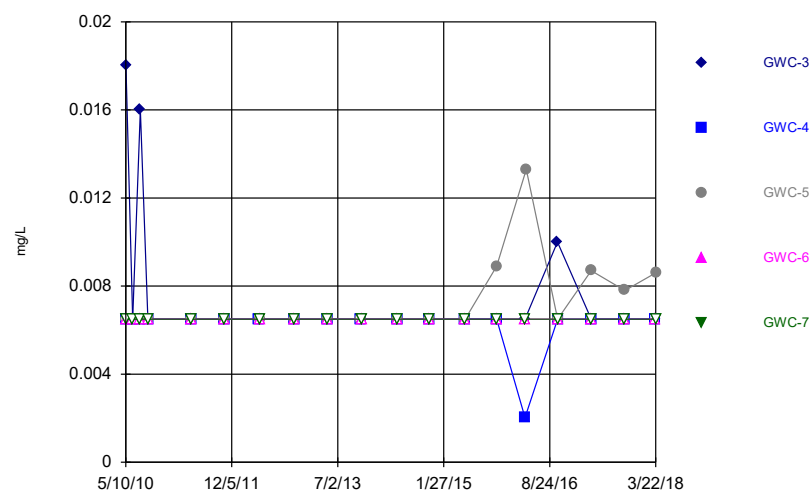
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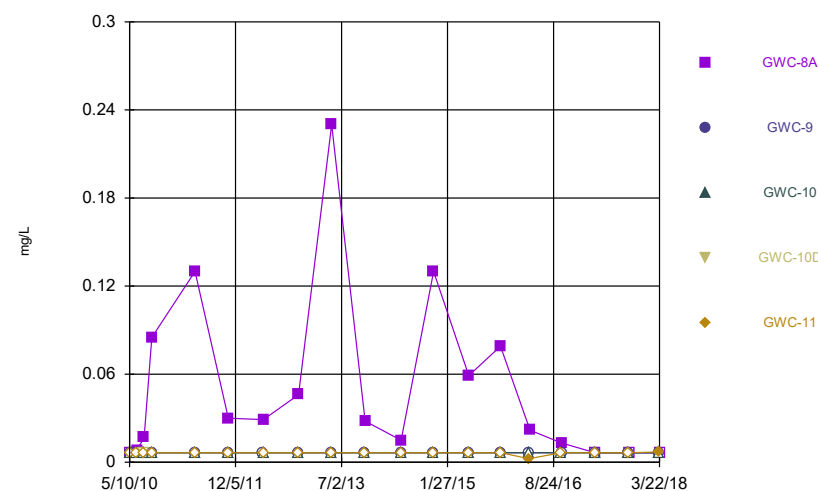
Time Series



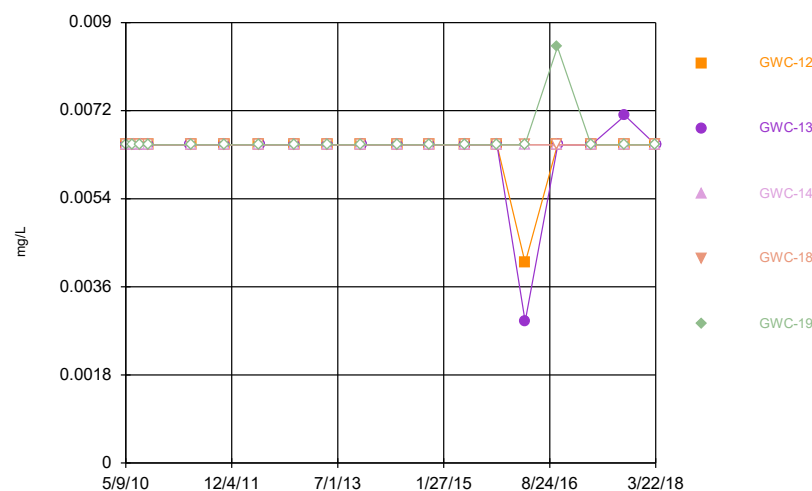
Time Series



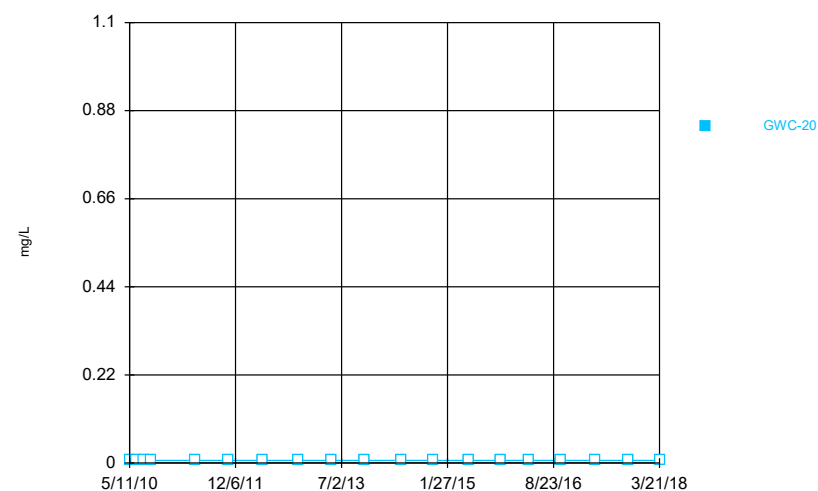
Time Series



Time Series



Time Series



Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWC-5	0.021	n/a	3/22/2018	0.48	Yes	30	96.67	n/a	0.001781	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.77	n/a	3/22/2018	130	Yes	30	0	x^(1/3)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.6	n/a	3/22/2018	74	Yes	30	0	n/a	0.001781	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	3/22/2018	38	Yes	72	91.67	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1.15	n/a	3/22/2018	400	Yes	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	141.2	n/a	3/22/2018	1000	Yes	30	3.333	No	0.000...	Param Inter 1 of 2

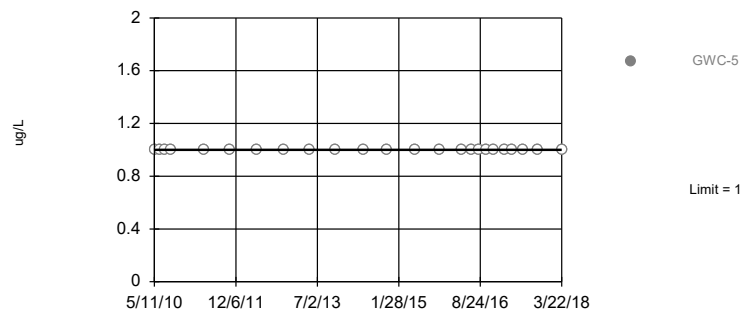
Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWC-5	1	n/a	3/22/2018	1ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-5	0.46	n/a	3/22/2018	0.46	No	72	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Barium, Total (ug/L)	GWC-5	48	n/a	3/22/2018	48	No	72	2.778	n/a	0.000...	NP Inter (normality) ...
Beryllium, Total (ug/L)	GWC-5	2.1	n/a	3/22/2018	0.34ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.021	n/a	3/22/2018	0.48	Yes	30	96.67	n/a	0.001781	NP Inter (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-5	0.34	n/a	3/22/2018	0.34ND	No	72	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.77	n/a	3/22/2018	130	Yes	30	0	x^(1/3)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.6	n/a	3/22/2018	74	Yes	30	0	n/a	0.001781	NP Inter (normality) ...
Chromium, Total (ug/L)	GWC-5	9	n/a	3/22/2018	8.6	No	71	35.21	n/a	0.000...	NP Inter (normality) ...
Cobalt, Total (ug/L)	GWC-5	3	n/a	3/22/2018	0.4ND	No	71	84.51	n/a	0.000...	NP Inter (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.0021	n/a	3/22/2018	0.0021ND	No	57	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	3/22/2018	0.082ND	No	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Lead, Total (ug/L)	GWC-5	5.1	n/a	3/22/2018	0.35ND	No	72	79.17	n/a	0.000...	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	3/22/2018	0.0002ND	No	72	88.89	n/a	0.000...	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.04	n/a	3/22/2018	0.0019	No	57	96.49	n/a	0.000...	NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-5	6.52	5.27	3/22/2018	5.9	No	42	0	n/a	0.002004	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	3/22/2018	38	Yes	72	91.67	n/a	0.000...	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.00011	n/a	3/22/2018	0.00011ND	No	57	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1.15	n/a	3/22/2018	400	Yes	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-5	0.3	n/a	3/22/2018	0.085ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	141.2	n/a	3/22/2018	1000	Yes	30	3.333	No	0.000...	Param Inter 1 of 2
Vanadium (mg/L)	GWC-5	0.013	n/a	3/22/2018	0.0018	No	57	36.84	n/a	0.000...	NP Inter (normality) ...
Zinc (mg/L)	GWC-5	0.0073	n/a	3/22/2018	0.0086	No	57	96.49	n/a	0.000...	NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

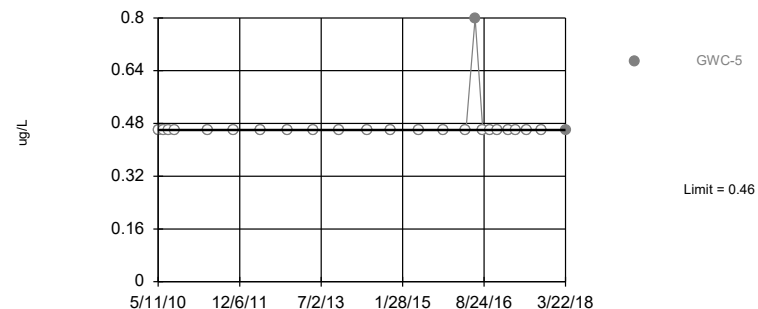


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Antimony, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

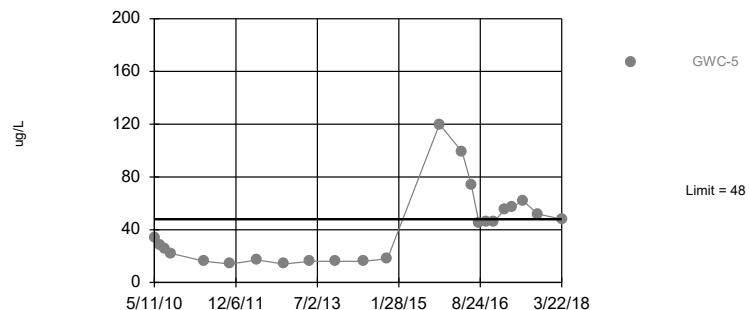


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 72) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

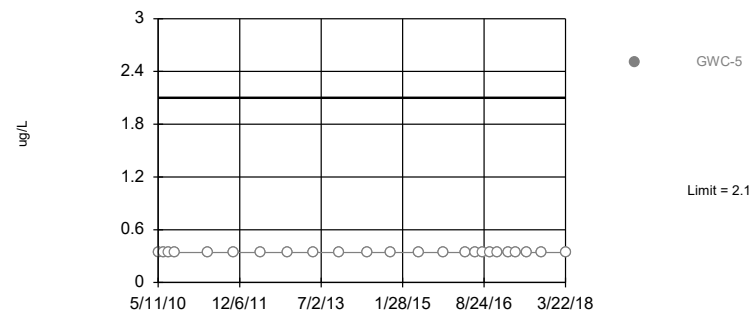


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. 2.778% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Barium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

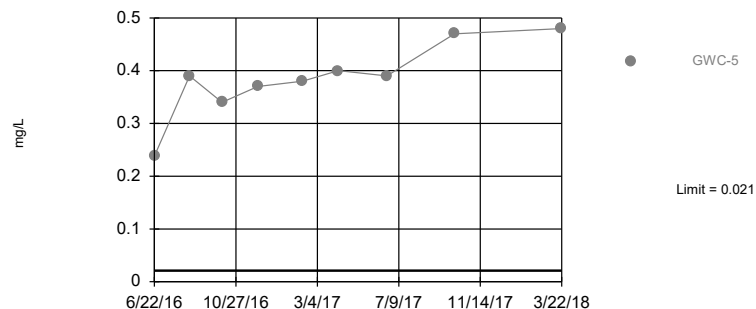


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric

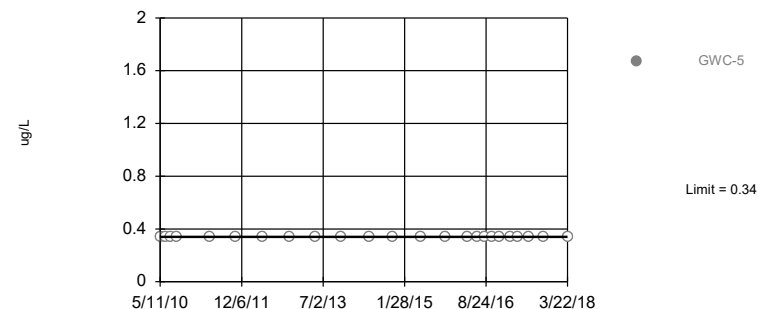


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Boron Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

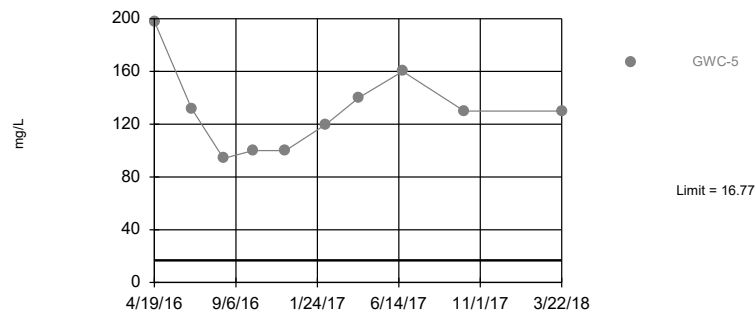


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 72) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Parametric

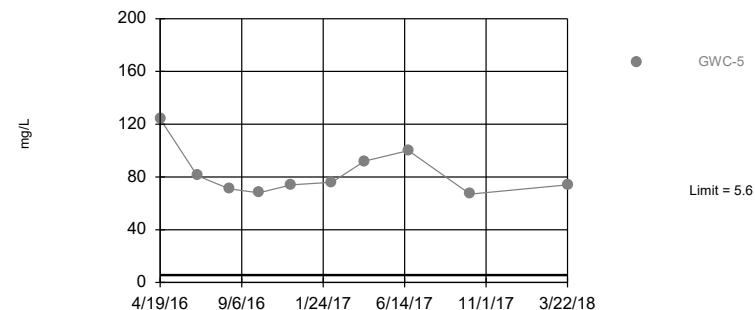


Background Data Summary (based on cube root transformation): Mean=1.915, Std. Dev.=0.2826, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9047, critical = 0.9. Kappa = 2.28 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: Calcium Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric



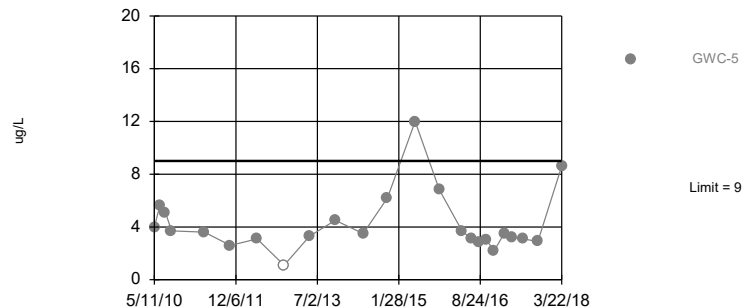
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Chloride Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Interwell Non-parametric



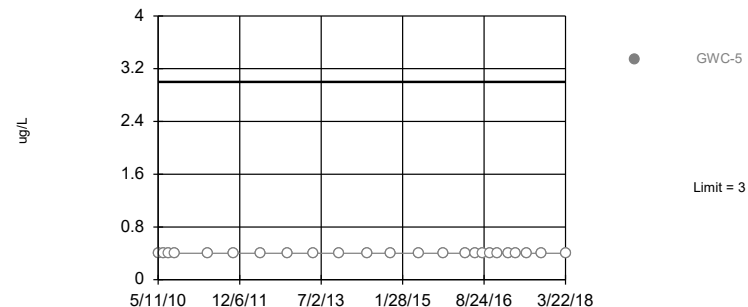
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 71 background values. 35.21% NDs. Annual per-constituent alpha = 0.01255. Individual comparison alpha = 0.0003713 (1 of 2). Assumes 16 future values.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Interwell Non-parametric



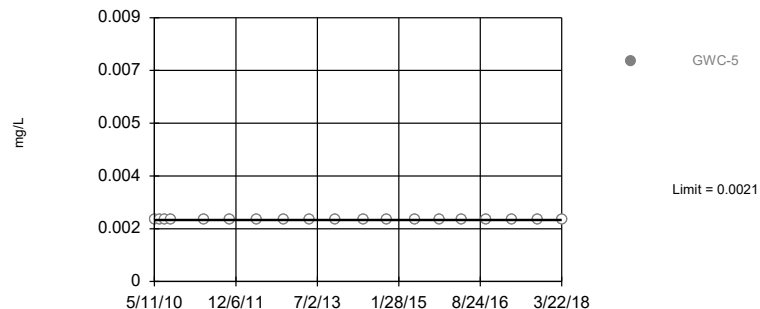
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 71 background values. 84.51% NDs. Annual per-constituent alpha = 0.01255. Individual comparison alpha = 0.0003713 (1 of 2). Assumes 16 future values.

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Interwell Non-parametric



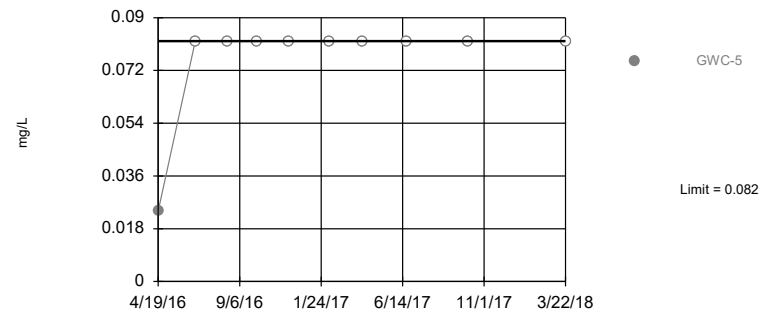
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 57) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Copper Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Interwell Non-parametric

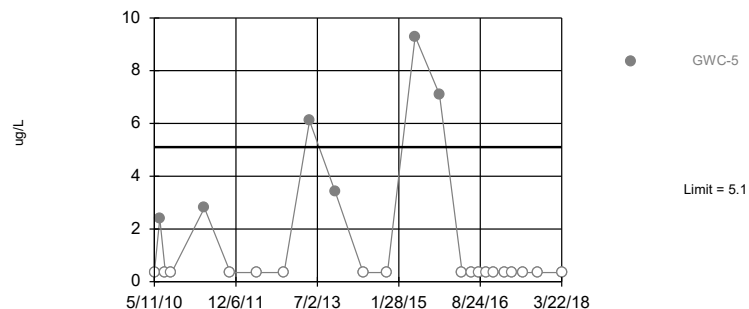


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Fluoride Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

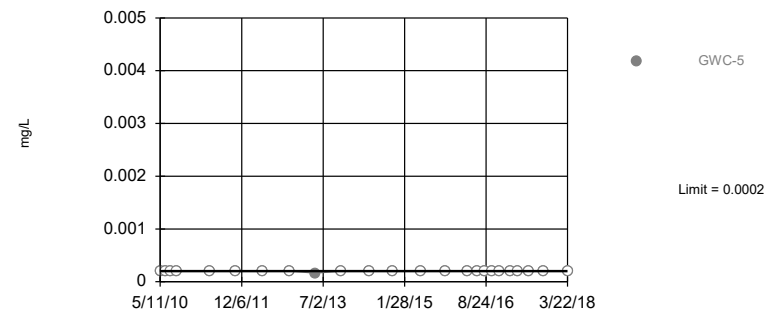


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 79.17% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Lead, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

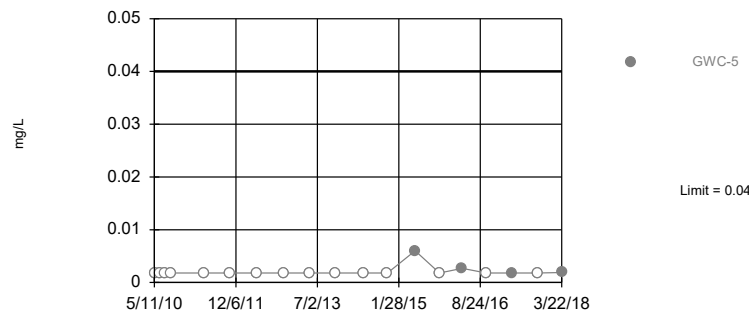


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 88.89% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Mercury Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

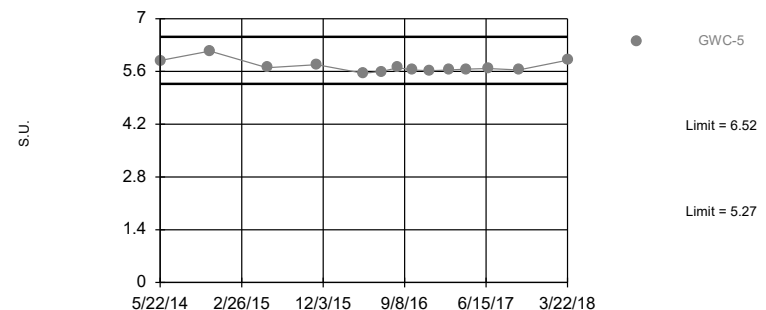


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 96.49% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Nickel Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Interwell Non-parametric

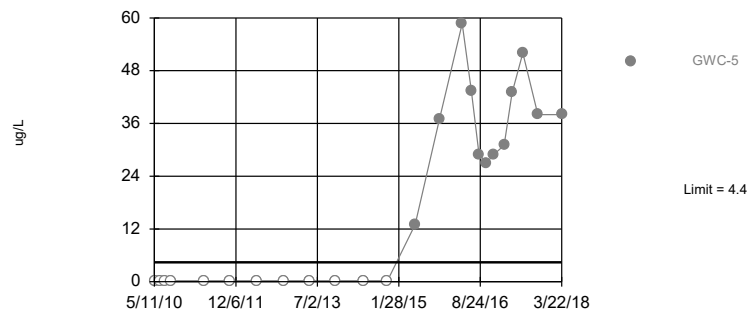


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 42 background values. Annual per-constituent alpha = 0.06702. Individual comparison alpha = 0.002004 (1 of 2). Assumes 16 future values.

Constituent: pH Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric

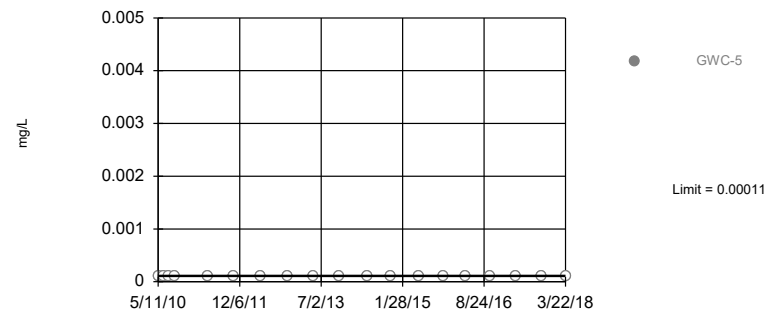


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 91.67% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Selenium, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric

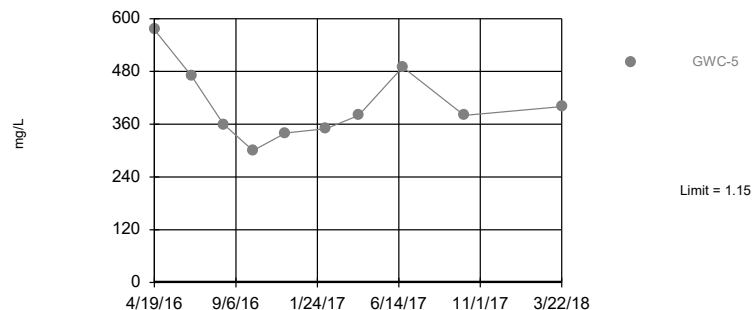


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 57) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Silver Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric

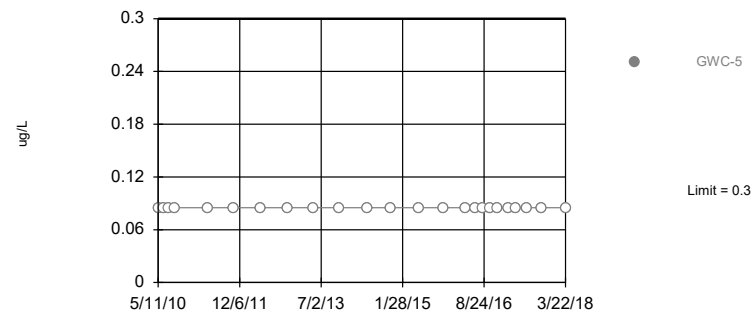


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Interwell Non-parametric



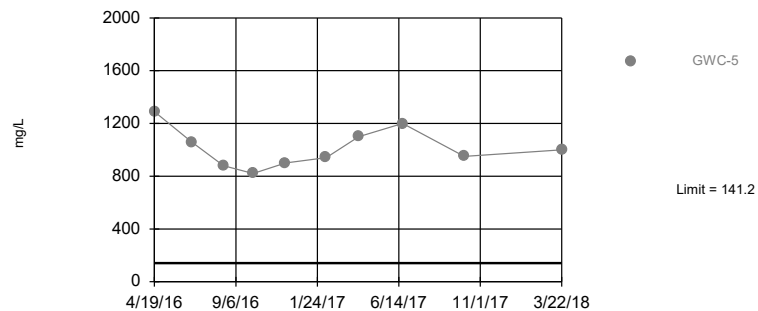
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=65.63, Std. Dev.=33.14, n=30, 3.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.972, critical = 0.9. Kappa = 2.28 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

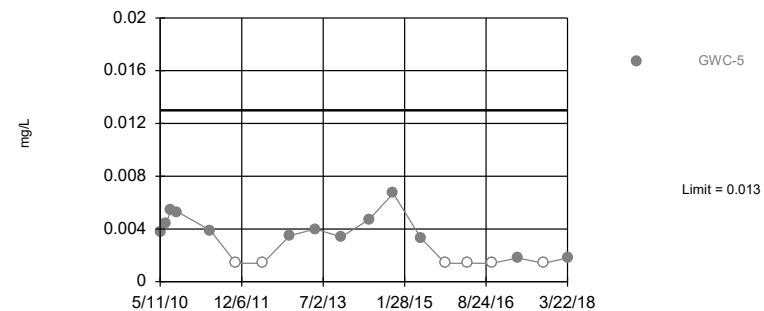
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 57 background values. 36.84% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

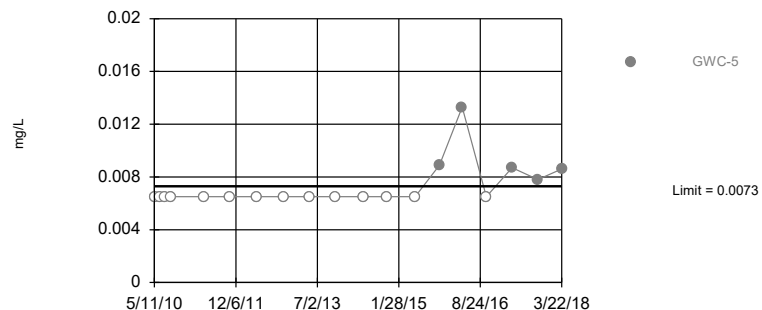
Constituent: Vanadium Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 96.49% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Zinc Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Trend Test

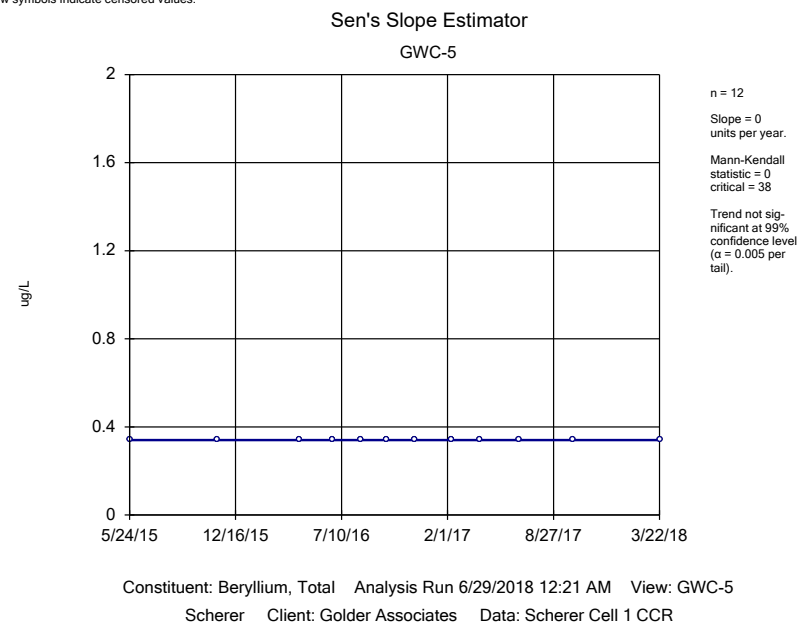
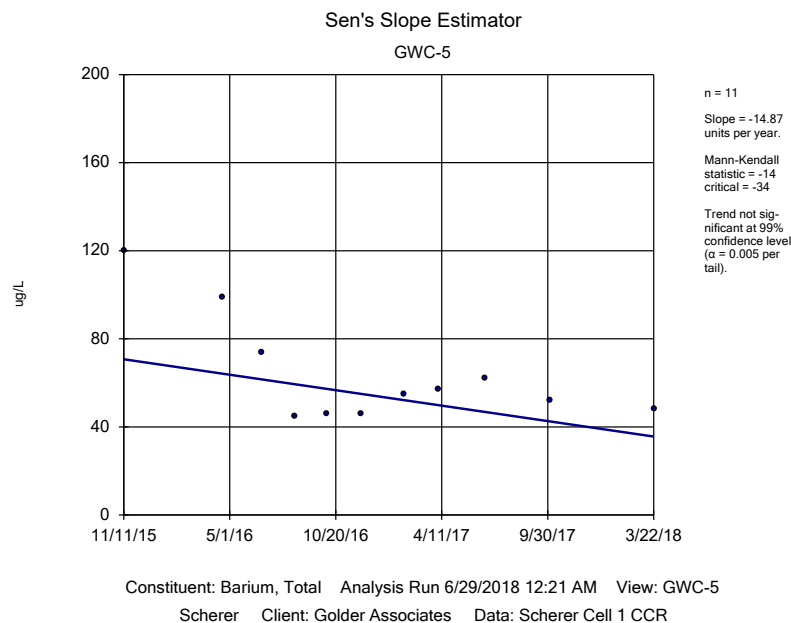
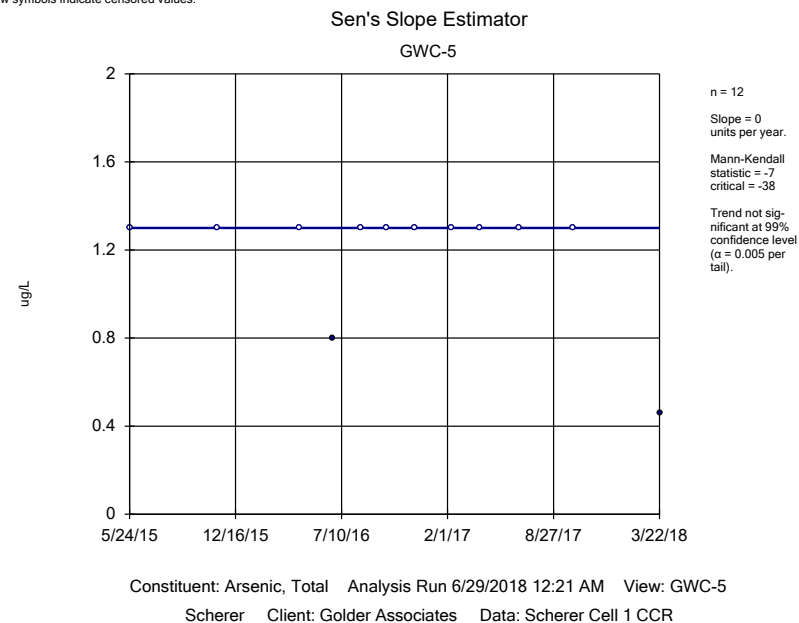
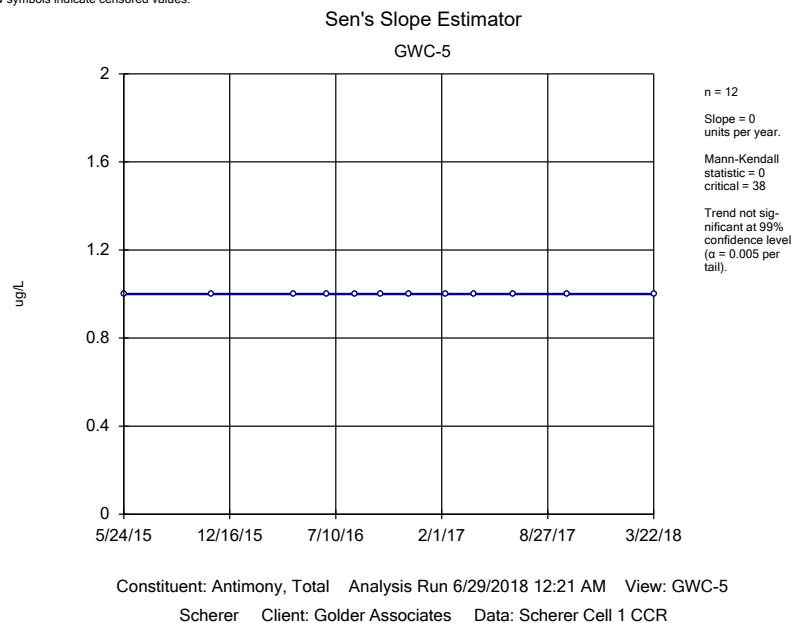
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:22 AM

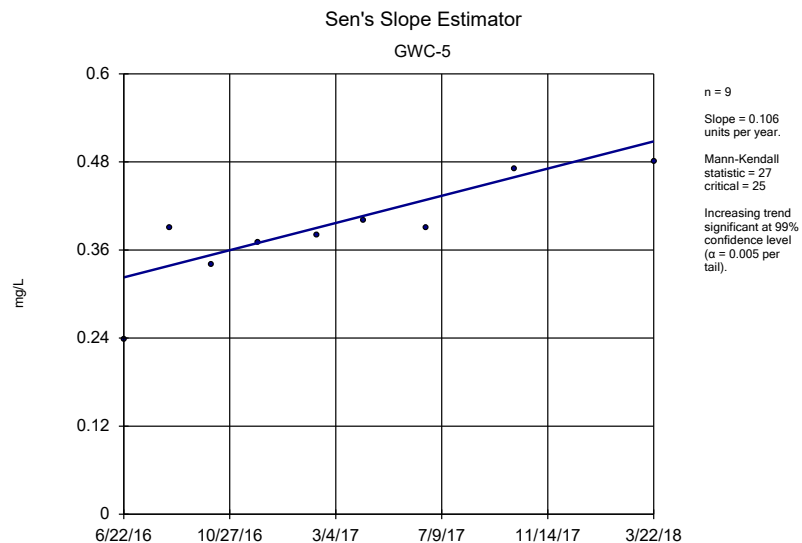
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWC-5	0.106	27	25	Yes	9	0	n/a	n/a	0.01	NP

Trend Test

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:22 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Antimony, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Arsenic, Total (ug/L)	GWC-5	0	-7	-38	No	12	83.33	n/a	n/a	0.01	NP
Barium, Total (ug/L)	GWC-5	-14.87	-14	-34	No	11	0	n/a	n/a	0.01	NP
Beryllium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-5	0.106	27	25	Yes	9	0	n/a	n/a	0.01	NP
Cadmium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-5	10.14	5	30	No	10	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-5	-3.518	-6	-30	No	10	0	n/a	n/a	0.01	NP
Chromium, Total (ug/L)	GWC-5	-0.5674	-17	-38	No	12	0	n/a	n/a	0.01	NP
Cobalt, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Copper (mg/L)	GWC-5	0	0	18	No	7	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-5	0	9	30	No	10	90	n/a	n/a	0.01	NP
Lead, Total (ug/L)	GWC-5	0	-21	-38	No	12	83.33	n/a	n/a	0.01	NP
Mercury (mg/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-5	-0.00...	-12	-18	No	7	42.86	n/a	n/a	0.01	NP
pH (S.U.)	GWC-5	0.04259	10	38	No	12	0	n/a	n/a	0.01	NP
Selenium, Total (ug/L)	GWC-5	6.597	14	38	No	12	0	n/a	n/a	0.01	NP
Silver (mg/L)	GWC-5	0	0	18	No	7	100	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-5	17.59	2	30	No	10	0	n/a	n/a	0.01	NP
Thallium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-5	53.94	5	30	No	10	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-5	-0.00...	-12	-18	No	7	57.14	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-5	-0.00...	-12	-18	No	7	28.57	n/a	n/a	0.01	NP

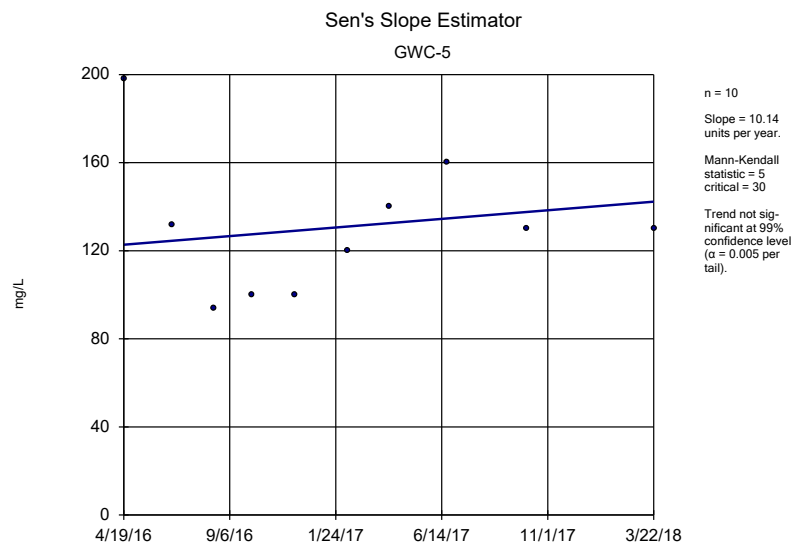




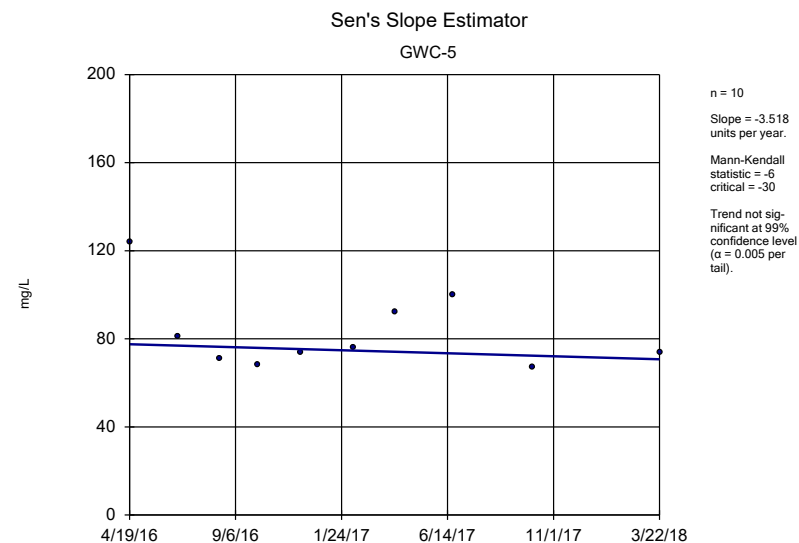
Constituent: Boron Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



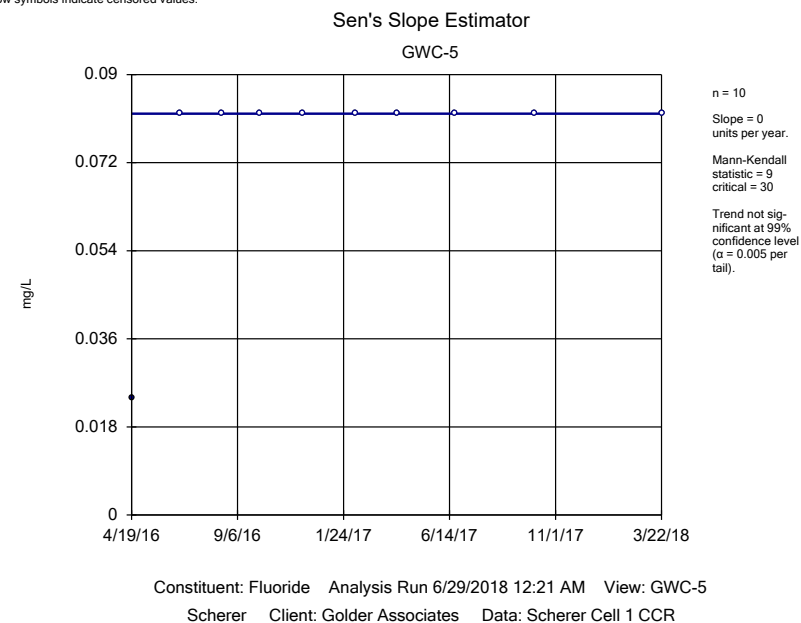
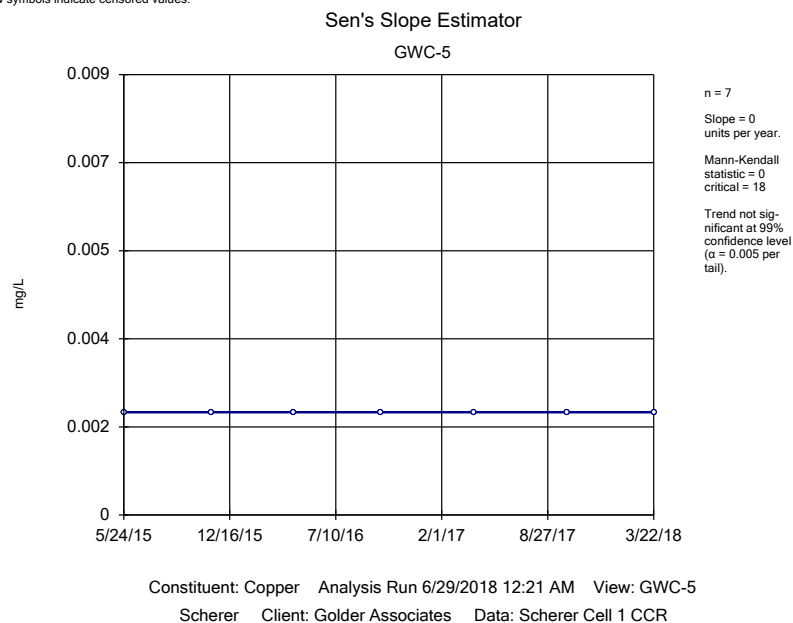
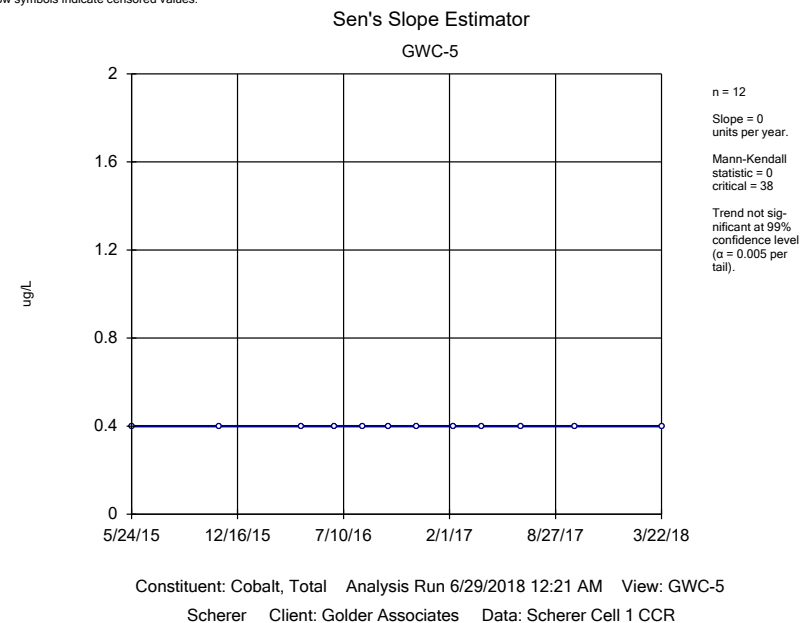
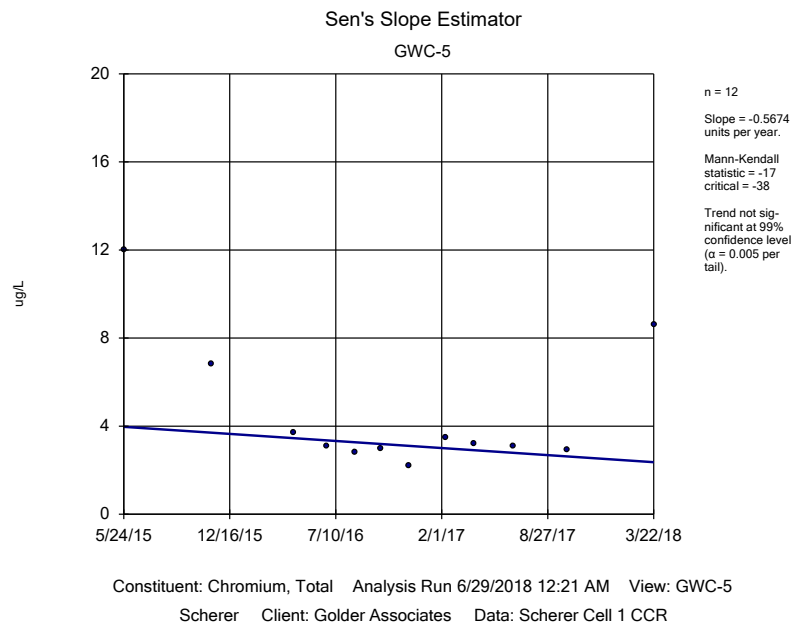
Constituent: Cadmium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

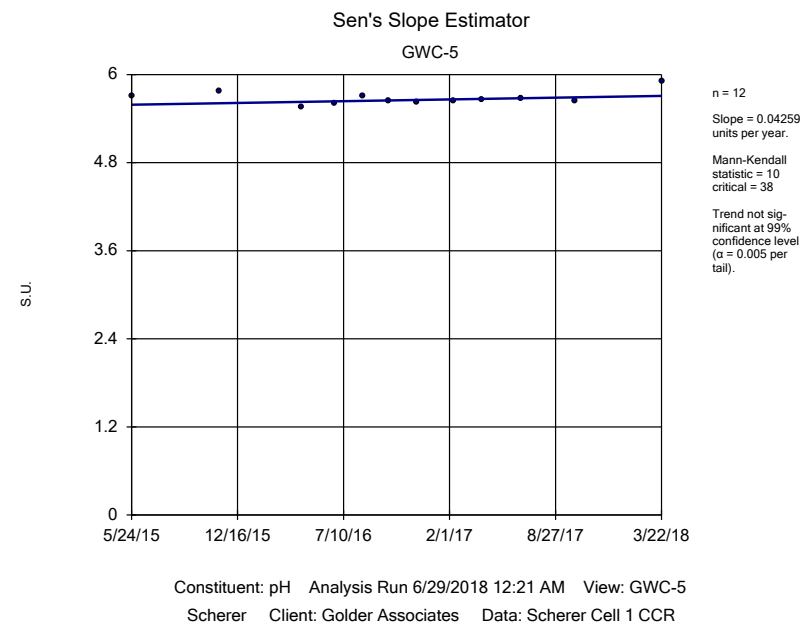
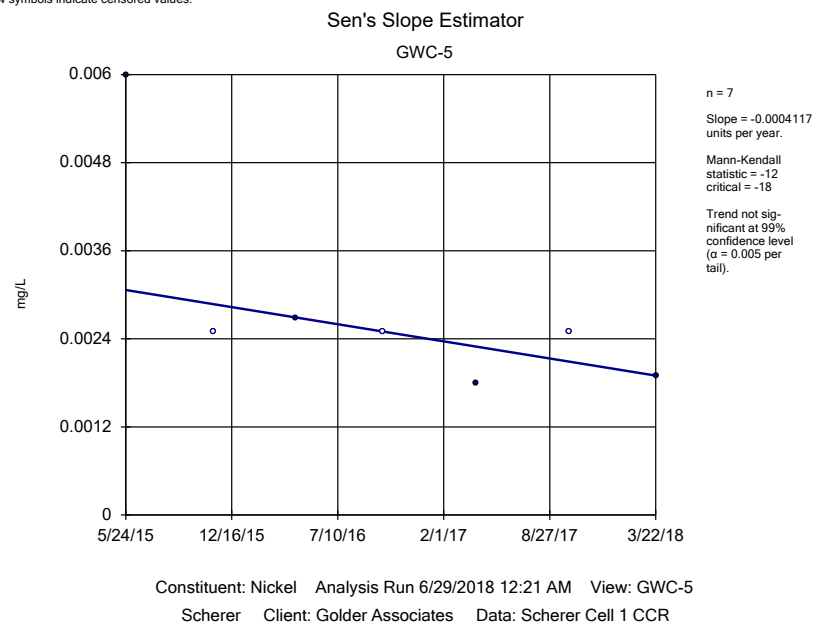
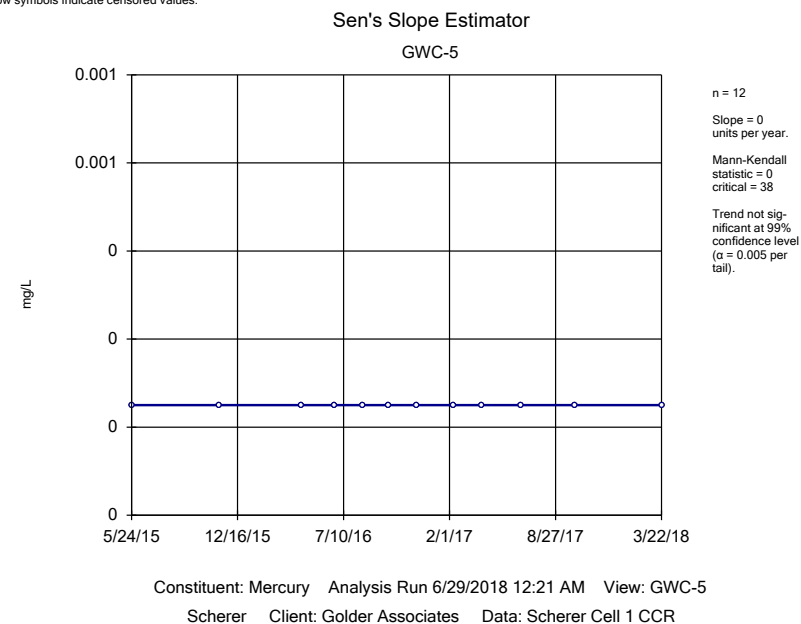
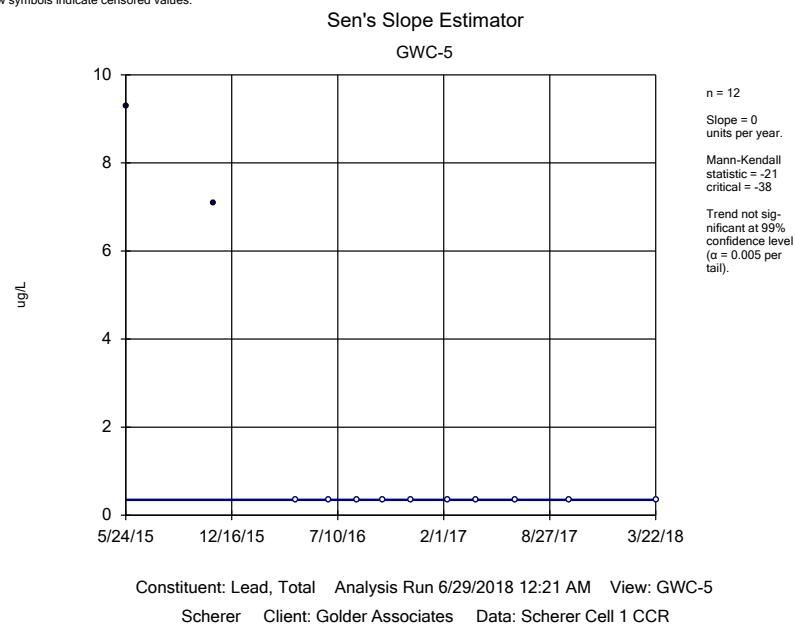


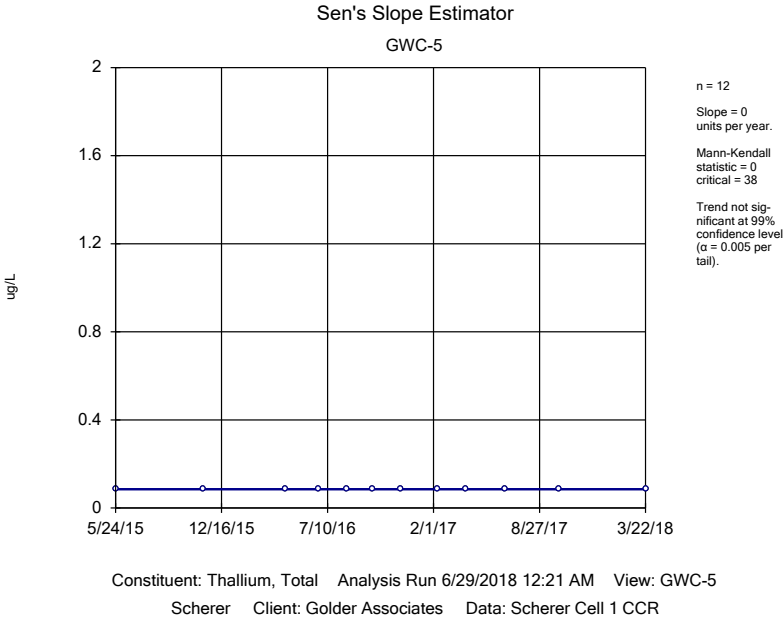
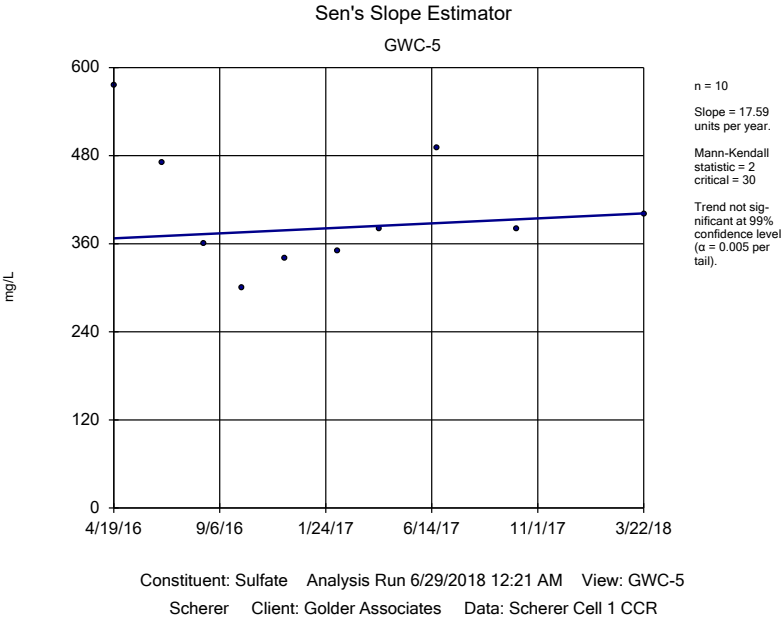
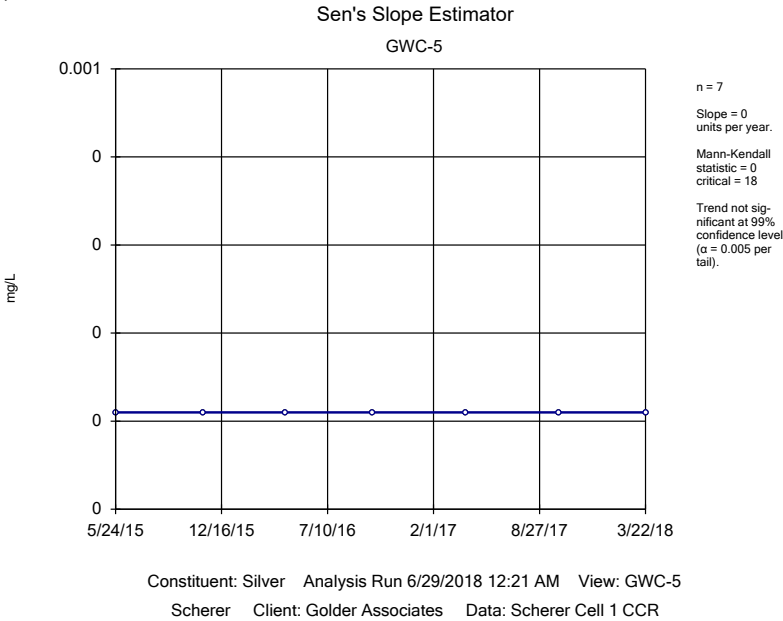
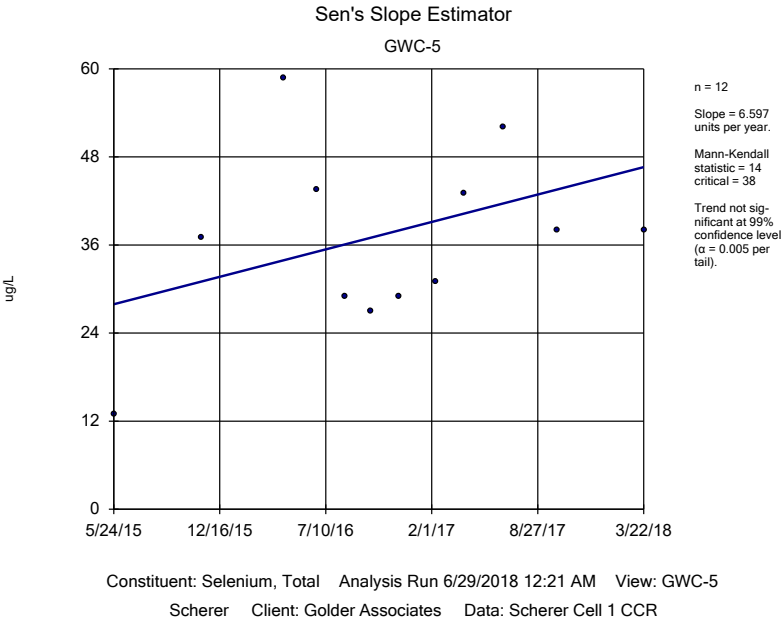
Constituent: Calcium Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

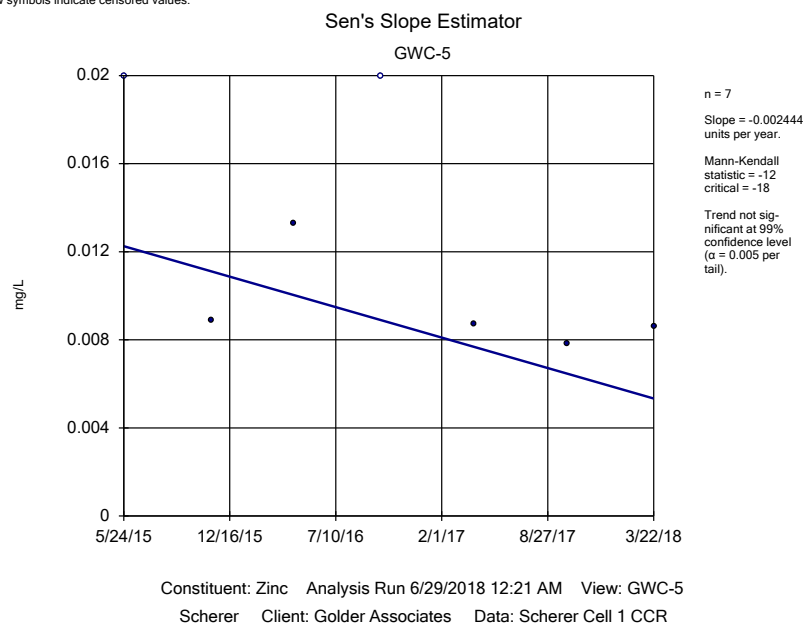
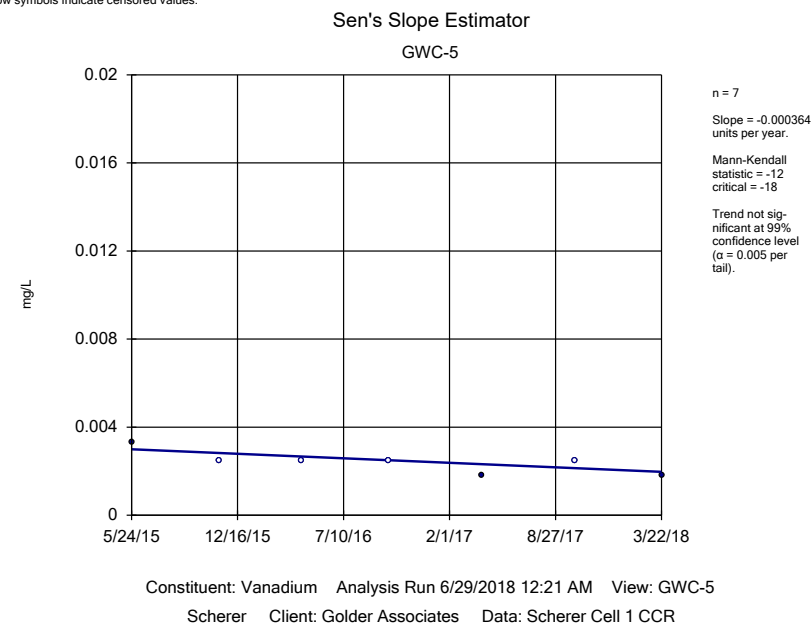
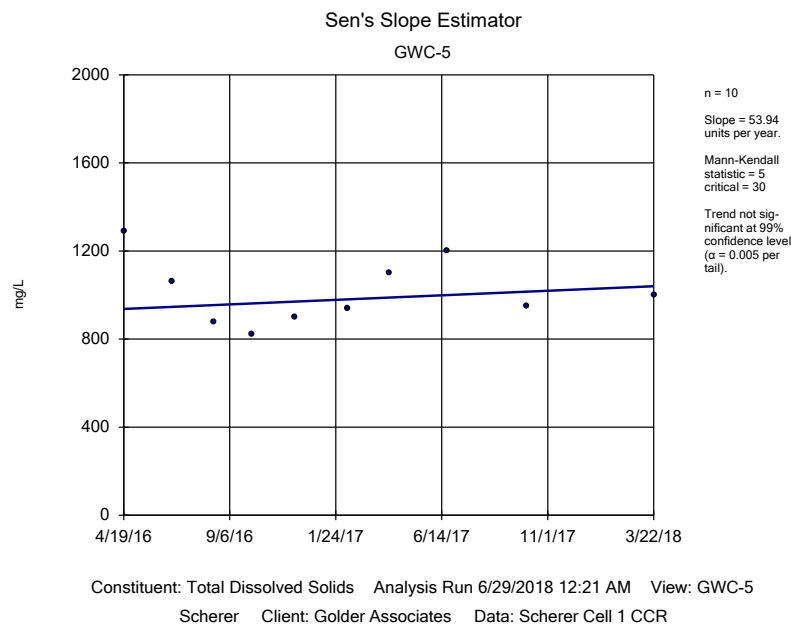


Constituent: Chloride Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR









Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-21	0.001	n/a	3/26/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-22	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-45	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-46	0.001	n/a	3/23/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-47	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-48	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-49	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-29	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-50	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-51	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-52	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-53	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-21	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-22	0.00046	n/a	3/26/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-45	0.00046	n/a	3/22/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-46	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.00046	n/a	3/22/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.00053	n/a	3/22/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.00052	n/a	3/23/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-51	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	3/26/2018	0.00046ND	No	19	94.74	n/a	0.004832	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.03102	n/a	3/26/2018	0.026	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.03251	n/a	3/26/2018	0.022	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.06131	n/a	3/22/2018	0.0495	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02254	n/a	3/23/2018	0.02	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.088	n/a	3/22/2018	0.024	No	21	0	n/a	0.003999	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-48	0.031	n/a	3/23/2018	0.012	No	19	0	n/a	0.004832	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-49	0.02333	n/a	3/22/2018	0.018	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01891	n/a	3/26/2018	0.015	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.01518	n/a	3/23/2018	0.011	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-51	0.0129	n/a	3/26/2018	0.0094	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01498	n/a	3/26/2018	0.013	No	20	0	x^2	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.1344	n/a	3/26/2018	0.05	No	21	9.524	No	0.000458	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-47	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-21	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-45	1.032	n/a	3/22/2018	0.66	No	8	0	No	0.000458	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.021	n/a	3/22/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.12	n/a	3/26/2018	0.91	No	8	0	No	0.000458	Param Intra 1 of 2
Cadmium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0016	n/a	3/22/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-21	12.64	n/a	3/26/2018	9.3	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.757	n/a	3/26/2018	8.7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	47.03	n/a	3/22/2018	39	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.155	n/a	3/23/2018	6.6	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.37	n/a	3/22/2018	11	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.7	n/a	3/23/2018	13	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	14.2	n/a	3/22/2018	14	No	7	0	n/a	0.02765	NP Intra (normality) ...
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.352	n/a	3/23/2018	7.5	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.174	n/a	3/26/2018	7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Calcium (mg/L)	GWC-53	21.11	n/a	3/26/2018	19	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.12	n/a	3/26/2018	3.8	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	6.389	n/a	3/26/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	11.24	n/a	3/22/2018	9.7	No	8	0	x^2	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.813	n/a	3/22/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	2.008	n/a	3/23/2018	1.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.536	n/a	3/22/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.329	n/a	3/26/2018	3.1	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.225	n/a	3/23/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.154	n/a	3/26/2018	6.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.927	n/a	3/26/2018	7.8	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-21	0.01153	n/a	3/26/2018	0.0011	No	21	19.05	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01316	n/a	3/26/2018	0.0088	No	20	5	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-45	0.0042	n/a	3/22/2018	0.0011ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-46	0.01059	n/a	3/23/2018	0.0045	No	21	4.762	ln(x)	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chromium, Total (mg/L)	GWA-47	0.07483	n/a	3/22/2018	0.0074	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-48	0.02881	n/a	3/23/2018	0.005	No	21	9.524	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-49	0.01171	n/a	3/22/2018	0.0051	No	21	4.762	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.01	n/a	3/26/2018	0.0013	No	20	45	n/a	0.004291	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-50	0.0119	n/a	3/23/2018	0.0042	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.01	n/a	3/26/2018	0.0028	No	21	14.29	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-52	0.01536	n/a	3/26/2018	0.012	No	21	4.762	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.01	n/a	3/26/2018	0.0014	No	20	40	n/a	0.004291	NP Intra (normality) ...
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	3/26/2018	0.00088	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0038	n/a	3/26/2018	0.0004ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01974	n/a	3/22/2018	0.0015	No	20	30	ln(x)	0.000458	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0004	n/a	3/23/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0048	n/a	3/22/2018	0.0004ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0039	n/a	3/23/2018	0.0004ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0004	n/a	3/22/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0004	n/a	3/23/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-52	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01731	n/a	3/26/2018	0.0069	No	21	9.524	No	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.078	n/a	3/26/2018	0.0021ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	3/22/2018	0.0021ND	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.06808	n/a	3/22/2018	0.0021ND	No	16	12.5	sqrt(x)	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-48	0.013	n/a	3/23/2018	0.0021ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Copper, Total (mg/L)	GWA-49	0.0021	n/a	3/22/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-29	0.0031	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.0031	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-52	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-53	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.082	n/a	3/22/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	3/23/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	3/22/2018	0.00035ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-46	0.0037	n/a	3/23/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	3/22/2018	0.00096	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	3/23/2018	0.00035ND	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-49	0.0062	n/a	3/22/2018	0.00035ND	No	21	57.14	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	3/23/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	3/26/2018	0.0034	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.0026	n/a	3/26/2018	0.00035ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.000081	n/a	3/22/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.000084	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	3/23/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-51	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.000082	n/a	3/26/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-53	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.003	n/a	3/26/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.0035	n/a	3/23/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	3/22/2018	0.0018ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Nickel, Total (mg/L)	GWA-48	0.0225	n/a	3/23/2018	0.0018ND	No	16	43.75	ln(x)	0.000458	Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-49	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	3/26/2018	0.0037	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	3/23/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	3/26/2018	0.0021	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-52	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008659	n/a	3/26/2018	0.0075	No	15	6.667	No	0.000458	Param Intra 1 of 2
pH (S.U.)	GWA-21	6.009	5.575	3/26/2018	5.76	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.351	5.483	3/26/2018	6.06	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.595	5.613	3/22/2018	6.2	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	3/23/2018	5.89	No	10	0	n/a	0.02952	NP Intra (normality) ...
pH (S.U.)	GWA-47	6.595	6.252	3/22/2018	6.46	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-48	7.013	6.451	3/23/2018	6.92	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.135	6.527	3/22/2018	7	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-29	5.925	5.673	3/26/2018	5.91	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-50	6.006	5.643	3/23/2018	5.98	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-51	8.36	5.76	3/26/2018	5.98	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-52	7.63	6.53	3/26/2018	6.77	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-53	7.725	5.48	3/26/2018	5.78	No	11	0	n/a	0.02553	NP Intra (normality) ...
Selenium, Total (mg/L)	GWA-21	0.0072	n/a	3/26/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.0093	n/a	3/22/2018	0.00024ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-46	0.00024	n/a	3/23/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.0064	n/a	3/22/2018	0.00024ND	No	20	90	n/a	0.004291	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.0077	n/a	3/23/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.0041	n/a	3/22/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.0044	n/a	3/26/2018	0.00024ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Selenium, Total (mg/L)	GWC-50	0.0042	n/a	3/23/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-51	0.00024	n/a	3/26/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.0067	n/a	3/26/2018	0.00024ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.0025	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-21	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-22	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-45	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-47	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-48	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-49	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-29	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-50	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-51	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-52	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-53	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	0.7	n/a	3/26/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	192.8	n/a	3/22/2018	150	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	0.7	n/a	3/23/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	0.7	n/a	3/22/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.756	n/a	3/23/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	0.7	n/a	3/22/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	2.954	n/a	3/26/2018	2.4	No	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	0.7	n/a	3/23/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	0.7	n/a	3/26/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	178.5	n/a	3/26/2018	160	No	8	0	No	0.000458	Param Intra 1 of 2
Thallium, Total (mg/L)	GWA-21	0.00048	n/a	3/26/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.00086	n/a	3/26/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.00032	n/a	3/22/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-46	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-47	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-49	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-29	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.00028	n/a	3/23/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-52	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-53	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	117.2	n/a	3/26/2018	94	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	131.8	n/a	3/26/2018	56	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	319.8	n/a	3/22/2018	310	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	96.35	n/a	3/23/2018	52	No	8	12.5	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	125.9	n/a	3/22/2018	92	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	133.1	n/a	3/23/2018	86	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	125.1	n/a	3/22/2018	100	No	7	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	132.7	n/a	3/26/2018	58	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	123.7	n/a	3/23/2018	96	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	96.73	n/a	3/26/2018	72	No	7	0	No	0.000458	Param Intra 1 of 2

Prediction Limit

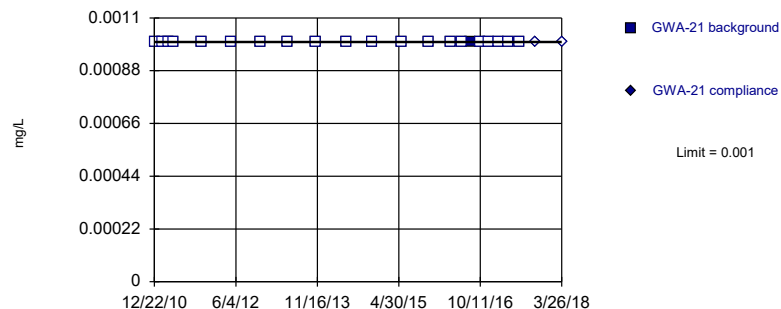
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Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWC-52	149.8	n/a	3/26/2018	98	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	293.1	n/a	3/26/2018	240	No	8	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0014	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	3/26/2018	0.0029	No	16	68.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0062	n/a	3/22/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.02	n/a	3/23/2018	0.0032	No	16	12.5	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWA-47	0.04287	n/a	3/22/2018	0.0068	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02471	n/a	3/23/2018	0.016	No	15	6.667	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02405	n/a	3/22/2018	0.018	No	16	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.009002	n/a	3/26/2018	0.0037	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.0044	n/a	3/23/2018	0.0023	No	16	43.75	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWC-51	0.006918	n/a	3/26/2018	0.004	No	16	25	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-52	0.01464	n/a	3/26/2018	0.0096	No	14	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0136	n/a	3/26/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.039	n/a	3/26/2018	0.0065ND	No	15	93.33	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.013	n/a	3/23/2018	0.0065ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.014	n/a	3/22/2018	0.0065ND	No	15	86.67	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.0065	n/a	3/23/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0065	n/a	3/23/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.01959	n/a	3/26/2018	0.016	No	15	0	No	0.000458	Param Intra 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

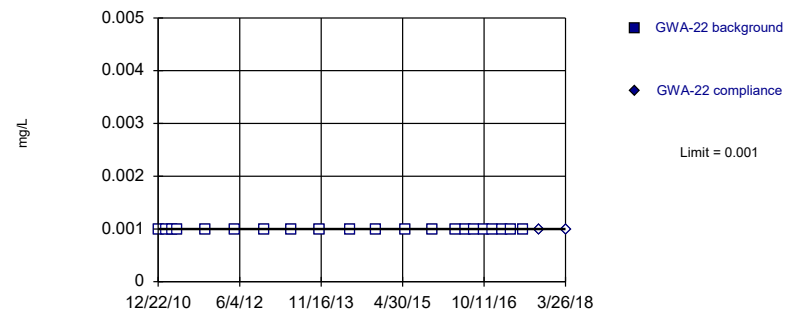


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

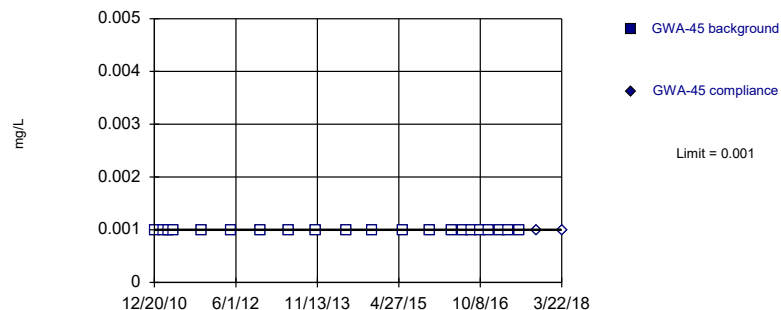


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

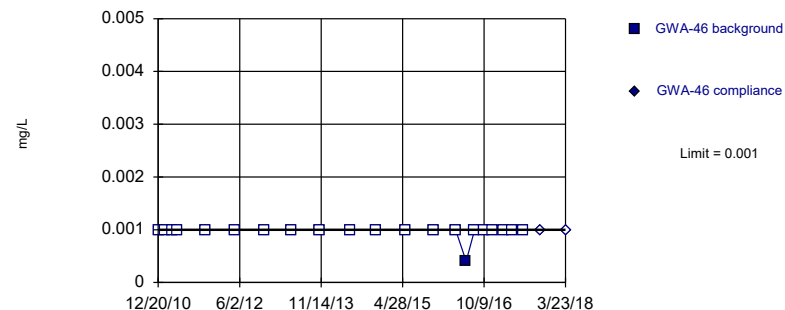


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

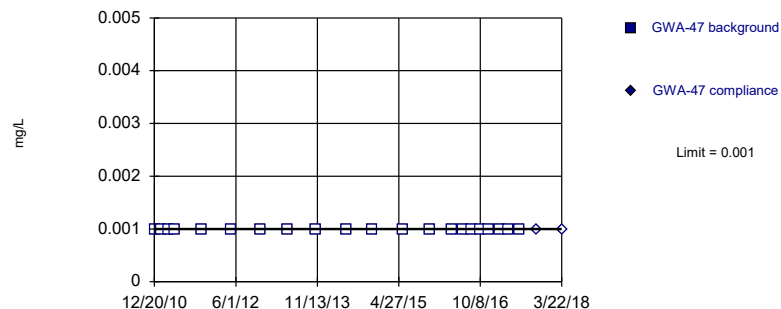


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

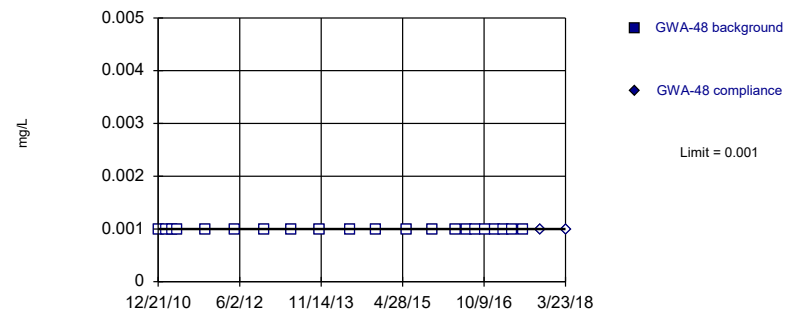


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

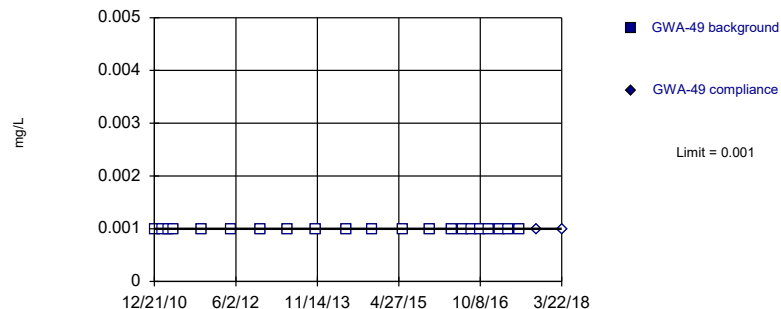


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

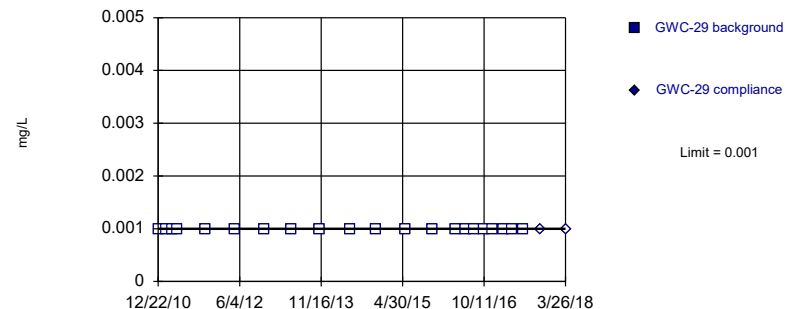


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

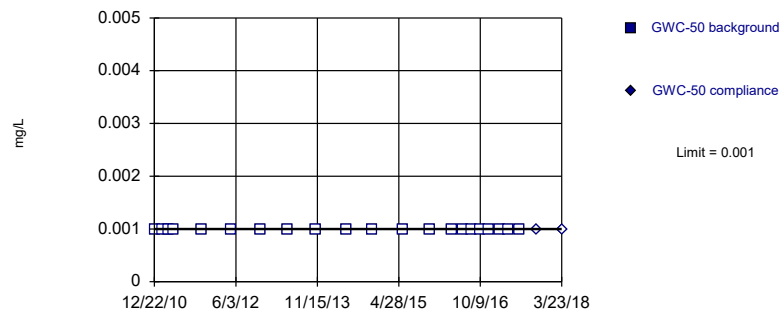


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

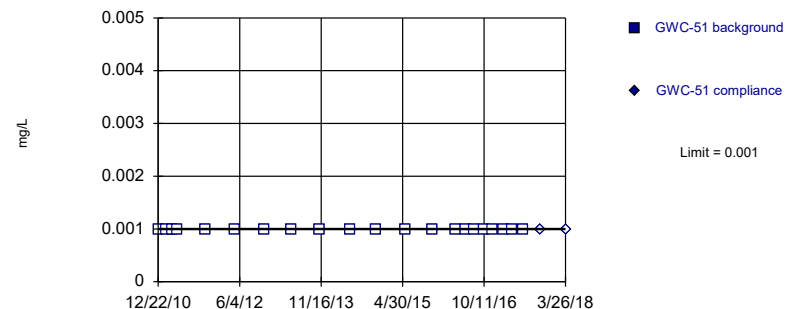


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

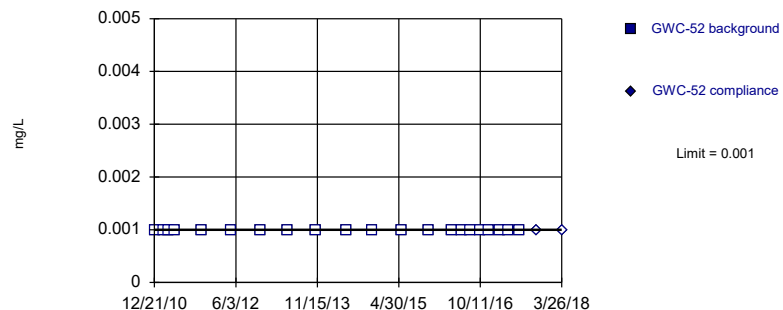


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

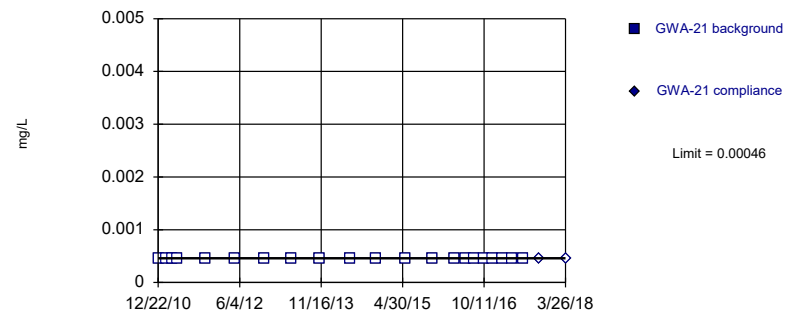


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

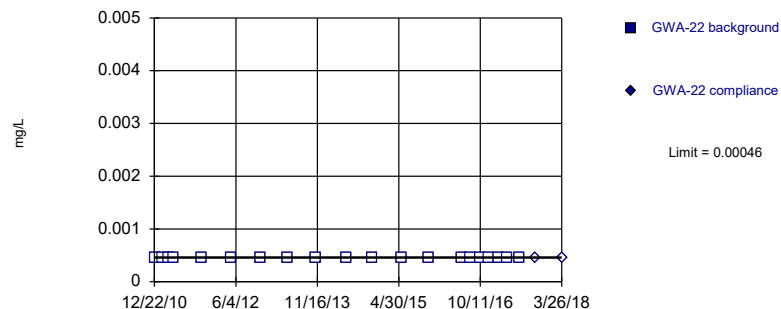


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

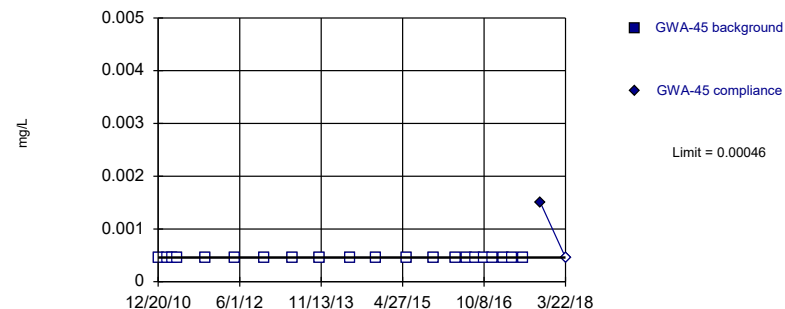


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

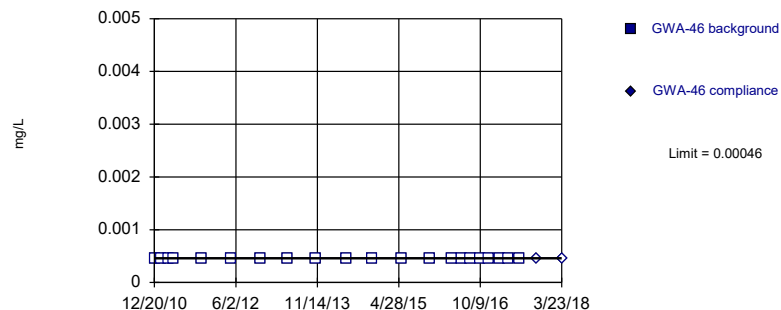


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

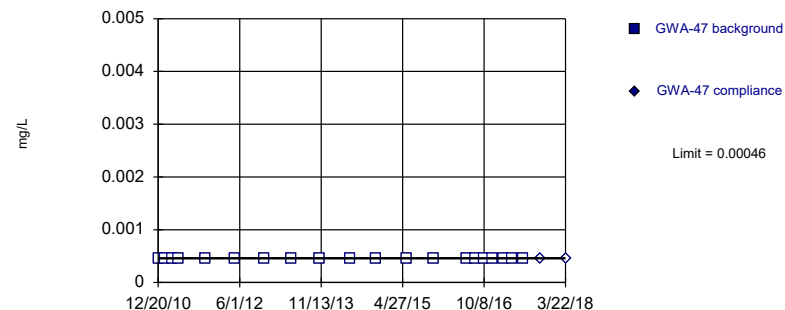


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

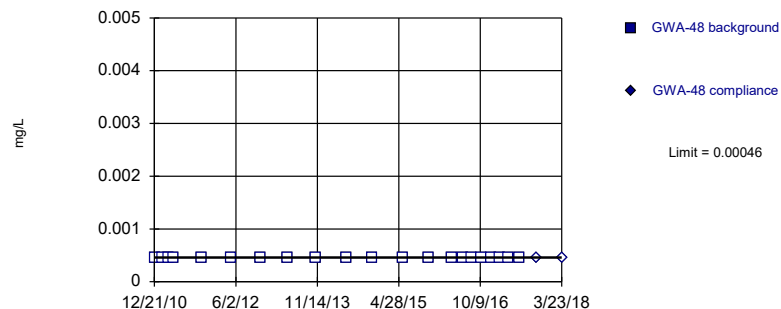


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

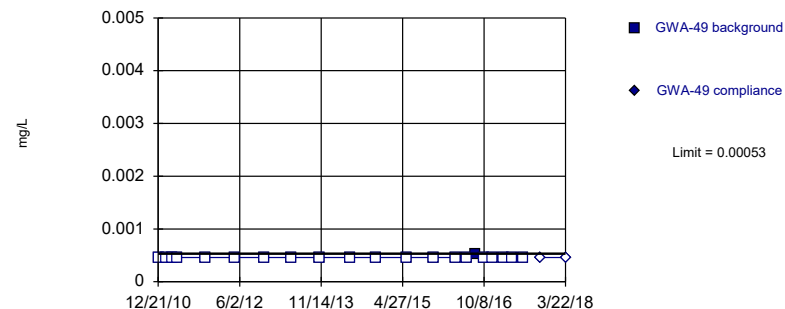


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

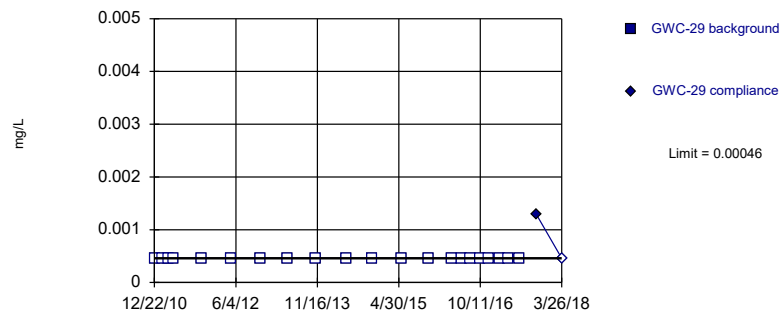


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

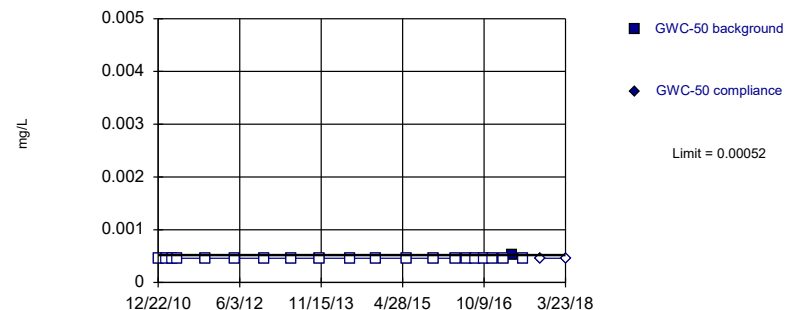


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

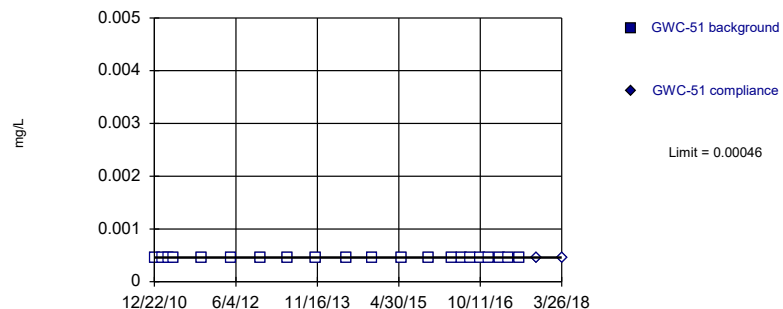


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

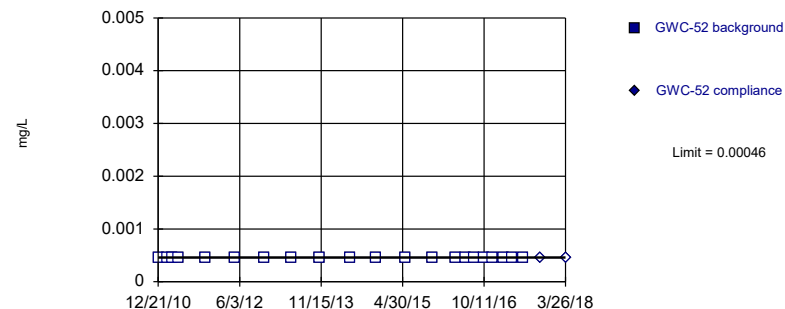


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

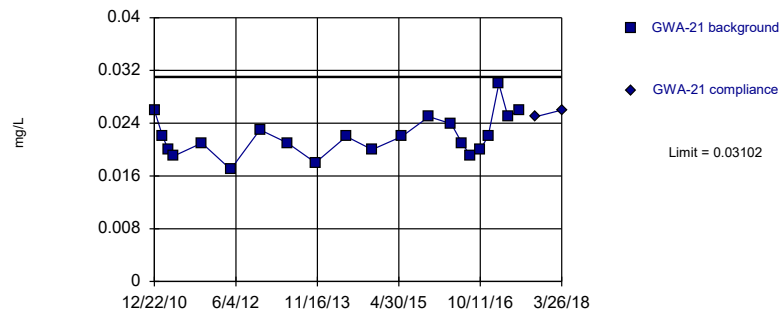


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

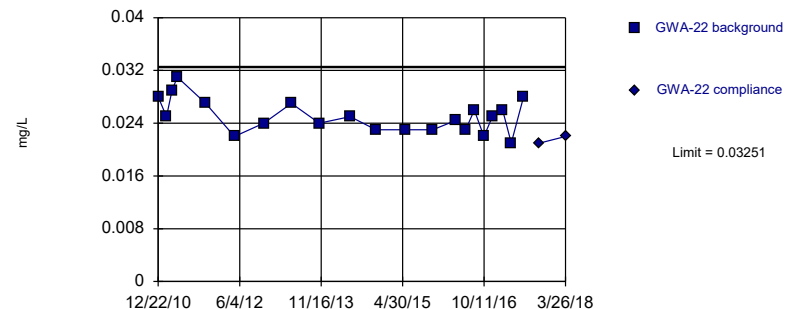


Background Data Summary: Mean=0.02204, Std. Dev.=0.003103, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9549, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



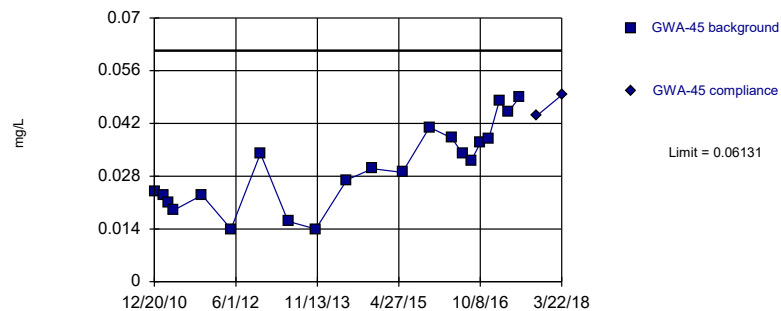
Background Data Summary: Mean=0.02507, Std. Dev.=0.002572, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9637, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



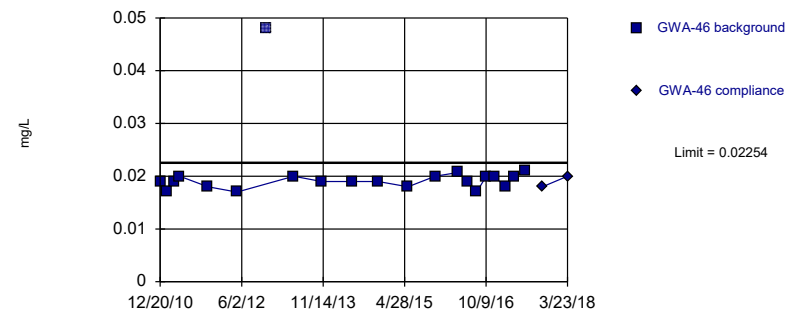
Background Data Summary: Mean=0.03029, Std. Dev.=0.01072, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



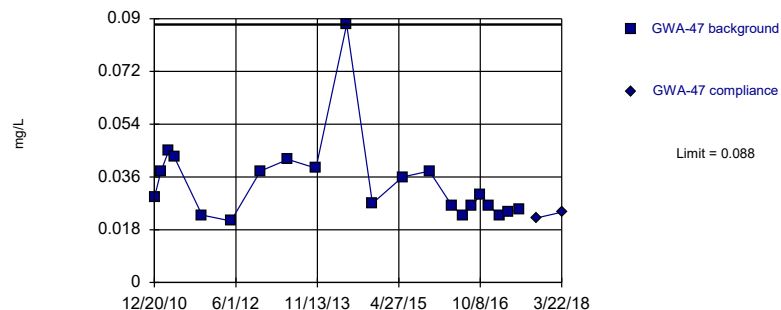
Background Data Summary: Mean=0.01904, Std. Dev.=0.001211, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



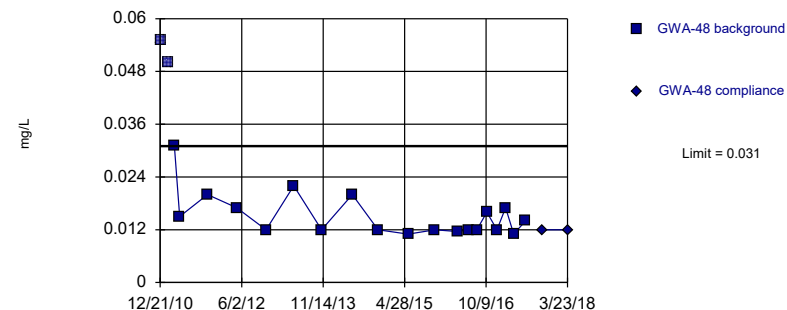
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



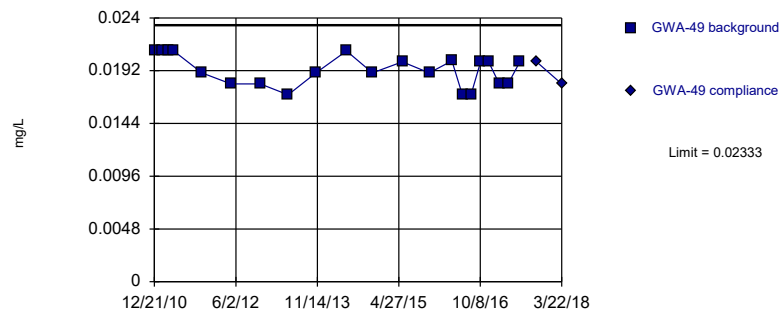
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



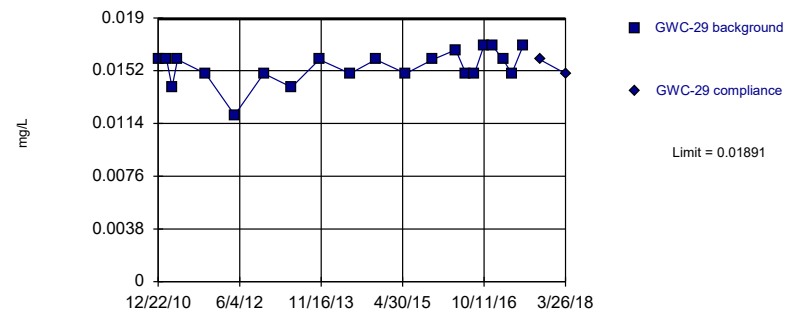
Background Data Summary: Mean=0.01924, Std. Dev.=0.001414, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



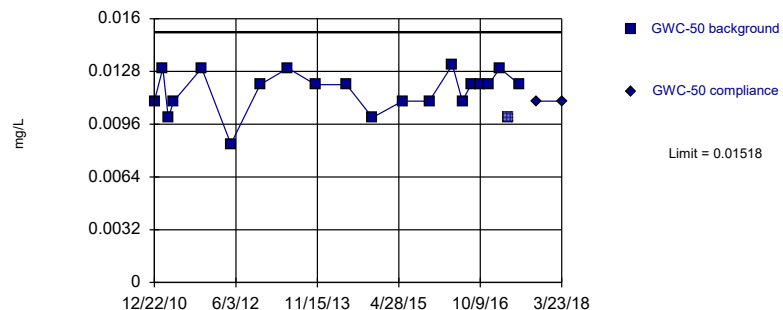
Background Data Summary: Mean=0.01546, Std. Dev.=0.001192, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8775, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01163, Std. Dev.=0.001228, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.868. Kappa overridden to 2.894.

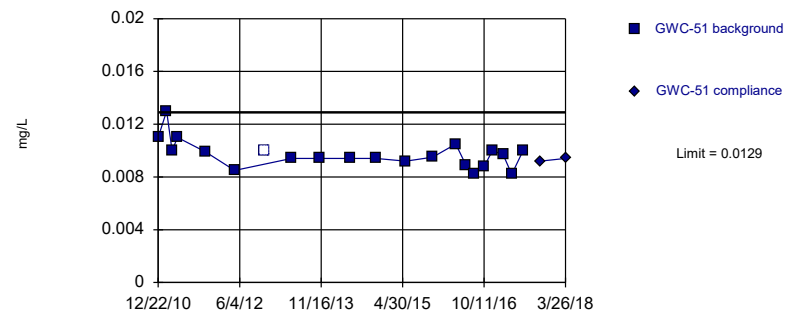
Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

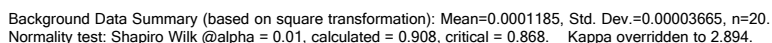
Intrawell Parametric



Background Data Summary: Mean=0.0097, Std. Dev.=0.001106, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8978, critical = 0.868. Kappa overridden to 2.894.

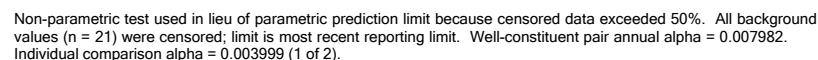
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Intrawell Parametric



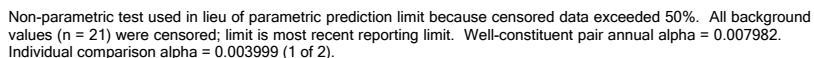
Constituent: Barium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC CCR

Intrawell Non-parametric



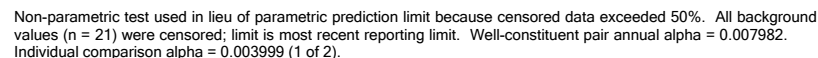
Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC CCR

Intrawell Non-parametric



Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

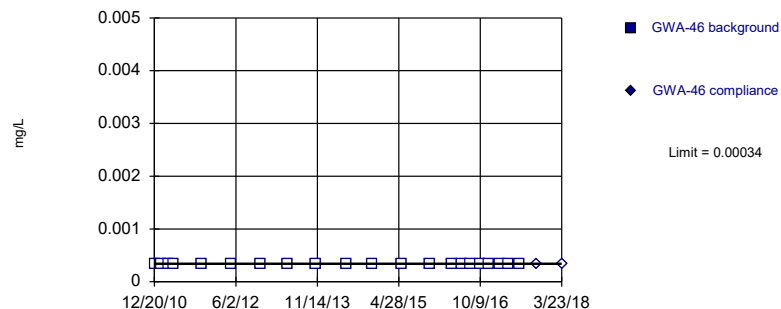
Intrawell Non-parametric



Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC CCR

Within Limit

Prediction Limit Intrawell Non-parametric

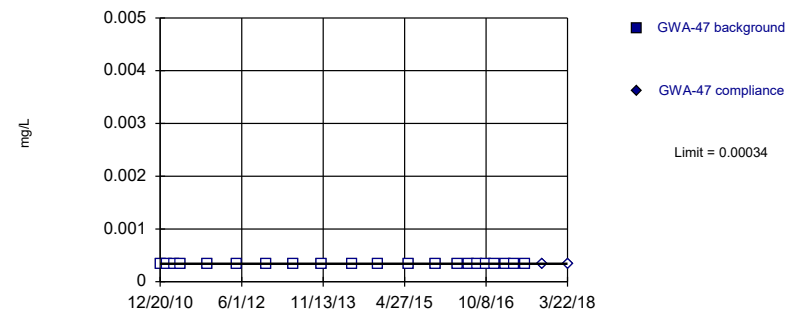


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

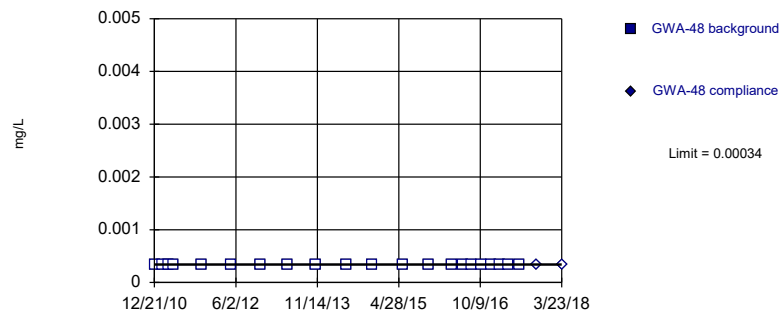


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

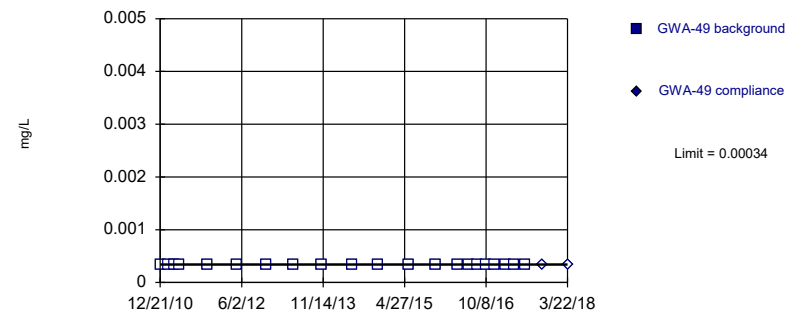


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

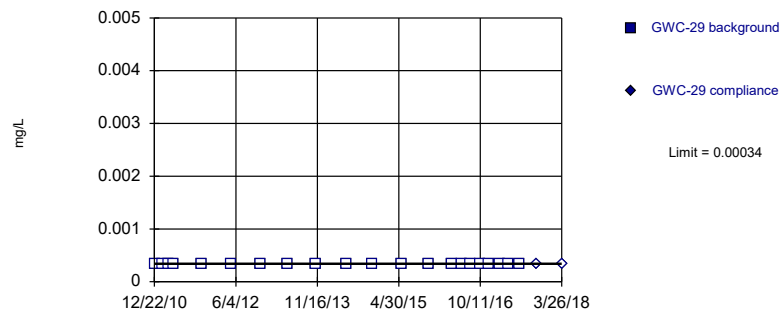


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

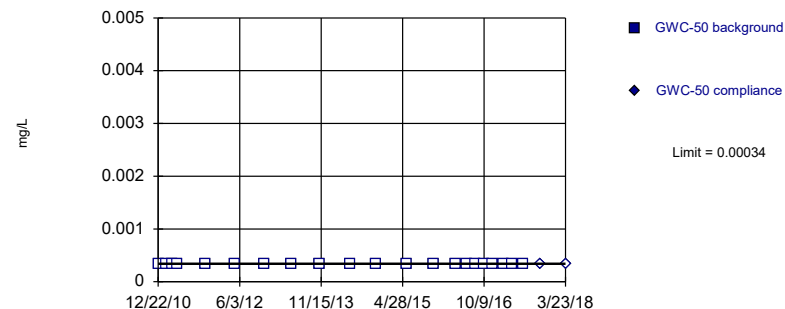


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

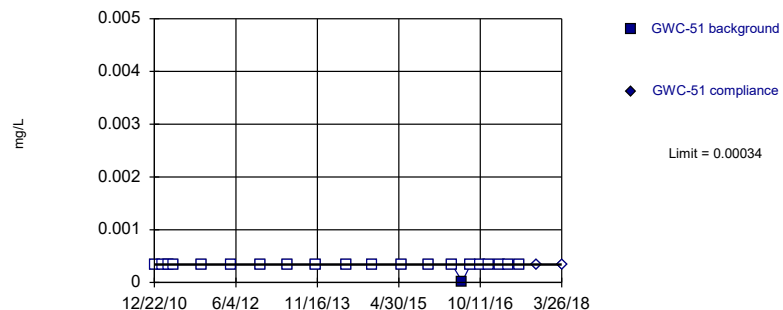


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

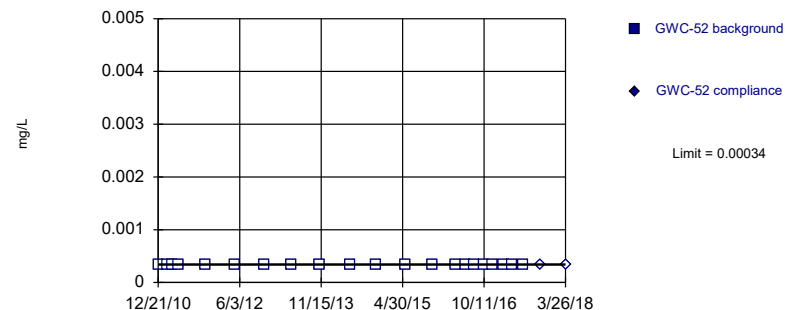


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

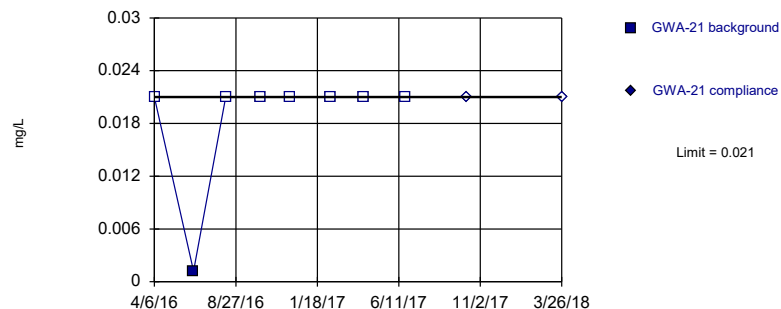


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

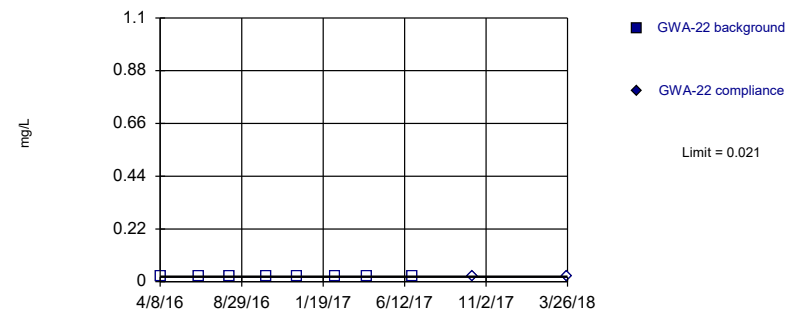


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

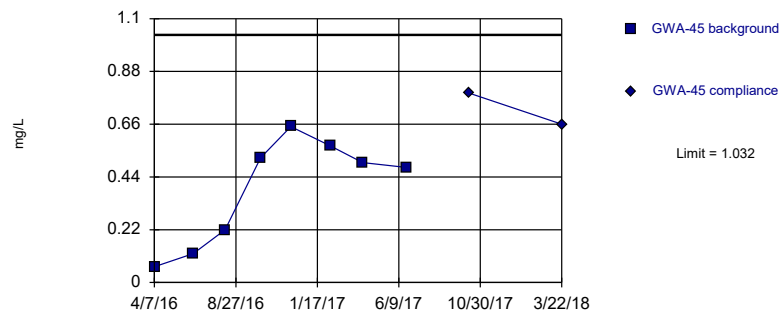


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

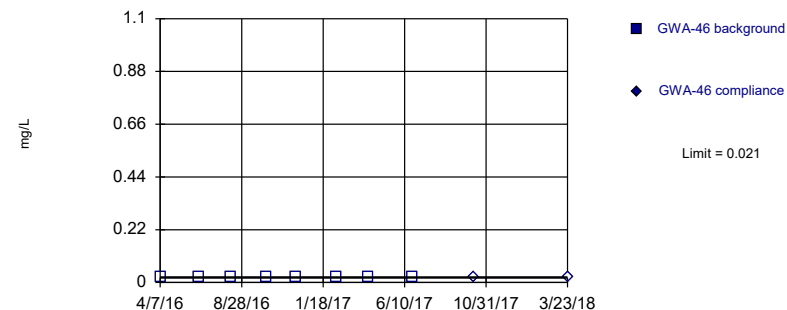


Background Data Summary: Mean=0.3907, Std. Dev.=0.2217, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

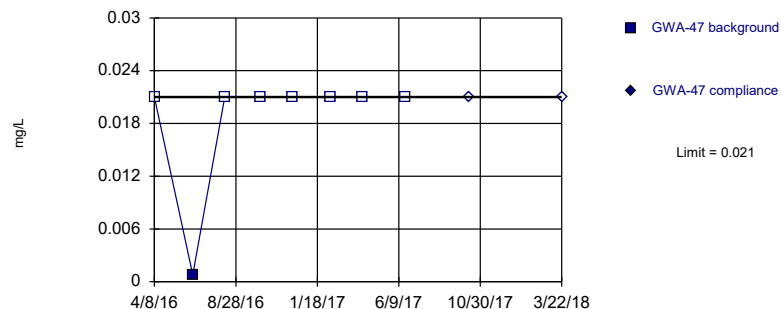


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

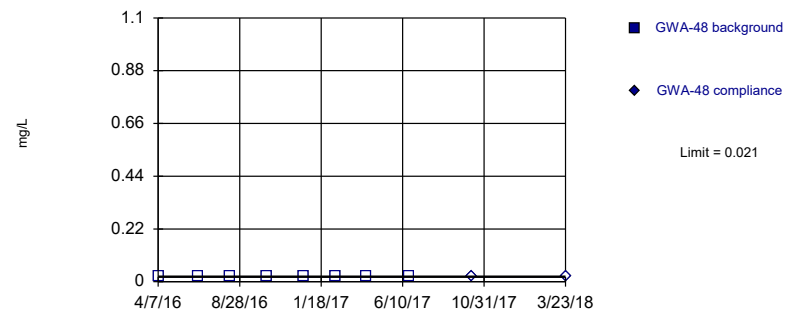


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

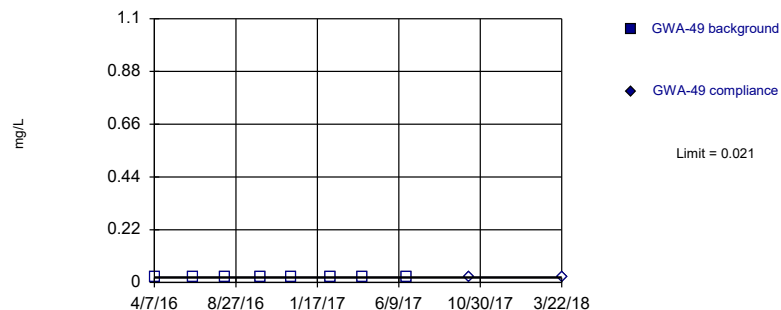


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

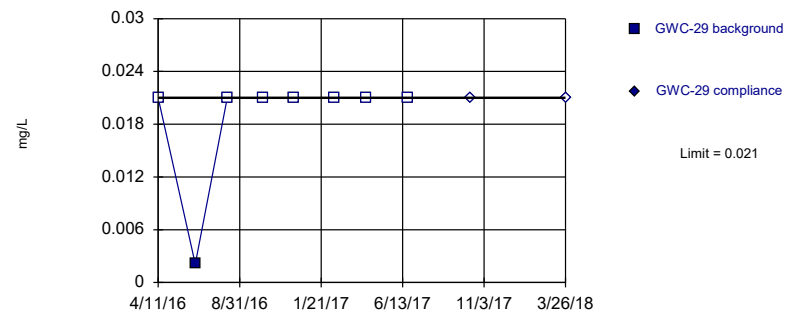


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

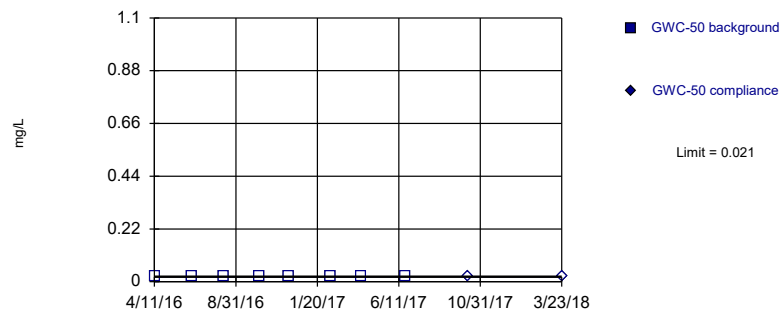


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

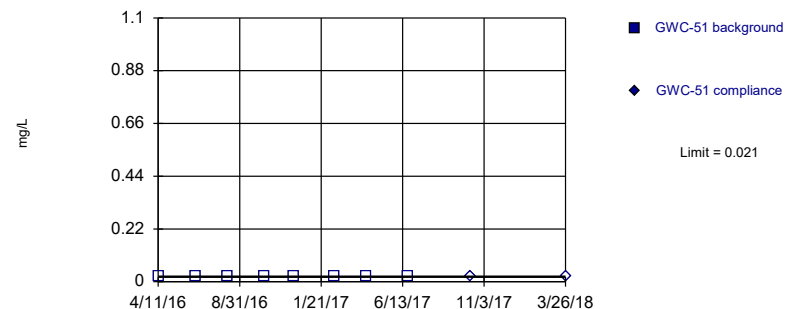


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

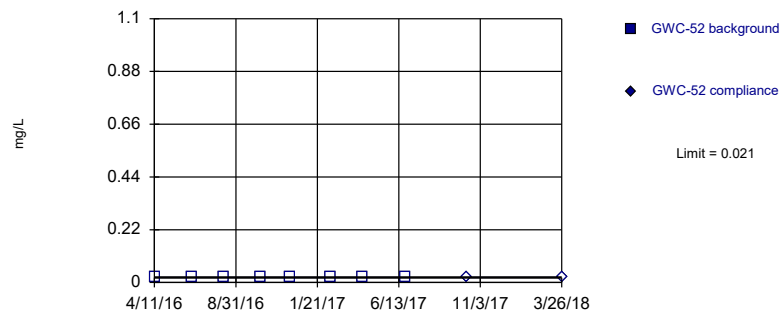


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

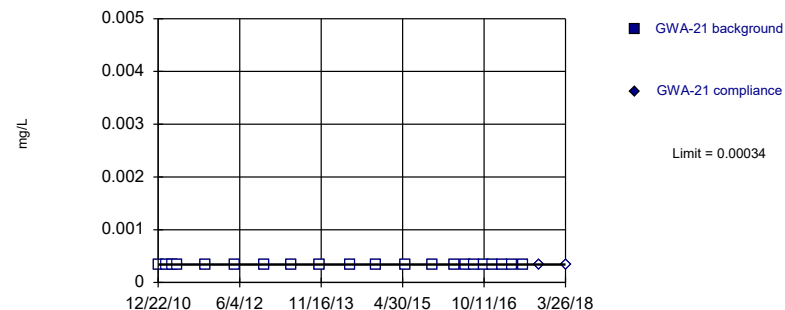


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

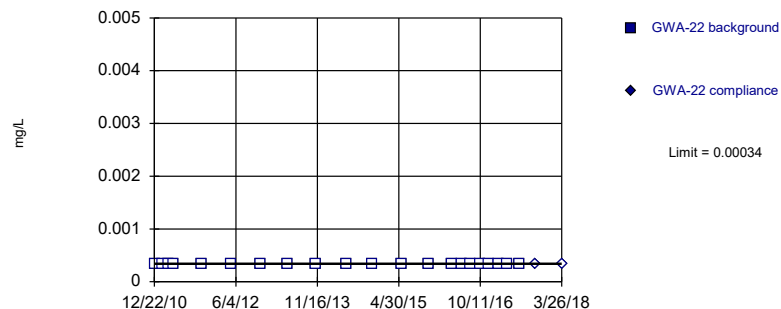


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

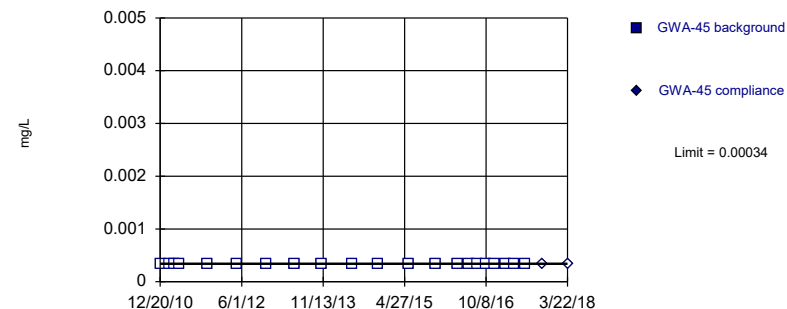


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

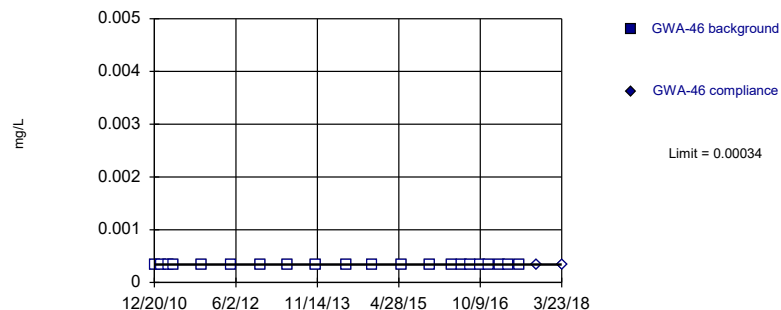


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

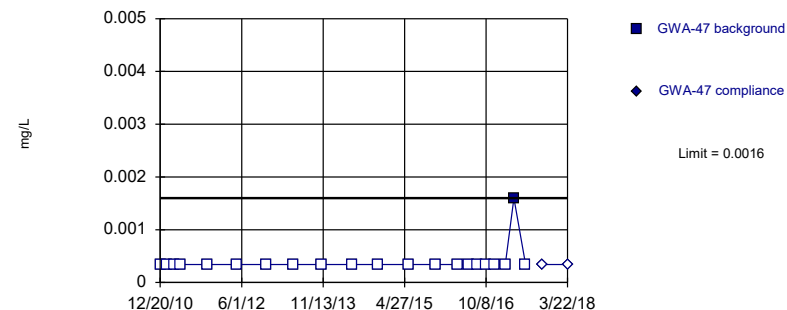


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

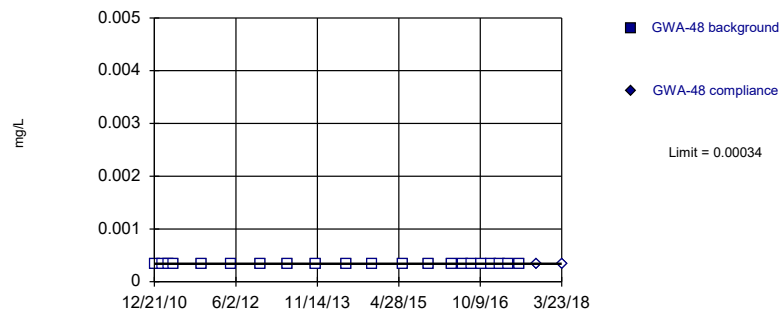


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

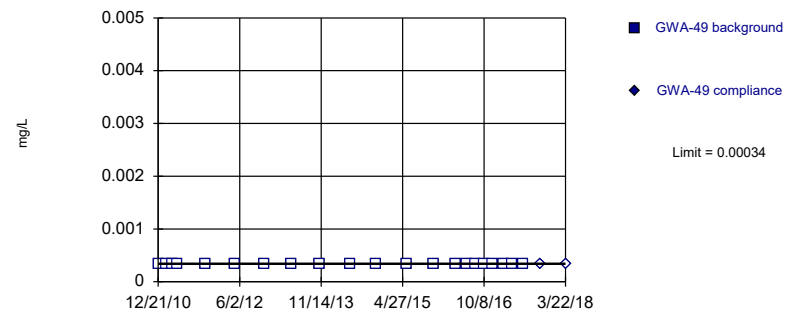


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

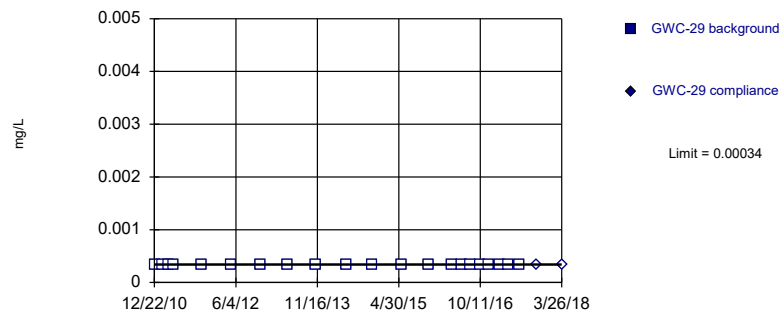


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

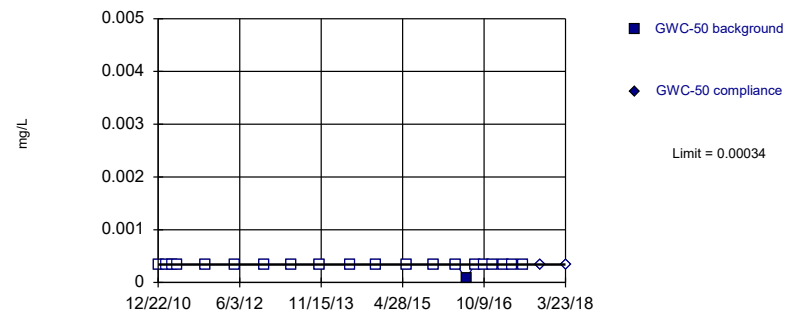


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

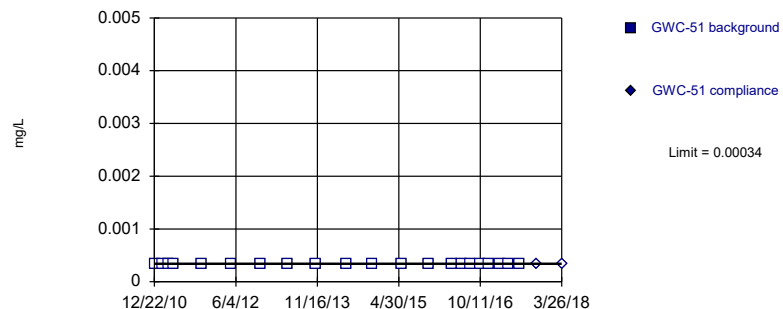


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

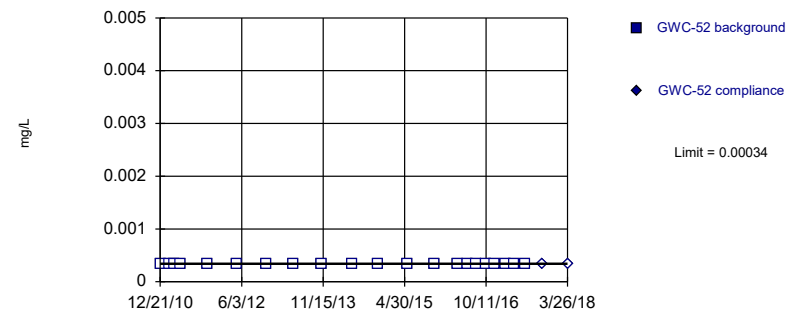


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

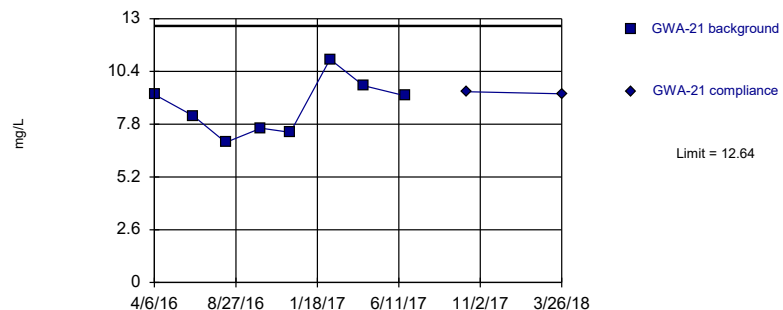


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

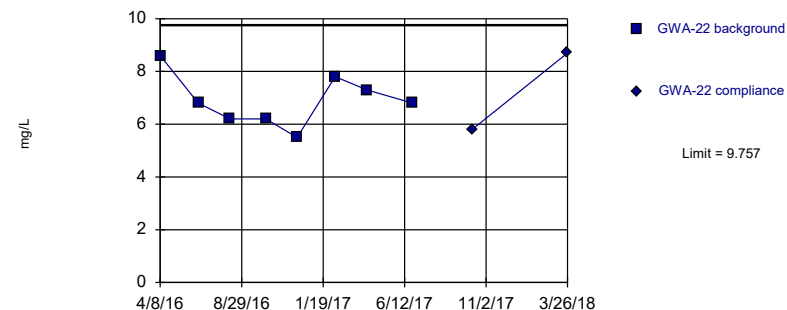


Background Data Summary: Mean=8.659, Std. Dev.=1.375, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



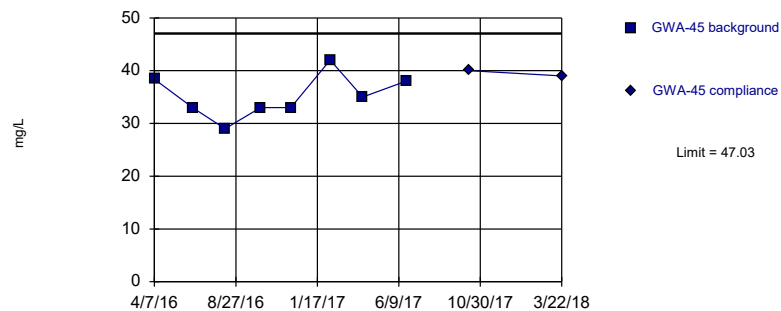
Background Data Summary: Mean=6.9, Std. Dev.=0.9871, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



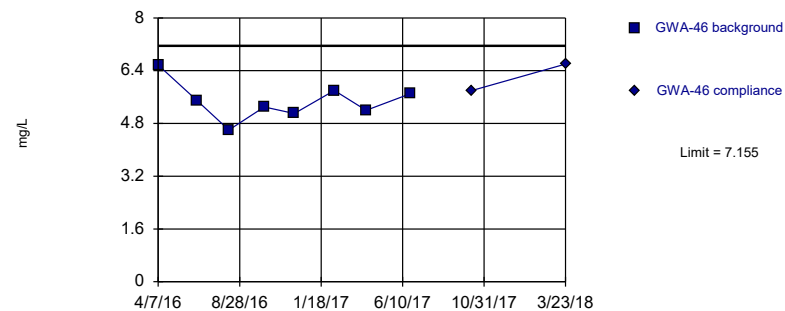
Background Data Summary: Mean=35.16, Std. Dev.=4.102, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



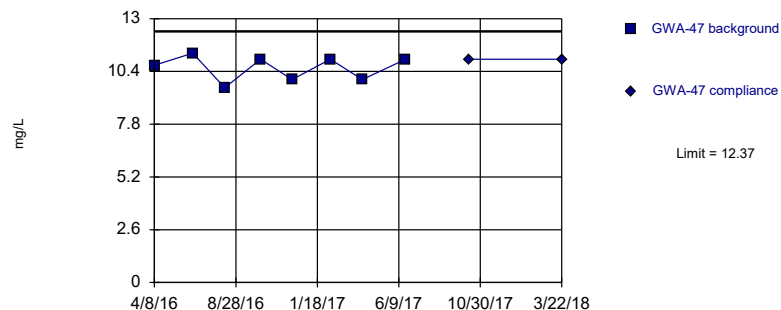
Background Data Summary: Mean=5.471, Std. Dev.=0.5817, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



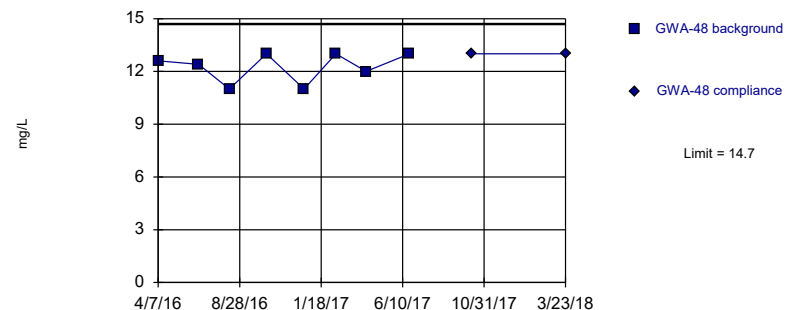
Background Data Summary: Mean=10.58, Std. Dev.=0.6205, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8759, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric

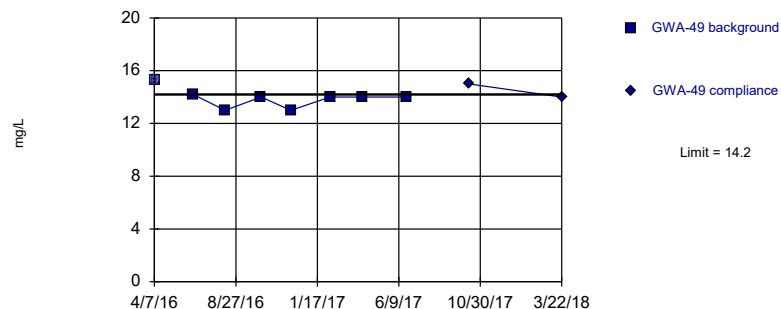


Background Data Summary: Mean=12.25, Std. Dev.=0.8468, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8199, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

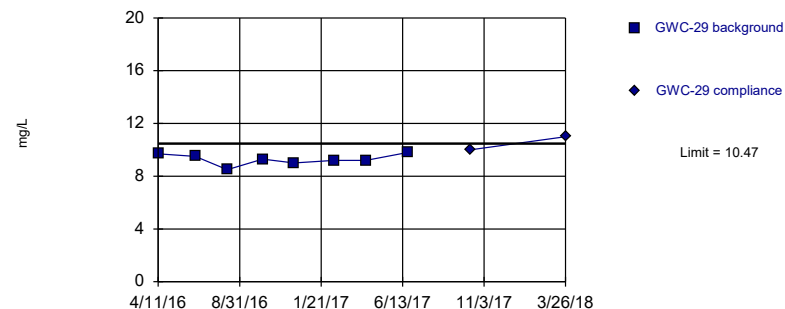


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 7 background values. Well-constituent pair annual alpha = 0.05455. Individual comparison alpha = 0.02765 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

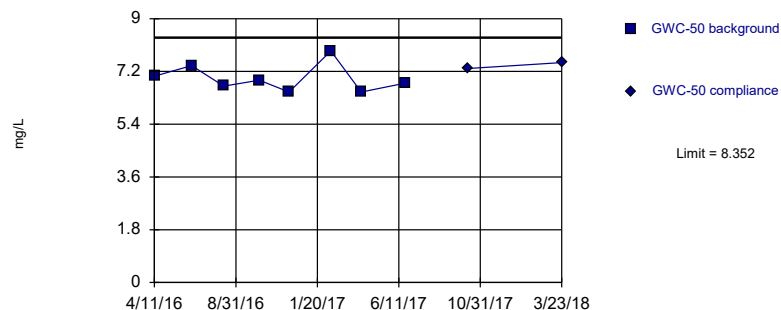


Background Data Summary: Mean=9.275, Std. Dev.=0.4132, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

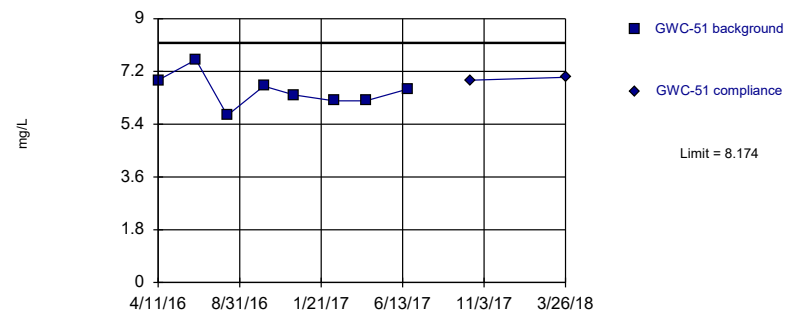


Background Data Summary: Mean=6.968, Std. Dev.=0.4786, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

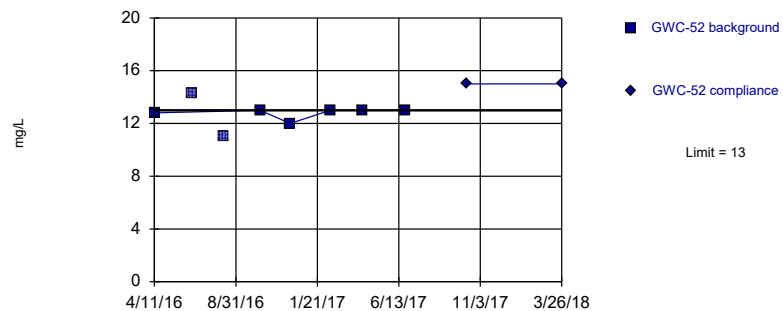


Background Data Summary: Mean=6.538, Std. Dev.=0.5655, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

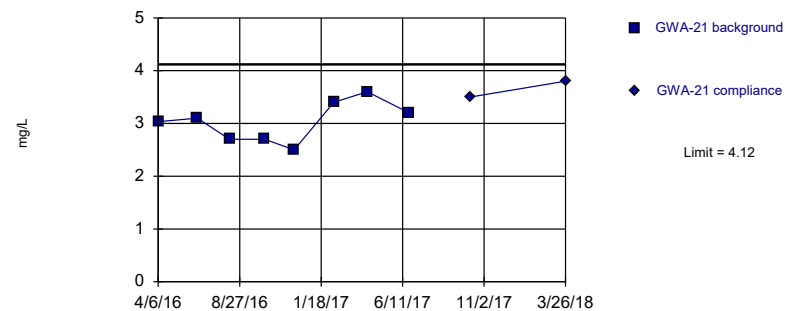


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

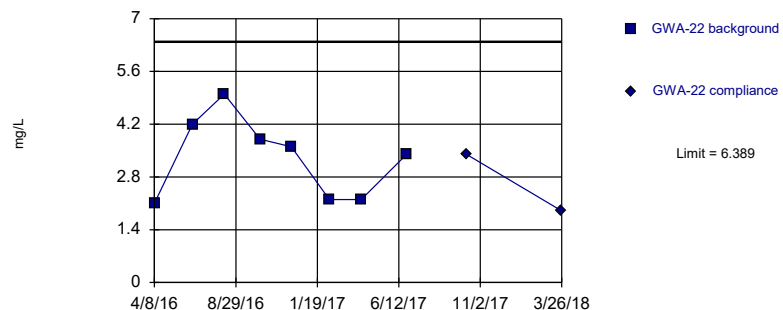


Background Data Summary: Mean=3.029, Std. Dev.=0.3769, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

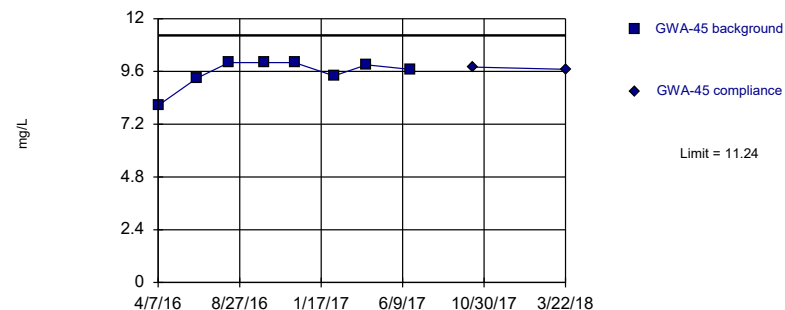


Background Data Summary: Mean=3.313, Std. Dev.=1.063, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



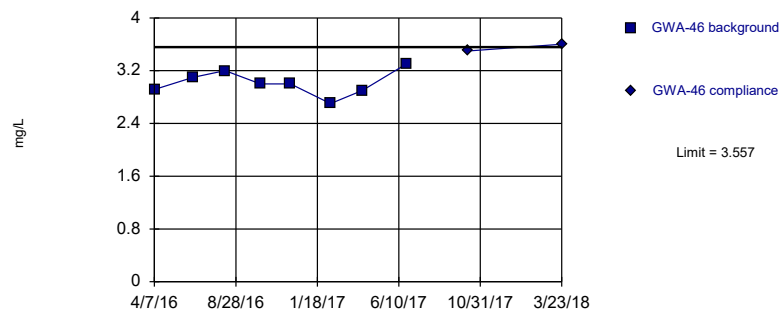
Background Data Summary (based on square transformation): Mean=91.47, Std. Dev.=12.03, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7639, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



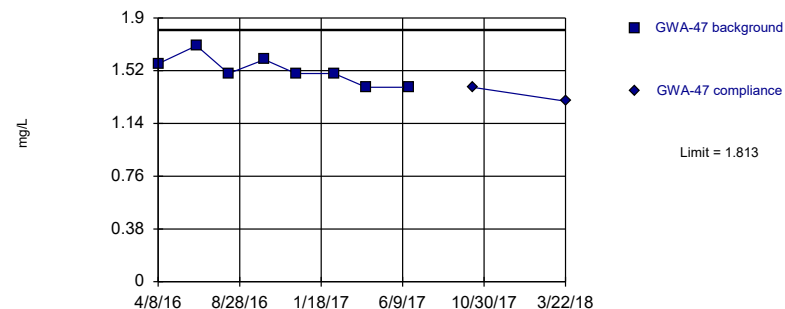
Background Data Summary: Mean=3.014, Std. Dev.=0.1874, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



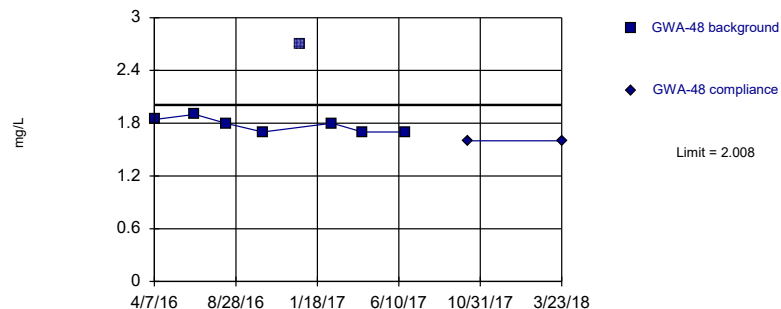
Background Data Summary: Mean=1.521, Std. Dev.=0.1009, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9268, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



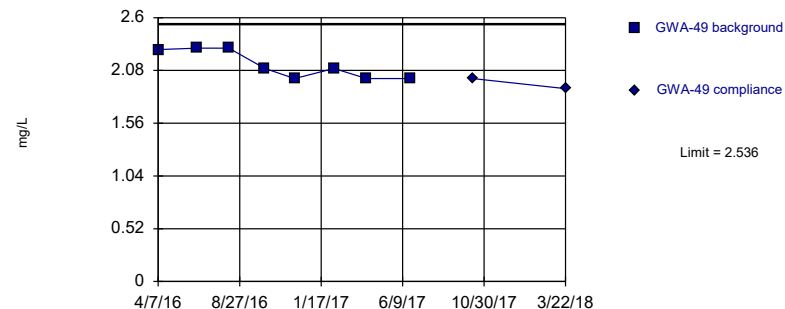
Background Data Summary: Mean=1.777, Std. Dev.=0.07979, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8644, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



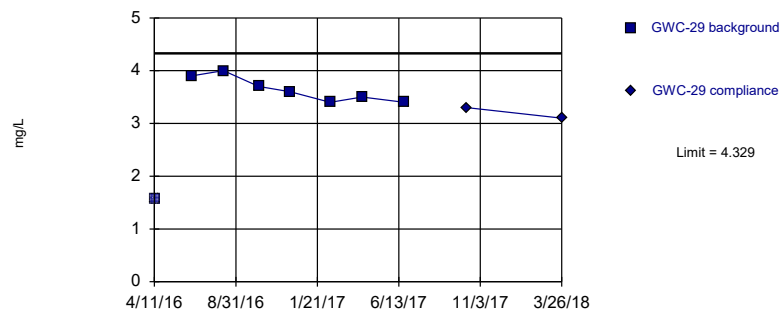
Background Data Summary: Mean=2.136, Std. Dev.=0.1384, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7934, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



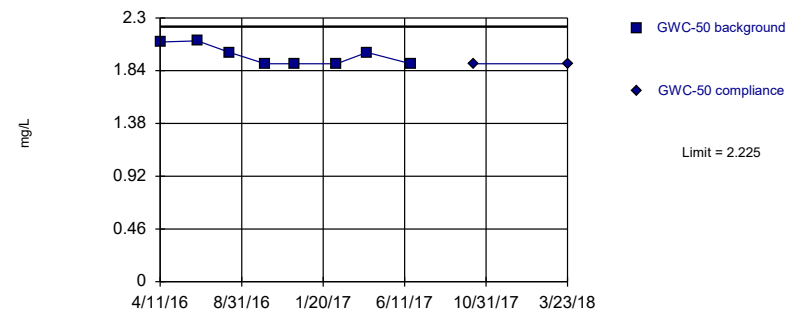
Background Data Summary: Mean=3.643, Std. Dev.=0.237, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9089, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



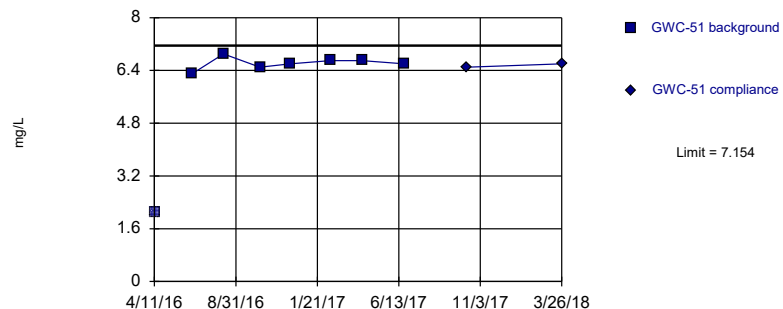
Background Data Summary: Mean=1.974, Std. Dev.=0.08667, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7929, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



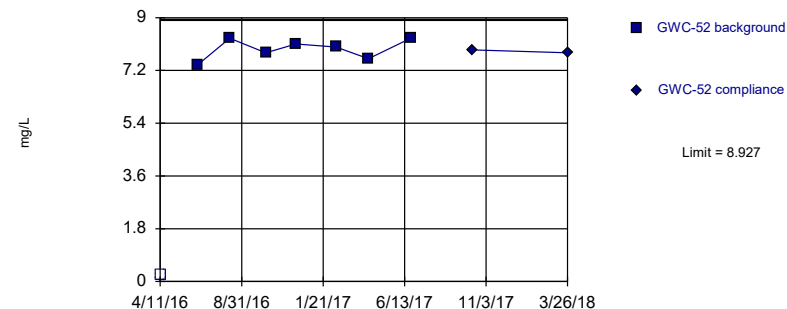
Background Data Summary: Mean=6.614, Std. Dev.=0.1864, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.929, Std. Dev.=0.345, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.73. Kappa overridden to 2.894.

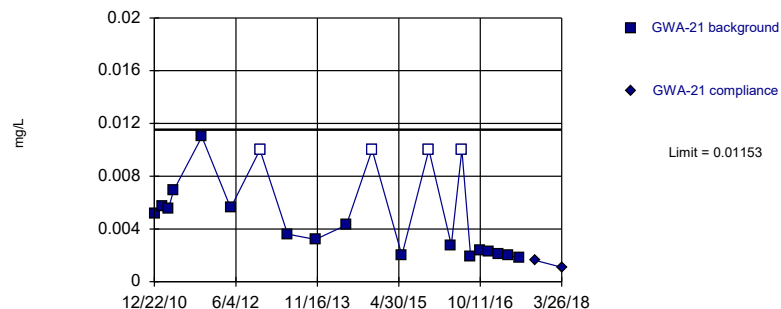
Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05918, Std. Dev.=0.01665, n=21, 19.05% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.873. Kappa overridden to 2.894.

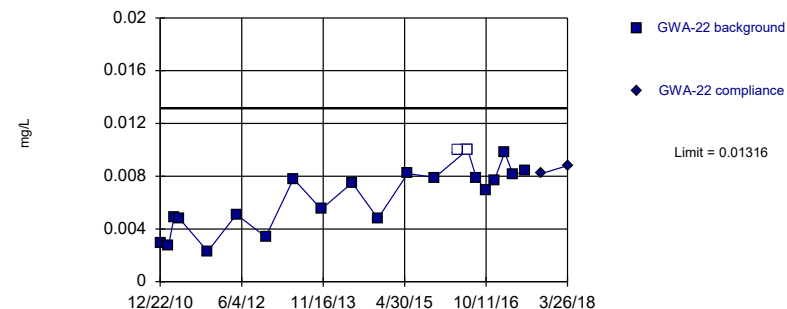
Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00633, Std. Dev.=0.00236, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9272, critical = 0.868. Kappa overridden to 2.894.

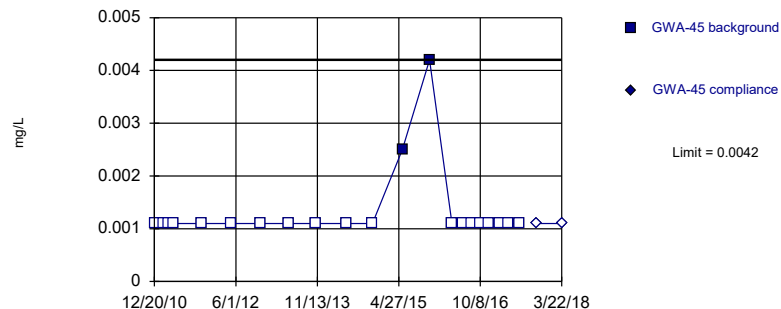
Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

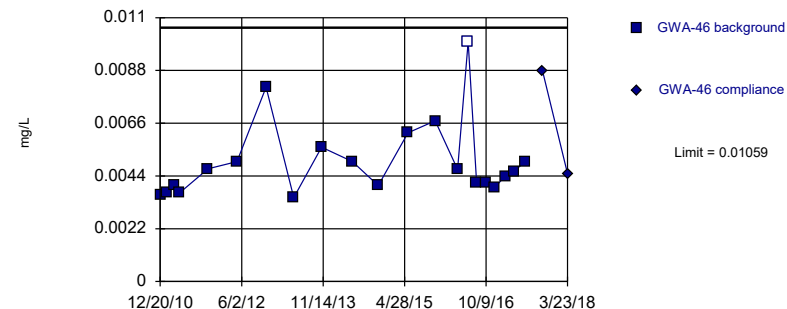
Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-5.342, Std. Dev.=0.2744, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8804, critical = 0.873. Kappa overridden to 2.894.

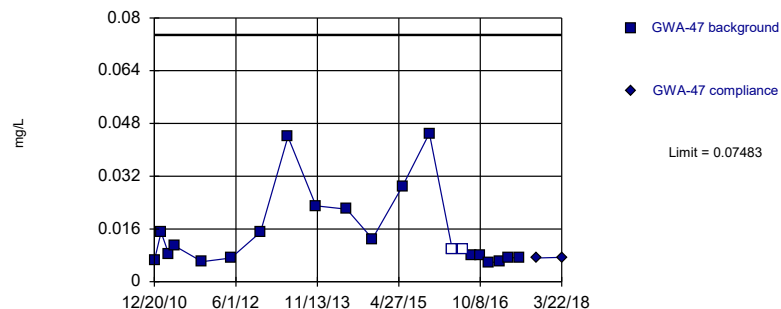
Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.45, Std. Dev.=0.6417, n=21, 9.524%
NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.873. Kappa overridden to 2.894.

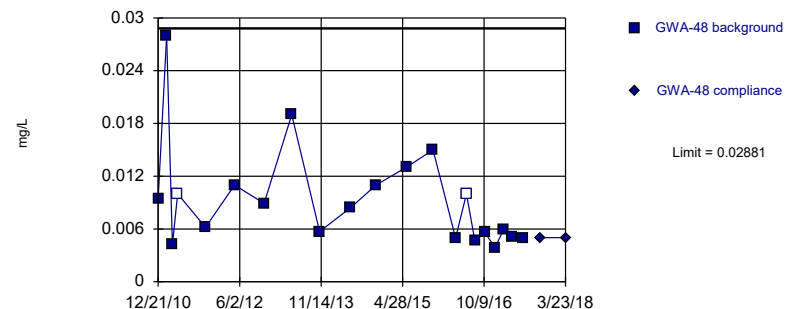
Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.0928, Std. Dev.=0.02659, n=21, 9.524%
NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8852, critical = 0.873. Kappa overridden to 2.894.

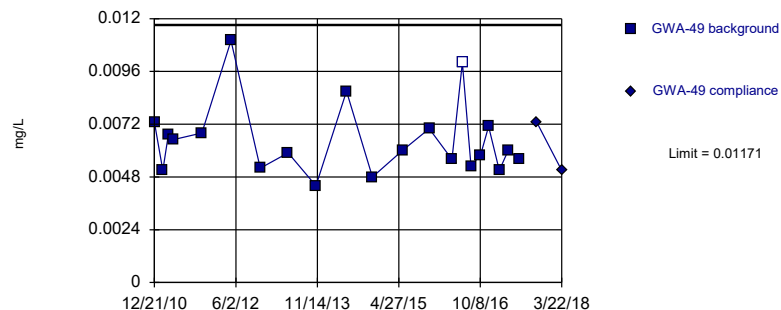
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.07987, Std. Dev.=0.009799, n=21,
4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8998, critical = 0.873. Kappa overridden to 2.894.

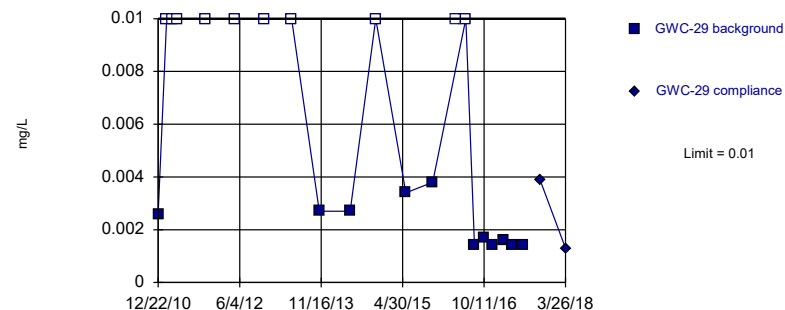
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



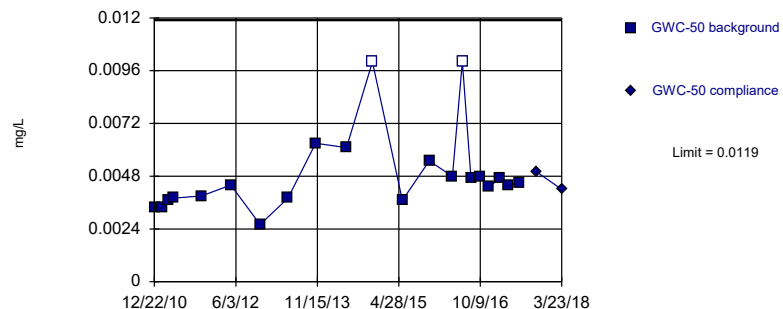
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



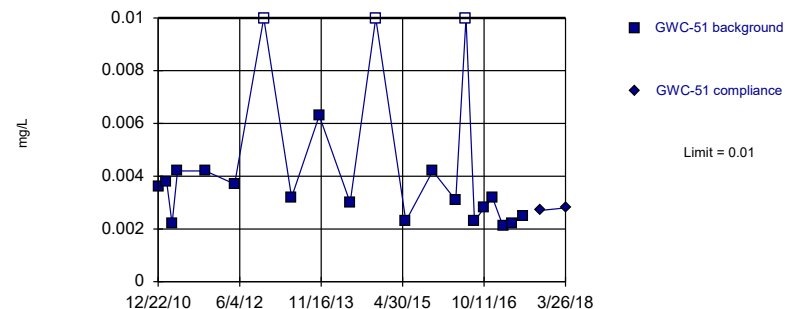
Background Data Summary (based on natural log transformation): Mean=-5.376, Std. Dev.=0.3265, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



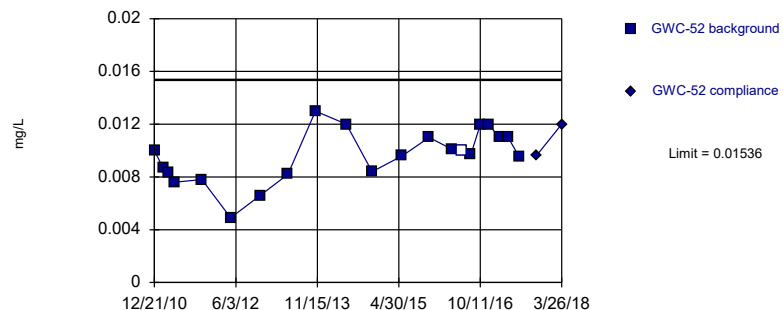
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 14.29% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



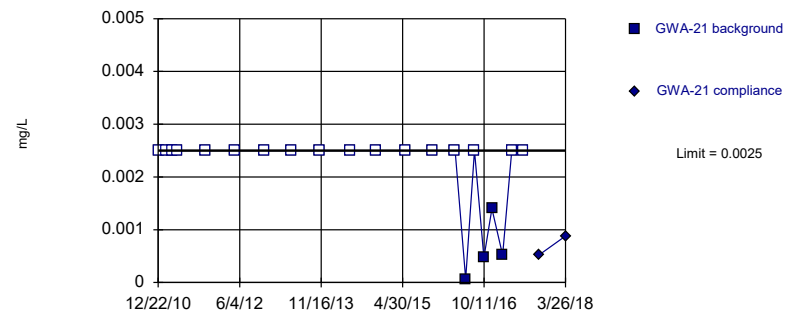
Background Data Summary: Mean=0.00959, Std. Dev.=0.001994, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9741, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

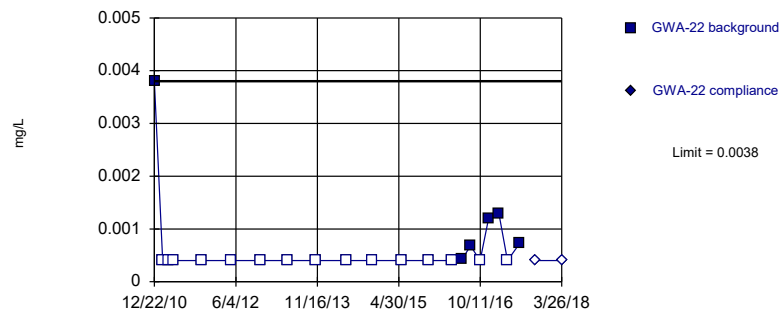


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

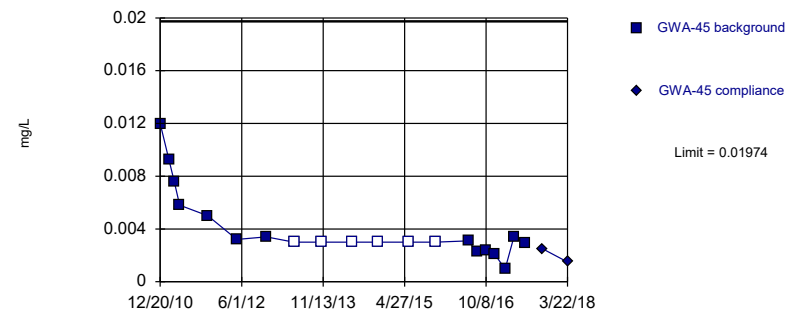


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
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Within Limit

Prediction Limit Intrawell Parametric

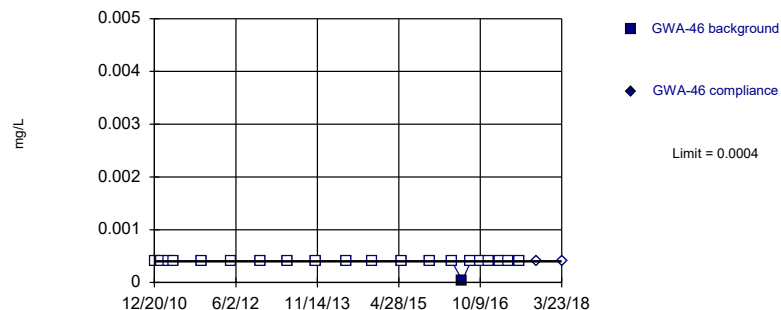


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.806, Std. Dev.=0.6499, n=20, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8881, critical = 0.868. Kappa overridden to 2.894.

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

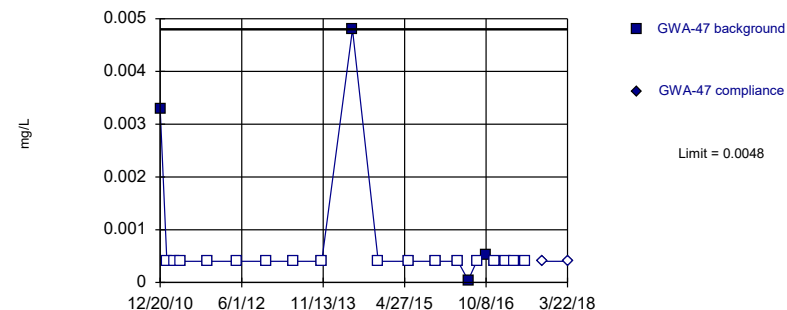


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

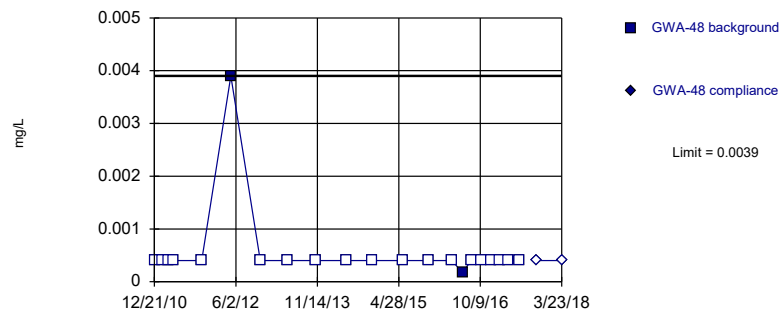


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

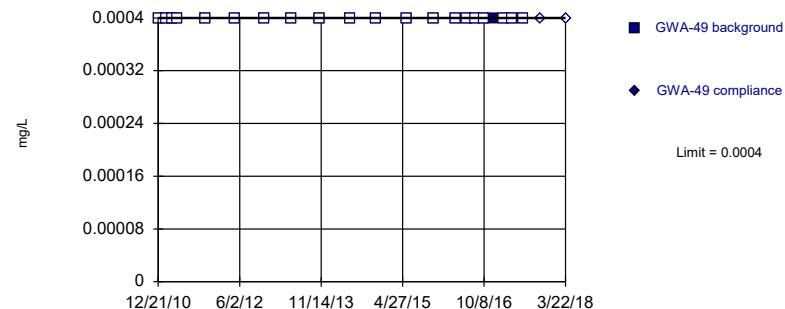


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

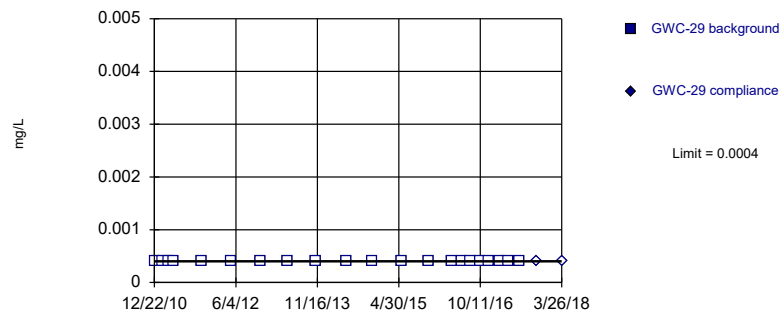


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

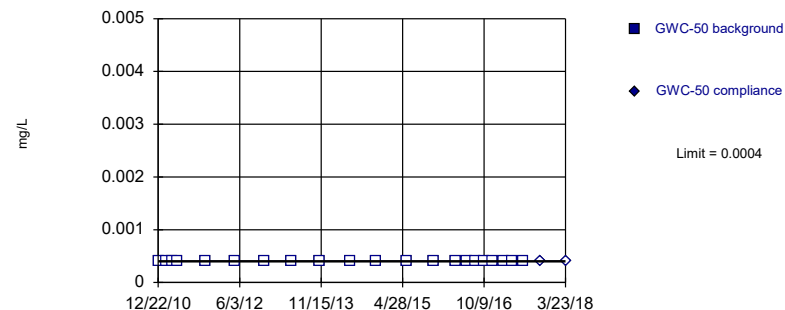


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

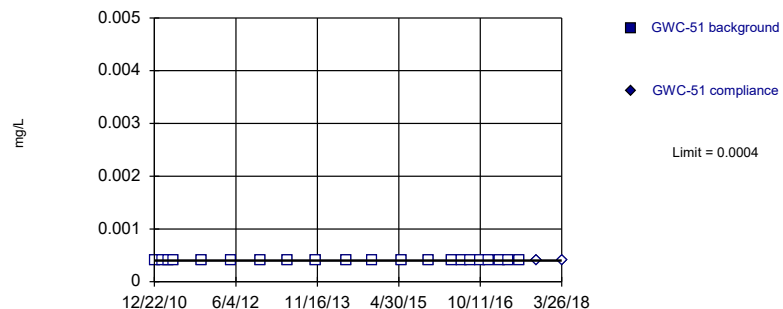


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

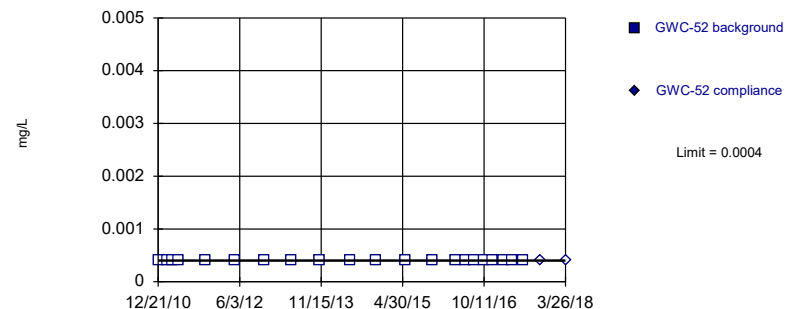


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

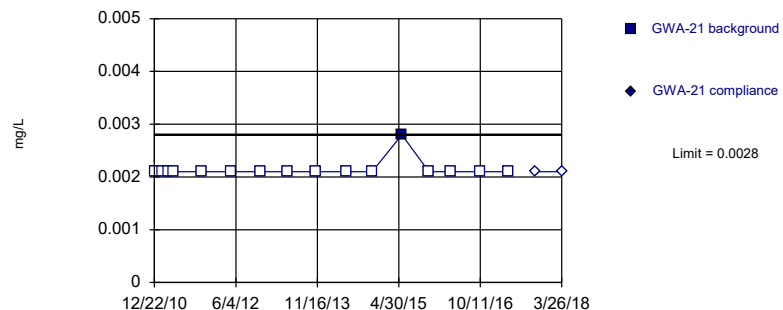


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

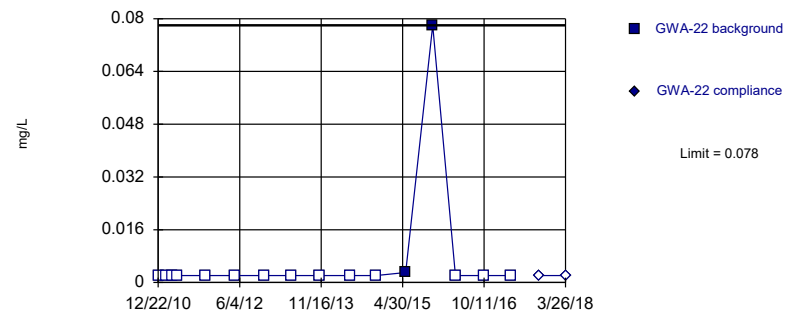


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

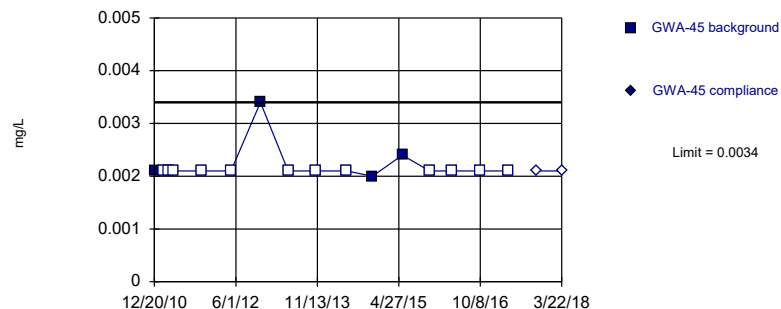


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

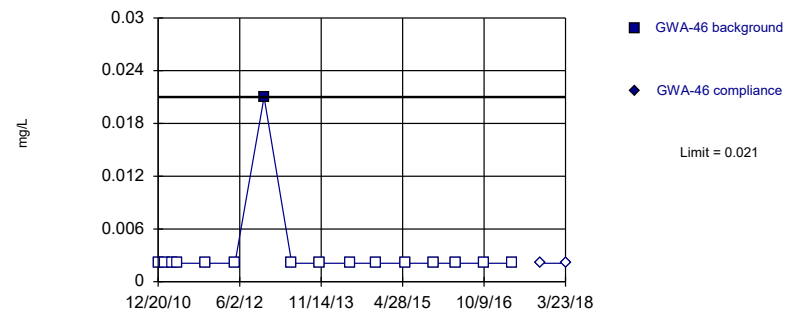


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

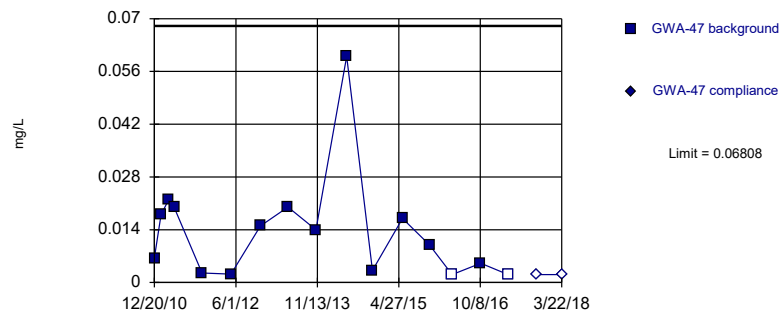


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

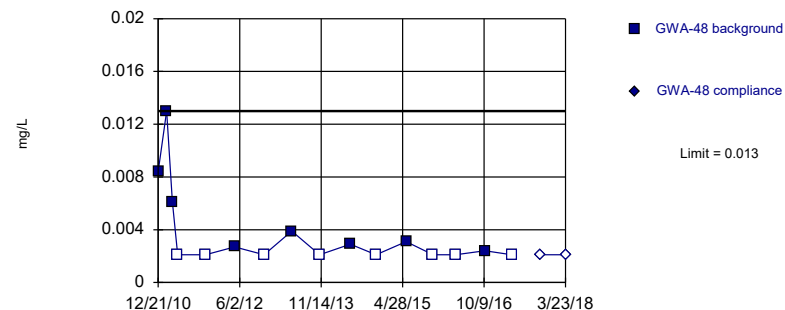


Background Data Summary (based on square root transformation): Mean=0.1049, Std. Dev.=0.05391, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8808, critical = 0.844. Kappa overridden to 2.894.

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

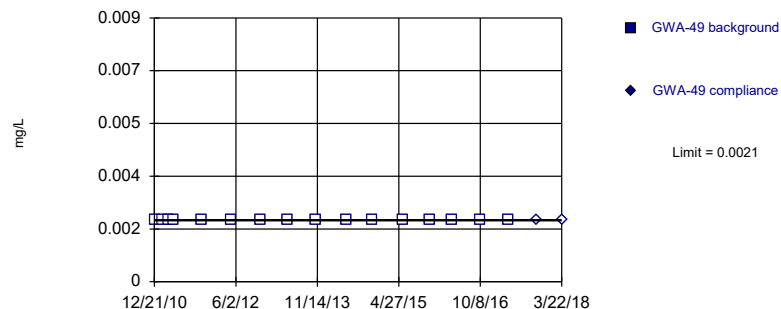


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

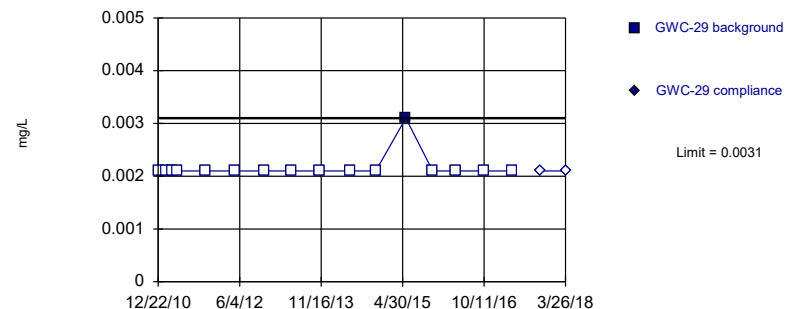


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

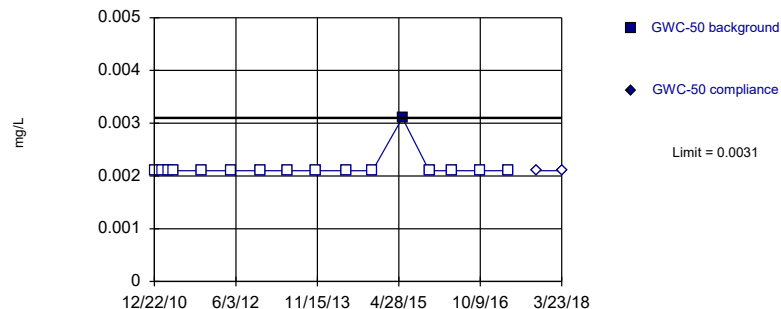


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

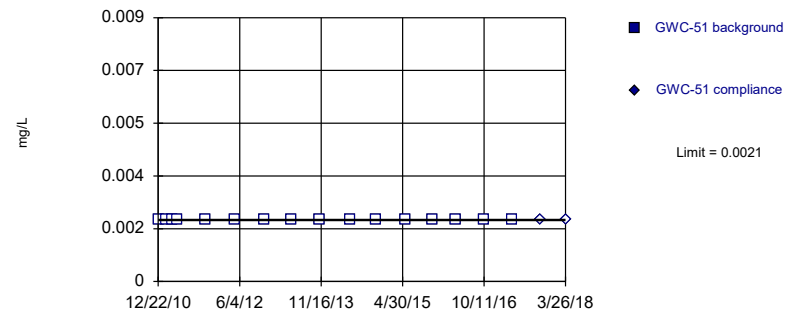


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

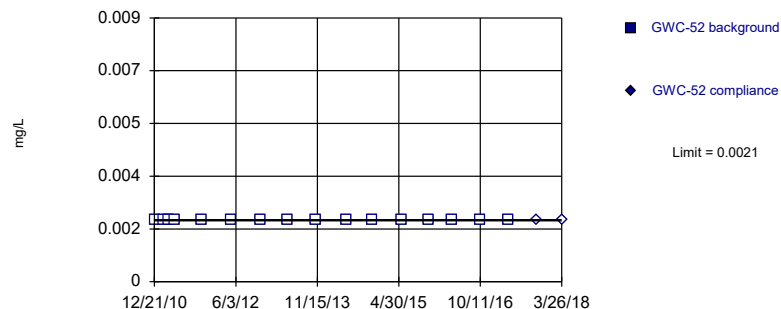


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

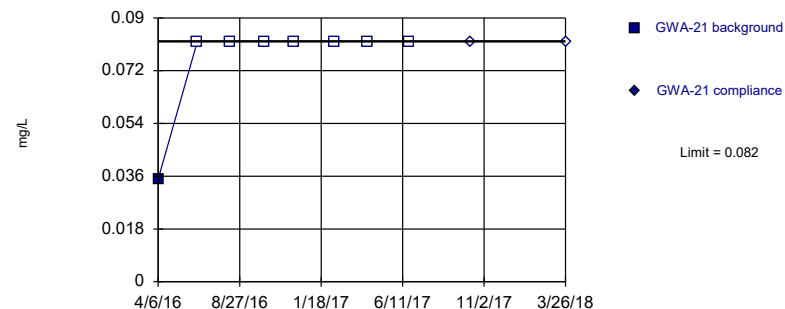


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

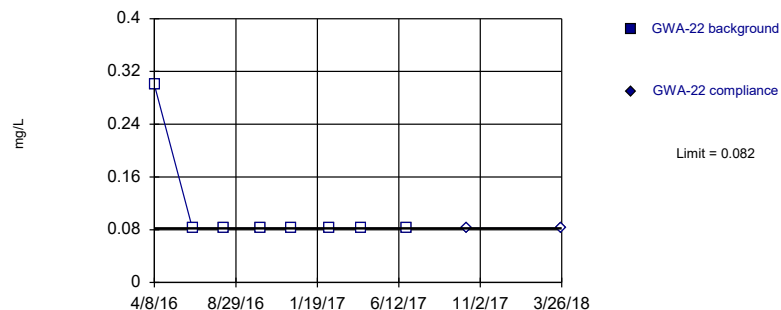


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

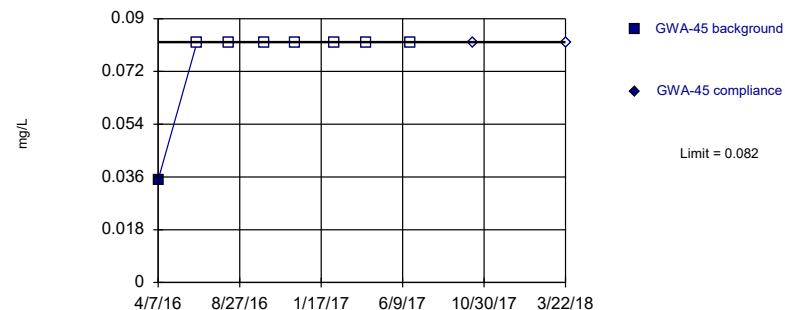


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

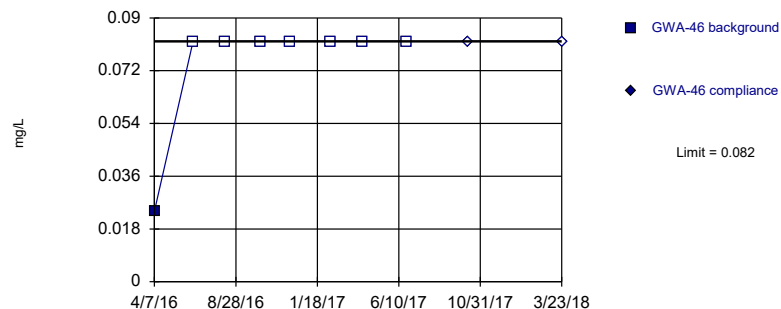


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

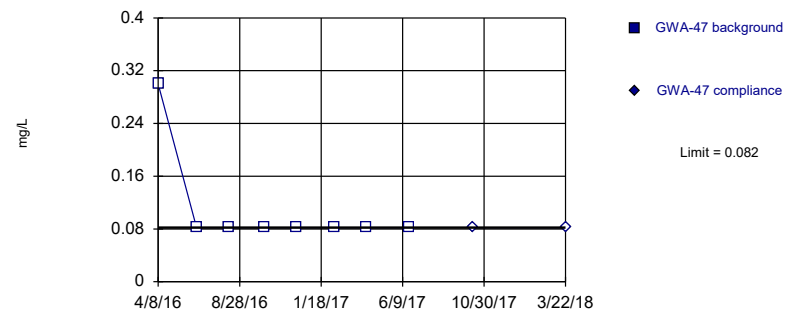


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

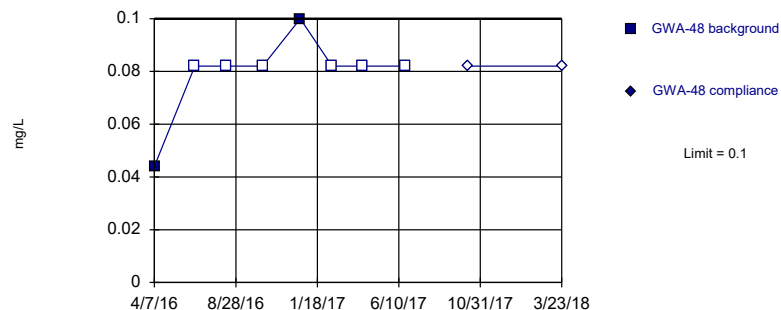


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

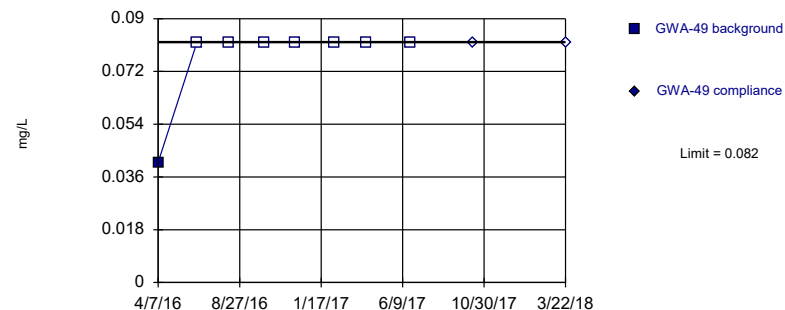


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

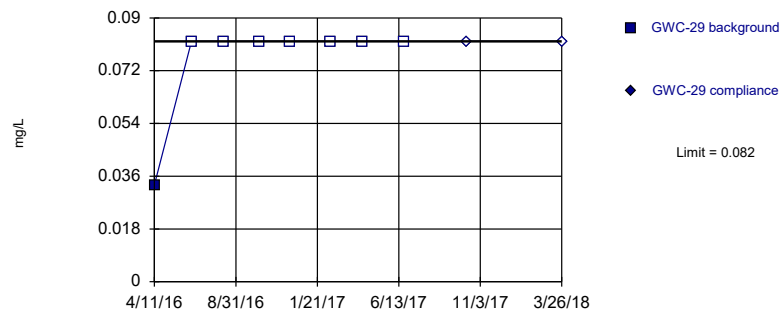


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

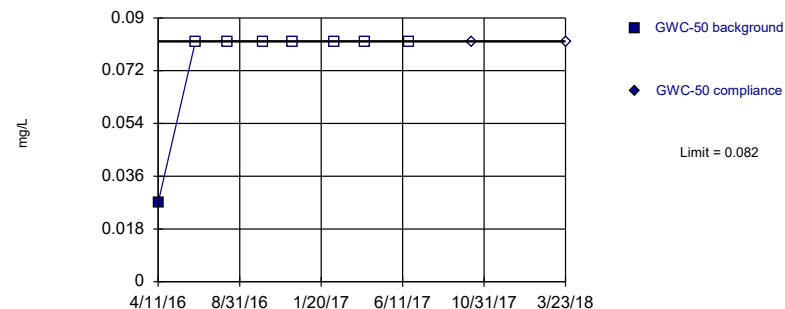


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

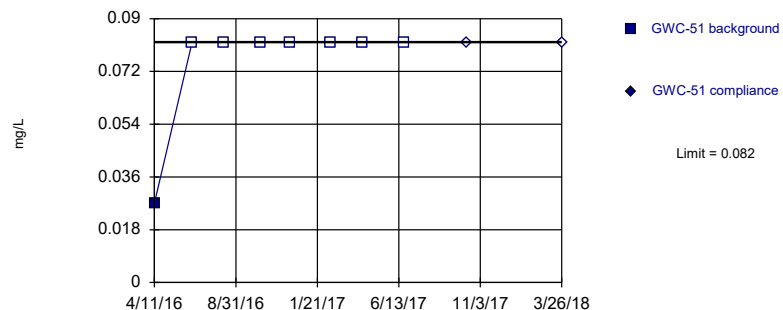


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

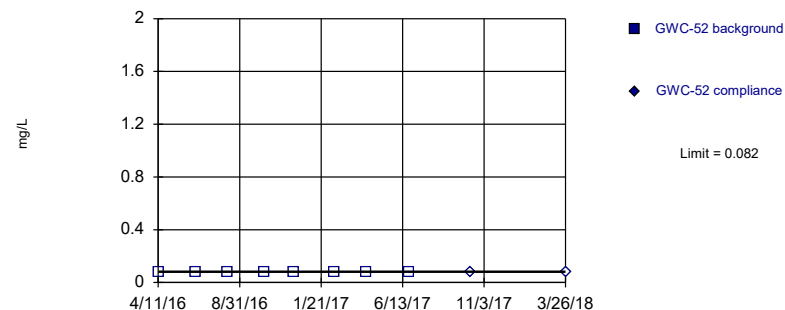


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

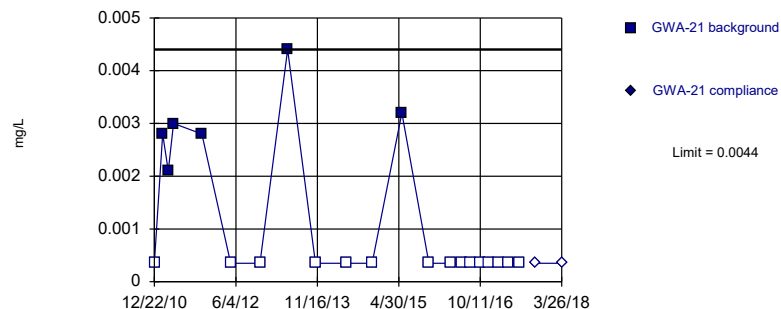


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

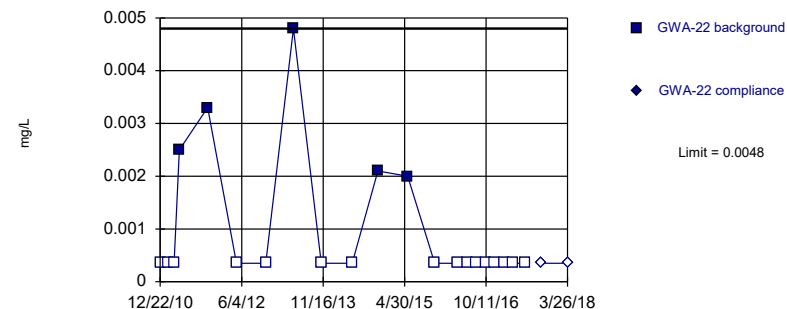


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

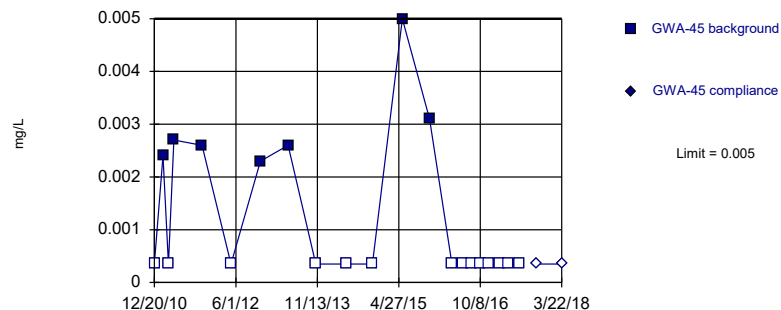


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

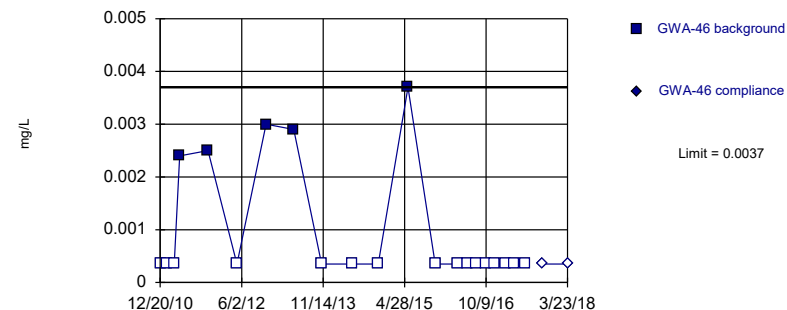


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

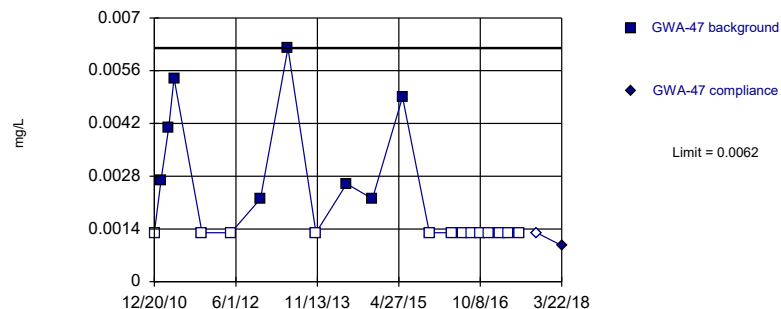


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

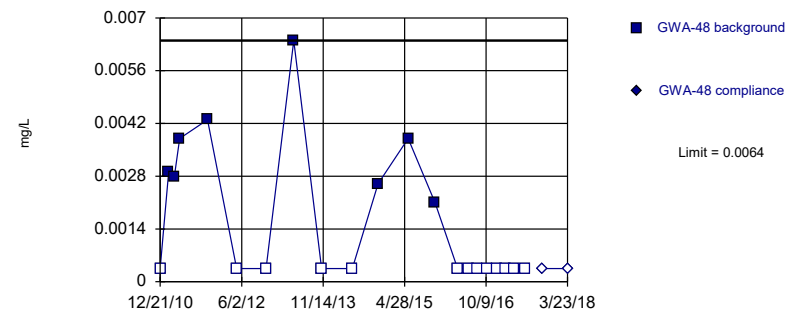


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

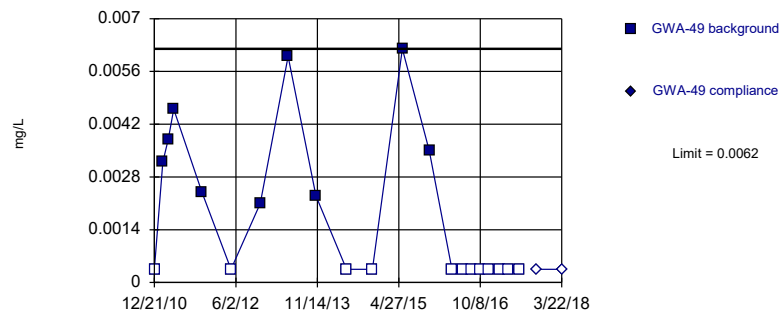


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

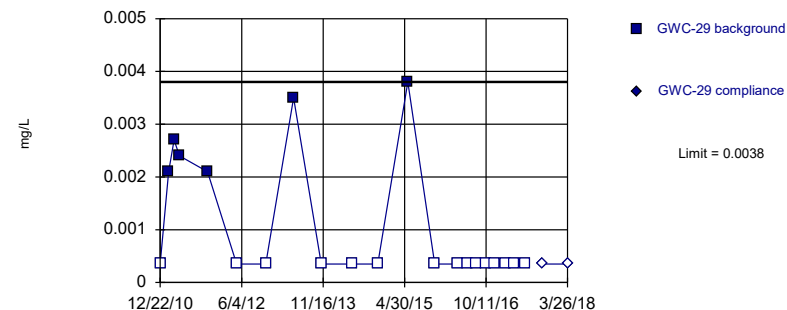


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

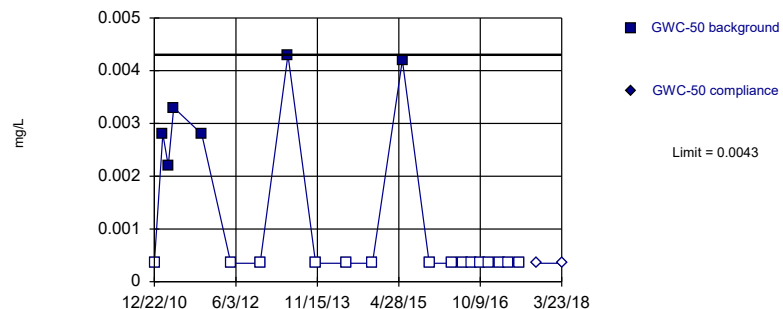


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

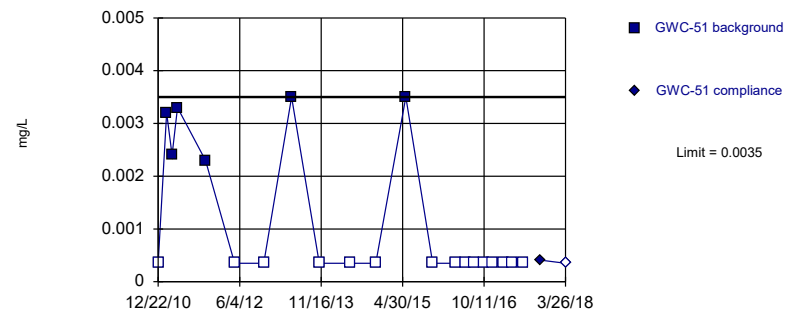


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

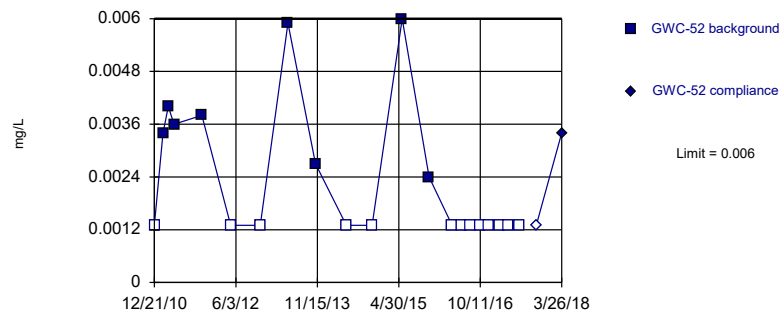


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

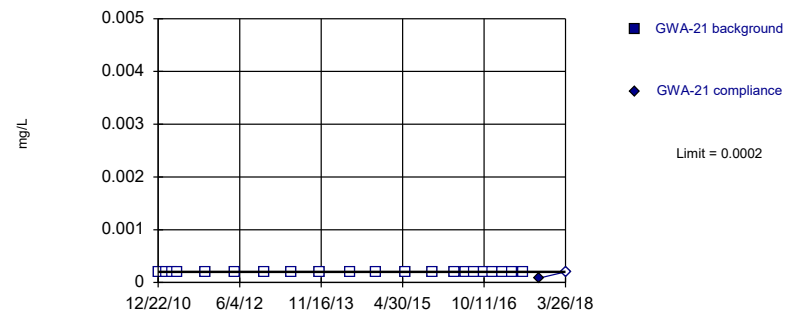


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

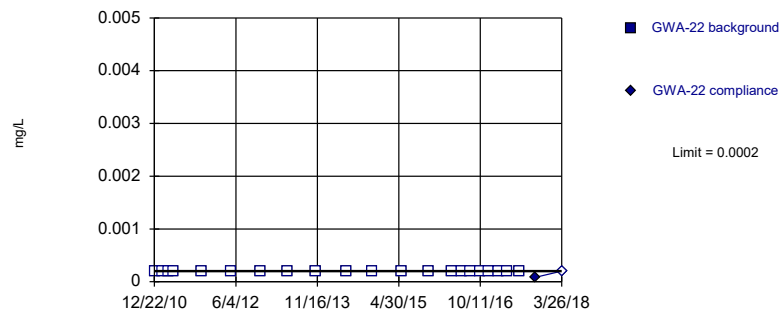


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

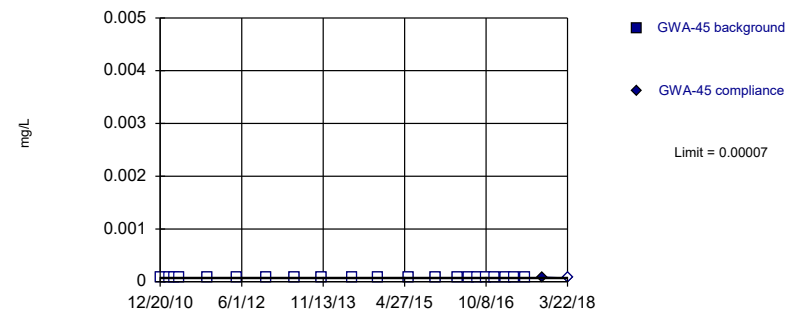


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

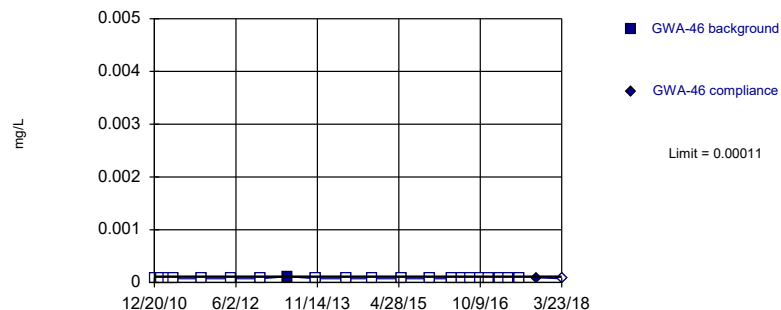


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

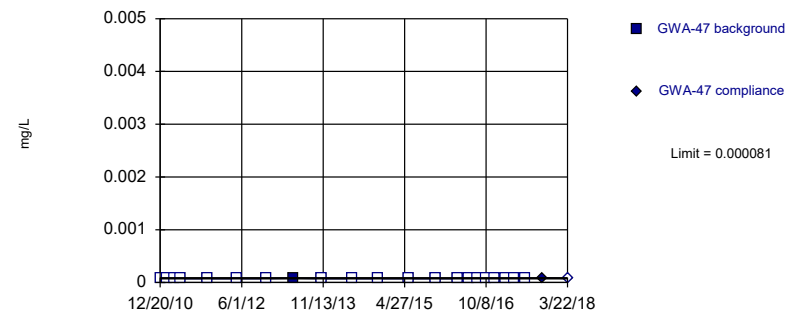


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

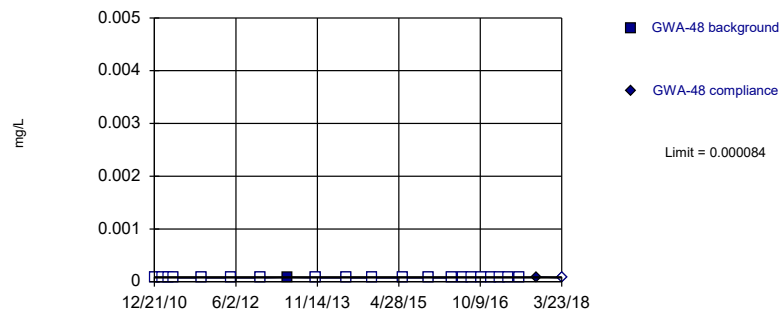


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

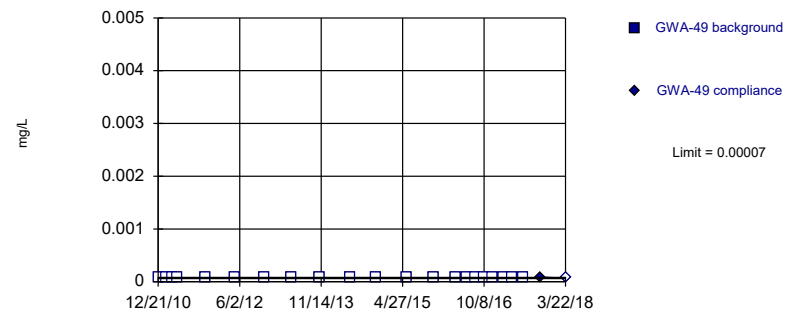


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

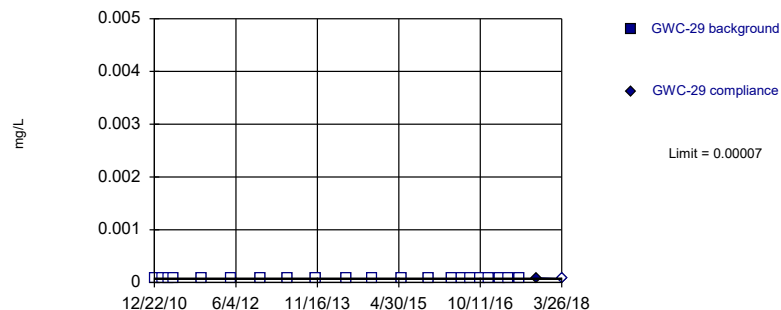


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

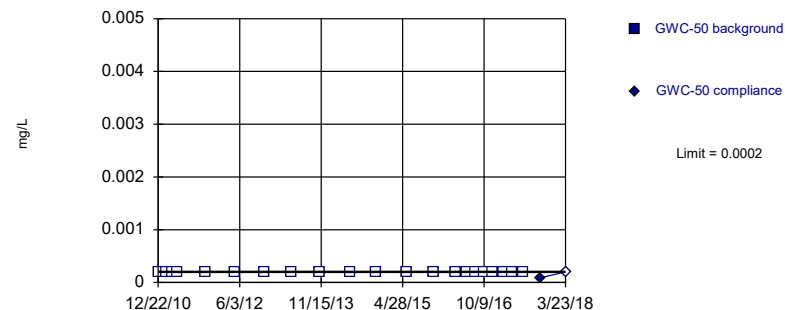


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

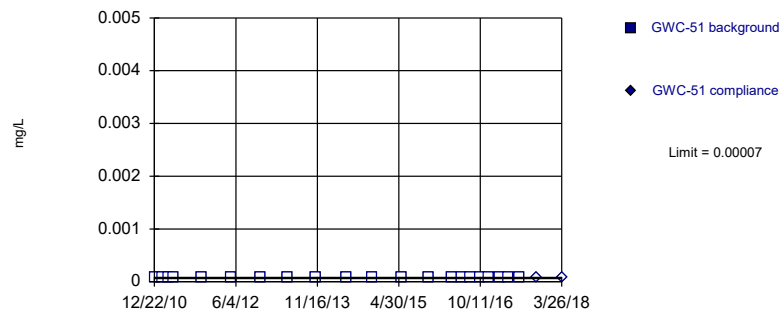


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

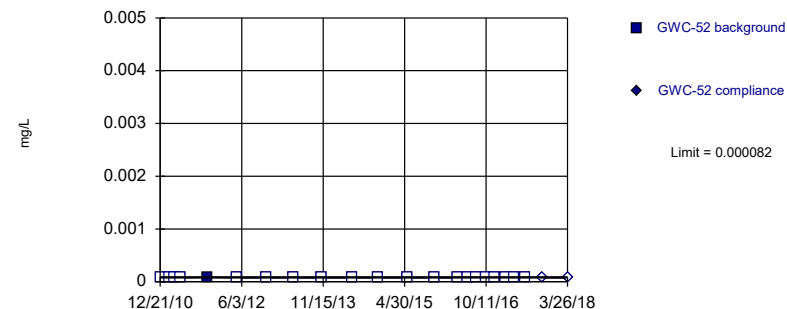


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

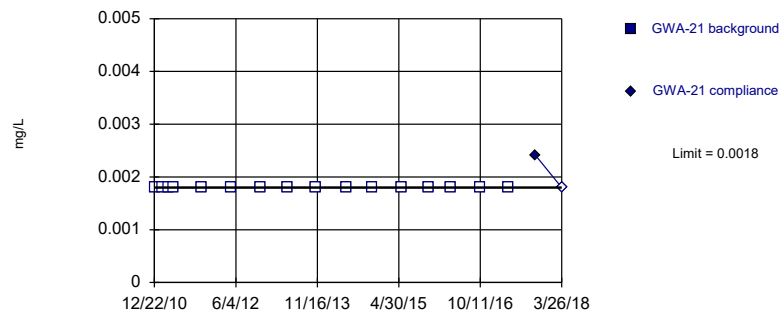


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

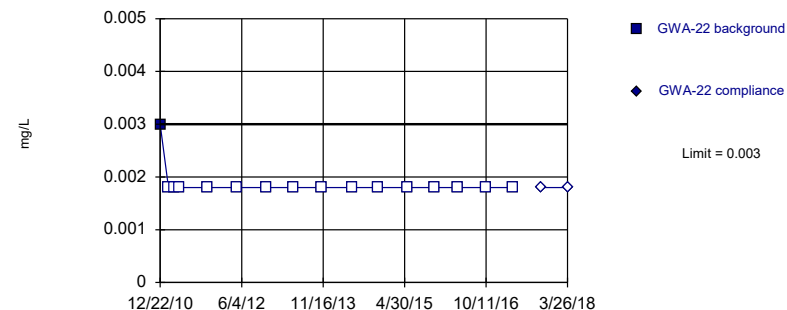


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

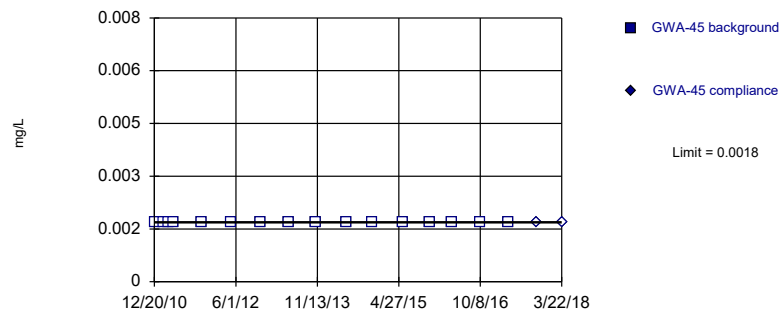


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

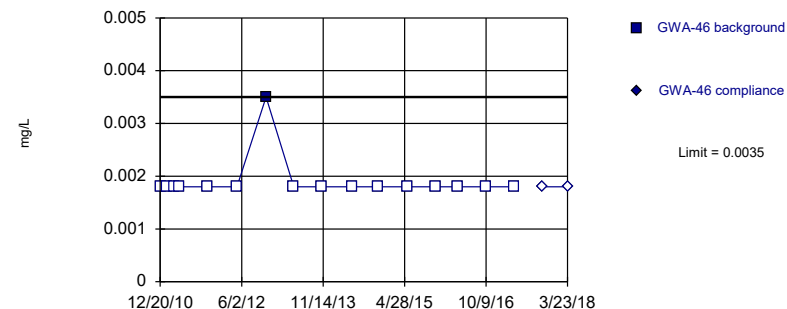


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

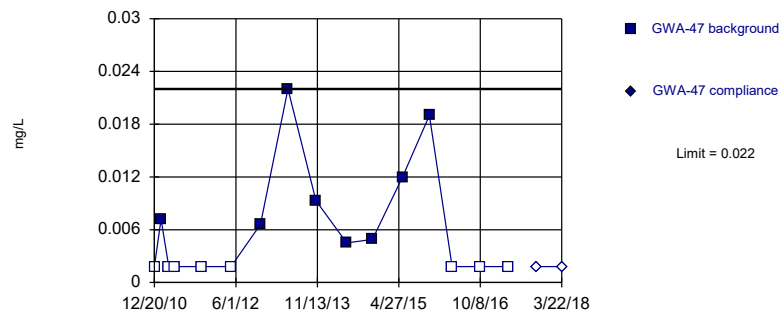


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

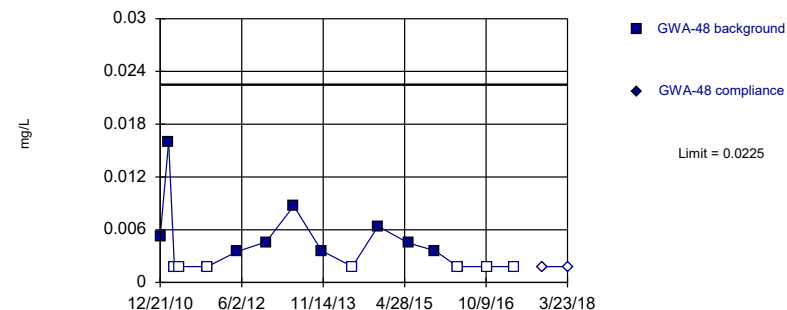


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

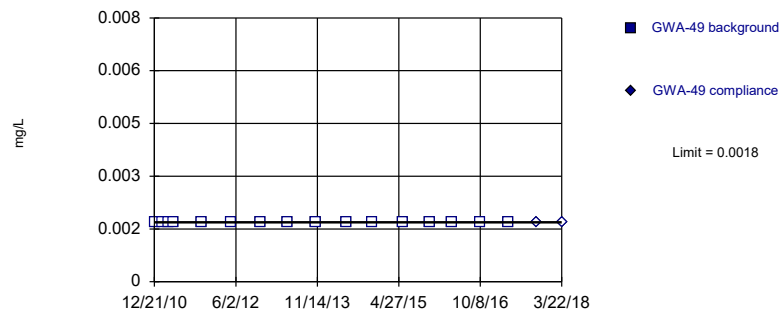


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.733, Std. Dev.=0.67, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8512, critical = 0.844. Kappa overridden to 2.894.

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

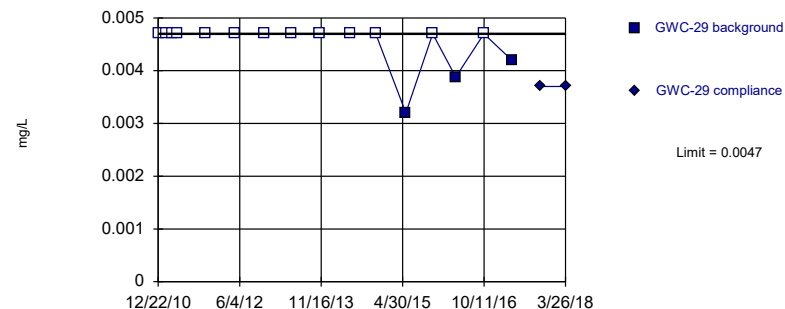


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

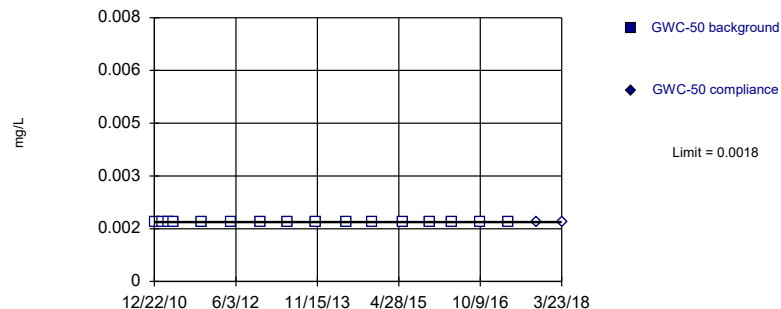


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

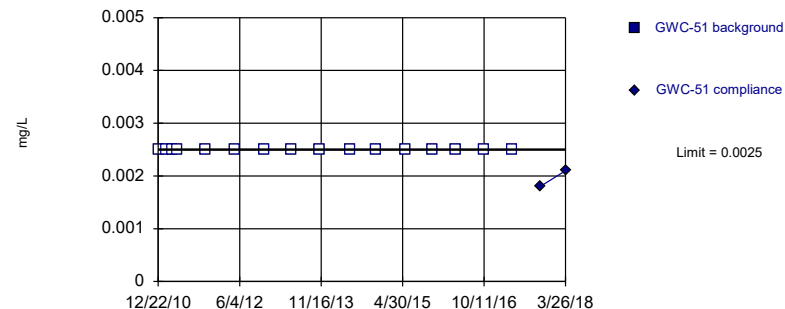


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

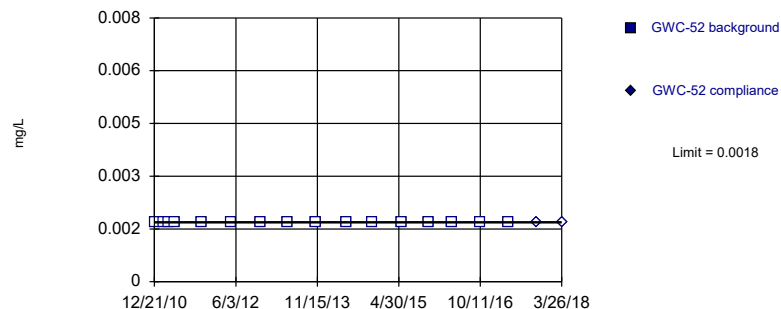


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

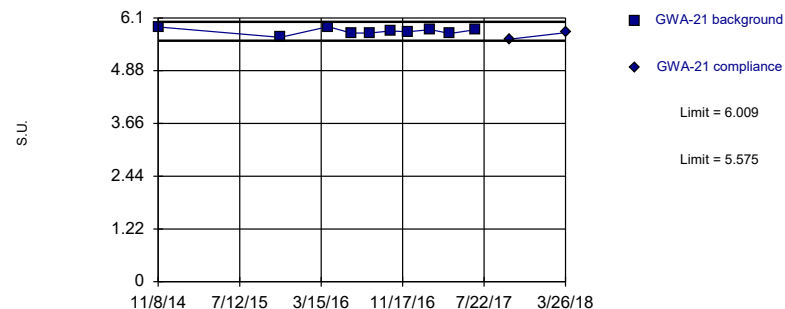


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit Intrawell Parametric

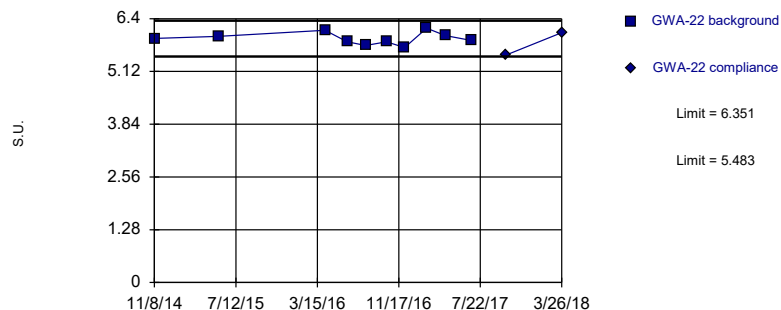


Background Data Summary: Mean=5.792, Std. Dev.=0.0751, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit Intrawell Parametric

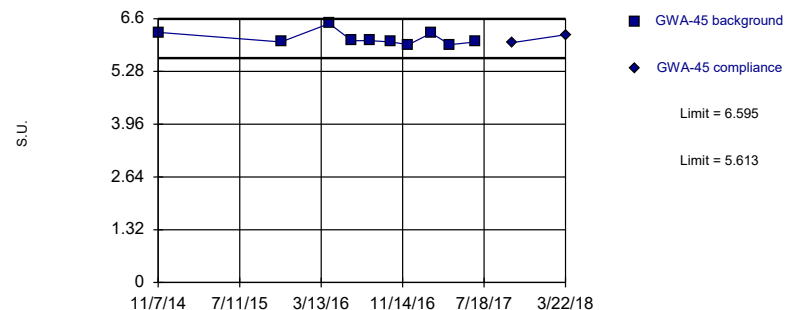


Background Data Summary: Mean=5.917, Std. Dev.=0.15, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit Intrawell Parametric

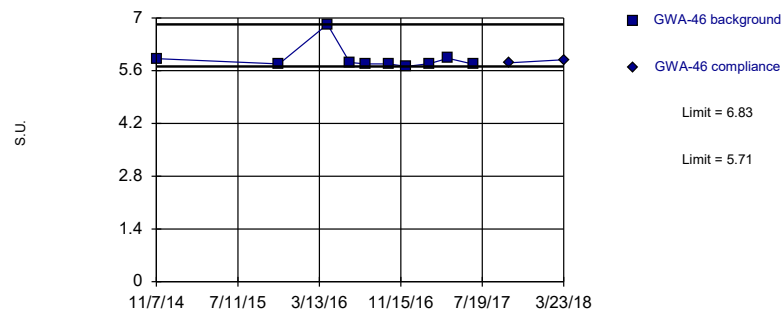


Background Data Summary: Mean=6.104, Std. Dev.=0.1695, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8116, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

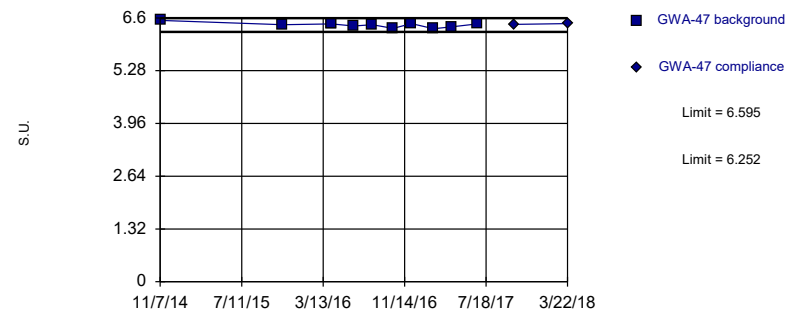


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 10 background values. Well-constituent pair annual alpha = 0.0586. Individual comparison alpha = 0.02952 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

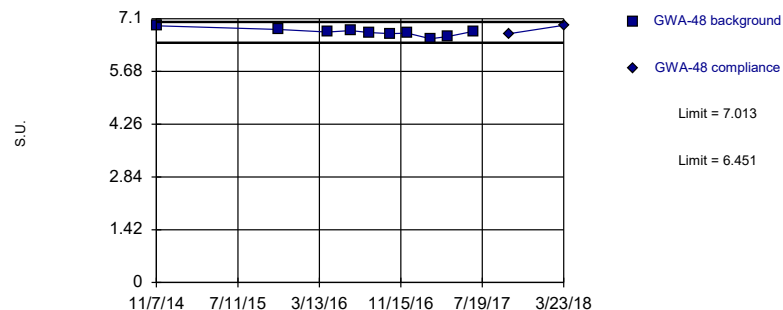


Background Data Summary: Mean=6.424, Std. Dev.=0.05938, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

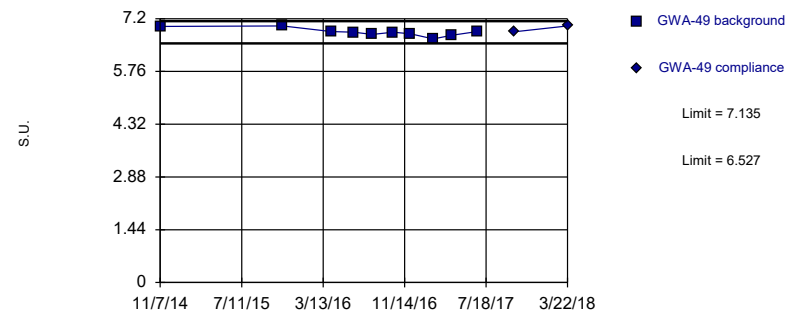


Background Data Summary: Mean=6.732, Std. Dev.=0.09693, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric



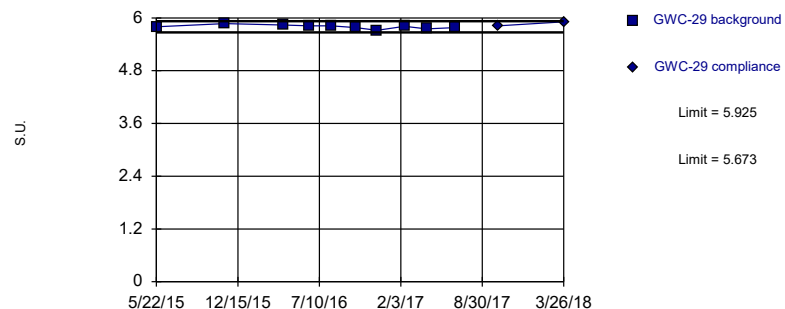
Background Data Summary: Mean=6.831, Std. Dev.=0.105, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9327, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



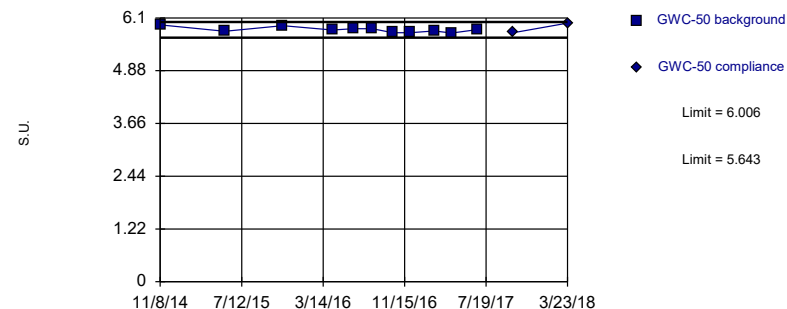
Background Data Summary: Mean=5.799, Std. Dev.=0.04358, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9822, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



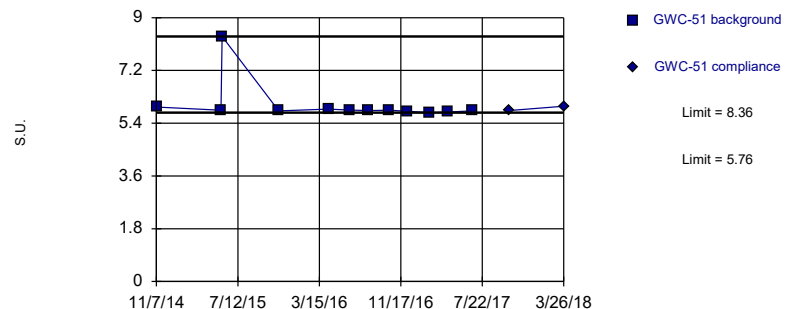
Background Data Summary: Mean=5.825, Std. Dev.=0.06283, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



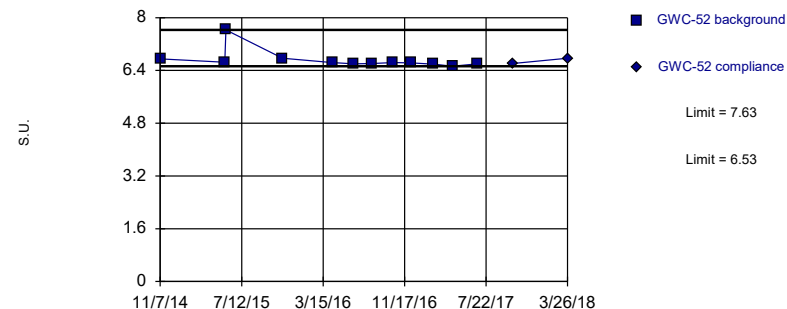
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric

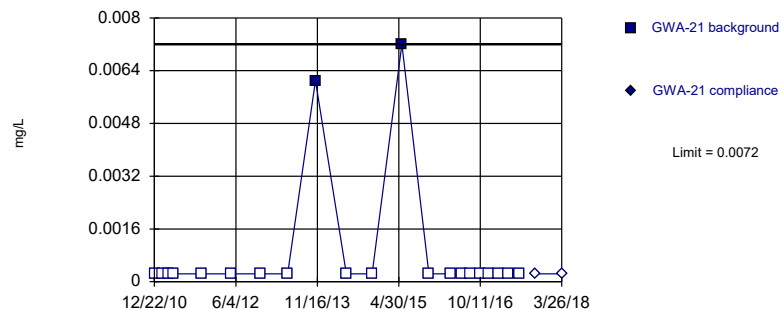


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

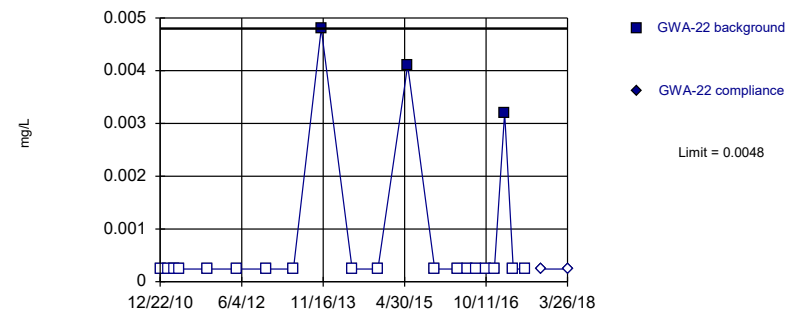


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

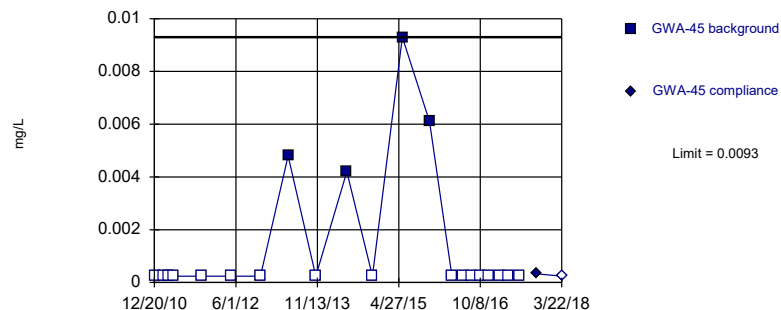


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

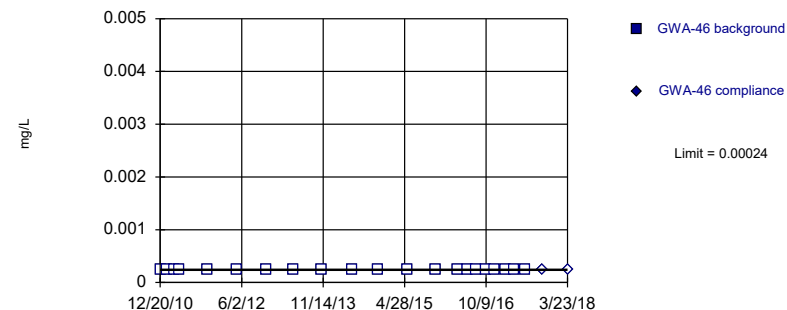


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

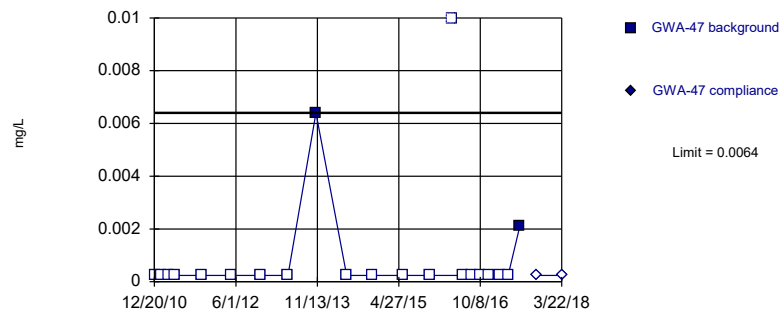


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

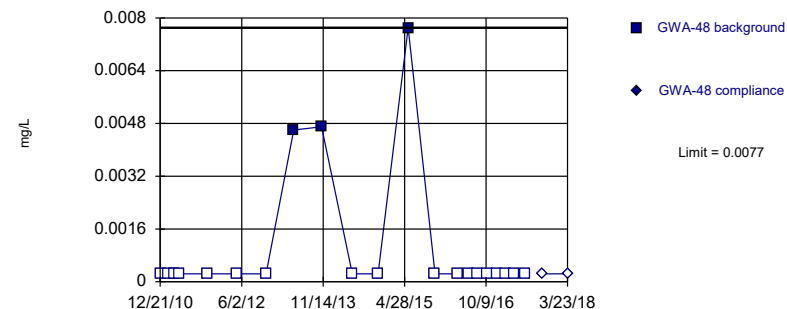


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

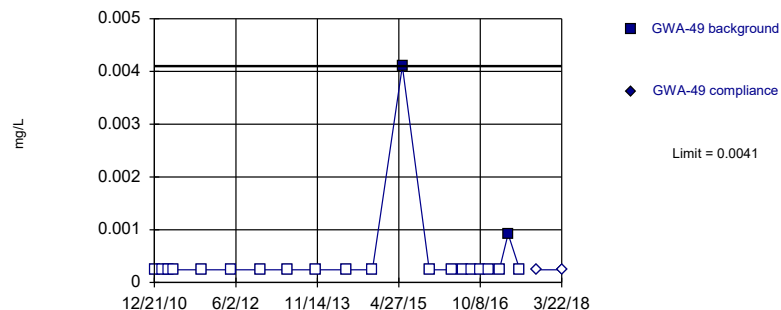


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

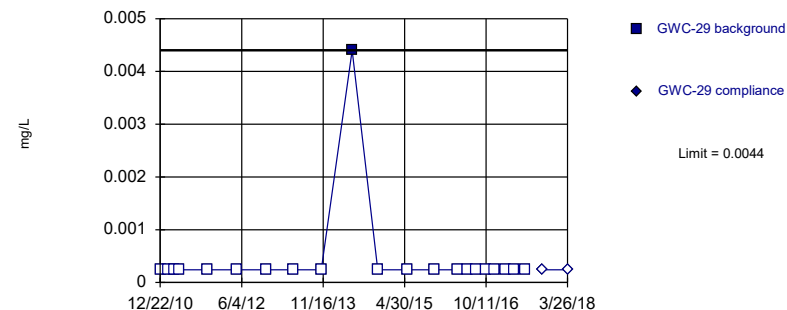


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

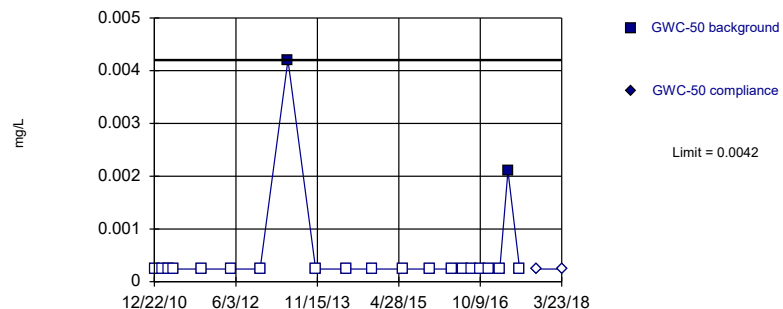


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

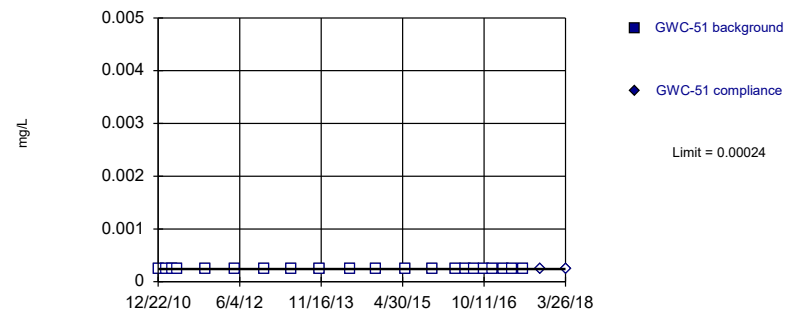


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

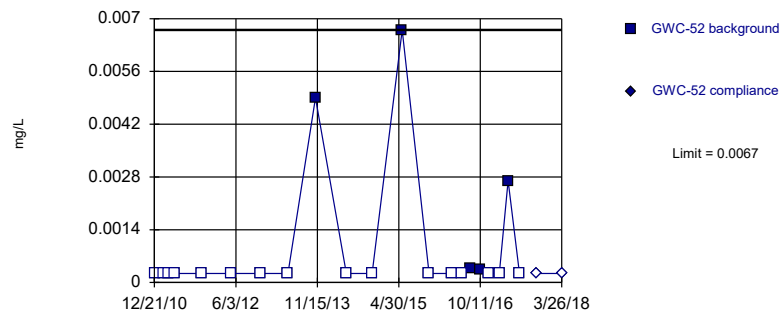


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

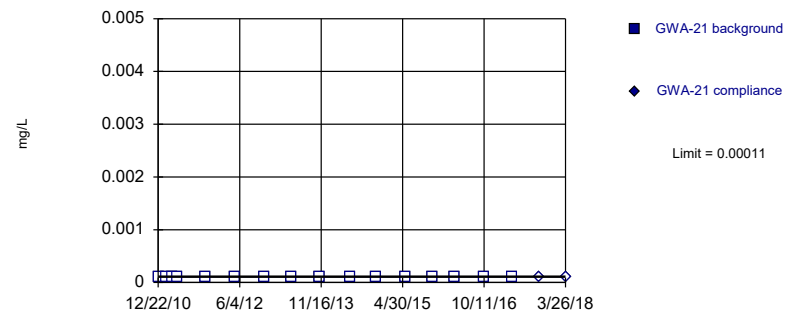


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

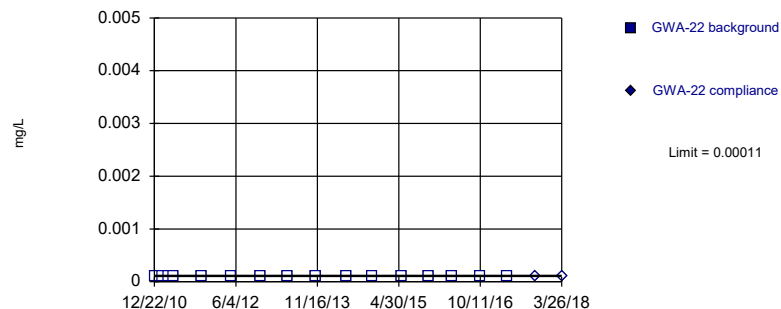


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

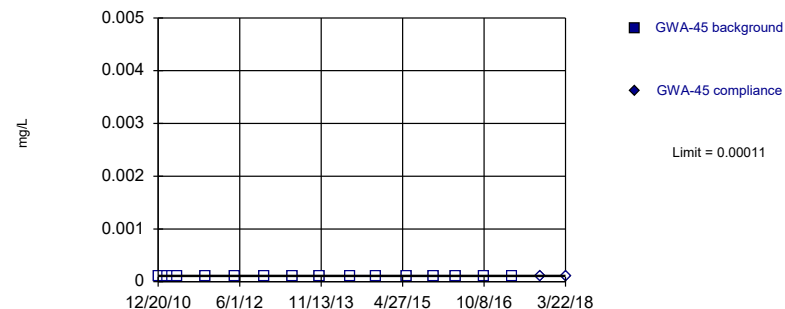


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

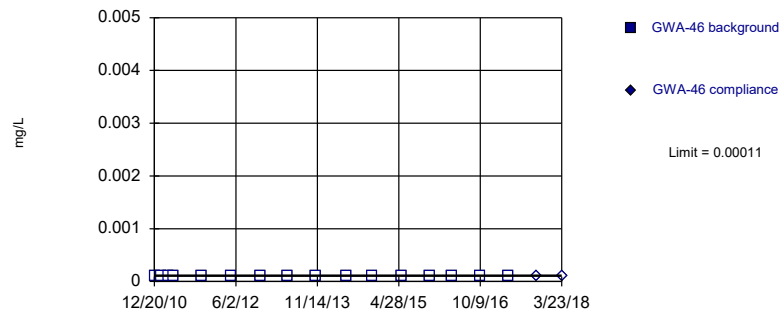


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

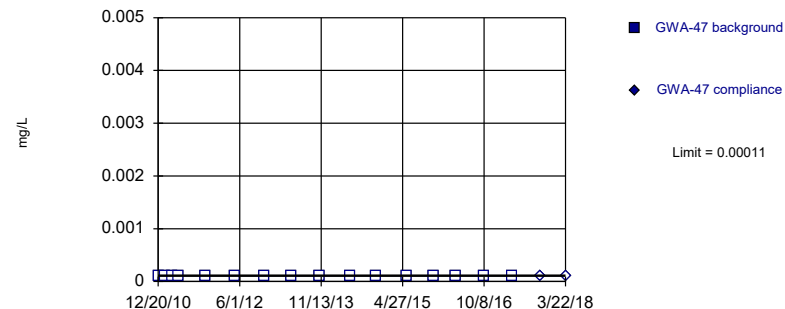


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

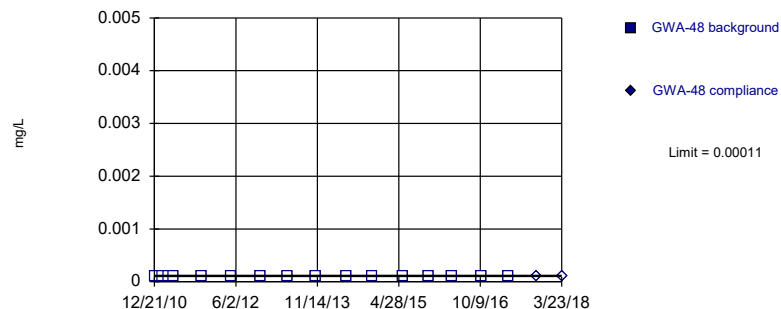


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

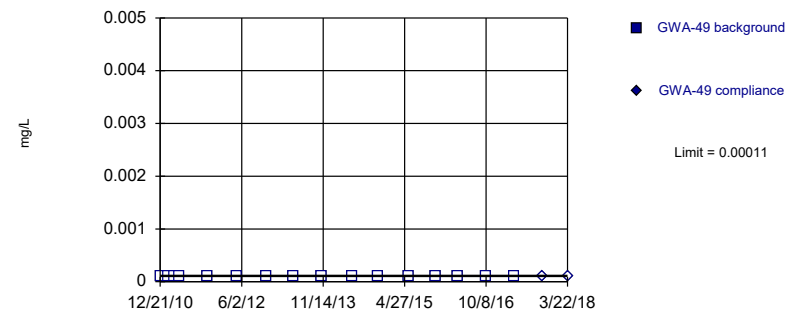


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

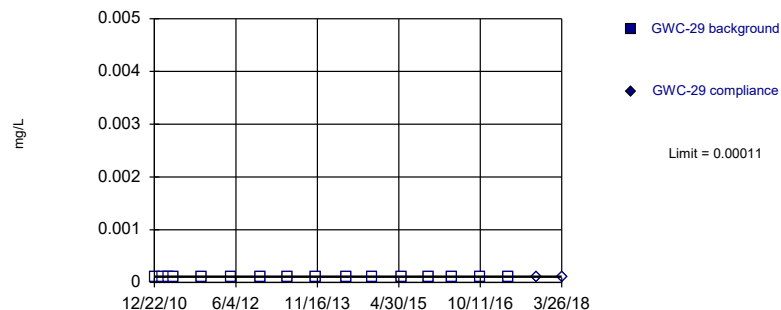


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

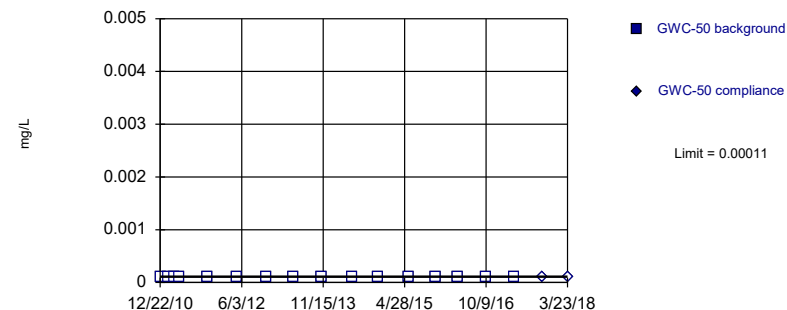


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

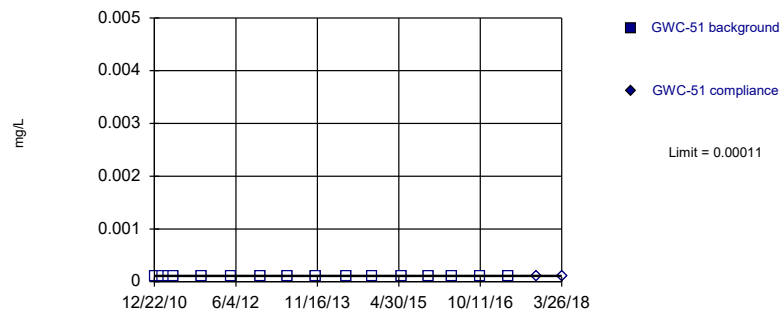


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

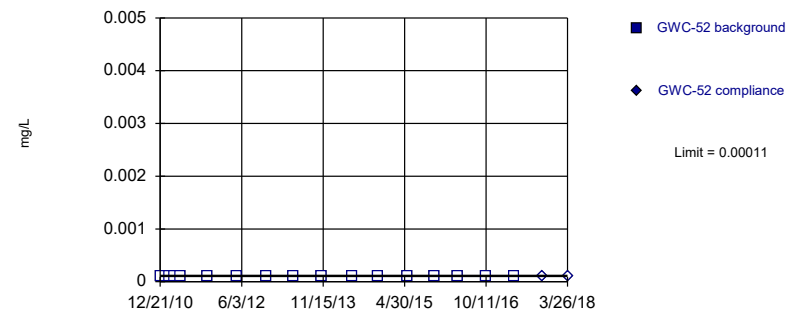


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

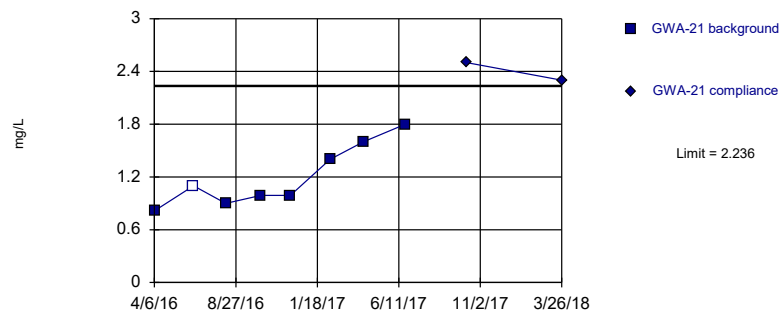


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

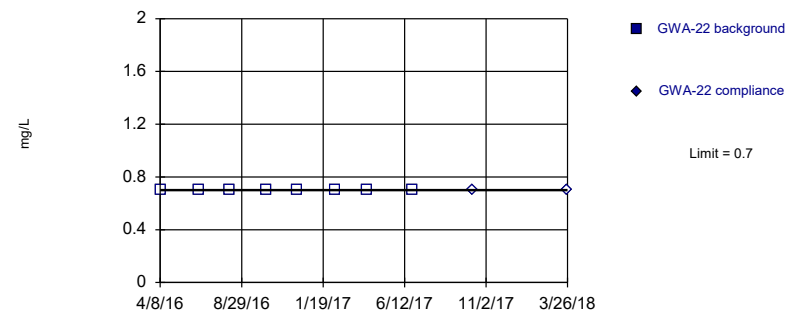


Background Data Summary: Mean=1.199, Std. Dev.=0.3582, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8949, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



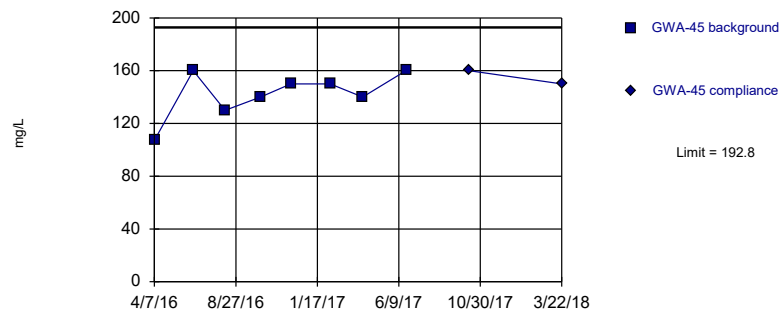
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=142.1, Std. Dev.=17.51, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.749. Kappa overridden to 2.894.

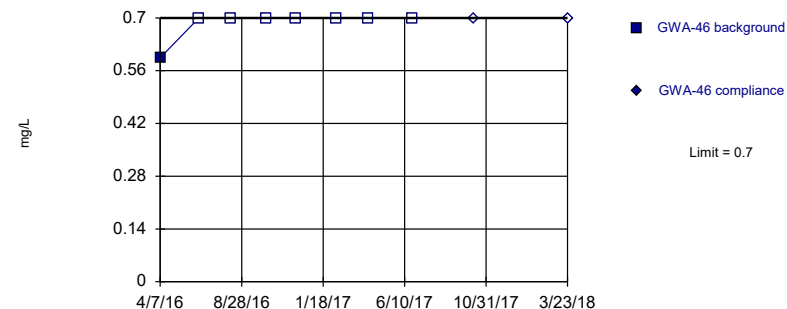
Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

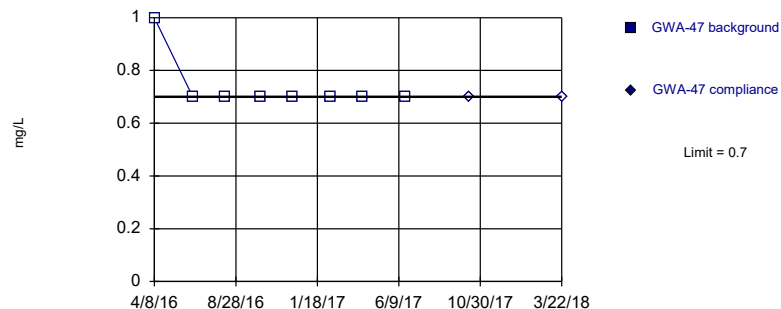
Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



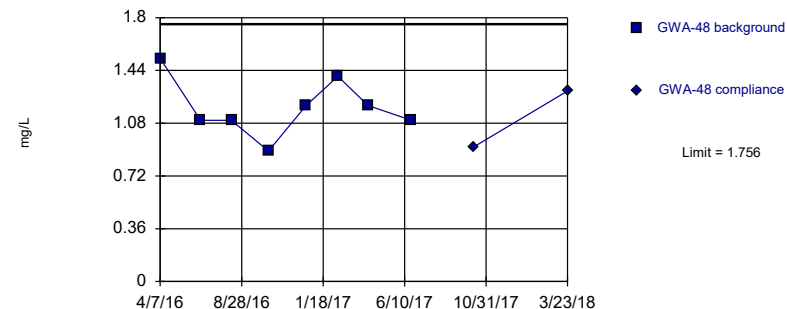
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric

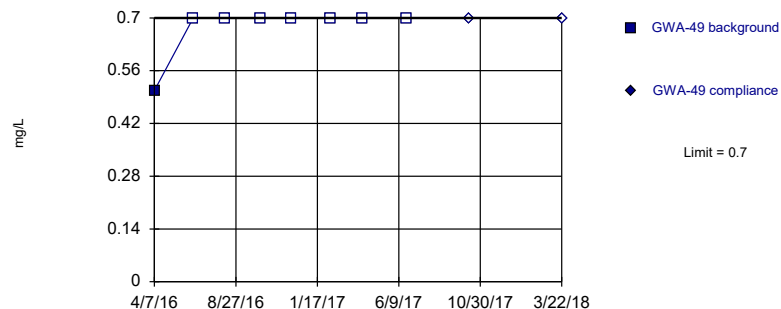


Background Data Summary: Mean=1.189, Std. Dev.=0.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

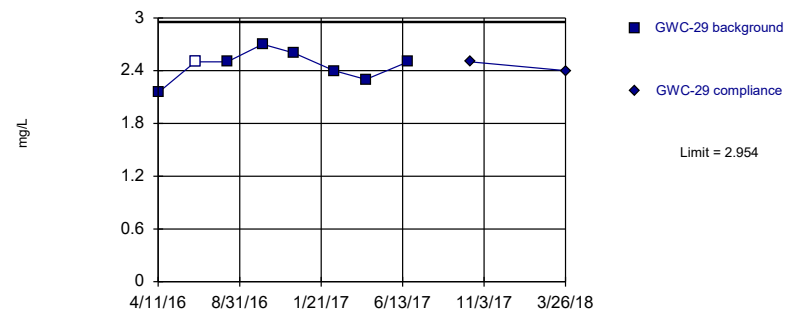


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

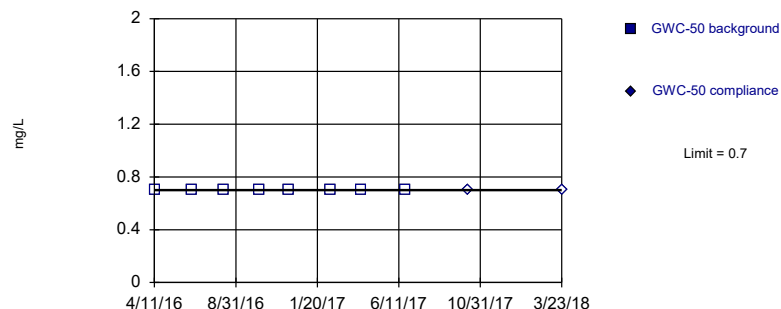


Background Data Summary: Mean=2.456, Std. Dev.=0.172, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9567, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

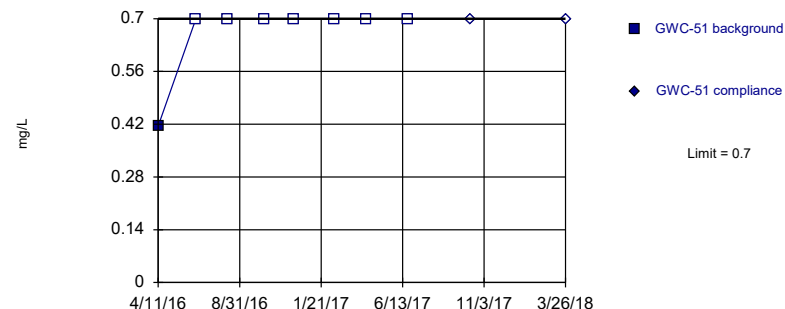


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



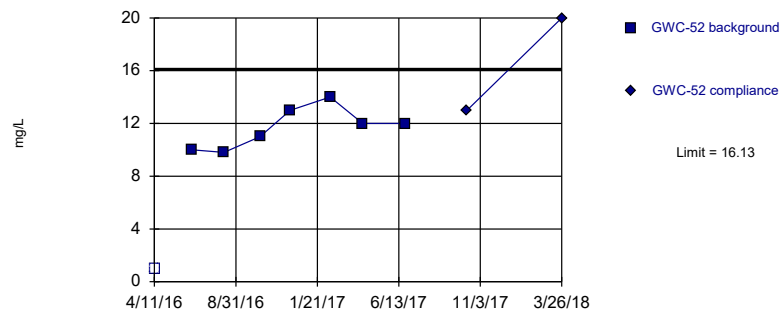
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



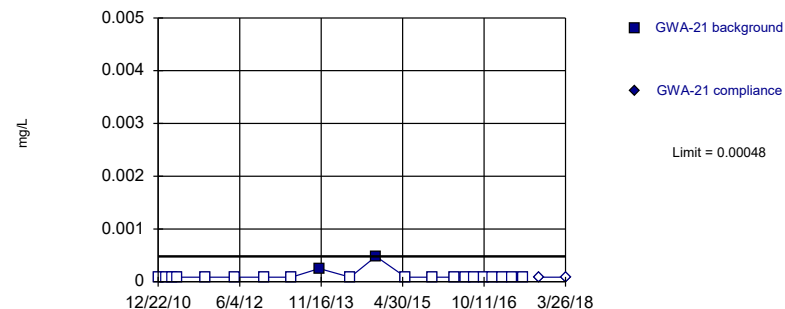
Background Data Summary: Mean=11.69, Std. Dev.=1.536, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.73. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



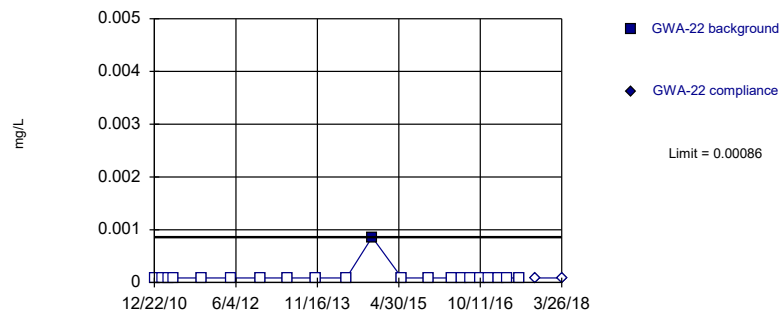
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



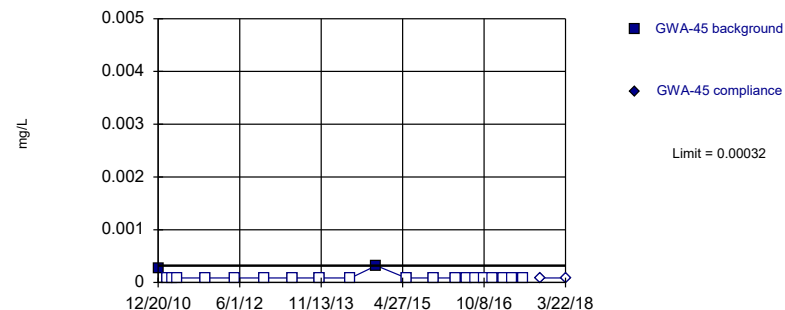
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

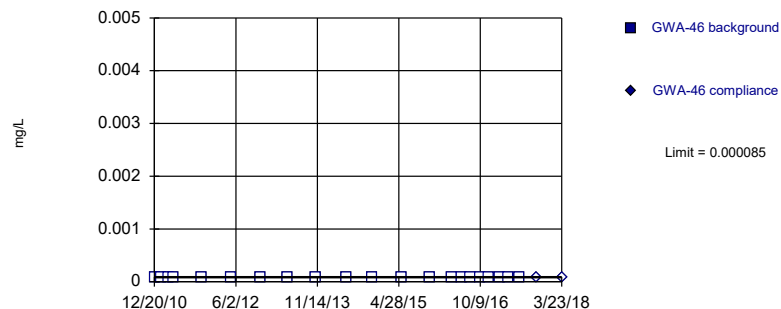


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

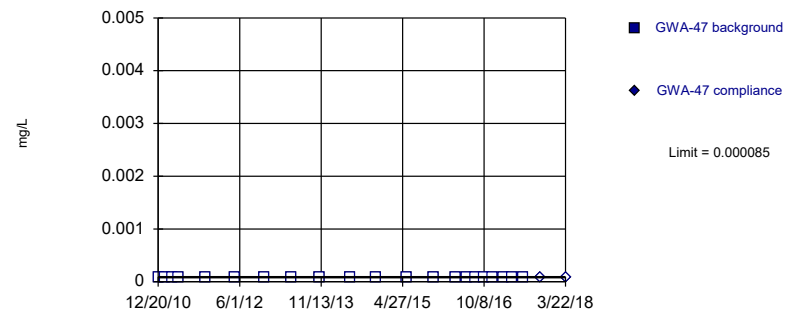


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

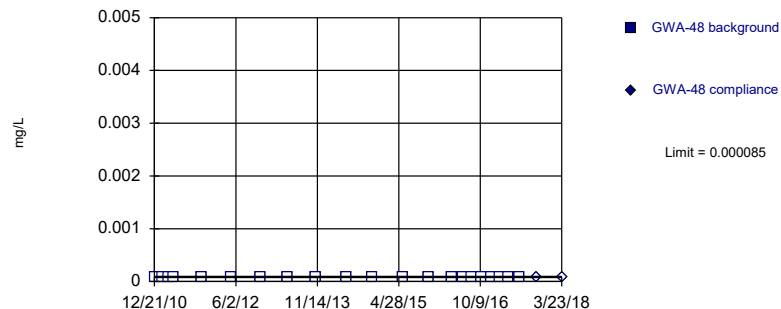


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

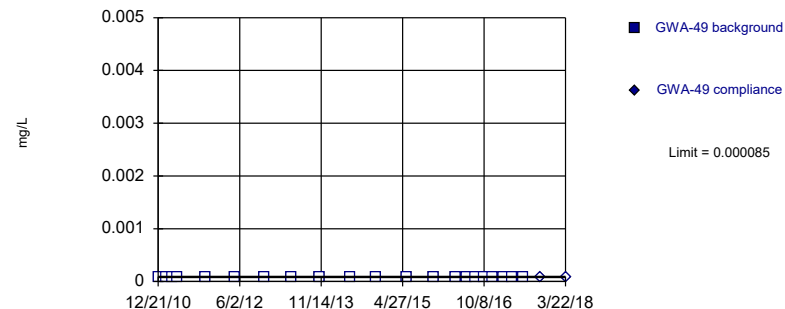


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

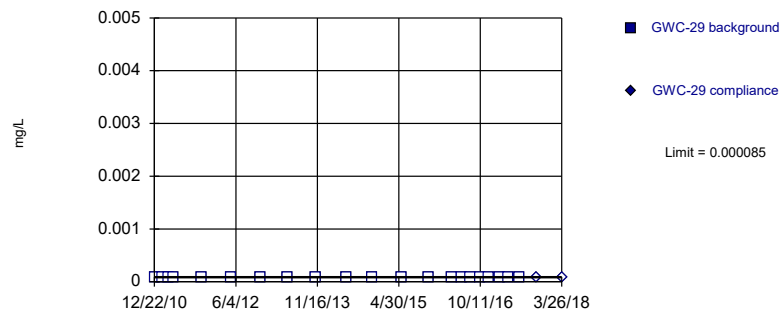


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

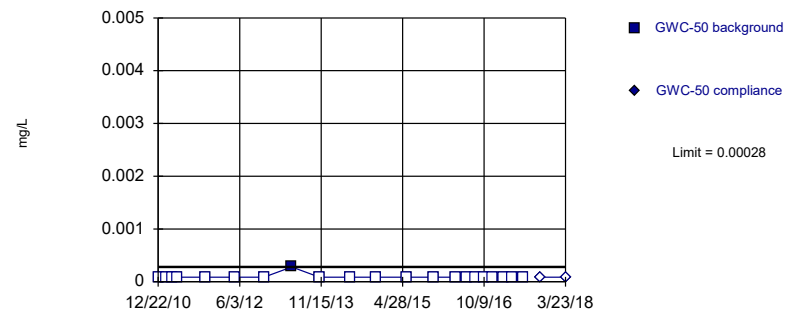


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

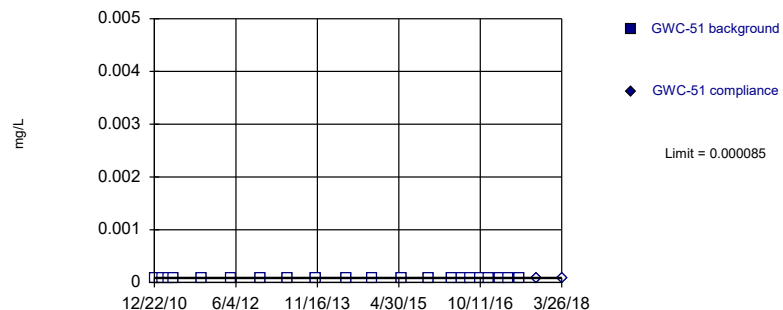


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

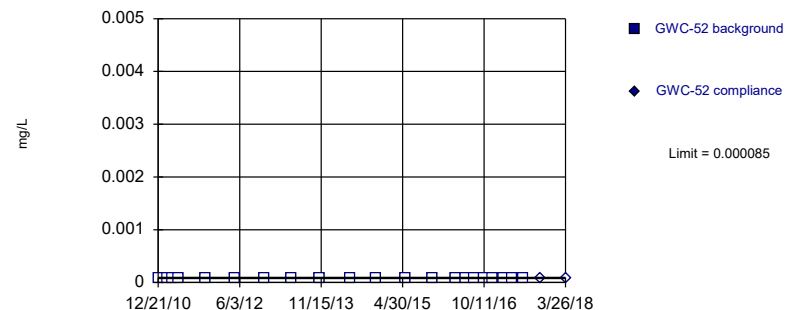


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



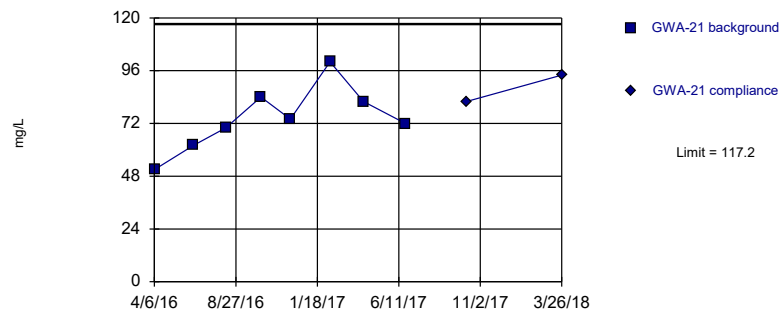
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



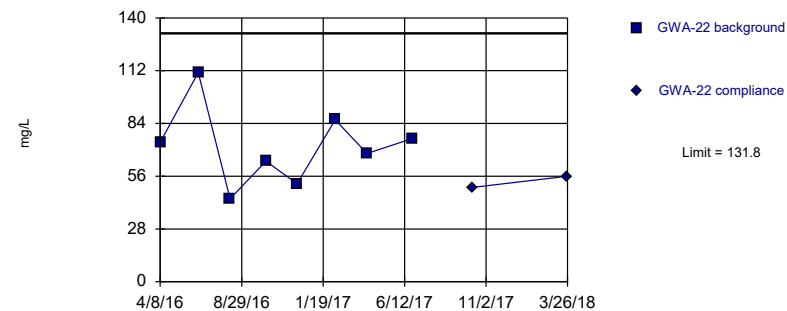
Background Data Summary: Mean=74.38, Std. Dev.=14.79, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9837, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



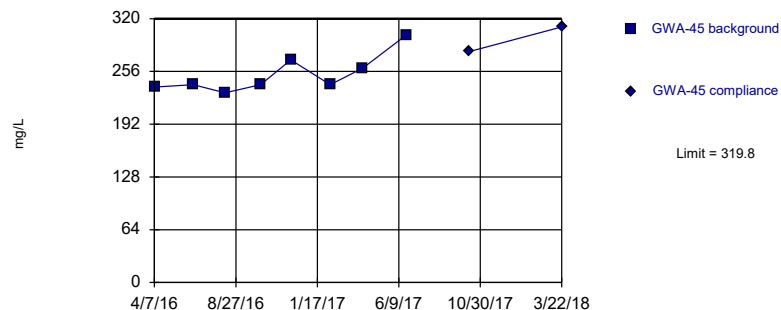
Background Data Summary: Mean=71.88, Std. Dev.=20.7, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=252.1, Std. Dev.=23.4, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8267, critical = 0.749. Kappa overridden to 2.894.

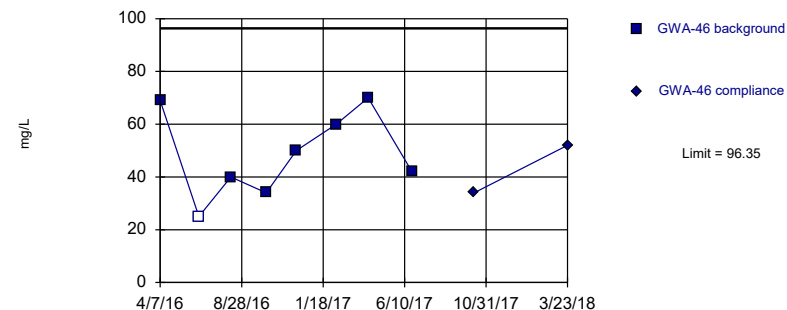
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



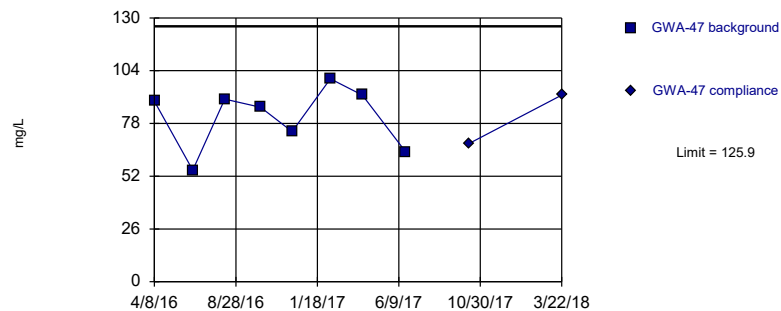
Background Data Summary: Mean=48.75, Std. Dev.=16.45, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



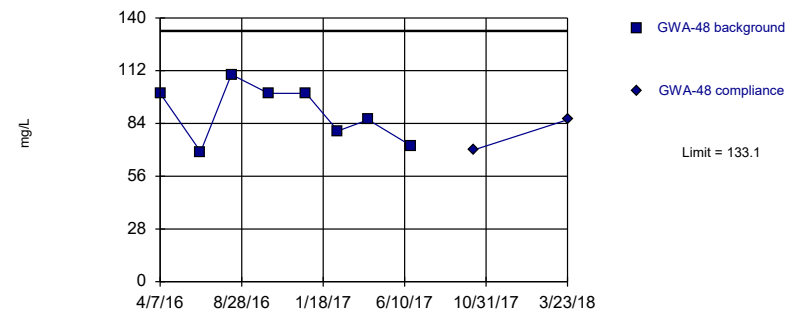
Background Data Summary: Mean=81.25, Std. Dev.=15.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9156, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



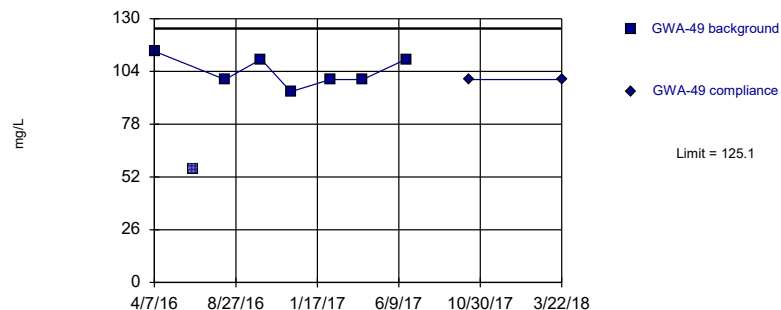
Background Data Summary: Mean=89.63, Std. Dev.=15.02, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



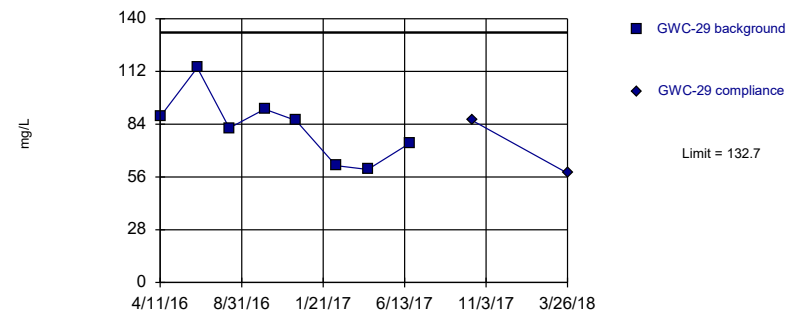
Background Data Summary: Mean=104, Std. Dev.=7.303, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8923, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



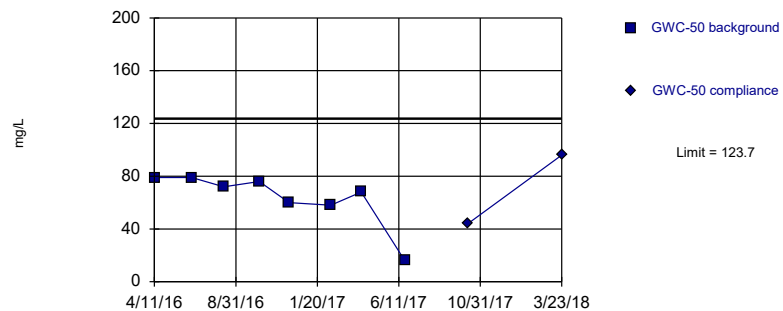
Background Data Summary: Mean=82.25, Std. Dev.=17.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



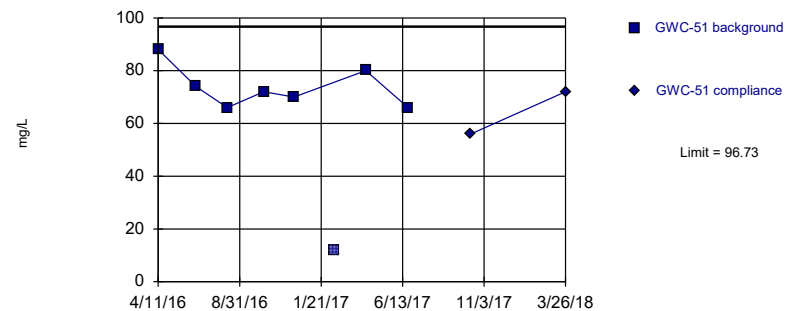
Background Data Summary: Mean=63.5, Std. Dev.=20.8, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7541, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



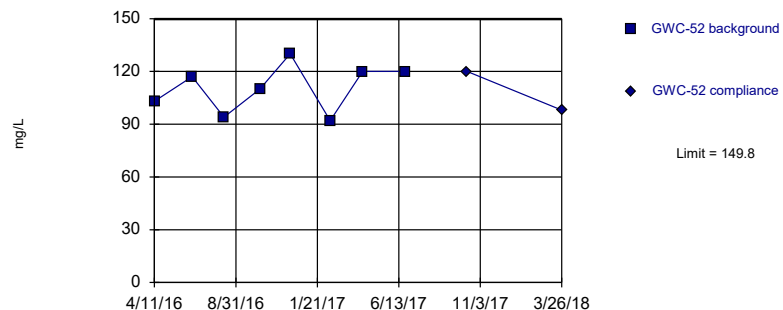
Background Data Summary: Mean=73.71, Std. Dev.=7.952, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9036, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=110.8, Std. Dev.=13.49, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.749. Kappa overridden to 2.894.

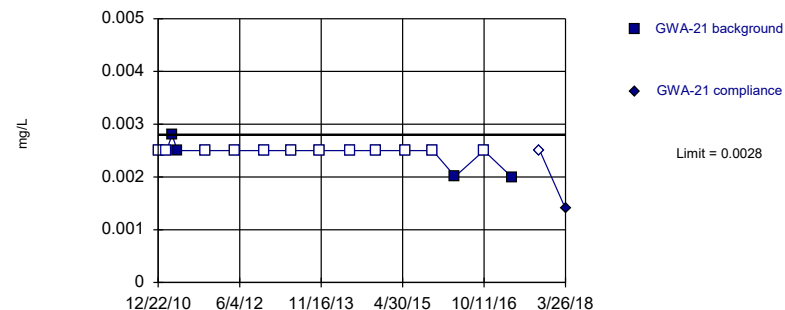
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

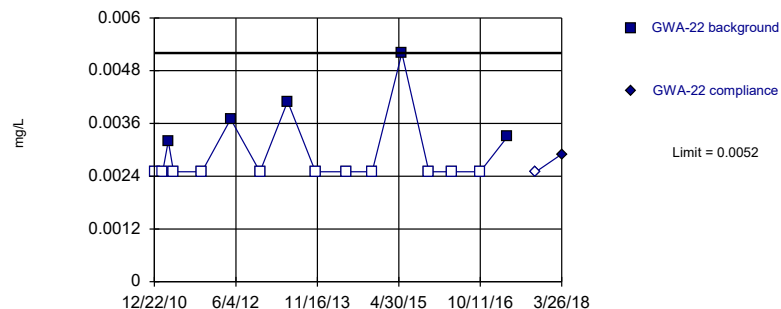


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

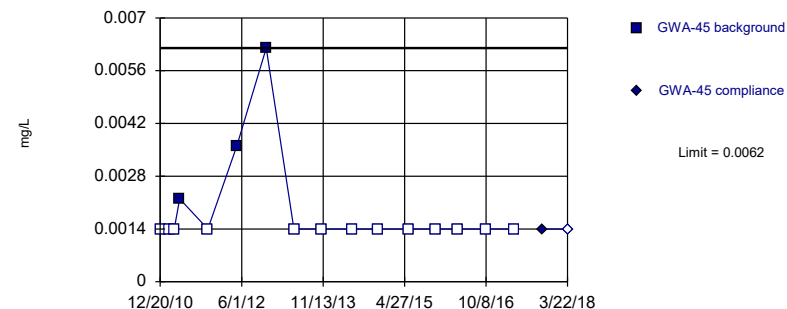


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

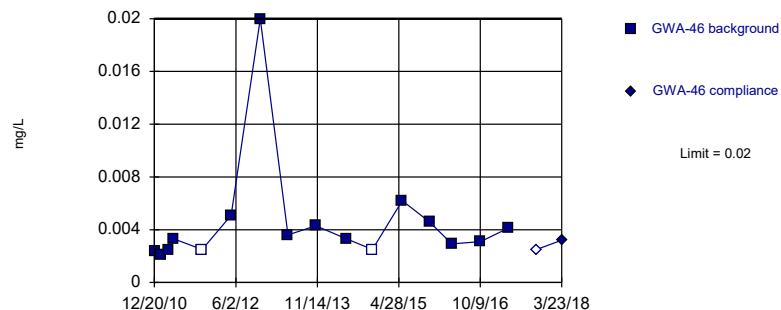


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

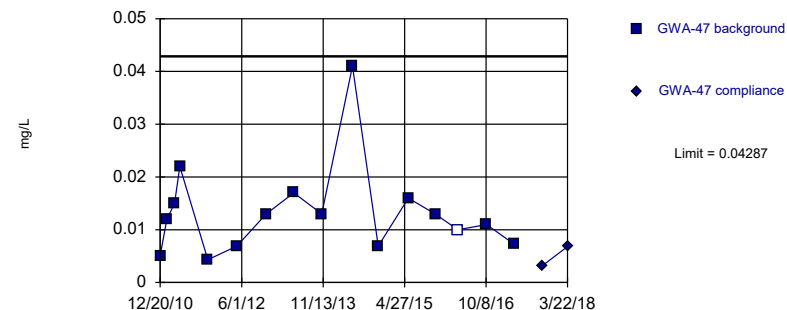


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



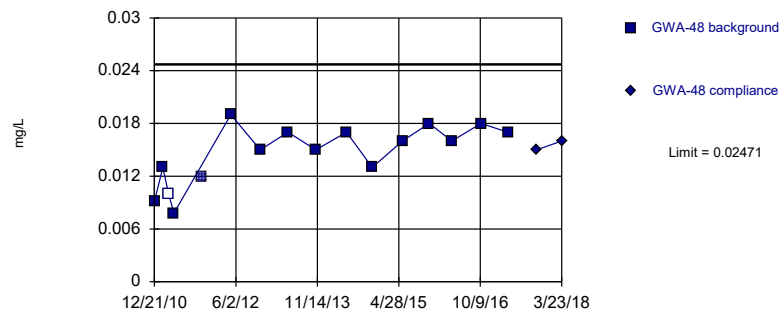
Background Data Summary (based on square root transformation): Mean=0.1109, Std. Dev.=0.03321, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric

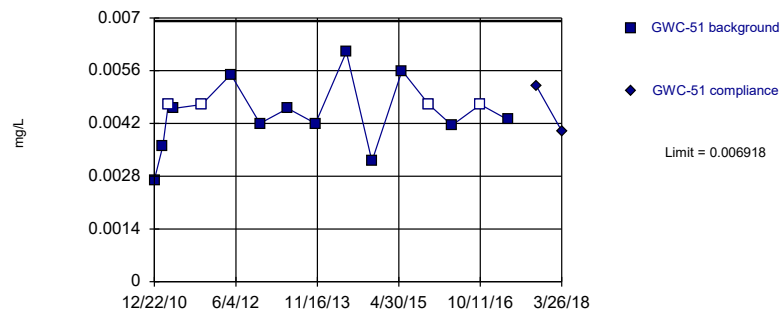


Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004128, Std. Dev.=0.0009643, n=16, 25%
NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.953, critical = 0.844. Kappa overridden to 2.894.

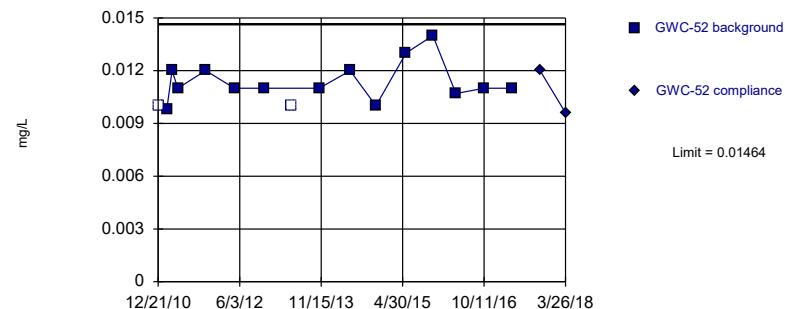
Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01139, Std. Dev.=0.001122, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.825. Kappa overridden to 2.894.

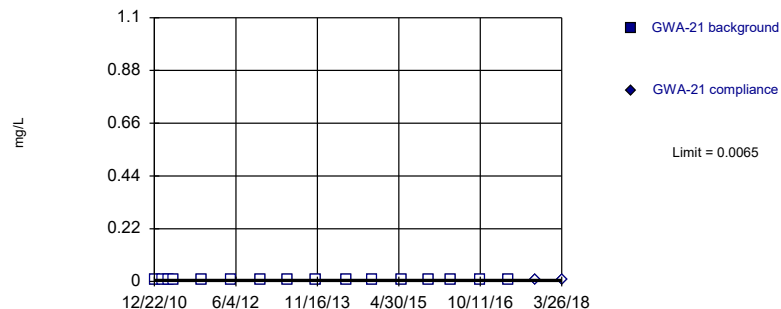
Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

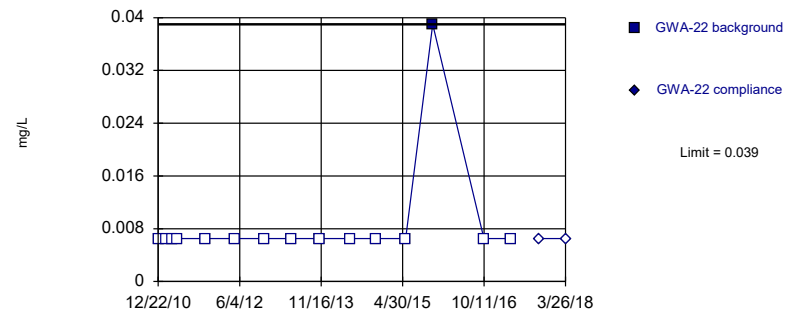
Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

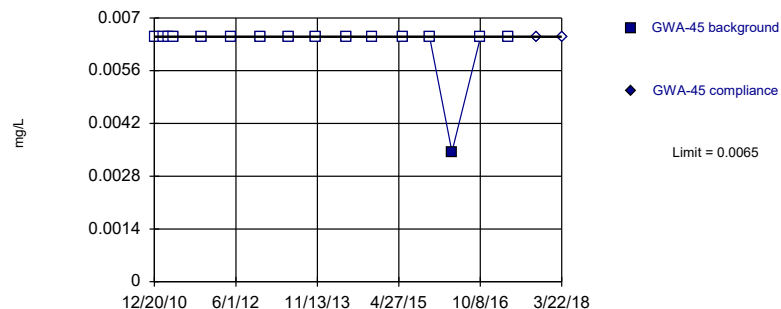


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

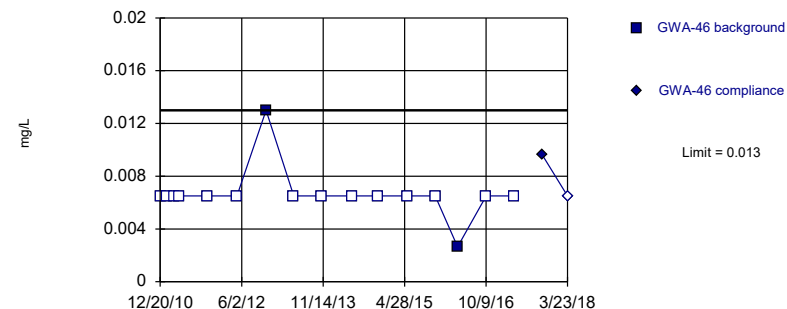


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

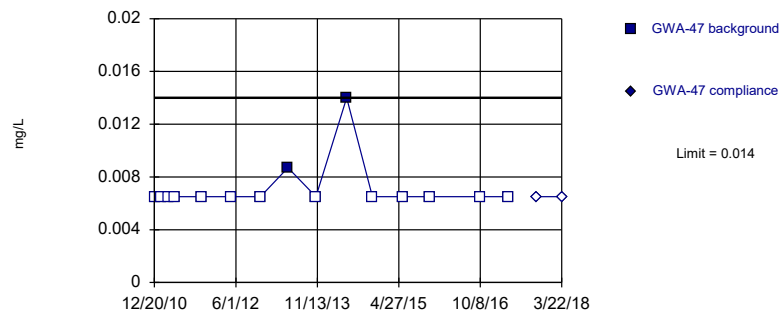


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

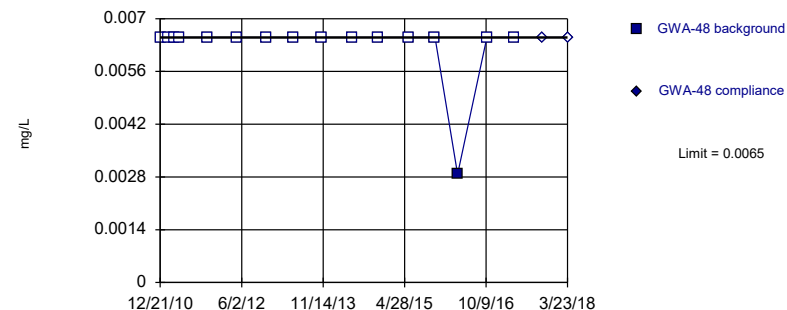


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

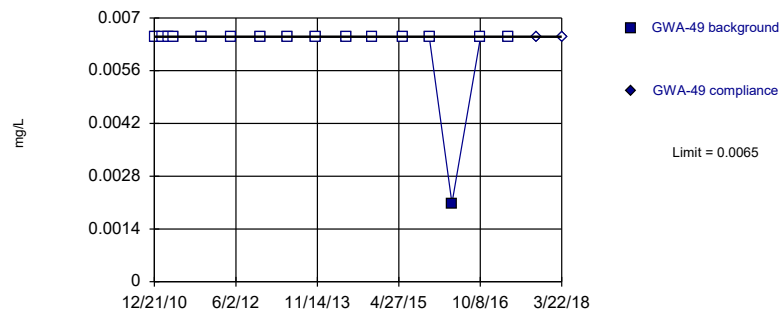


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

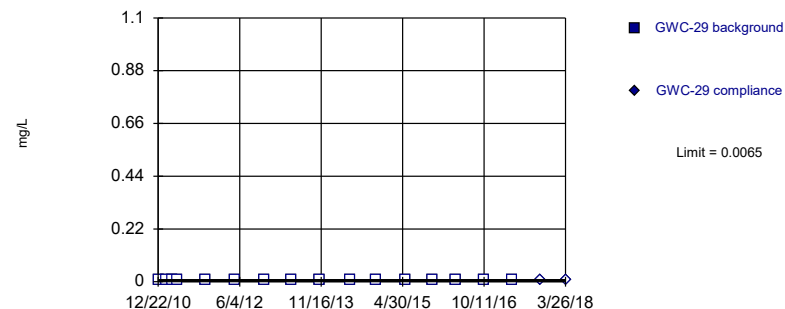


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

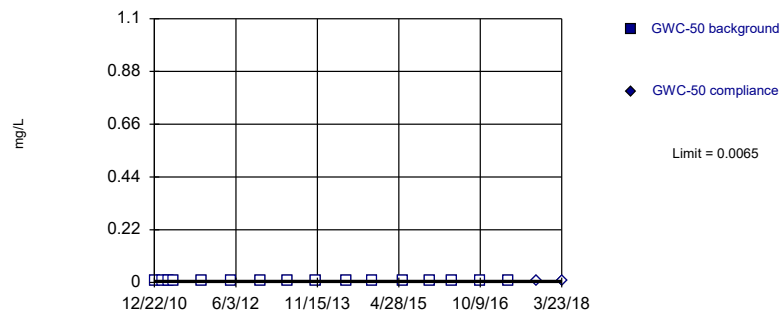


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

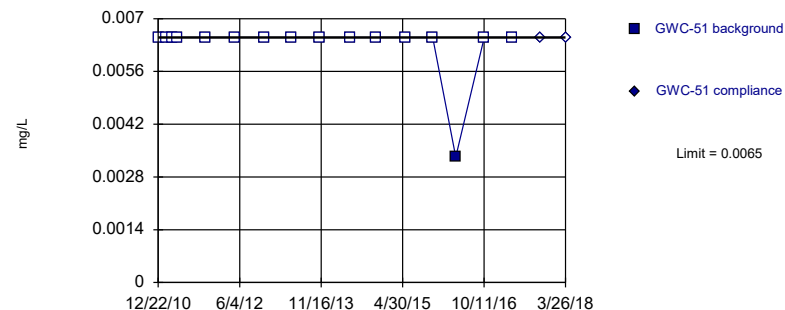


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Prediction Limit

mg/L

0.007
0.0056
0.0042
0.0028
0.0014
0

12/21/10 6/3/12 11/15/13 4/30/15 10/11/16 3/26/18

■ GWC-52 background
◆ GWC-52 compliance

Limit = 0.0065

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-21	0.001	n/a	3/26/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-22	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-45	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-46	0.001	n/a	3/23/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-47	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-48	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-49	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-29	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-50	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-51	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-52	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-53	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-21	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-22	0.00046	n/a	3/26/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-45	0.00046	n/a	3/22/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-46	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.00046	n/a	3/22/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.00053	n/a	3/22/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.00052	n/a	3/23/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-51	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	3/26/2018	0.00046ND	No	19	94.74	n/a	0.004832	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.03102	n/a	3/26/2018	0.026	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.03251	n/a	3/26/2018	0.022	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.06131	n/a	3/22/2018	0.0495	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02254	n/a	3/23/2018	0.02	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.088	n/a	3/22/2018	0.024	No	21	0	n/a	0.003999	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-48	0.031	n/a	3/23/2018	0.012	No	19	0	n/a	0.004832	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-49	0.02333	n/a	3/22/2018	0.018	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01891	n/a	3/26/2018	0.015	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.01518	n/a	3/23/2018	0.011	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-51	0.0129	n/a	3/26/2018	0.0094	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01498	n/a	3/26/2018	0.013	No	20	0	x^2	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.1344	n/a	3/26/2018	0.05	No	21	9.524	No	0.000458	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-47	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-21	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-45	1.032	n/a	3/22/2018	0.66	No	8	0	No	0.000458	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.021	n/a	3/22/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.12	n/a	3/26/2018	0.91	No	8	0	No	0.000458	Param Intra 1 of 2
Cadmium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0016	n/a	3/22/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-21	12.64	n/a	3/26/2018	9.3	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.757	n/a	3/26/2018	8.7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	47.03	n/a	3/22/2018	39	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.155	n/a	3/23/2018	6.6	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.37	n/a	3/22/2018	11	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.7	n/a	3/23/2018	13	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	14.2	n/a	3/22/2018	14	No	7	0	n/a	0.02765	NP Intra (normality) ...
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.352	n/a	3/23/2018	7.5	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.174	n/a	3/26/2018	7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Calcium (mg/L)	GWC-53	21.11	n/a	3/26/2018	19	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.12	n/a	3/26/2018	3.8	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	6.389	n/a	3/26/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	11.24	n/a	3/22/2018	9.7	No	8	0	x^2	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.813	n/a	3/22/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	2.008	n/a	3/23/2018	1.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.536	n/a	3/22/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.329	n/a	3/26/2018	3.1	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.225	n/a	3/23/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.154	n/a	3/26/2018	6.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.927	n/a	3/26/2018	7.8	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-21	0.01153	n/a	3/26/2018	0.0011	No	21	19.05	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01316	n/a	3/26/2018	0.0088	No	20	5	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-45	0.0042	n/a	3/22/2018	0.0011ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-46	0.01059	n/a	3/23/2018	0.0045	No	21	4.762	ln(x)	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chromium, Total (mg/L)	GWA-47	0.07483	n/a	3/22/2018	0.0074	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-48	0.02881	n/a	3/23/2018	0.005	No	21	9.524	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-49	0.01171	n/a	3/22/2018	0.0051	No	21	4.762	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.01	n/a	3/26/2018	0.0013	No	20	45	n/a	0.004291	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-50	0.0119	n/a	3/23/2018	0.0042	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.01	n/a	3/26/2018	0.0028	No	21	14.29	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-52	0.01536	n/a	3/26/2018	0.012	No	21	4.762	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.01	n/a	3/26/2018	0.0014	No	20	40	n/a	0.004291	NP Intra (normality) ...
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	3/26/2018	0.00088	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0038	n/a	3/26/2018	0.0004ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01974	n/a	3/22/2018	0.0015	No	20	30	ln(x)	0.000458	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0004	n/a	3/23/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0048	n/a	3/22/2018	0.0004ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0039	n/a	3/23/2018	0.0004ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0004	n/a	3/22/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0004	n/a	3/23/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-52	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01731	n/a	3/26/2018	0.0069	No	21	9.524	No	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.078	n/a	3/26/2018	0.0021ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	3/22/2018	0.0021ND	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.06808	n/a	3/22/2018	0.0021ND	No	16	12.5	sqrt(x)	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-48	0.013	n/a	3/23/2018	0.0021ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Copper, Total (mg/L)	GWA-49	0.0021	n/a	3/22/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-29	0.0031	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.0031	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-52	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-53	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.082	n/a	3/22/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	3/23/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	3/22/2018	0.00035ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-46	0.0037	n/a	3/23/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	3/22/2018	0.00096	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	3/23/2018	0.00035ND	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-49	0.0062	n/a	3/22/2018	0.00035ND	No	21	57.14	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	3/23/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	3/26/2018	0.0034	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.0026	n/a	3/26/2018	0.00035ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.000081	n/a	3/22/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.000084	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	3/23/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-51	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.000082	n/a	3/26/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-53	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.003	n/a	3/26/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.0035	n/a	3/23/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	3/22/2018	0.0018ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Nickel, Total (mg/L)	GWA-48	0.0225	n/a	3/23/2018	0.0018ND	No	16	43.75	ln(x)	0.000458	Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-49	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	3/26/2018	0.0037	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	3/23/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	3/26/2018	0.0021	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-52	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008659	n/a	3/26/2018	0.0075	No	15	6.667	No	0.000458	Param Intra 1 of 2
pH (S.U.)	GWA-21	6.009	5.575	3/26/2018	5.76	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.351	5.483	3/26/2018	6.06	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.595	5.613	3/22/2018	6.2	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	3/23/2018	5.89	No	10	0	n/a	0.02952	NP Intra (normality) ...
pH (S.U.)	GWA-47	6.595	6.252	3/22/2018	6.46	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-48	7.013	6.451	3/23/2018	6.92	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.135	6.527	3/22/2018	7	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-29	5.925	5.673	3/26/2018	5.91	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-50	6.006	5.643	3/23/2018	5.98	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-51	8.36	5.76	3/26/2018	5.98	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-52	7.63	6.53	3/26/2018	6.77	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-53	7.725	5.48	3/26/2018	5.78	No	11	0	n/a	0.02553	NP Intra (normality) ...
Selenium, Total (mg/L)	GWA-21	0.0072	n/a	3/26/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.0093	n/a	3/22/2018	0.00024ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-46	0.00024	n/a	3/23/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.0064	n/a	3/22/2018	0.00024ND	No	20	90	n/a	0.004291	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.0077	n/a	3/23/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.0041	n/a	3/22/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.0044	n/a	3/26/2018	0.00024ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Selenium, Total (mg/L)	GWC-50	0.0042	n/a	3/23/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-51	0.00024	n/a	3/26/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.0067	n/a	3/26/2018	0.00024ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.0025	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-21	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-22	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-45	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-47	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-48	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-49	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-29	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-50	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-51	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-52	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-53	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	0.7	n/a	3/26/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	192.8	n/a	3/22/2018	150	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	0.7	n/a	3/23/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	0.7	n/a	3/22/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.756	n/a	3/23/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	0.7	n/a	3/22/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	2.954	n/a	3/26/2018	2.4	No	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	0.7	n/a	3/23/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	0.7	n/a	3/26/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	178.5	n/a	3/26/2018	160	No	8	0	No	0.000458	Param Intra 1 of 2
Thallium, Total (mg/L)	GWA-21	0.00048	n/a	3/26/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.00086	n/a	3/26/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.00032	n/a	3/22/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-46	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-47	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-49	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-29	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.00028	n/a	3/23/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-52	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-53	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	117.2	n/a	3/26/2018	94	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	131.8	n/a	3/26/2018	56	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	319.8	n/a	3/22/2018	310	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	96.35	n/a	3/23/2018	52	No	8	12.5	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	125.9	n/a	3/22/2018	92	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	133.1	n/a	3/23/2018	86	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	125.1	n/a	3/22/2018	100	No	7	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	132.7	n/a	3/26/2018	58	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	123.7	n/a	3/23/2018	96	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	96.73	n/a	3/26/2018	72	No	7	0	No	0.000458	Param Intra 1 of 2

Prediction Limit

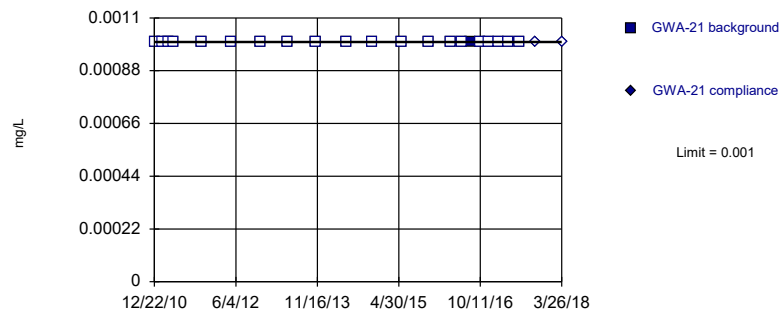
Page 6

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWC-52	149.8	n/a	3/26/2018	98	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	293.1	n/a	3/26/2018	240	No	8	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0014	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	3/26/2018	0.0029	No	16	68.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0062	n/a	3/22/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.02	n/a	3/23/2018	0.0032	No	16	12.5	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWA-47	0.04287	n/a	3/22/2018	0.0068	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02471	n/a	3/23/2018	0.016	No	15	6.667	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02405	n/a	3/22/2018	0.018	No	16	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.009002	n/a	3/26/2018	0.0037	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.0044	n/a	3/23/2018	0.0023	No	16	43.75	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWC-51	0.006918	n/a	3/26/2018	0.004	No	16	25	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-52	0.01464	n/a	3/26/2018	0.0096	No	14	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0136	n/a	3/26/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.039	n/a	3/26/2018	0.0065ND	No	15	93.33	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.013	n/a	3/23/2018	0.0065ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.014	n/a	3/22/2018	0.0065ND	No	15	86.67	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.0065	n/a	3/23/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0065	n/a	3/23/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.01959	n/a	3/26/2018	0.016	No	15	0	No	0.000458	Param Intra 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

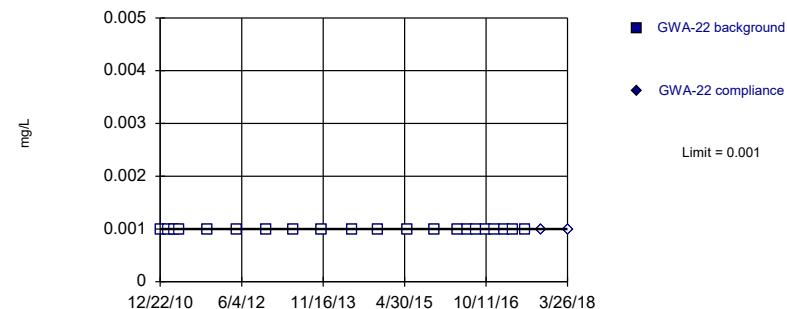


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

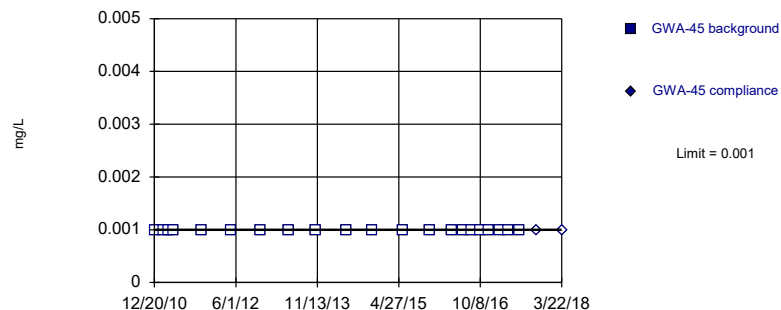


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

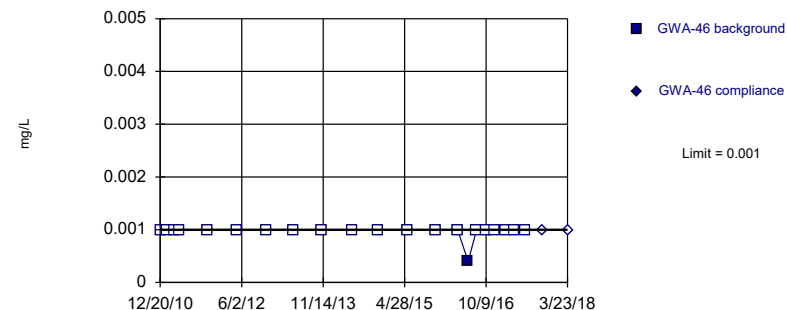


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

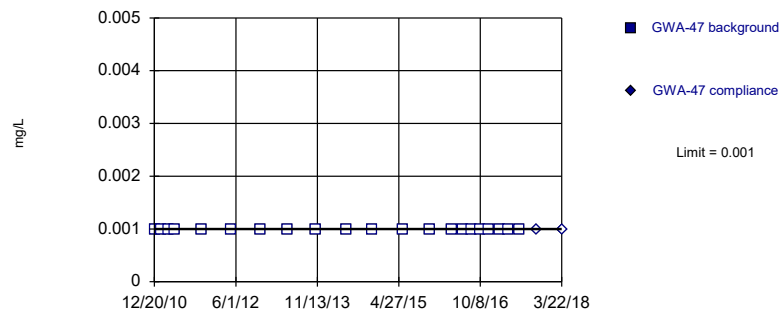


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

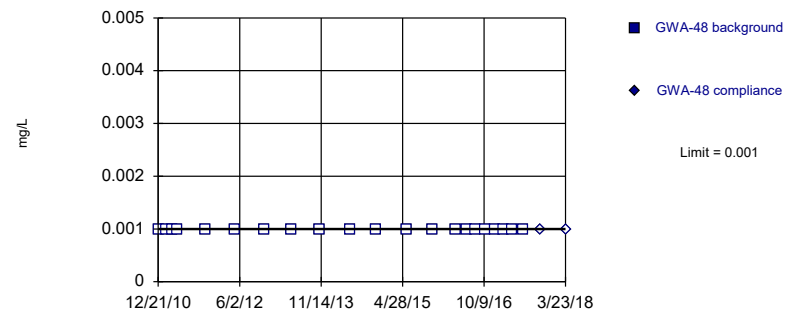


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

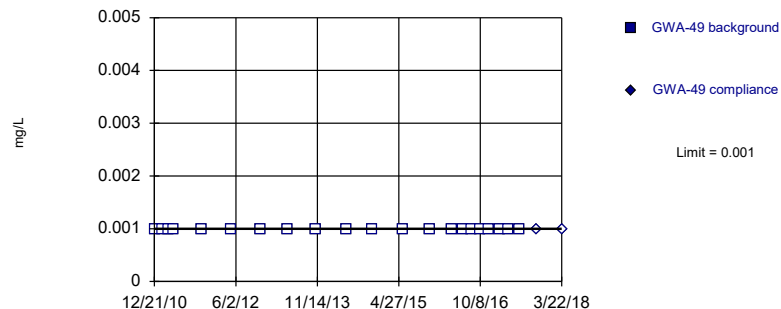


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

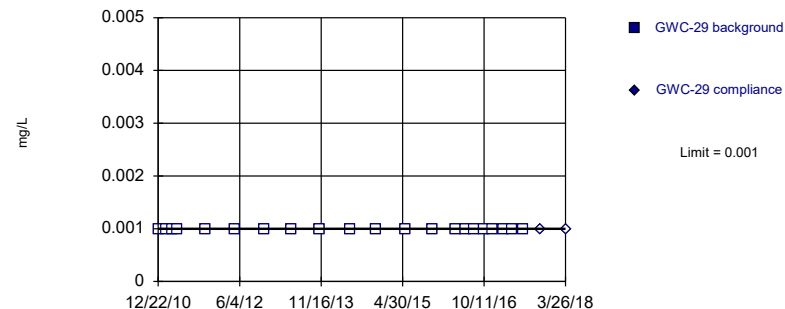


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

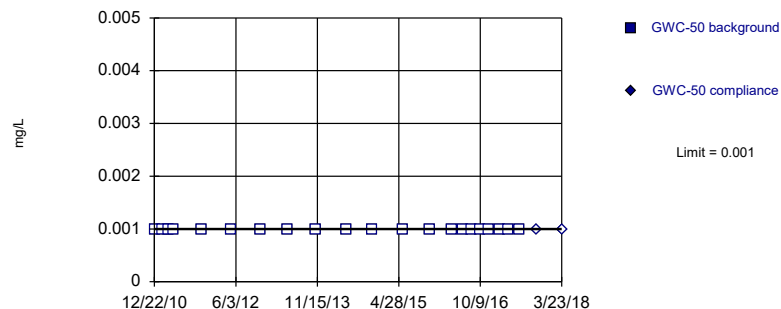


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

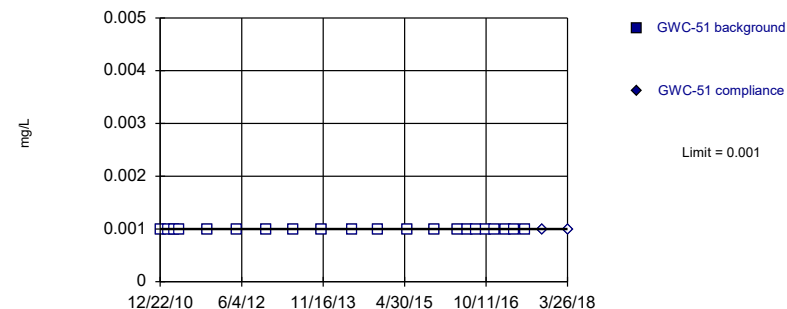


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

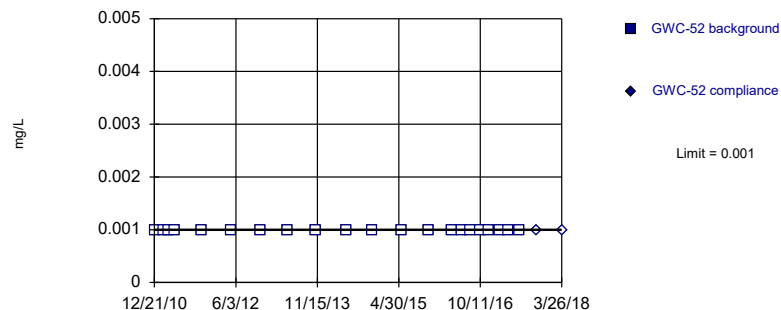


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

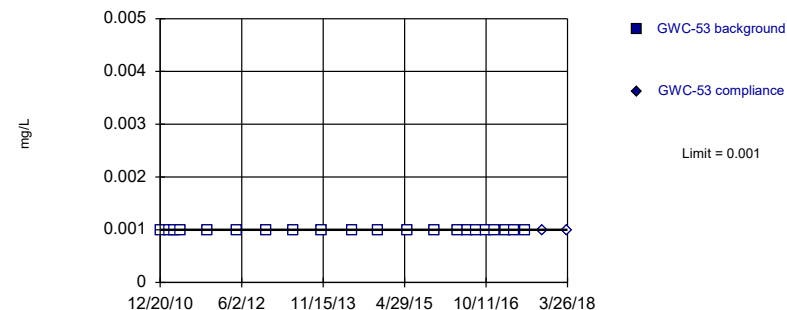


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

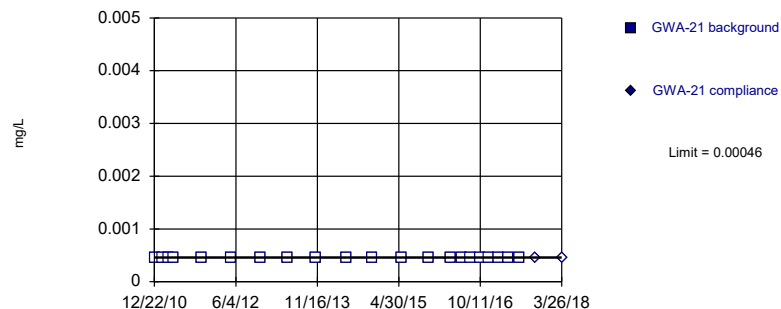


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

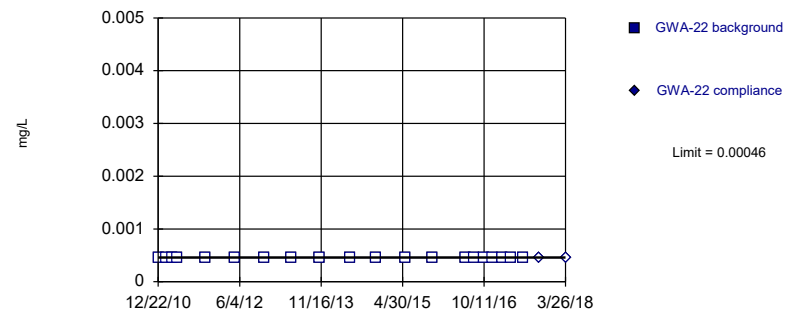


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

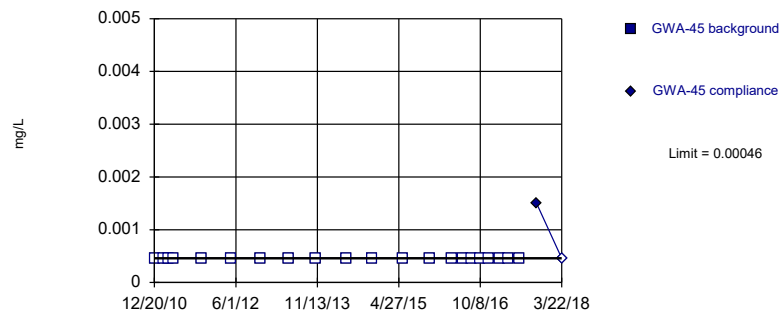


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

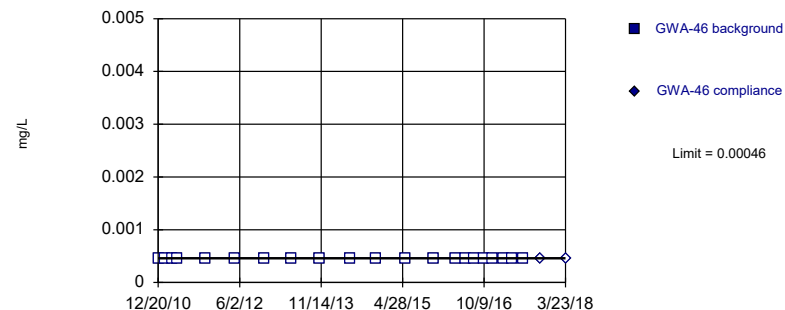


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

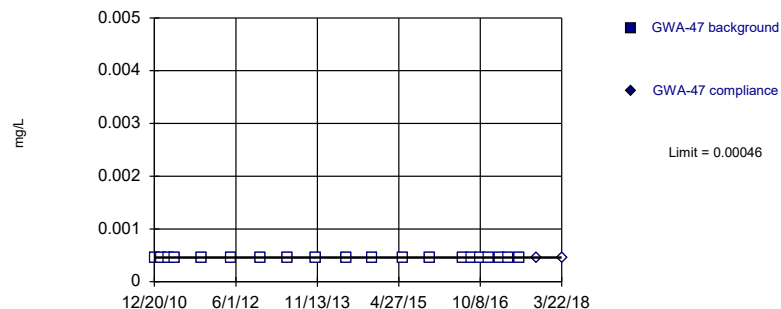


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

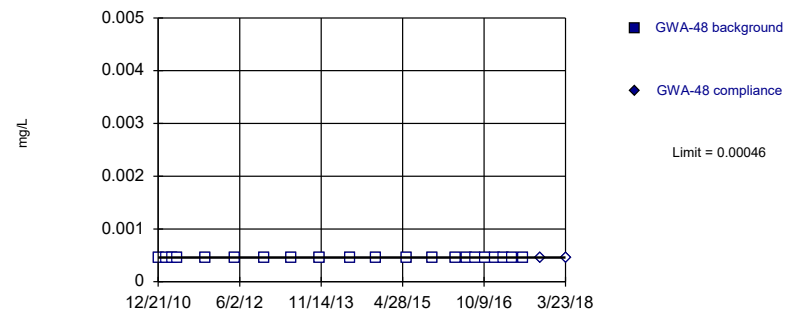


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

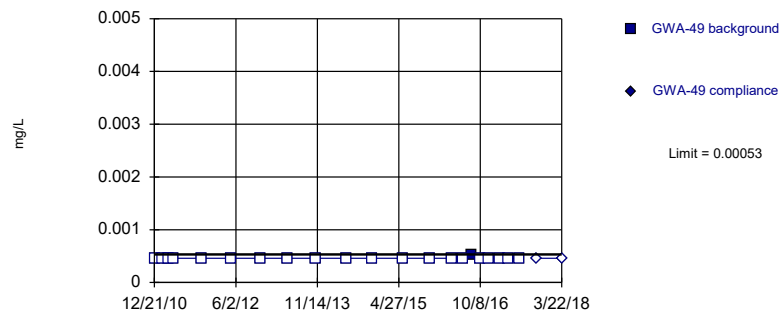


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

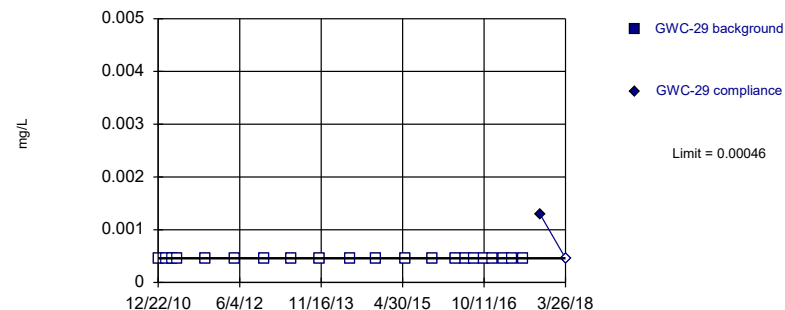


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

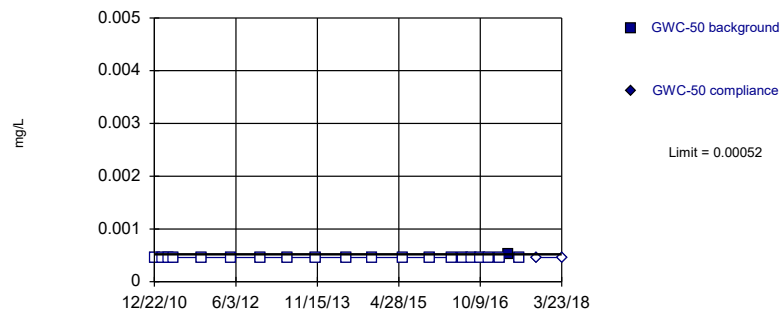


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

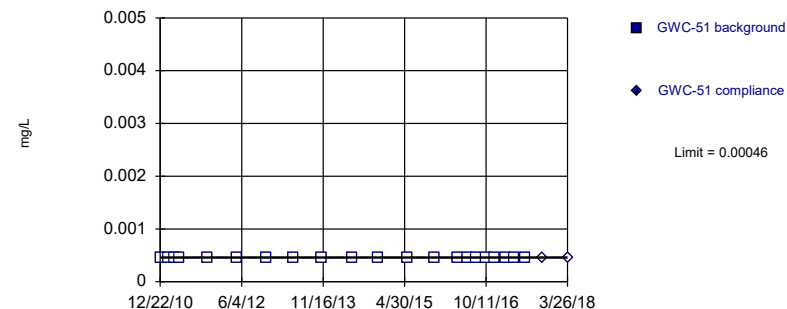


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

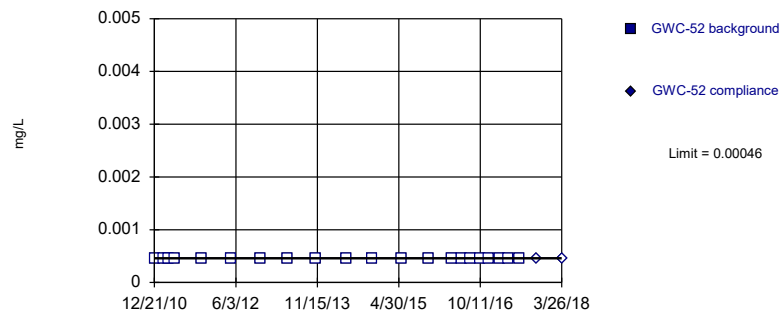


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

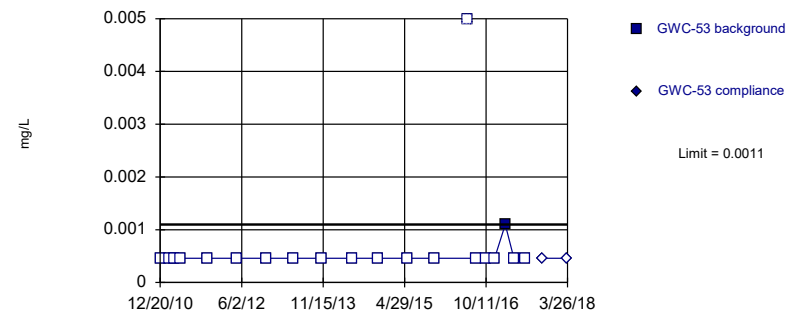


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



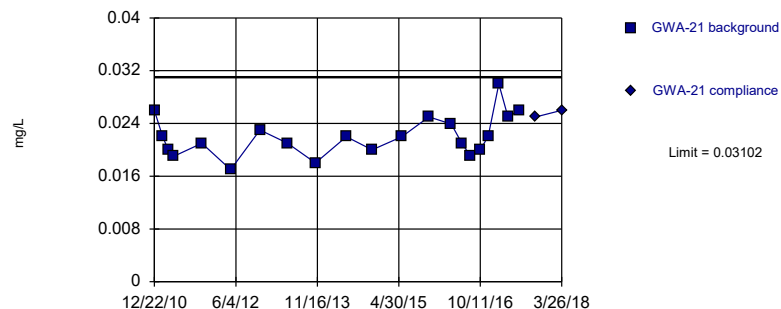
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



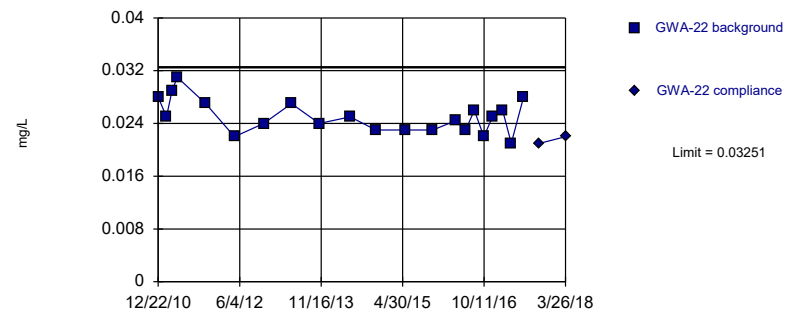
Background Data Summary: Mean=0.02204, Std. Dev.=0.003103, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9549, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



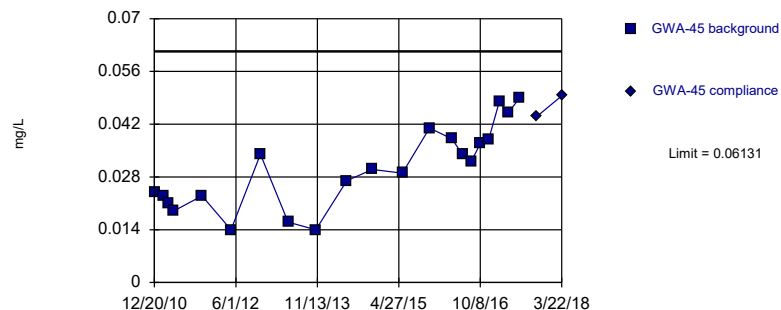
Background Data Summary: Mean=0.02507, Std. Dev.=0.002572, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9637, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



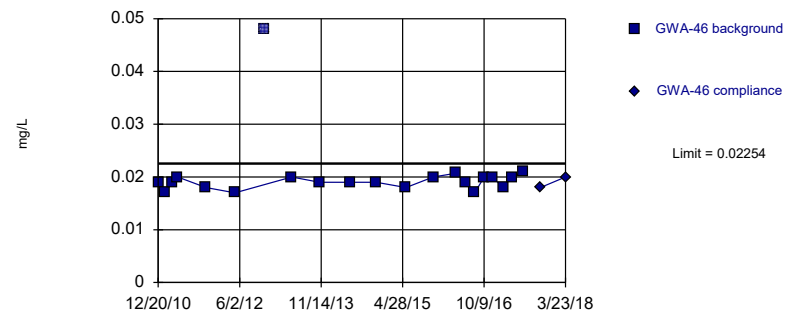
Background Data Summary: Mean=0.03029, Std. Dev.=0.01072, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric

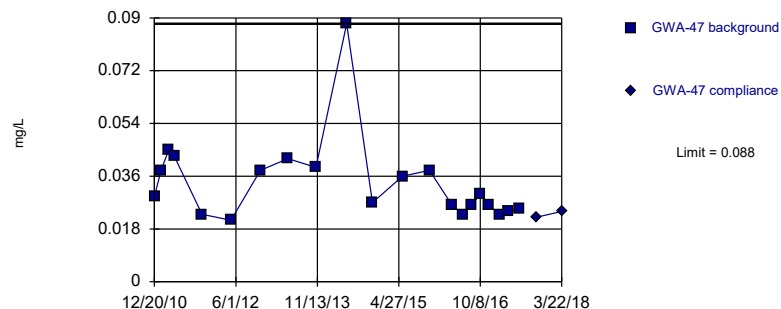


Background Data Summary: Mean=0.01904, Std. Dev.=0.001211, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

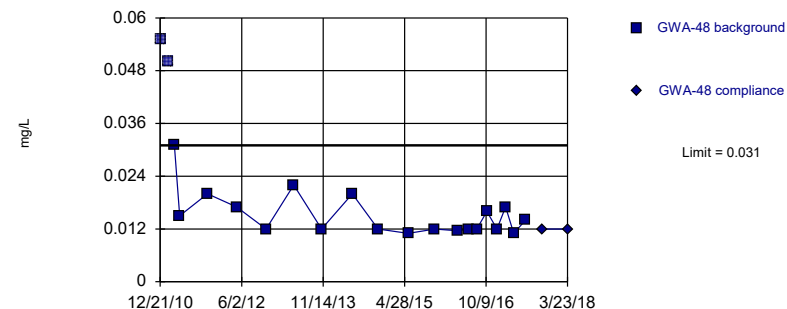


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

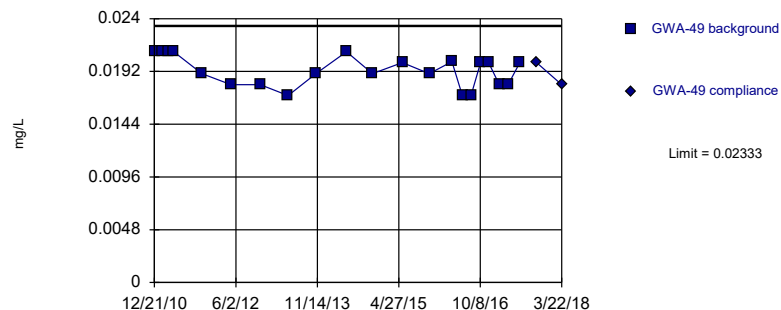


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

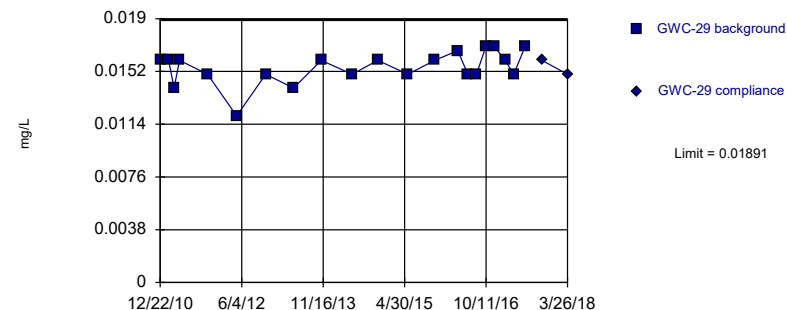


Background Data Summary: Mean=0.01924, Std. Dev.=0.001414, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



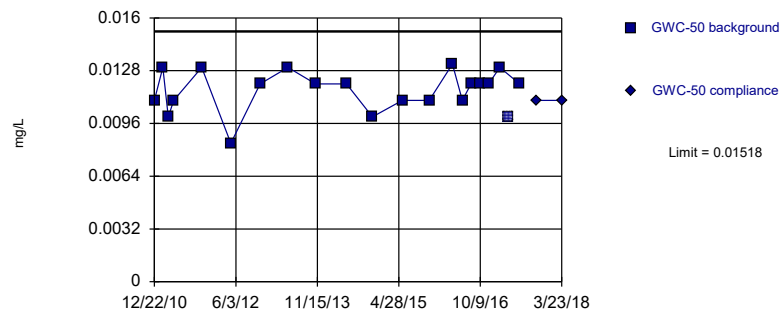
Background Data Summary: Mean=0.01546, Std. Dev.=0.001192, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8775, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



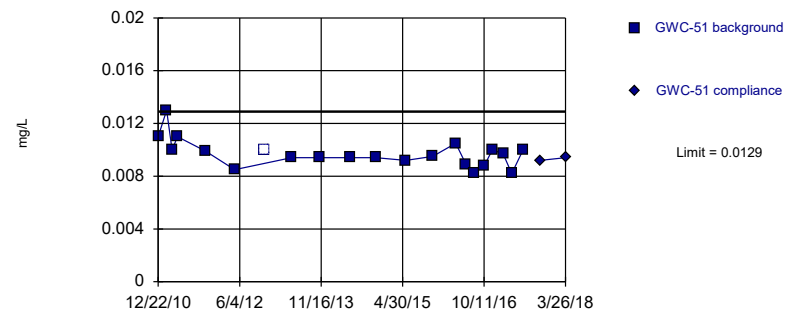
Background Data Summary: Mean=0.01163, Std. Dev.=0.001228, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



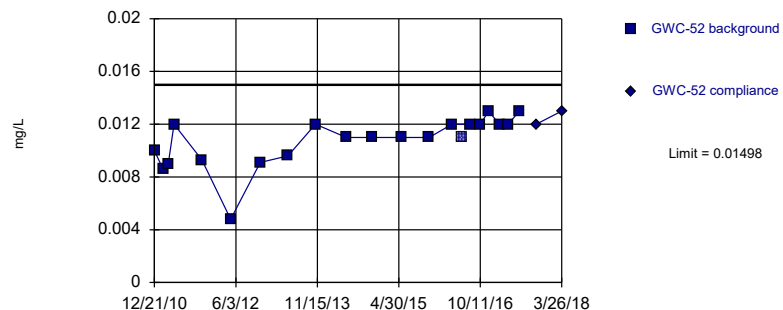
Background Data Summary: Mean=0.0097, Std. Dev.=0.001106, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8978, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001185, Std. Dev.=0.00003665, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.908, critical = 0.868. Kappa overridden to 2.894.

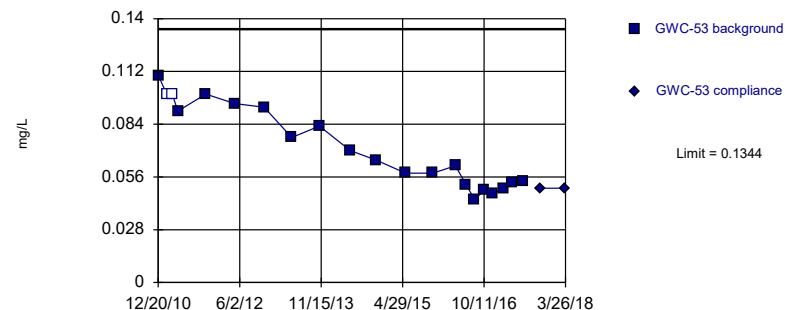
Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric

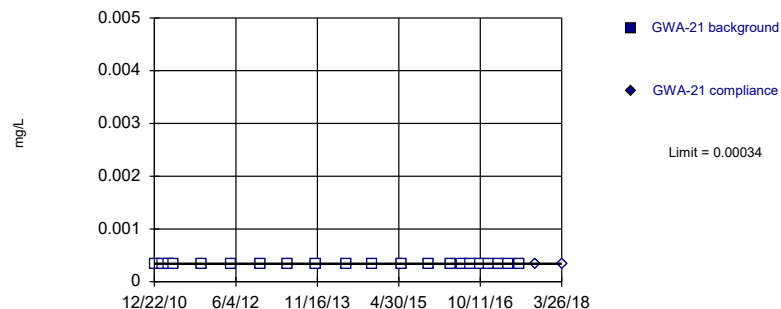


Background Data Summary: Mean=0.07195, Std. Dev.=0.0216, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8996, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

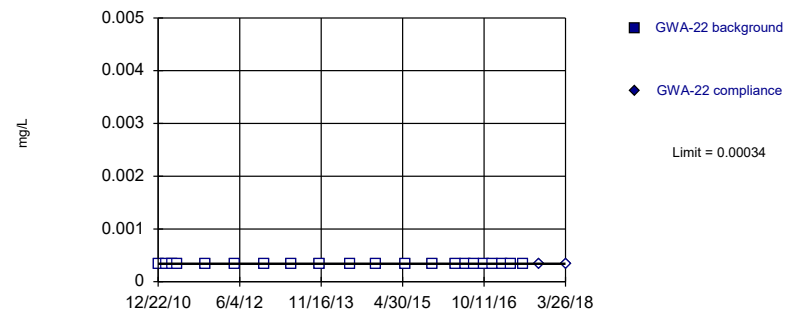


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

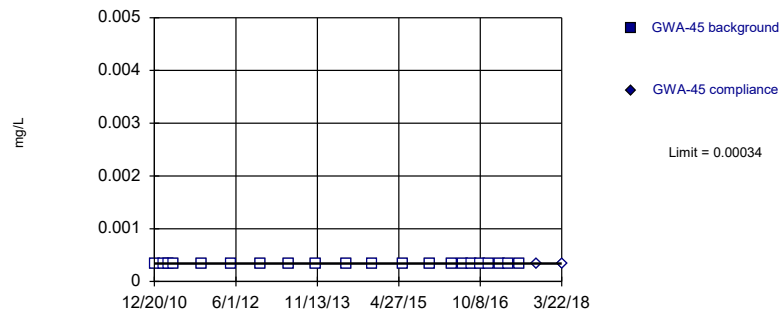


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

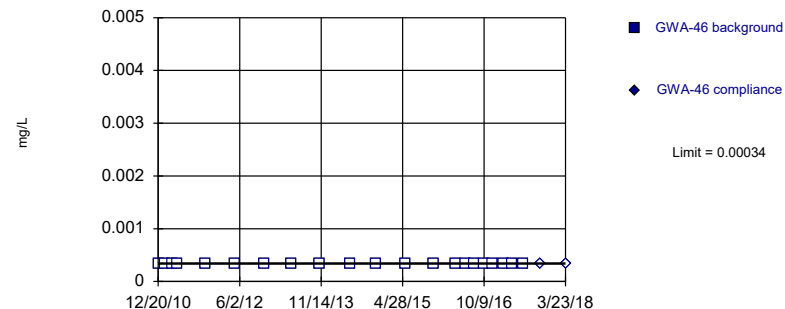


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

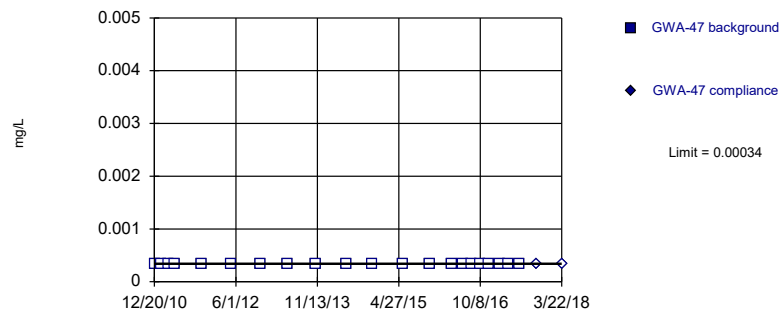


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

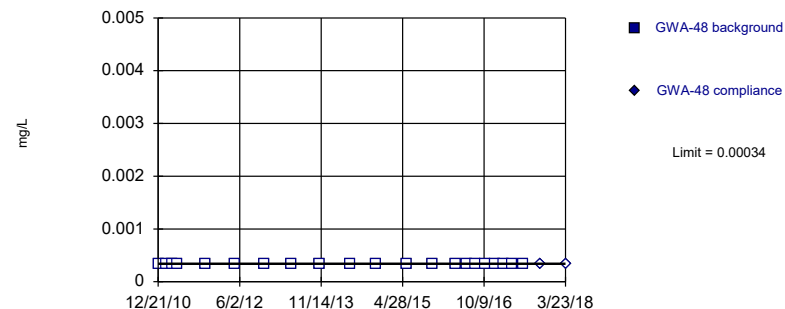


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

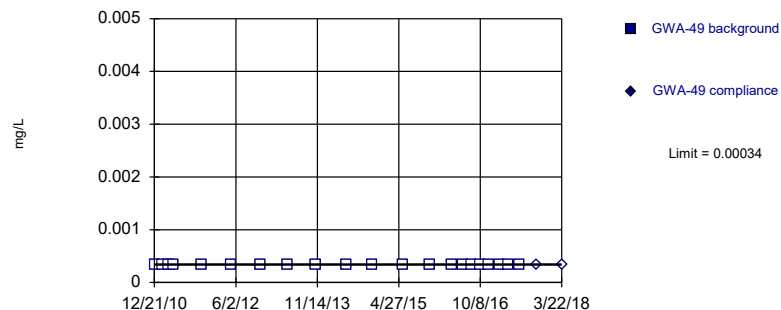


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

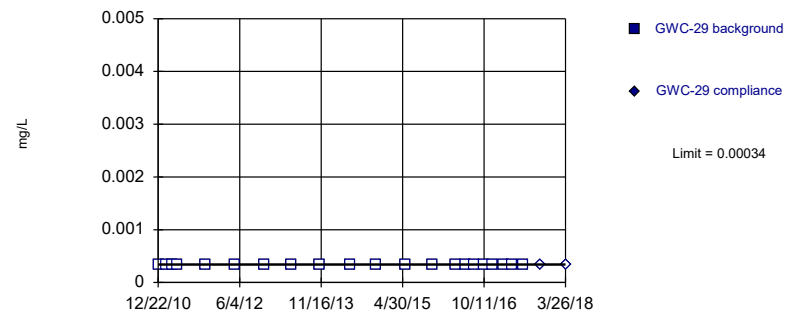


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

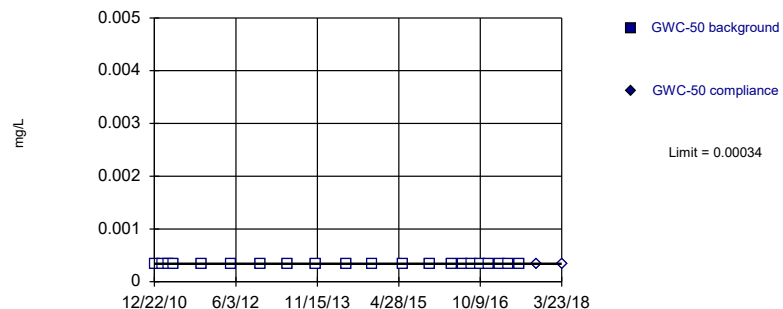


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

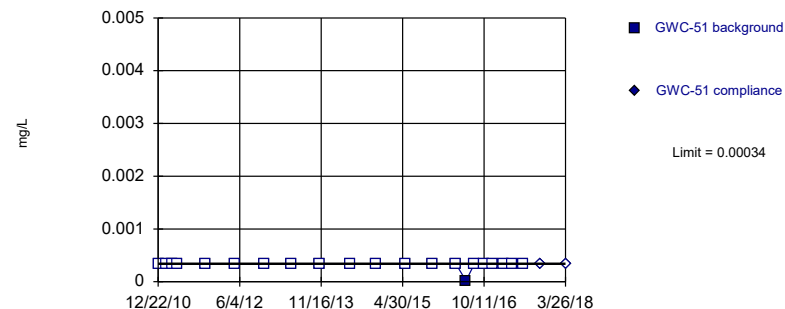


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

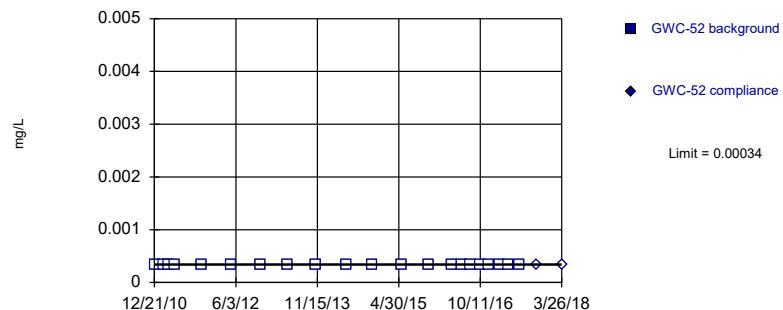


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

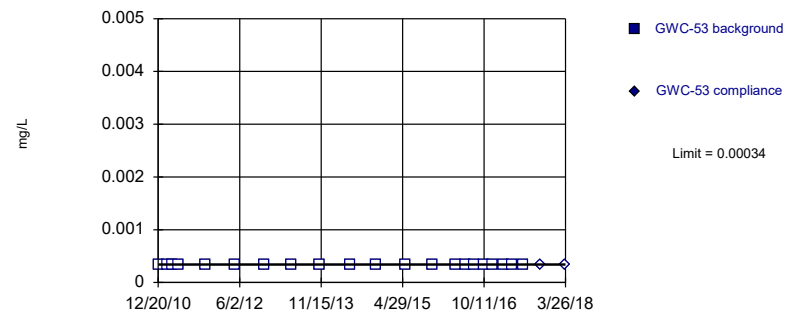


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

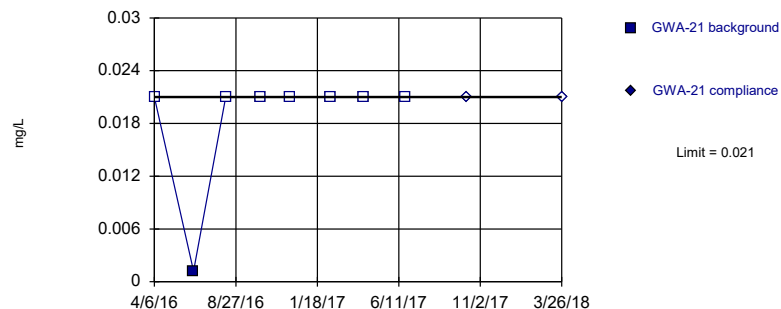


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

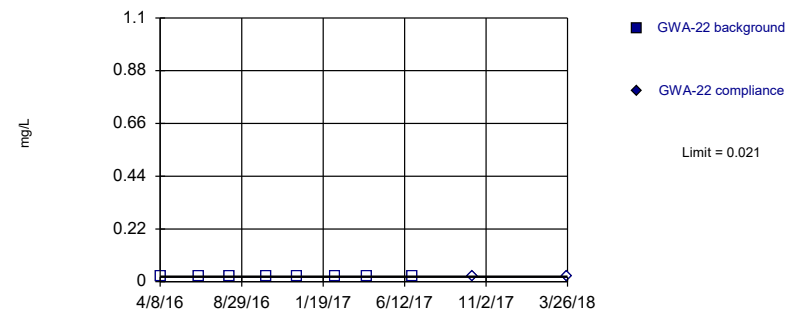


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

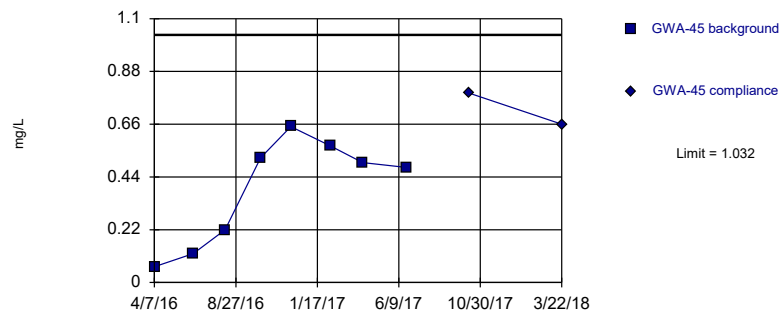


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

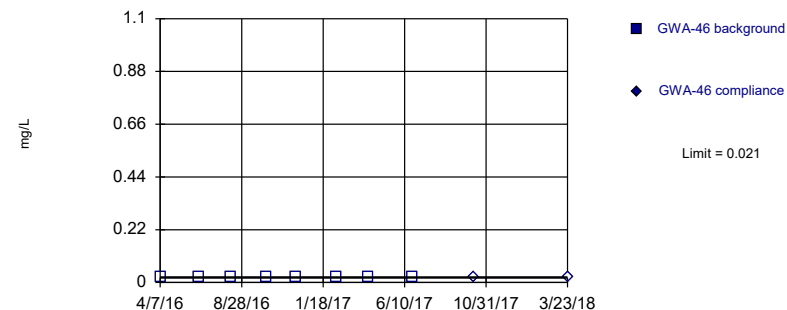


Background Data Summary: Mean=0.3907, Std. Dev.=0.2217, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

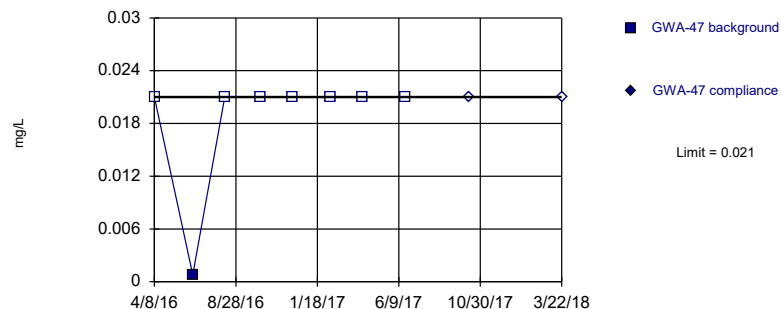


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

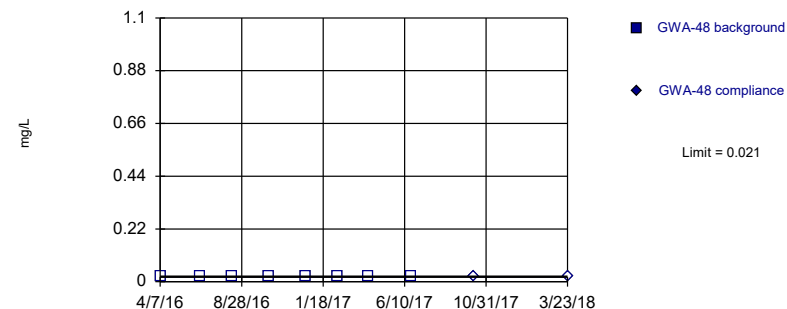


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

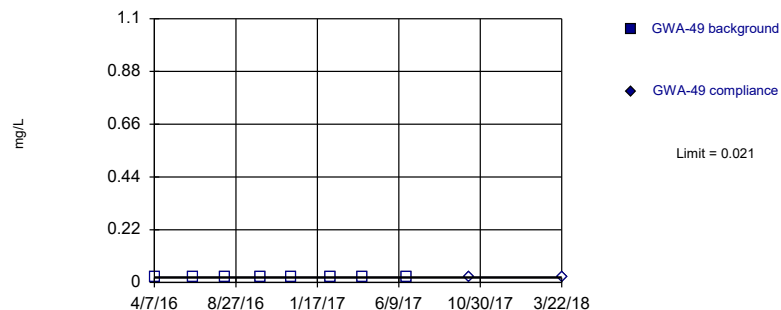


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

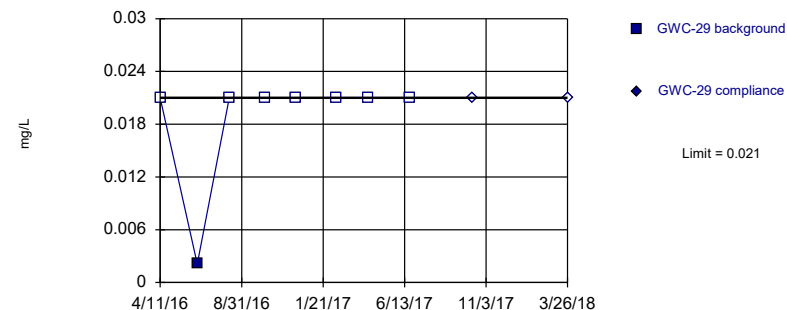


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

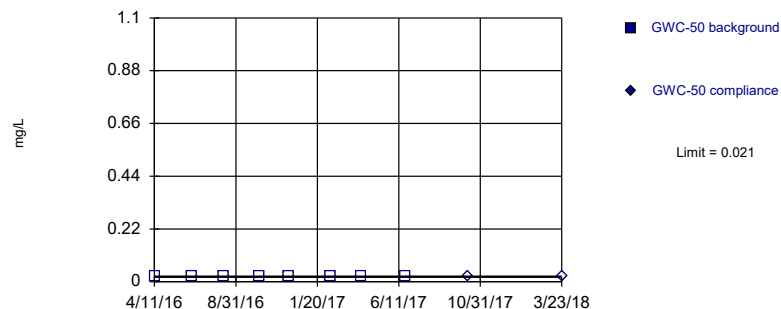


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

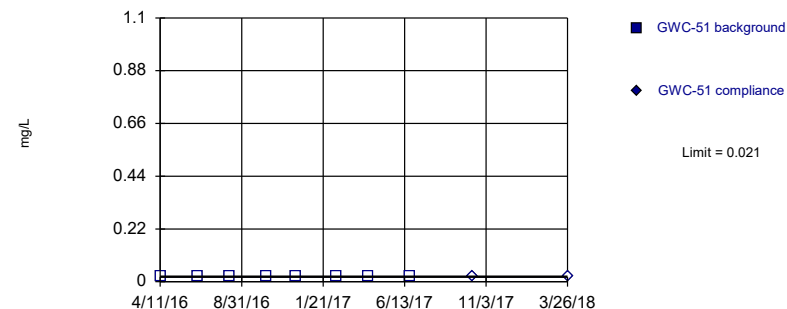


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

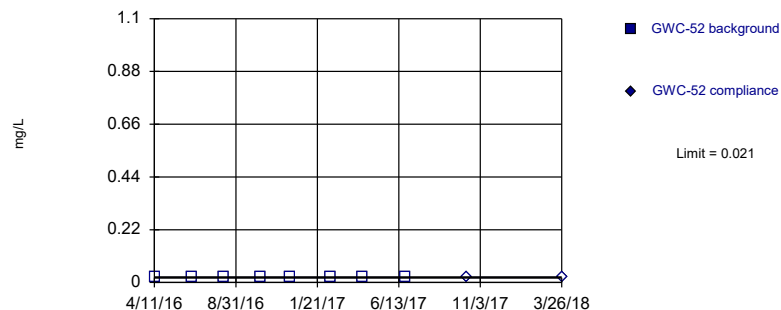


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

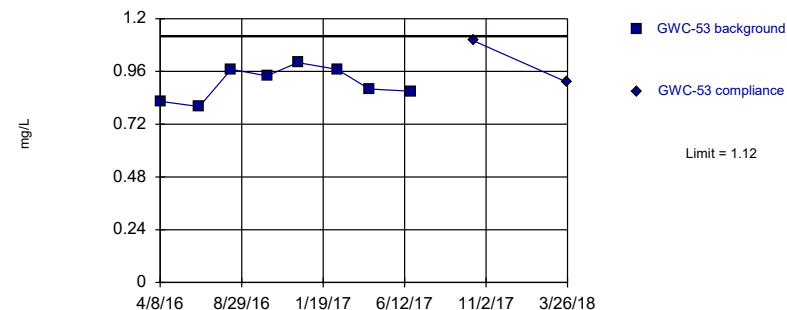


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

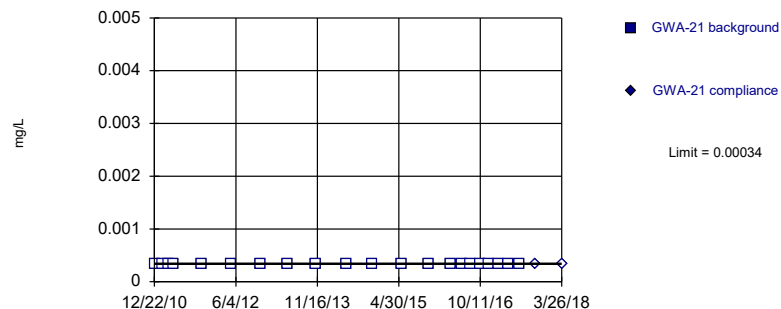


Background Data Summary: Mean=0.9068, Std. Dev.=0.07379, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9277, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

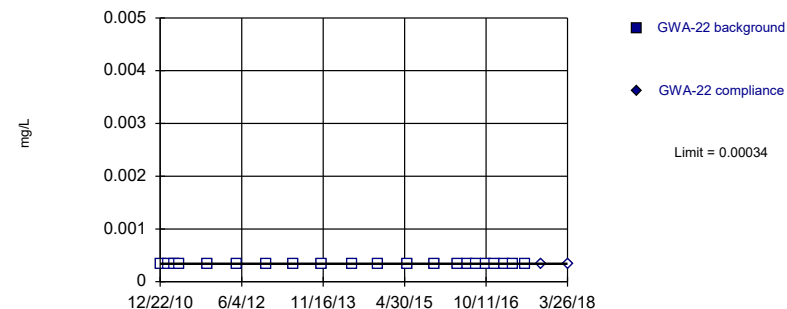


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

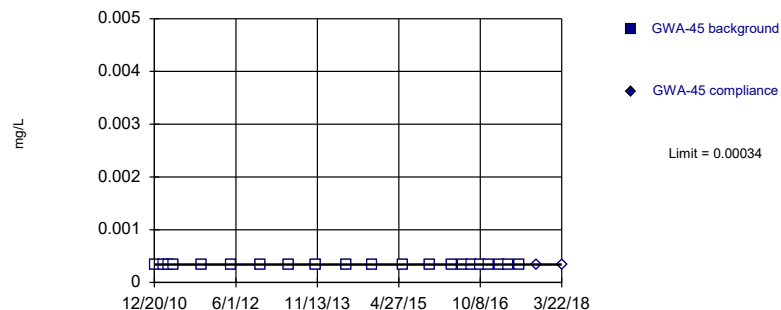


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

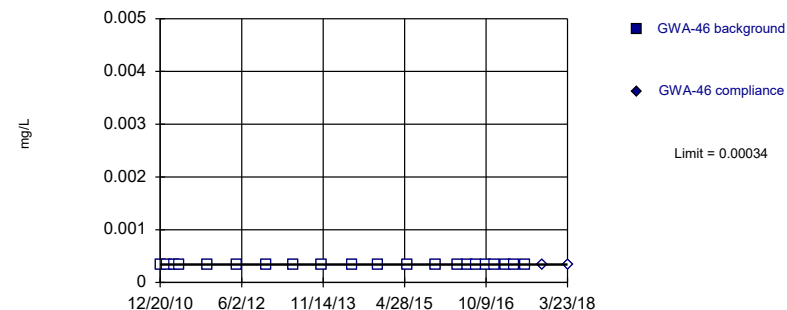


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

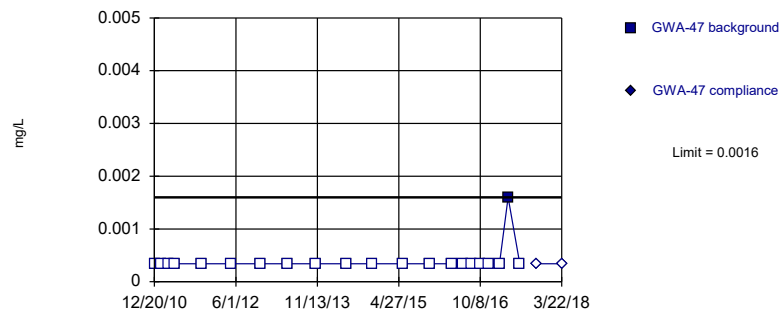


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

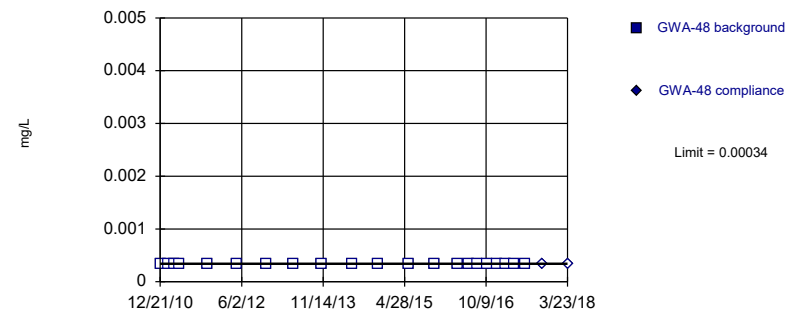


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

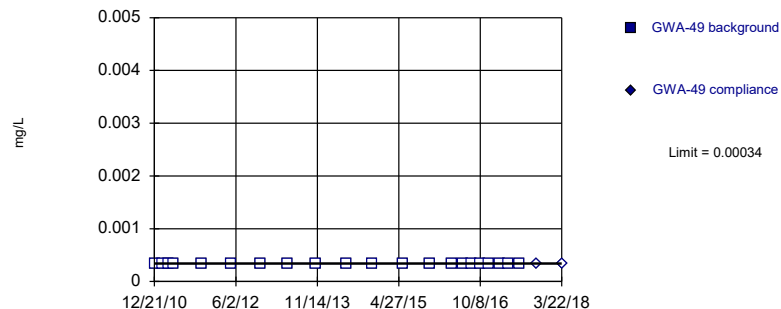


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

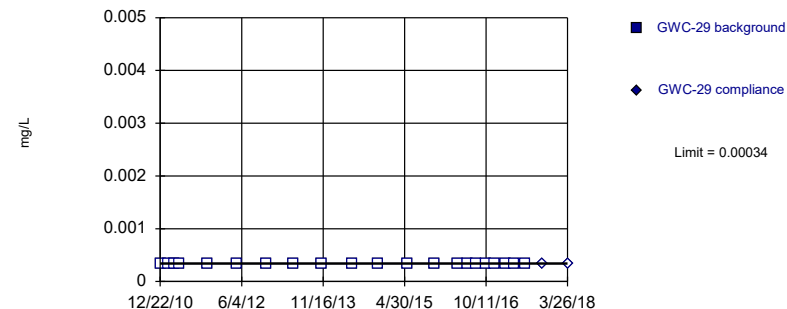


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

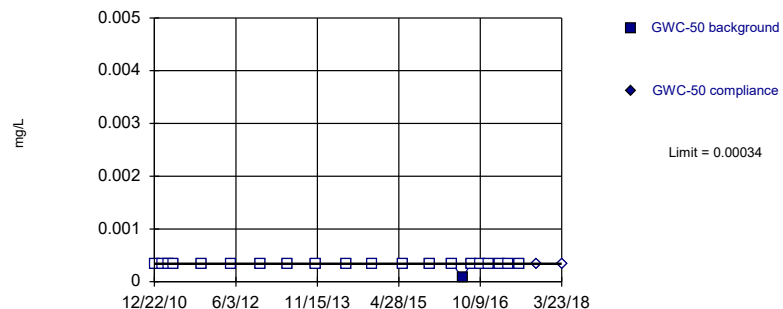


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

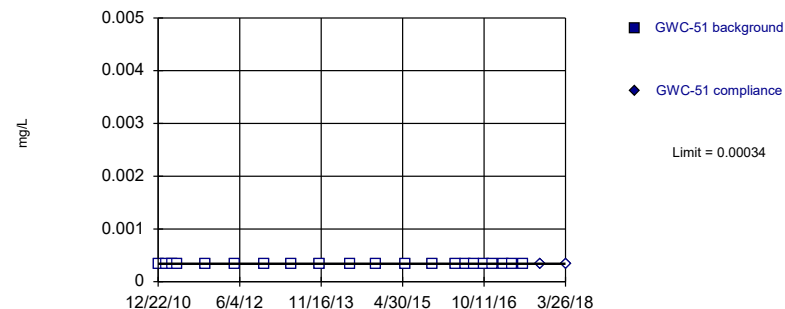


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

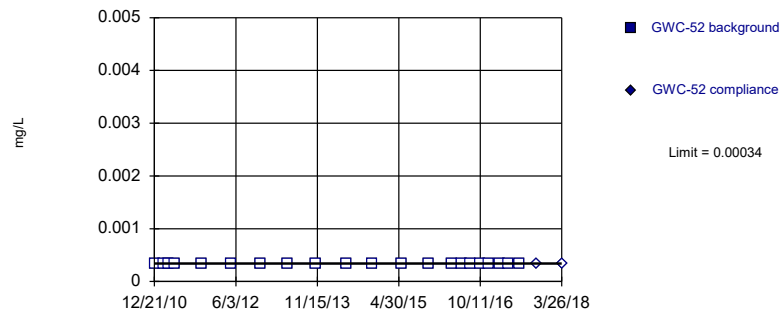


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

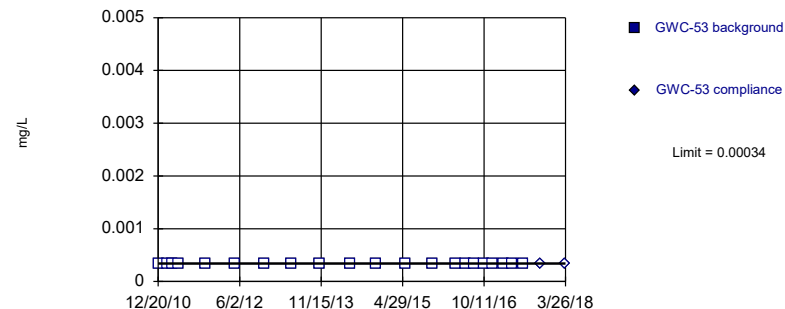


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



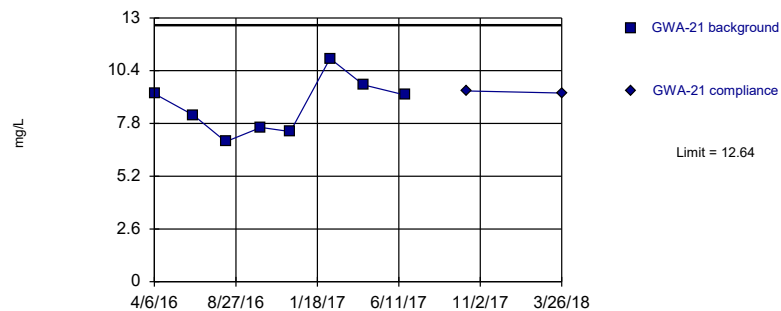
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



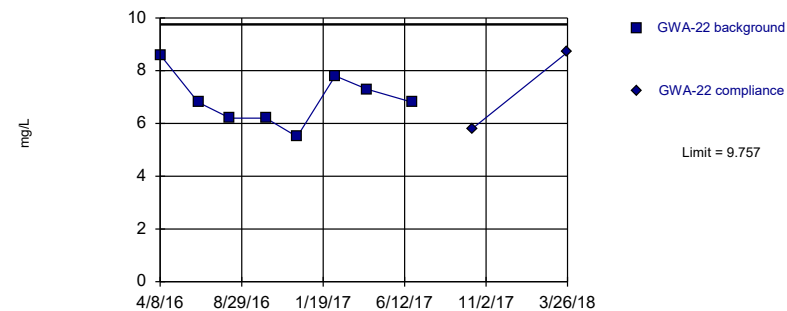
Background Data Summary: Mean=8.659, Std. Dev.=1.375, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



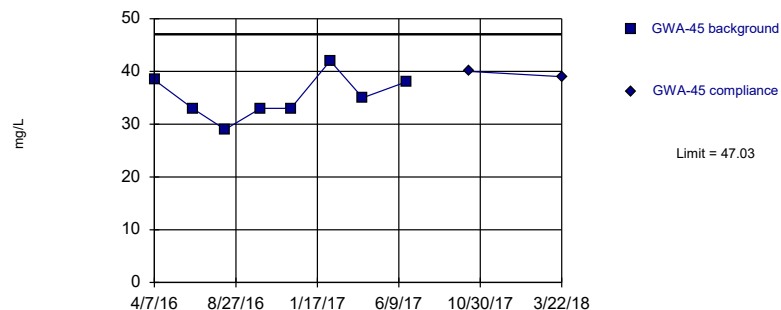
Background Data Summary: Mean=6.9, Std. Dev.=0.9871, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



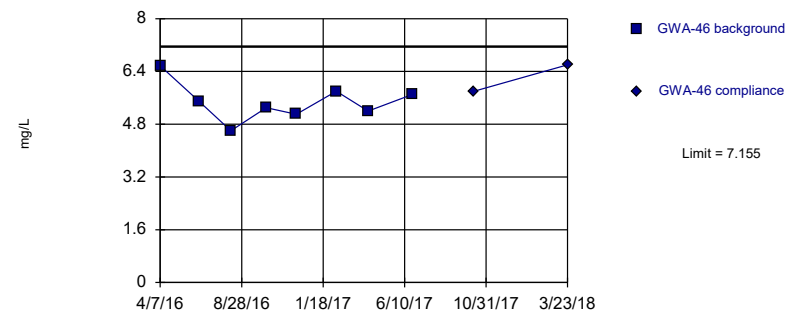
Background Data Summary: Mean=35.16, Std. Dev.=4.102, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



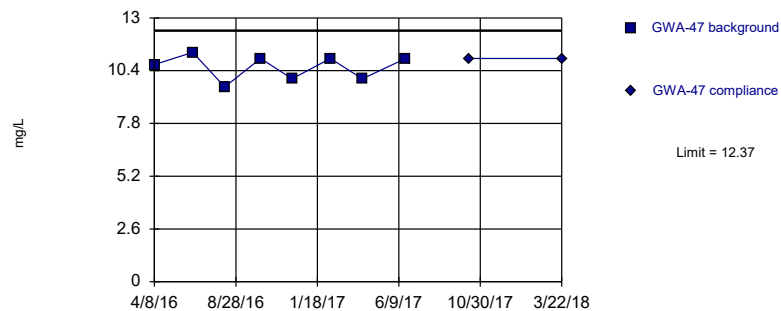
Background Data Summary: Mean=5.471, Std. Dev.=0.5817, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



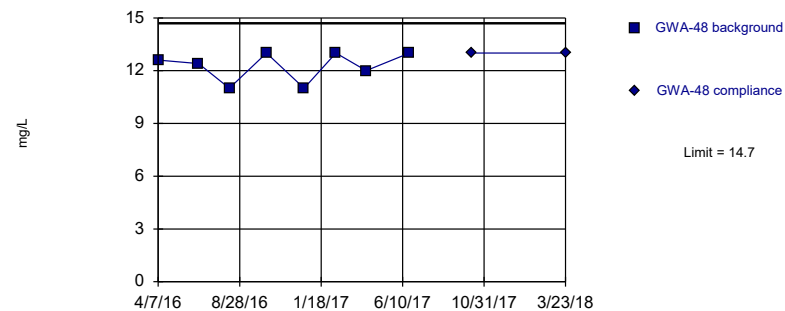
Background Data Summary: Mean=10.58, Std. Dev.=0.6205, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8759, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



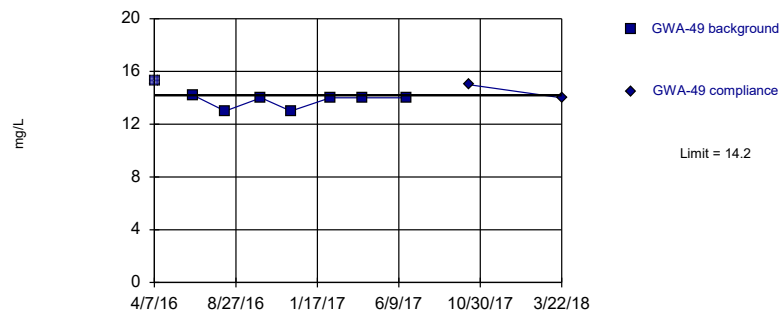
Background Data Summary: Mean=12.25, Std. Dev.=0.8468, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8199, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



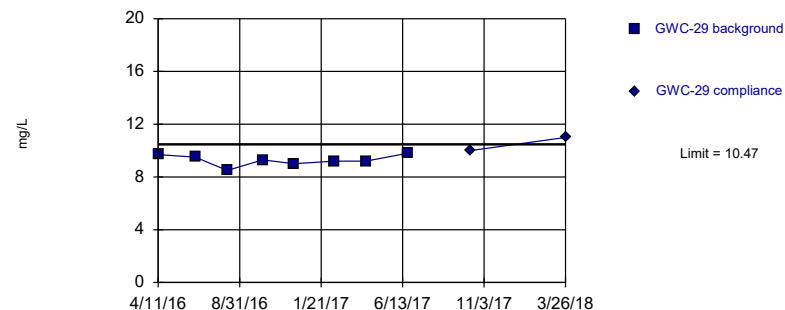
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 7 background values. Well-constituent pair annual alpha = 0.05455. Individual comparison alpha = 0.02765 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



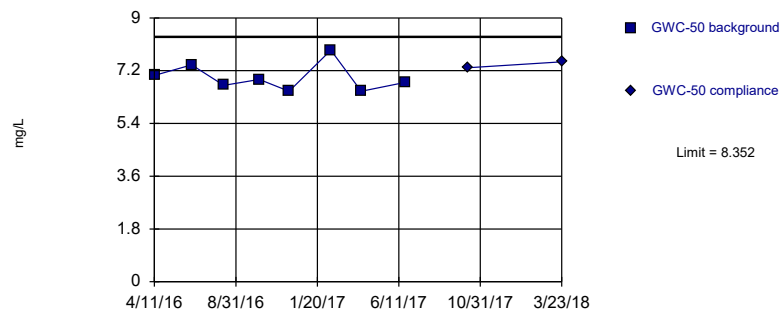
Background Data Summary: Mean=9.275, Std. Dev.=0.4132, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



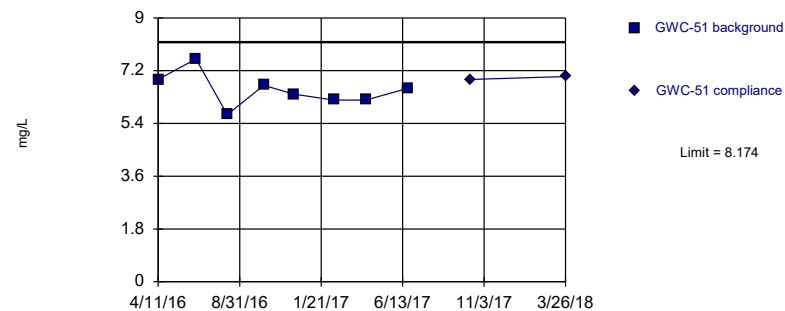
Background Data Summary: Mean=6.968, Std. Dev.=0.4786, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



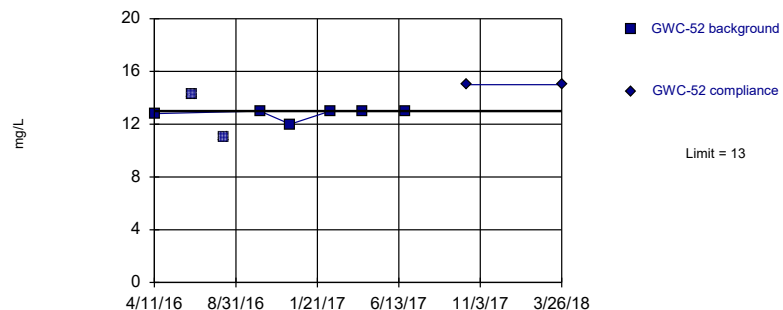
Background Data Summary: Mean=6.538, Std. Dev.=0.5655, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



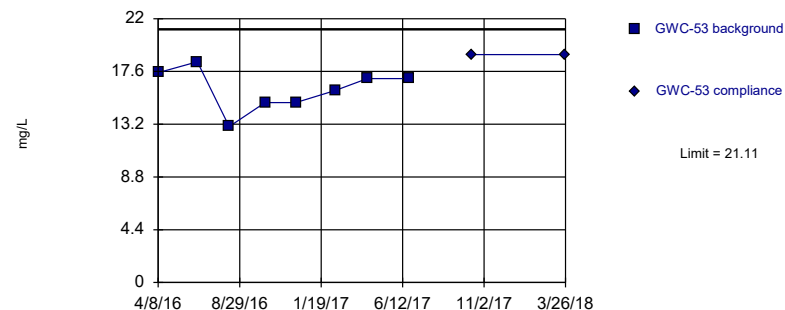
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



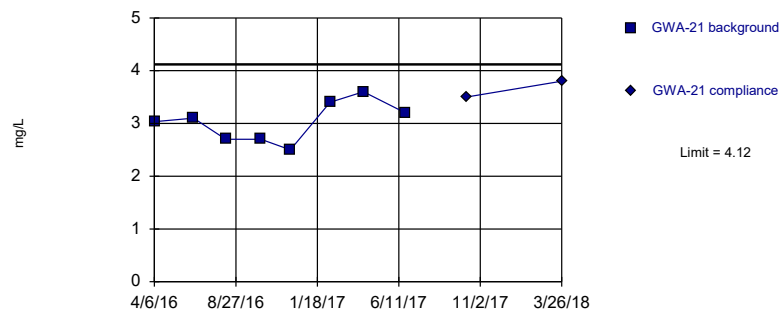
Background Data Summary: Mean=16.11, Std. Dev.=1.728, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.953, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



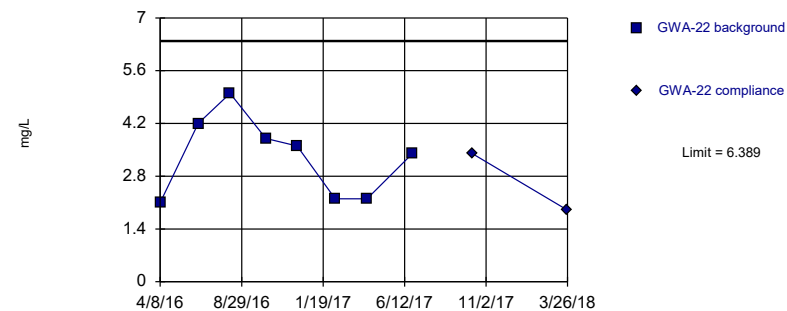
Background Data Summary: Mean=3.029, Std. Dev.=0.3769, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



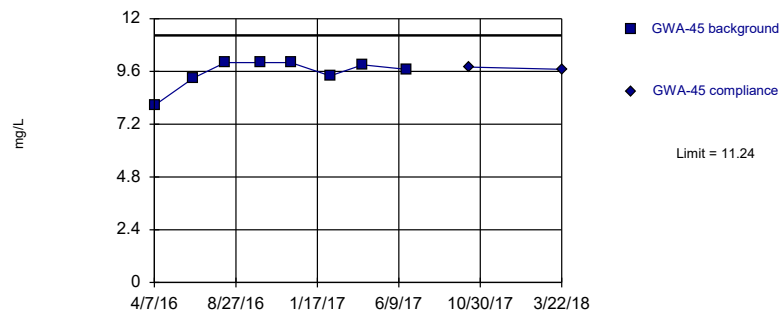
Background Data Summary: Mean=3.313, Std. Dev.=1.063, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



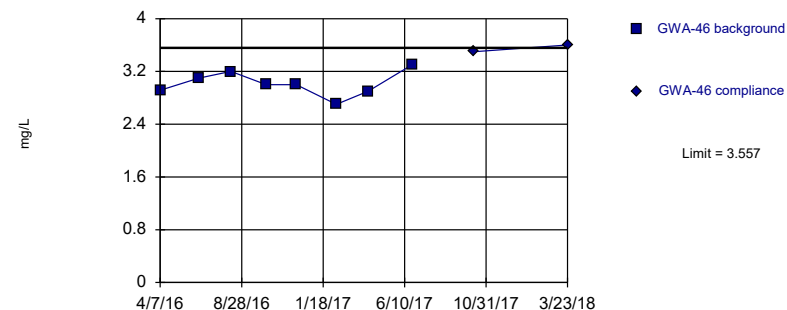
Background Data Summary (based on square transformation): Mean=91.47, Std. Dev.=12.03, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7639, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



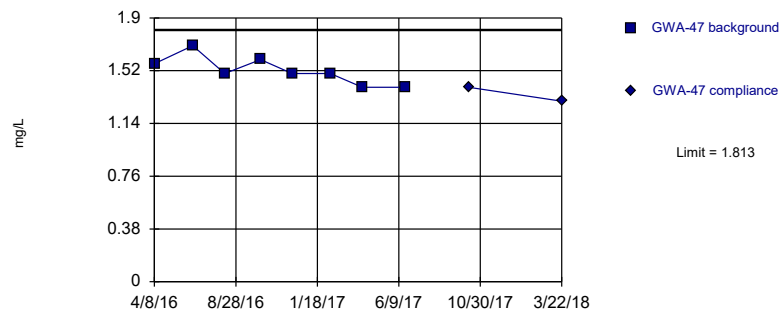
Background Data Summary: Mean=3.014, Std. Dev.=0.1874, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



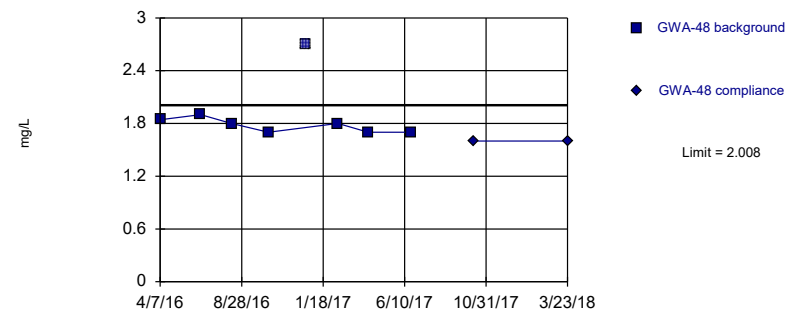
Background Data Summary: Mean=1.521, Std. Dev.=0.1009, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9268, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



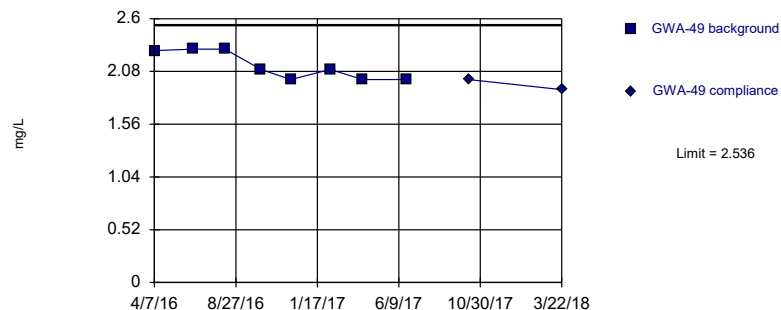
Background Data Summary: Mean=1.777, Std. Dev.=0.07979, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8644, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



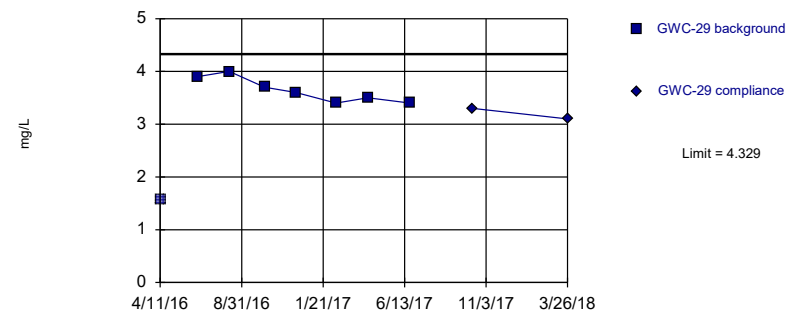
Background Data Summary: Mean=2.136, Std. Dev.=0.1384, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7934, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



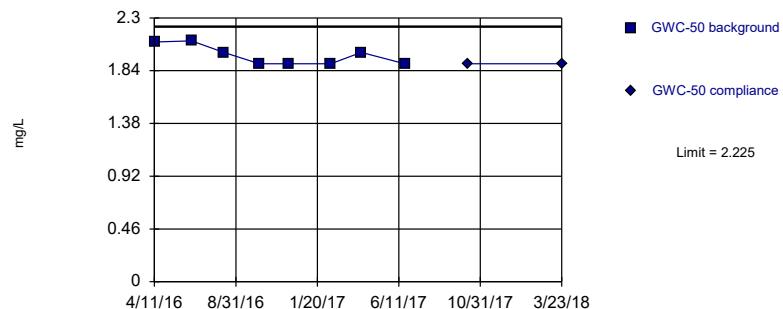
Background Data Summary: Mean=3.643, Std. Dev.=0.237, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9089, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



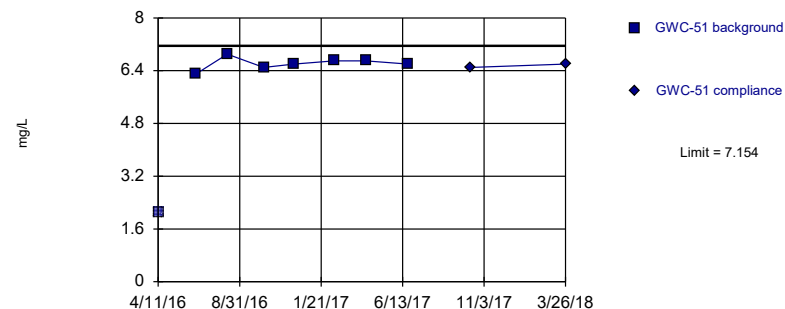
Background Data Summary: Mean=1.974, Std. Dev.=0.08667, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7929, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



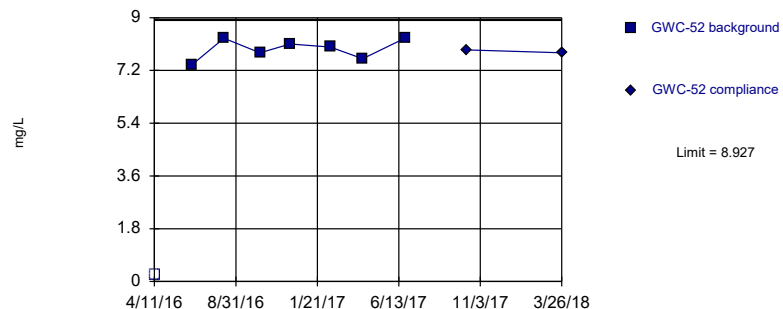
Background Data Summary: Mean=6.614, Std. Dev.=0.1864, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



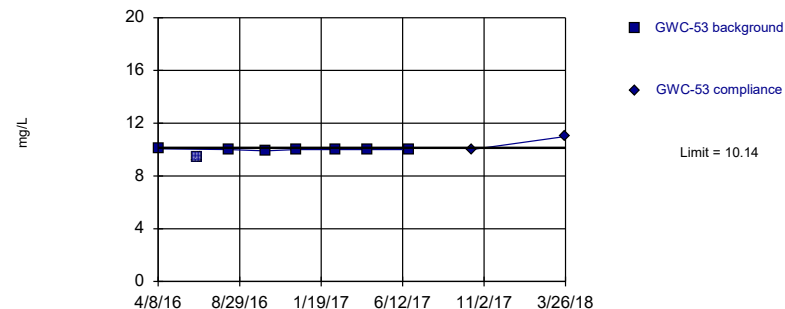
Background Data Summary: Mean=7.929, Std. Dev.=0.345, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=9.995, Std. Dev.=0.04839, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7528, critical = 0.73. Kappa overridden to 2.894.

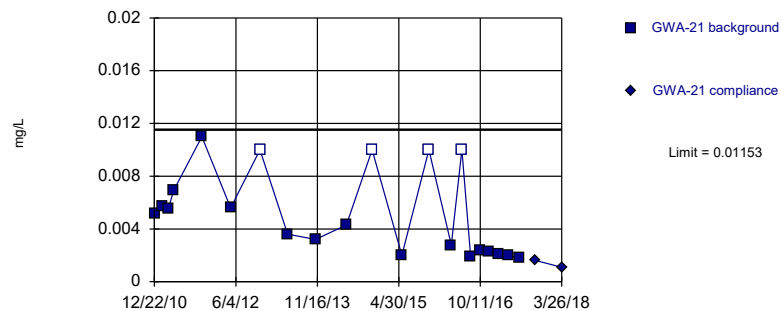
Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05918, Std. Dev.=0.01665, n=21, 19.05% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.873. Kappa overridden to 2.894.

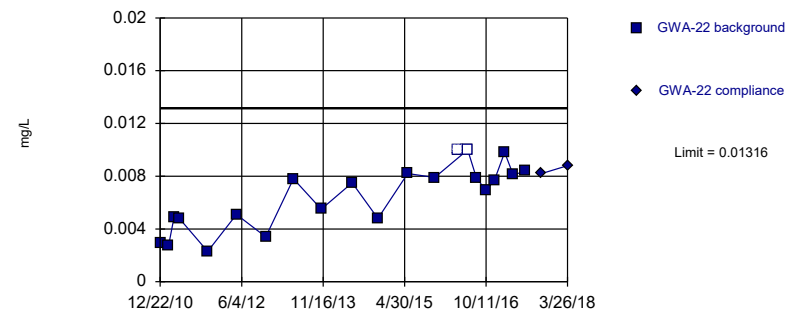
Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00633, Std. Dev.=0.00236, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9272, critical = 0.868. Kappa overridden to 2.894.

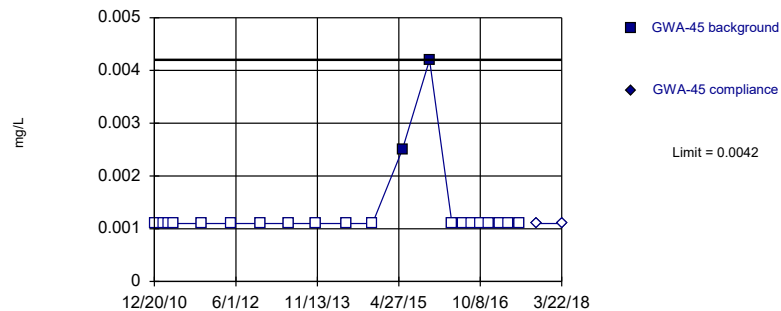
Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

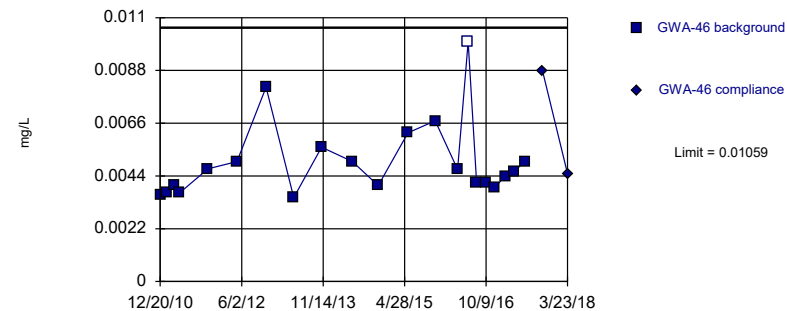
Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



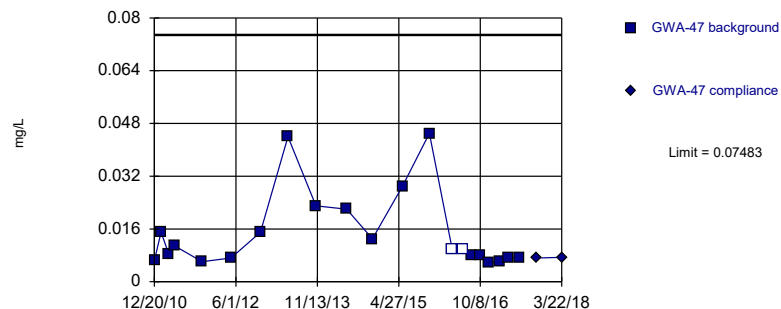
Background Data Summary (based on natural log transformation): Mean=-5.342, Std. Dev.=0.2744, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8804, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



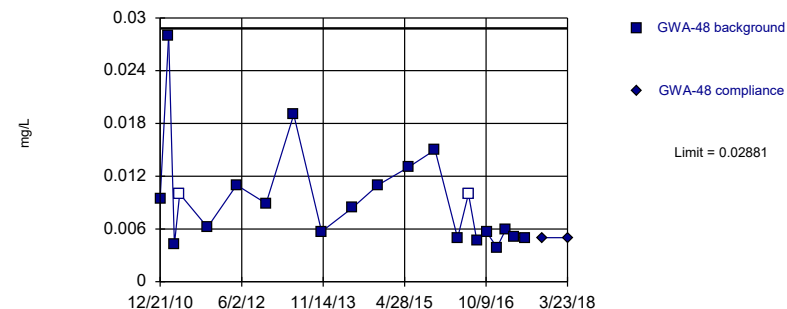
Background Data Summary (based on natural log transformation): Mean=-4.45, Std. Dev.=0.6417, n=21, 9.524%
NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



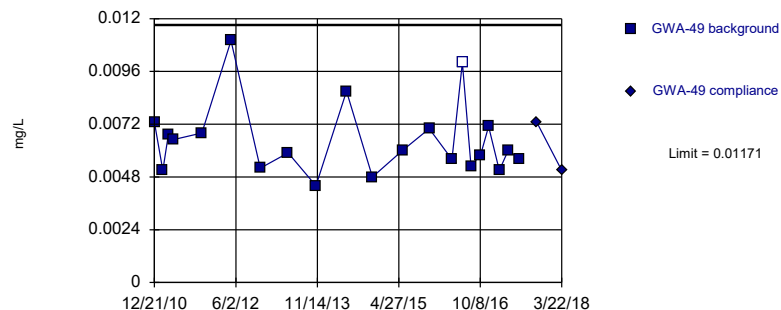
Background Data Summary (based on square root transformation): Mean=0.0928, Std. Dev.=0.02659, n=21, 9.524%
NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8852, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



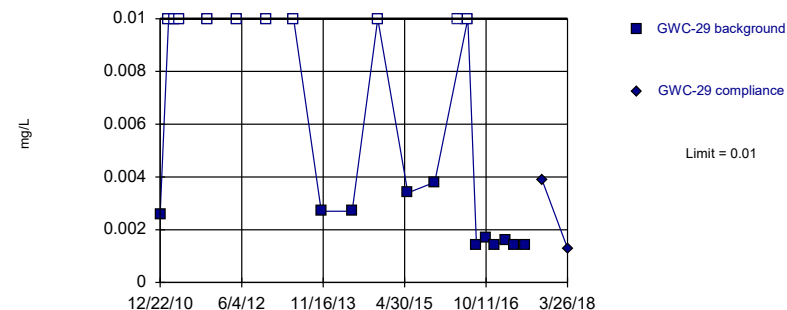
Background Data Summary (based on square root transformation): Mean=0.07987, Std. Dev.=0.009799, n=21,
4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8998, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



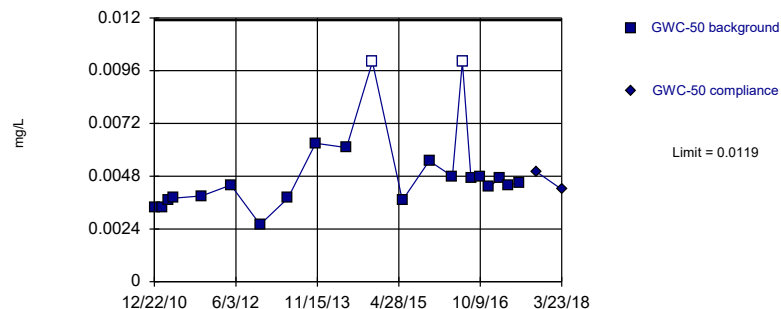
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



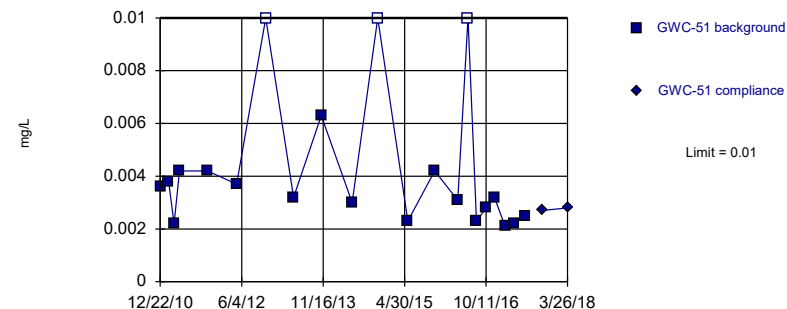
Background Data Summary (based on natural log transformation): Mean=-5.376, Std. Dev.=0.3265, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



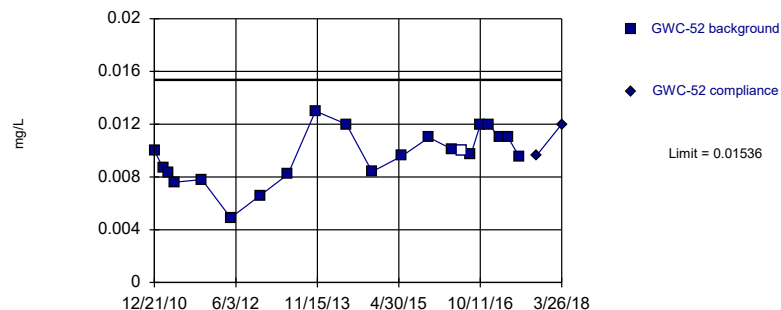
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 14.29% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



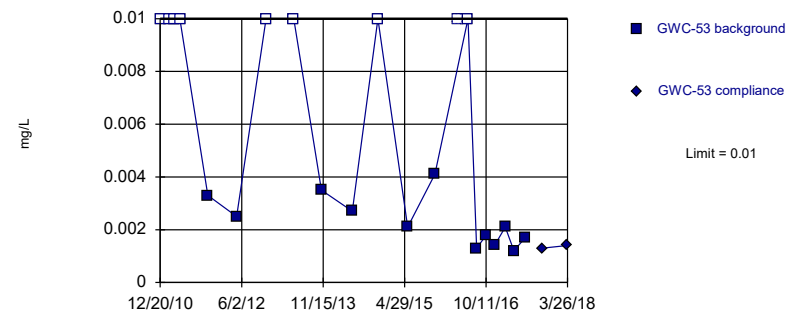
Background Data Summary: Mean=0.00959, Std. Dev.=0.001994, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9741, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

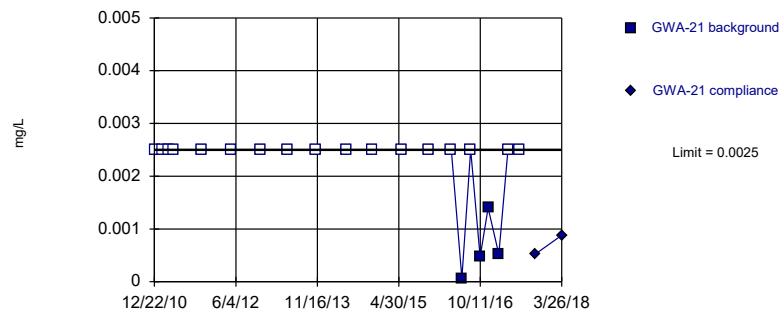


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 40% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

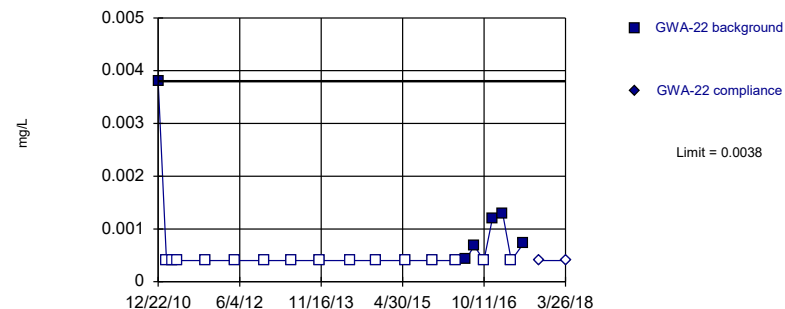


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

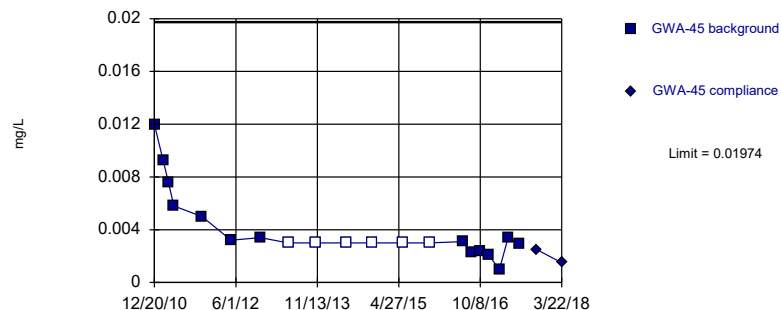


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

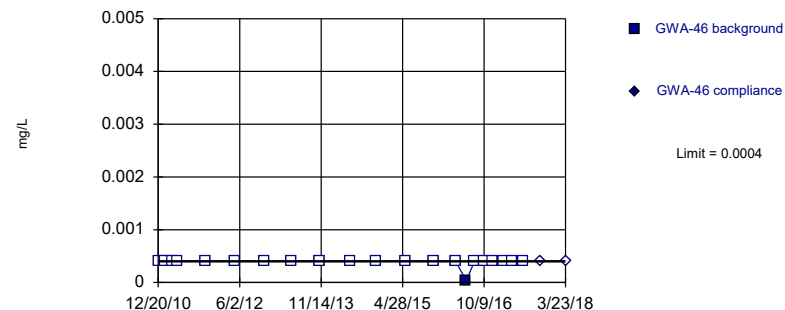


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.806, Std. Dev.=0.6499, n=20, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8881, critical = 0.868. Kappa overridden to 2.894.

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

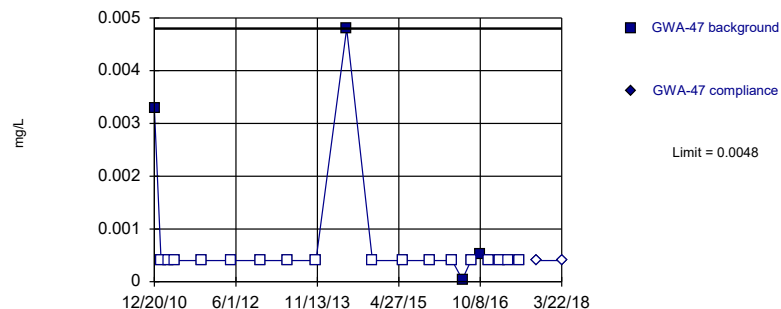


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

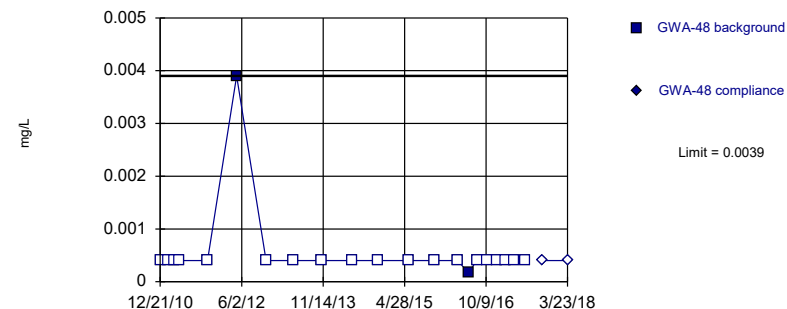


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

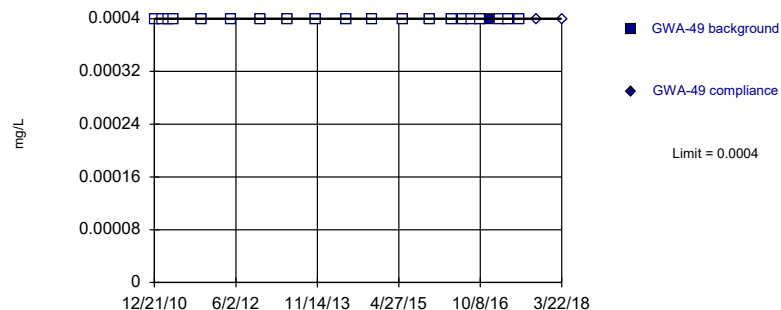


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

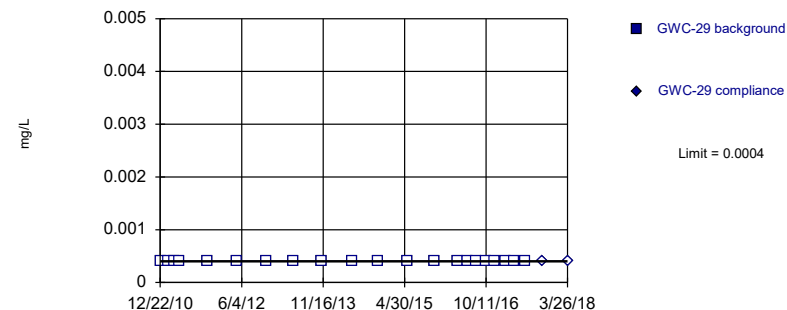


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

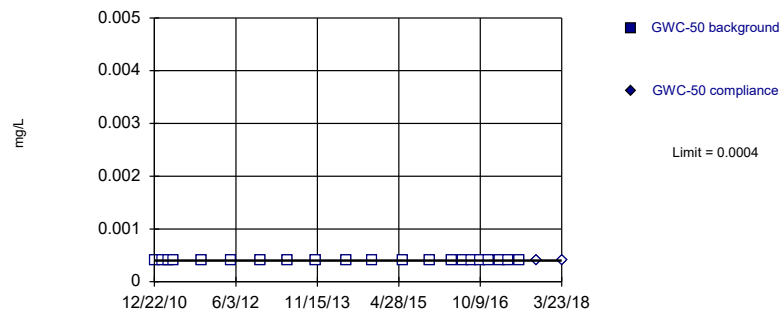


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

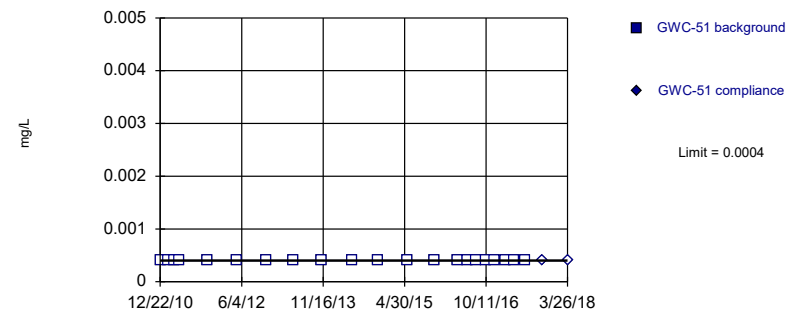


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

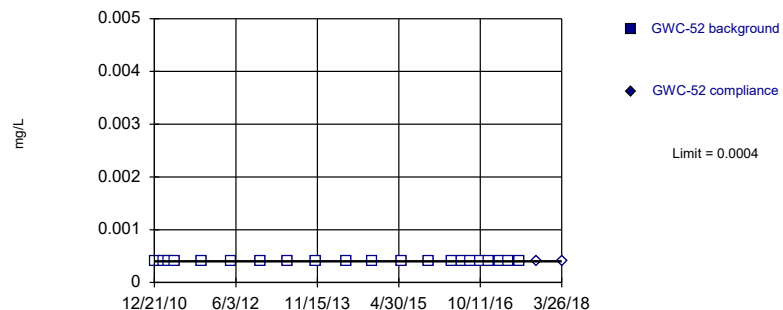


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

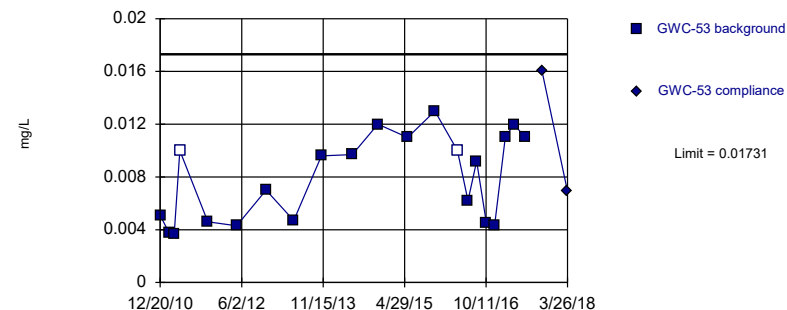


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

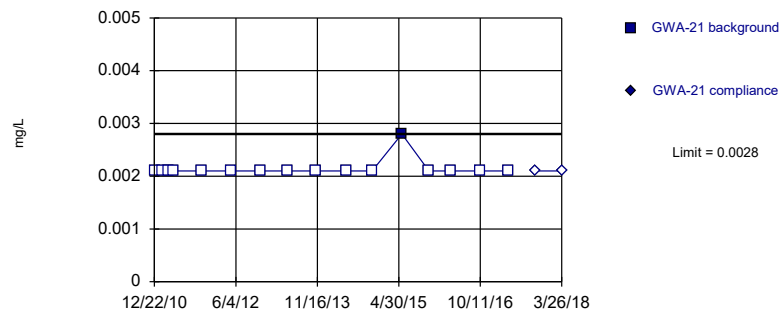


Background Data Summary: Mean=0.007938, Std. Dev.=0.003238, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8802, critical = 0.873. Kappa overridden to 2.894.

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

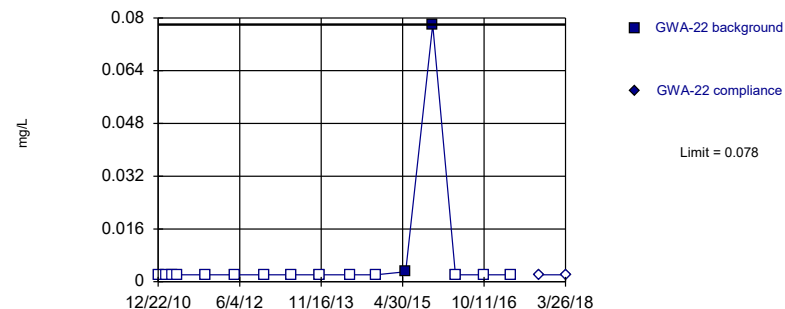


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

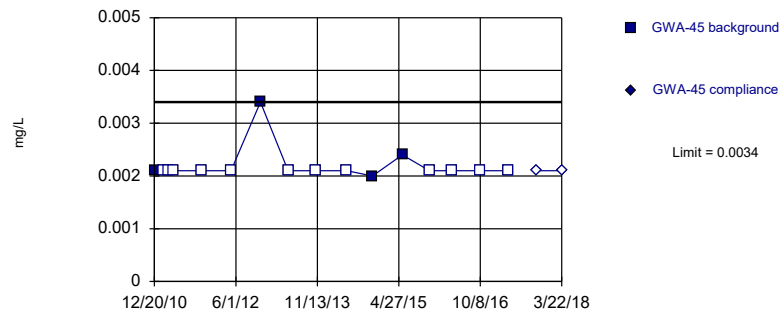


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

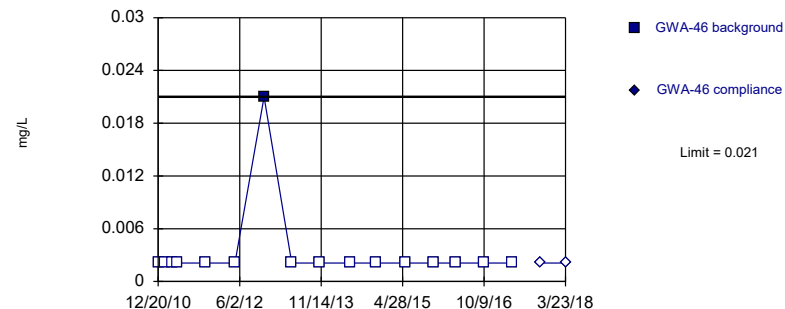


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



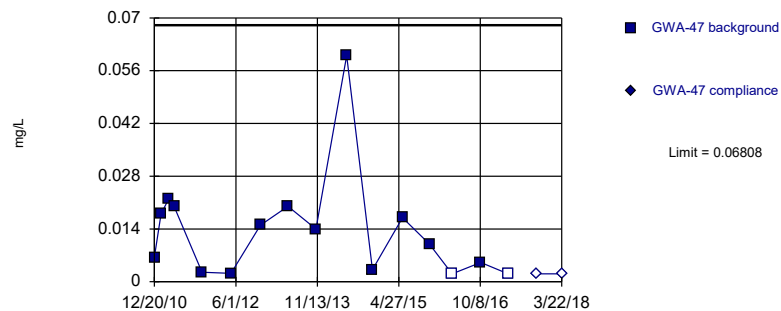
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



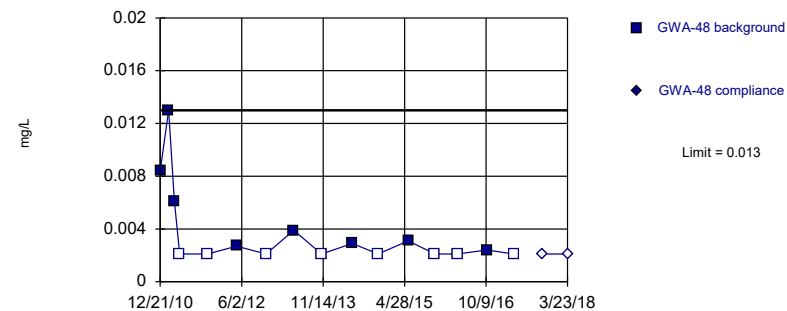
Background Data Summary (based on square root transformation): Mean=0.1049, Std. Dev.=0.05391, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8808, critical = 0.844. Kappa overridden to 2.894.

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



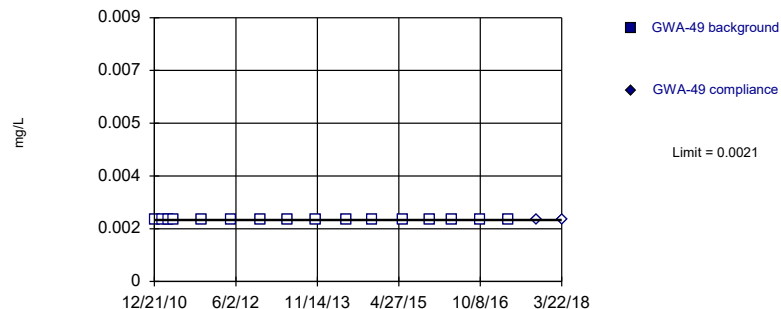
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



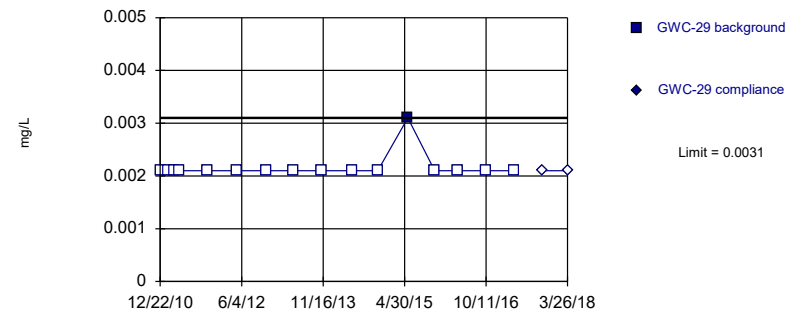
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

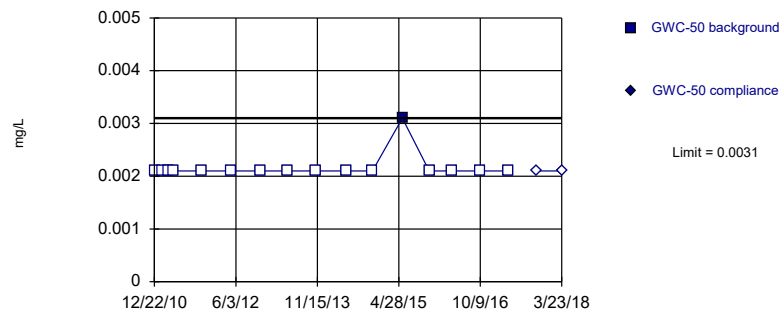


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

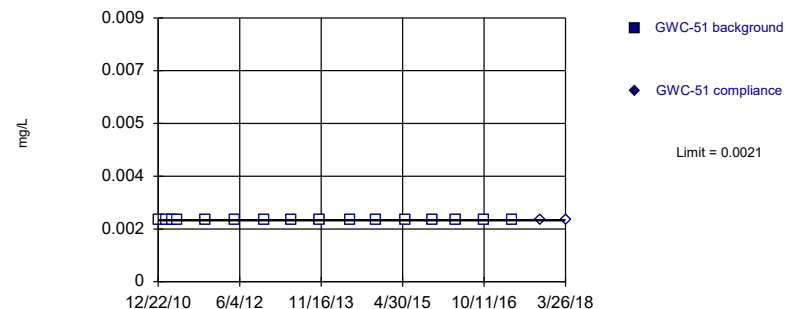


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

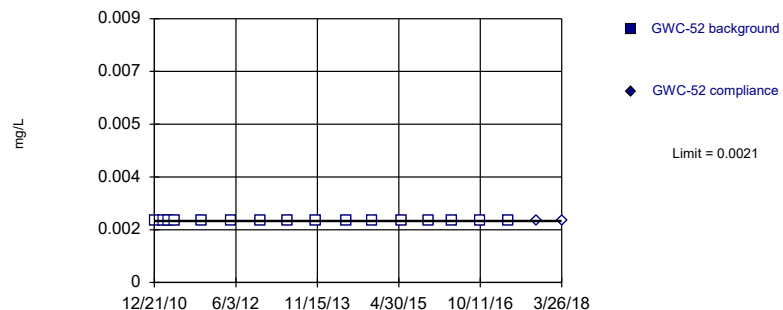


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

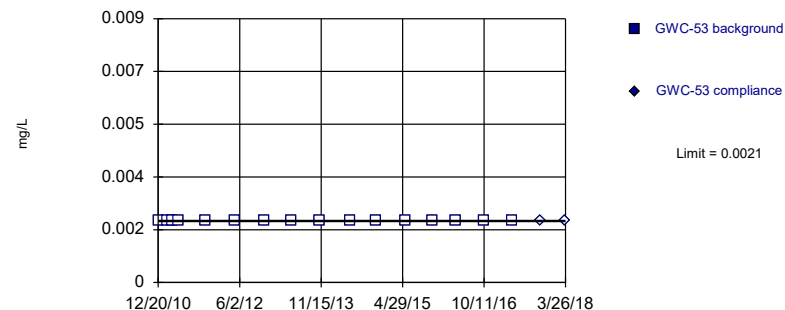


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

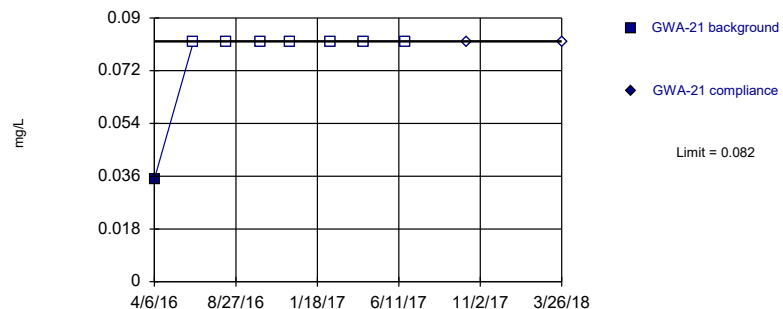


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

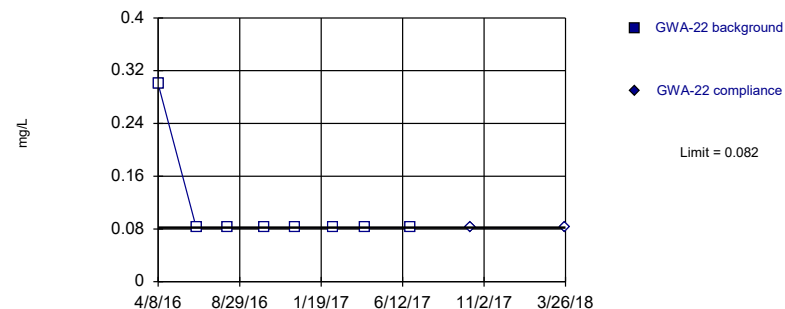


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

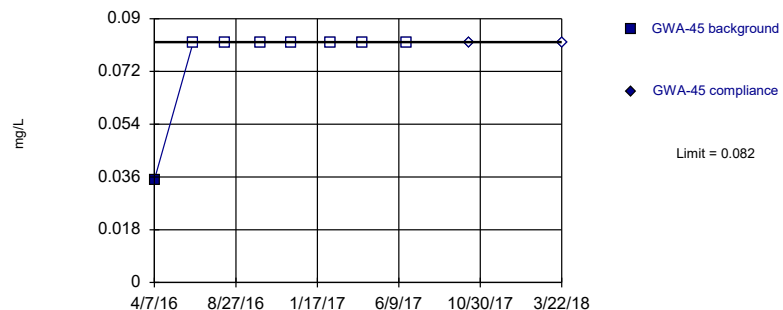


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

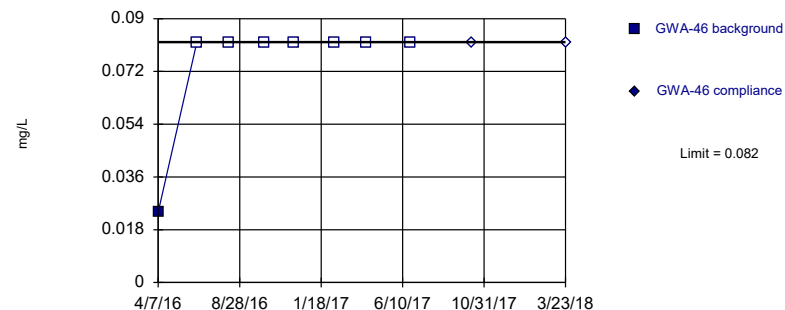


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

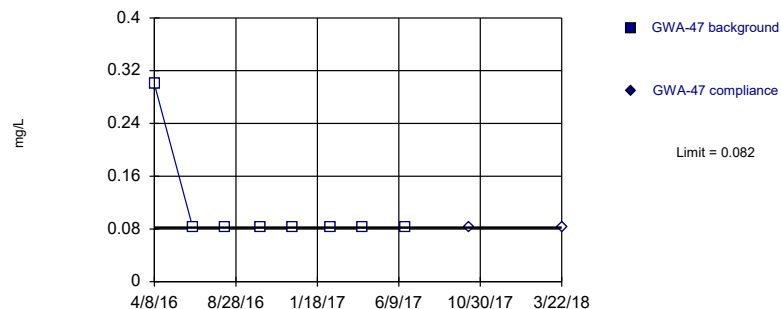


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

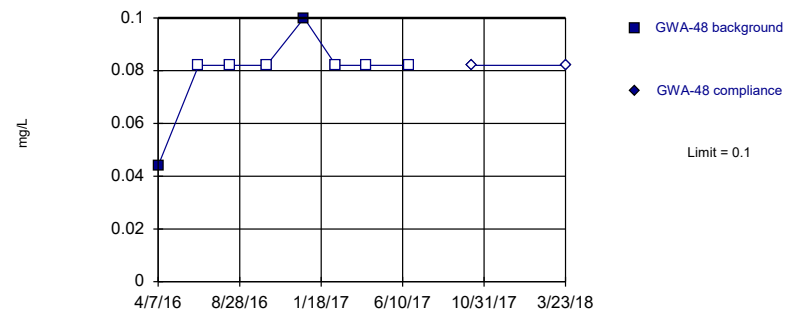


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

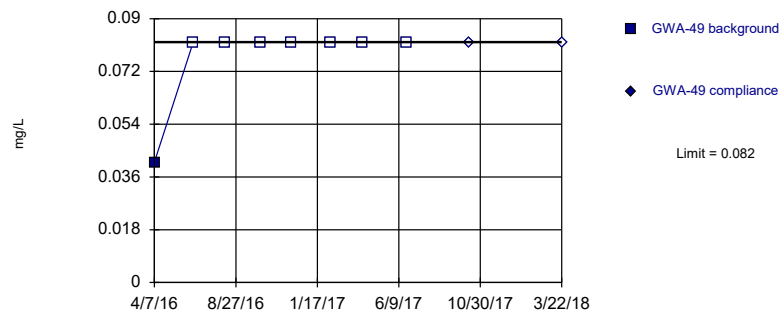


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

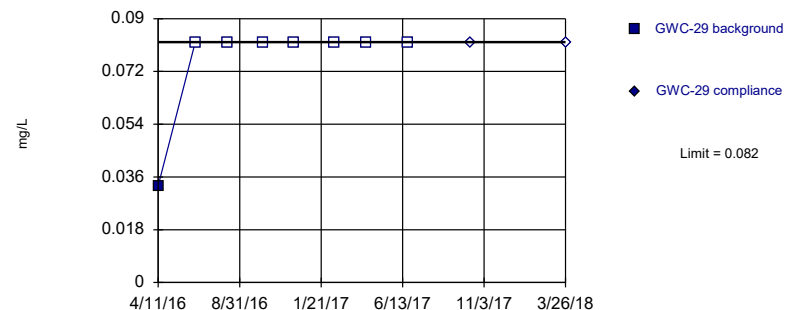


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

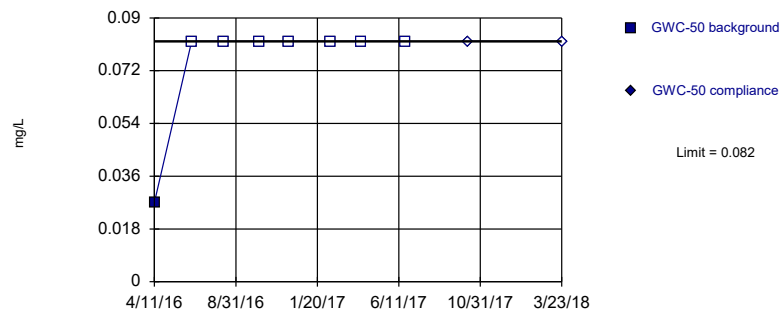


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

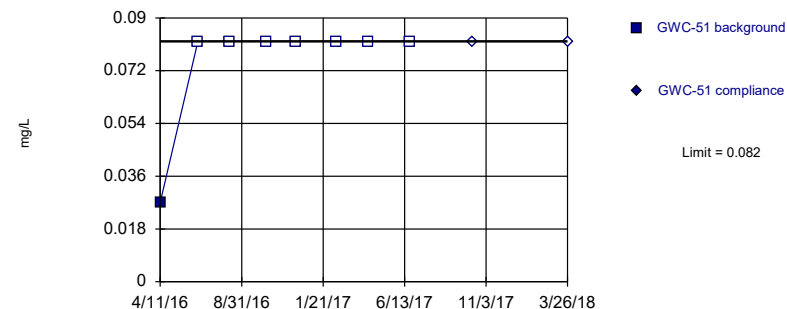


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

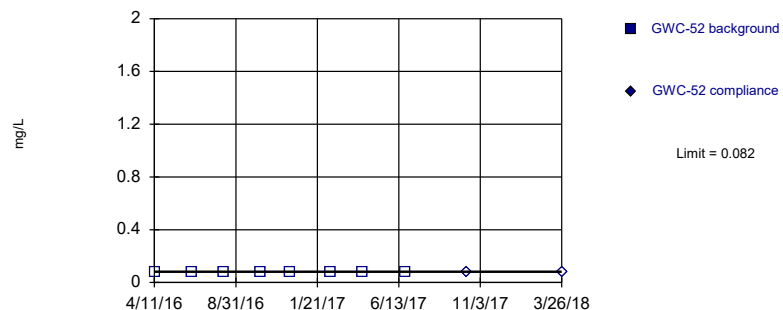


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

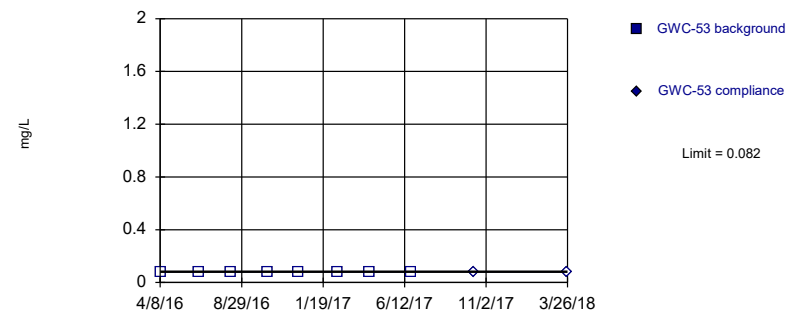


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

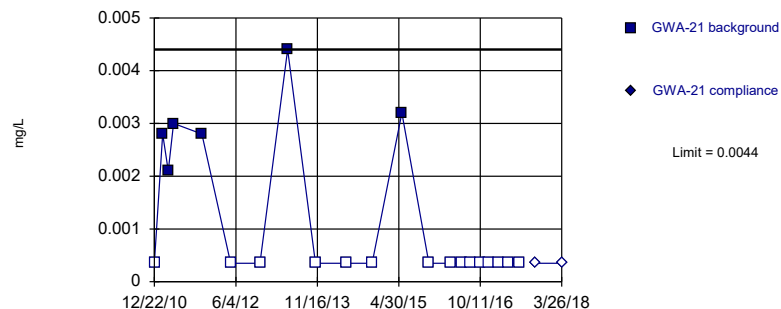


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

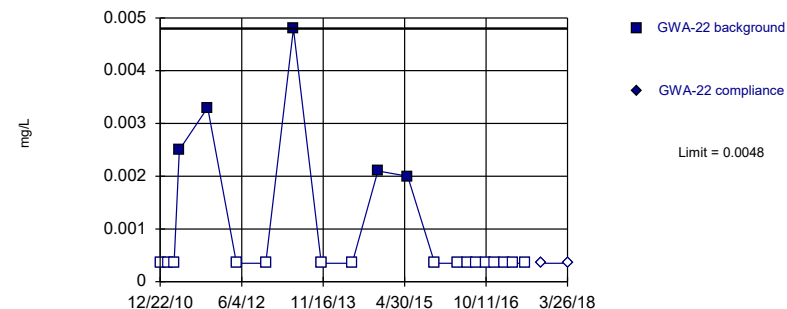


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

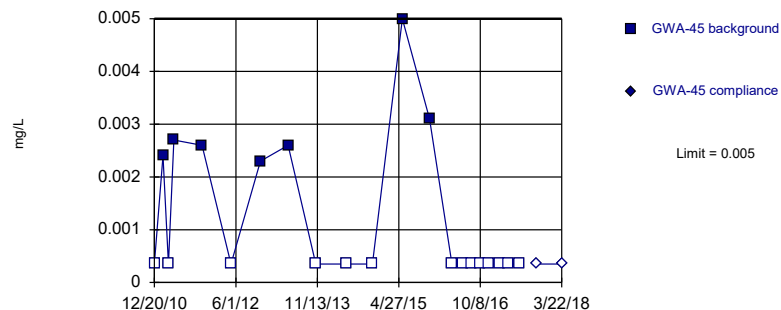


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

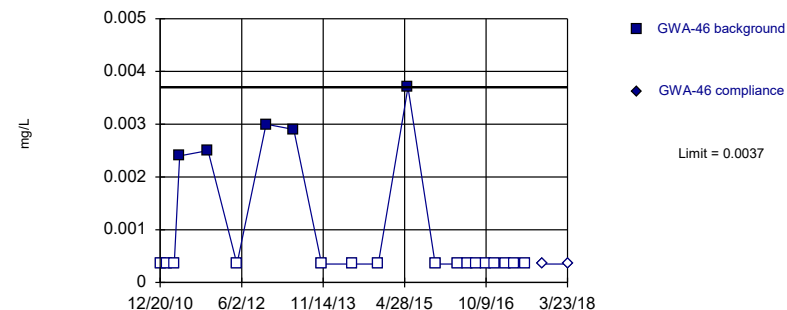


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

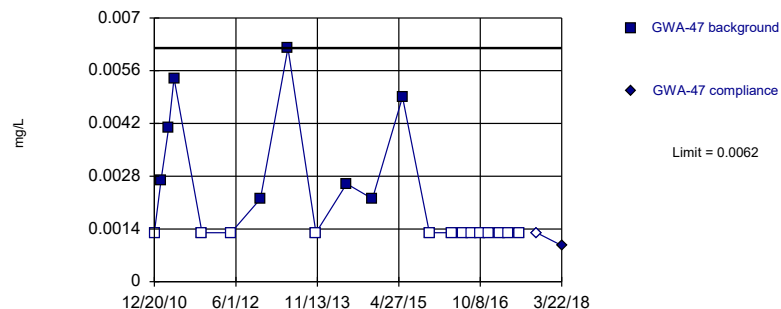


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

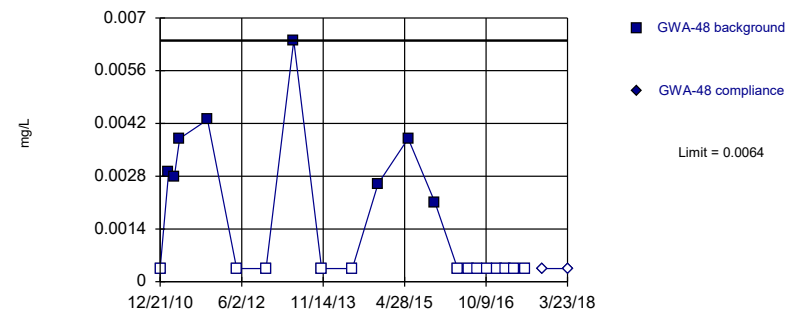


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

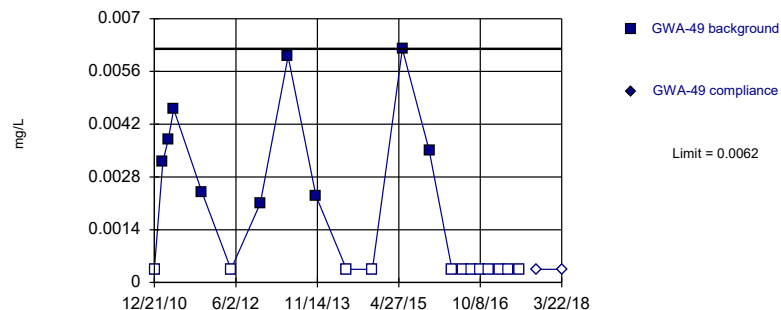


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

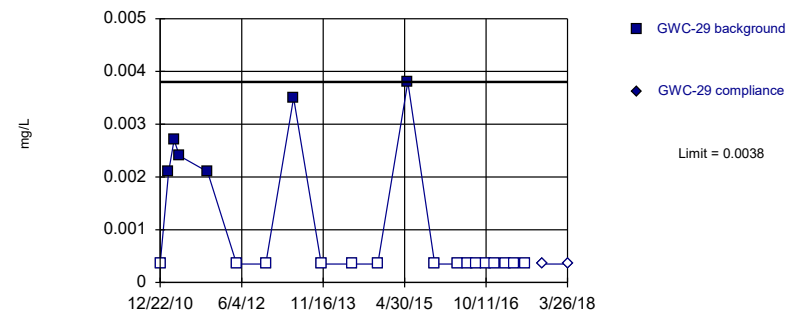


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

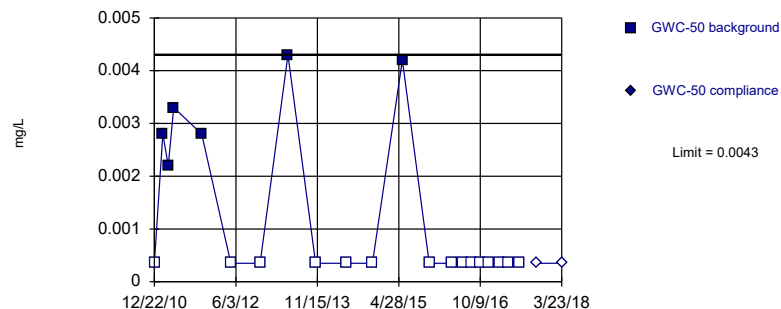


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

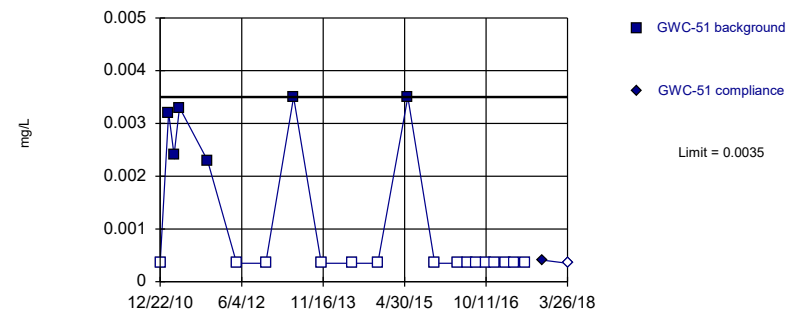


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

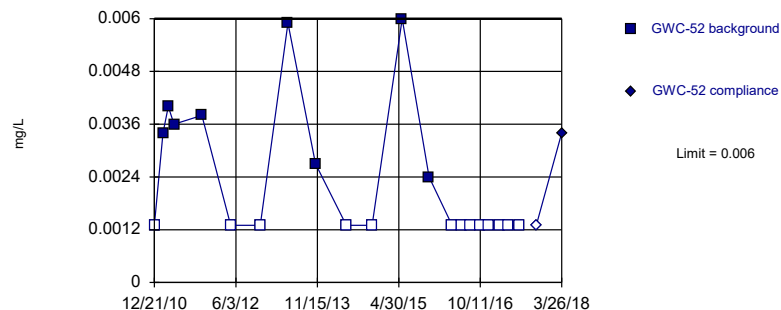


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

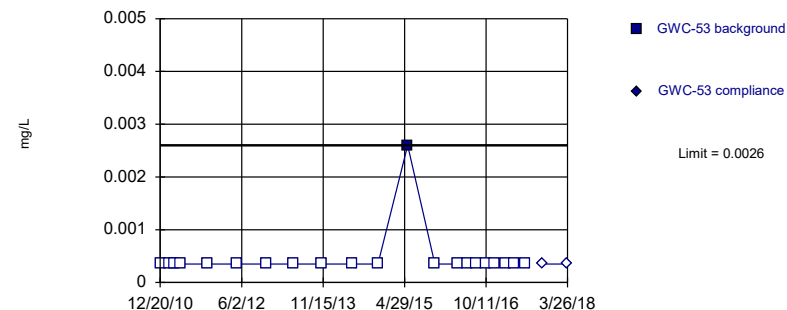


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

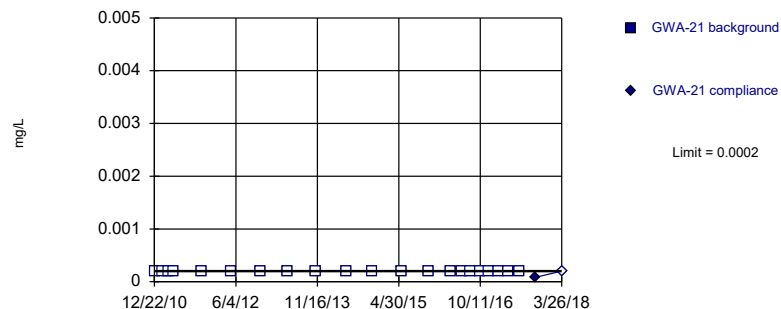


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

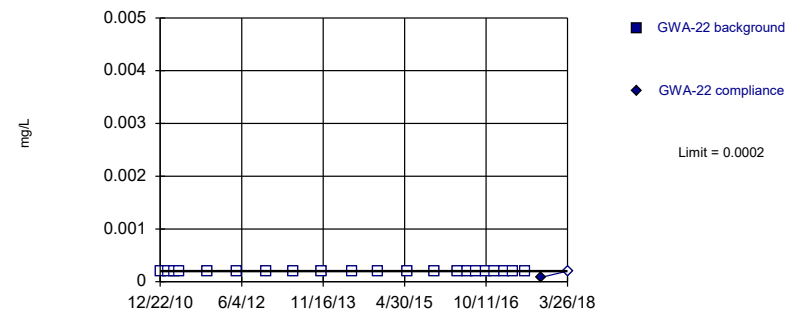


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

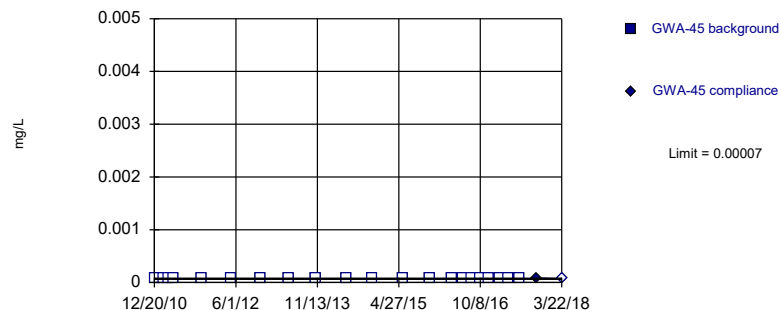


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

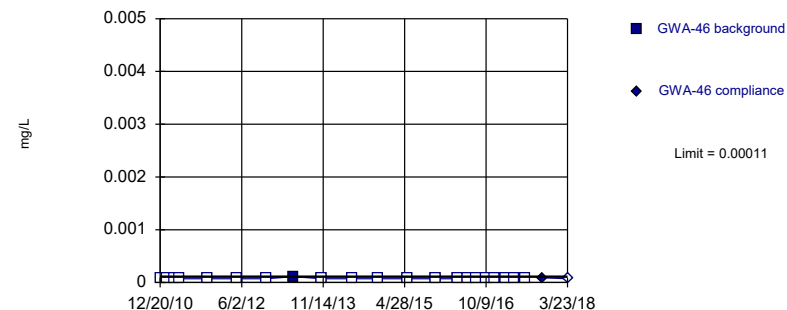


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

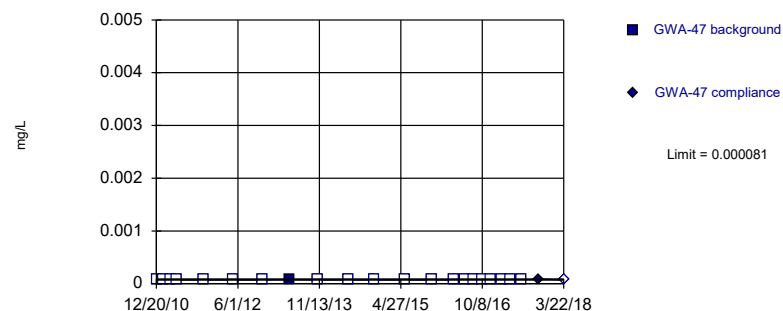


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

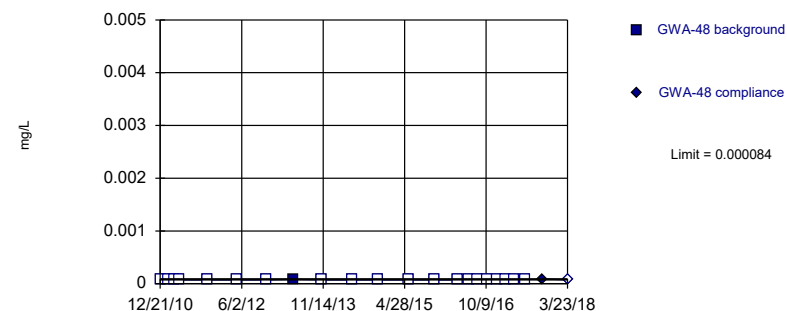


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

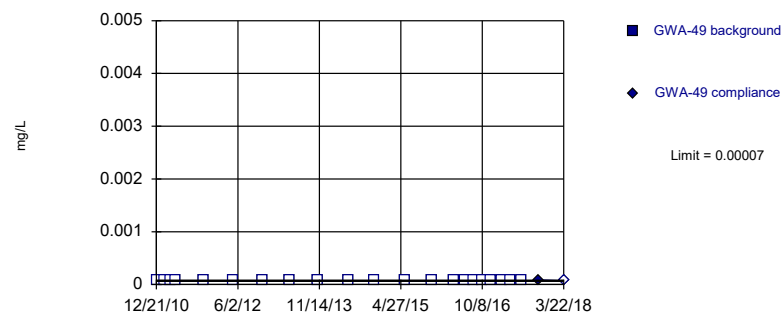


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

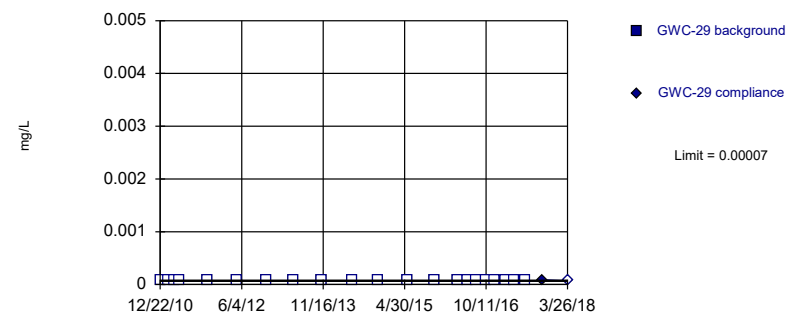


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

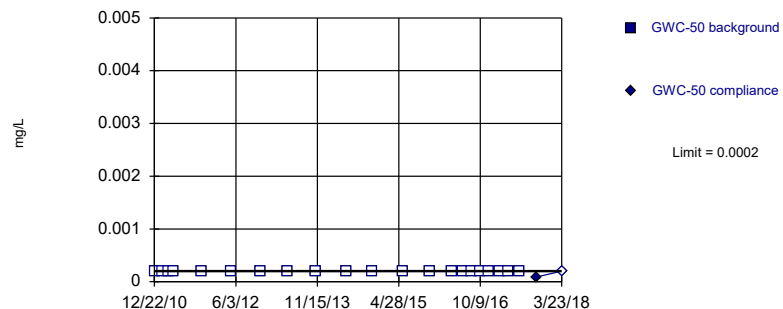


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

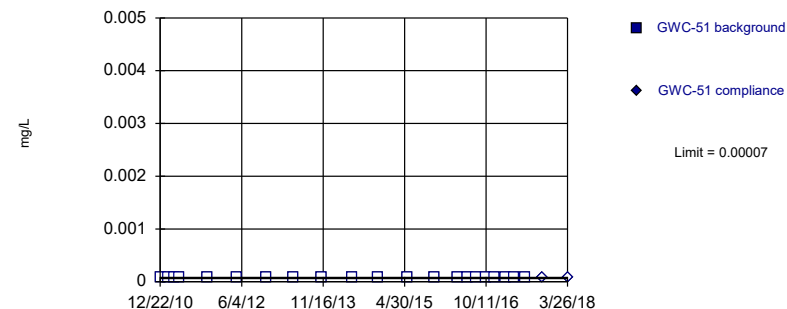


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

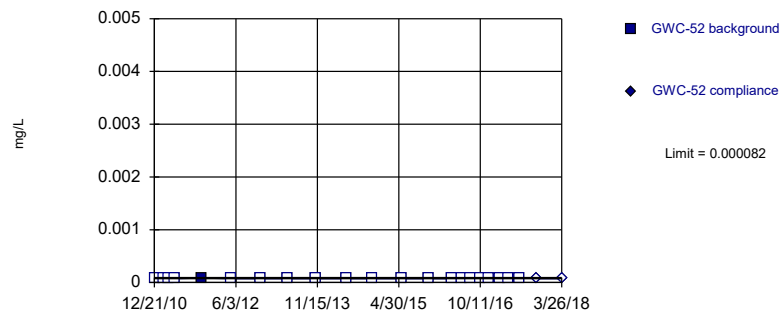


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

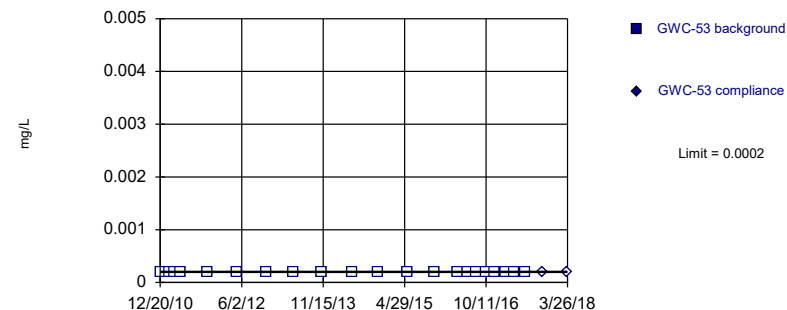


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

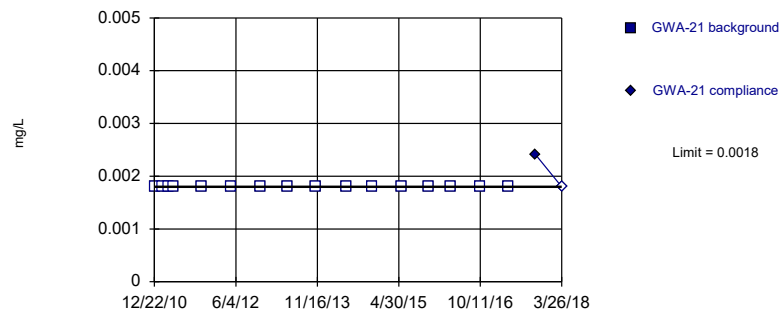


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

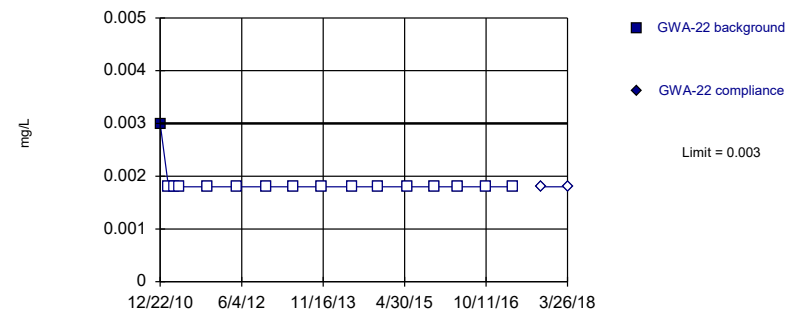


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

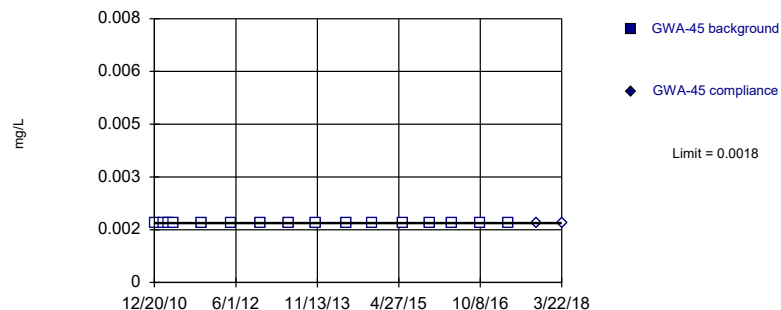


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

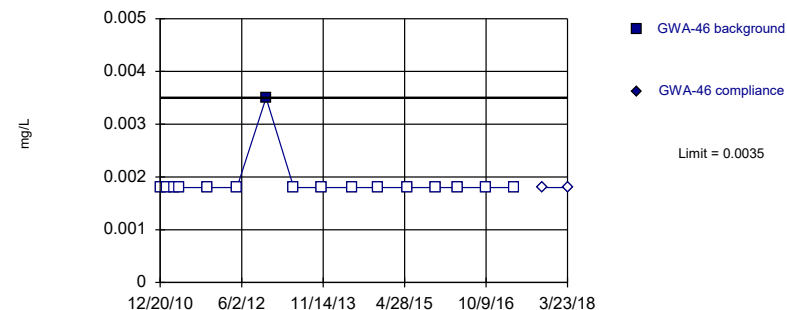


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



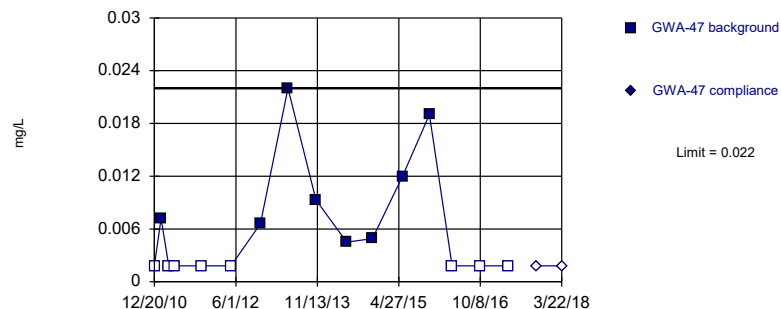
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



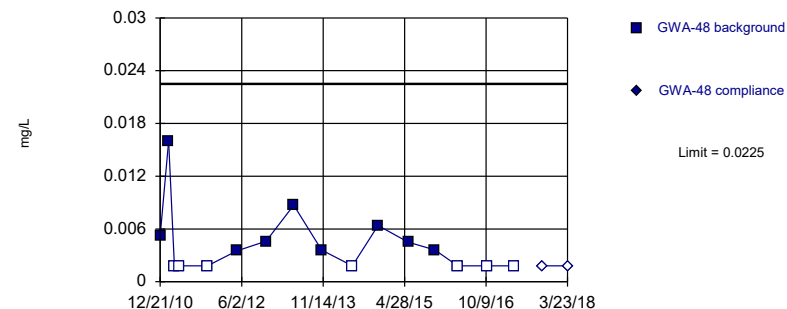
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



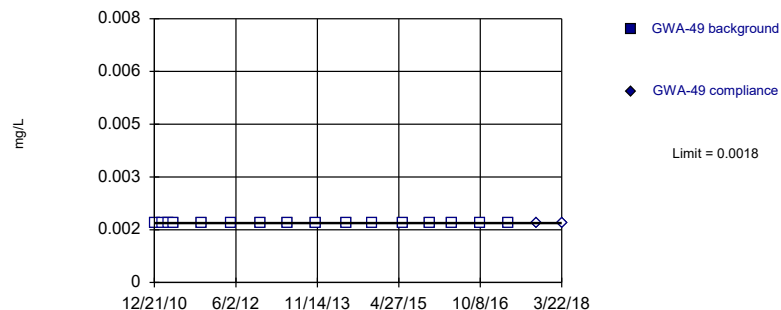
Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.733, Std. Dev.=0.67, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8512, critical = 0.844. Kappa overridden to 2.894.

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



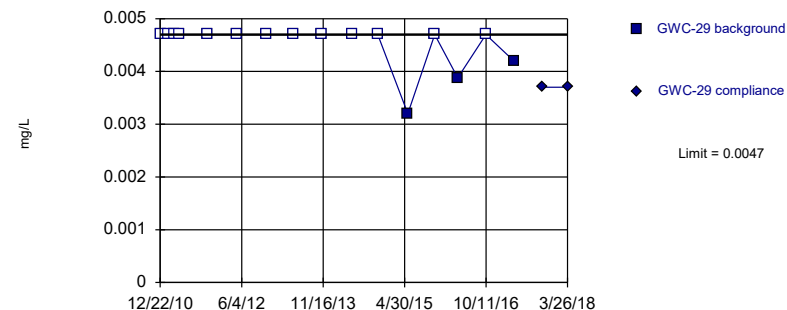
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

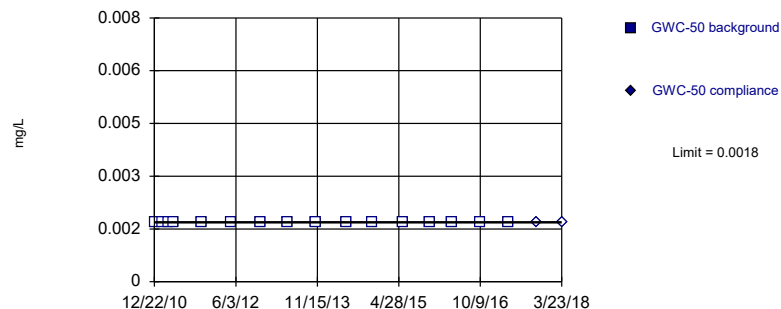


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

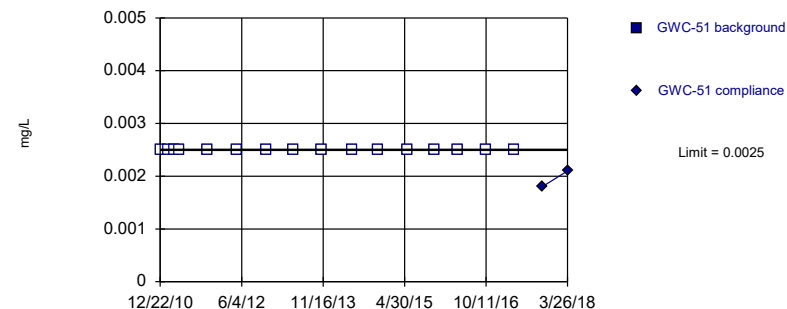


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

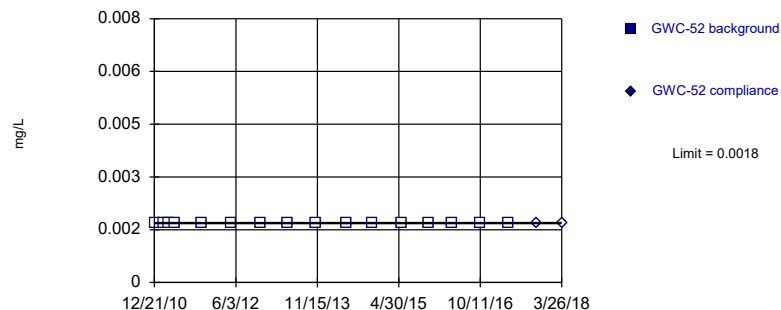


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

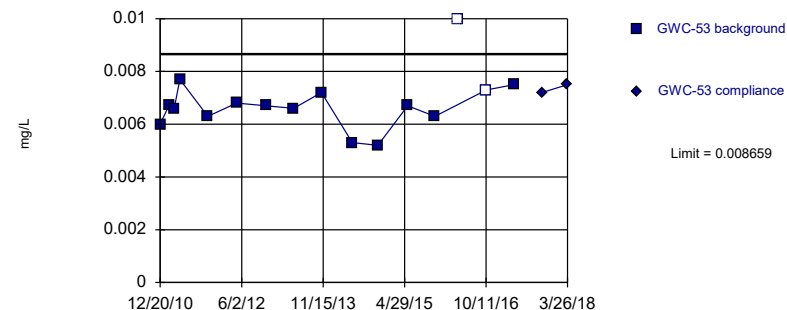


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



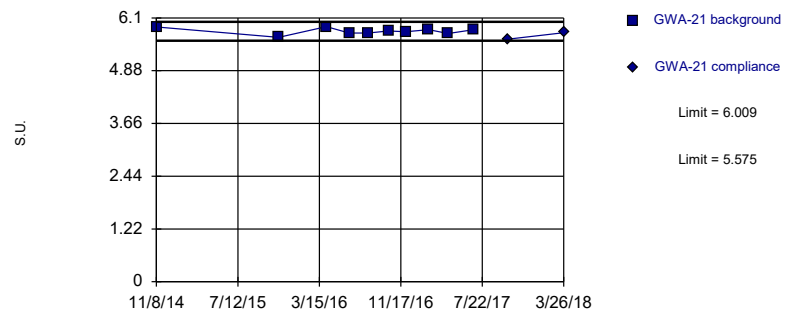
Background Data Summary: Mean=0.006593, Std. Dev.=0.0007136, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9402, critical = 0.835. Kappa overridden to 2.894.

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



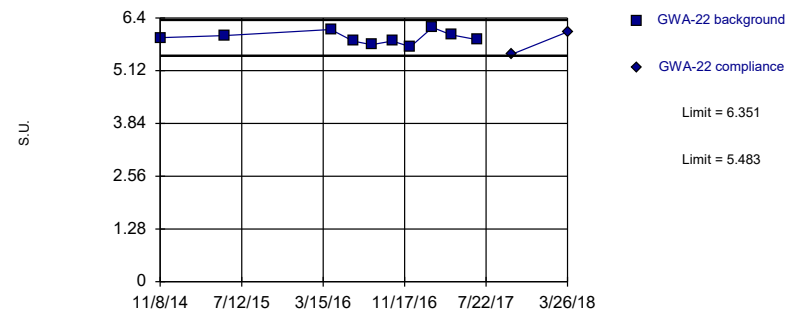
Background Data Summary: Mean=5.792, Std. Dev.=0.0751, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



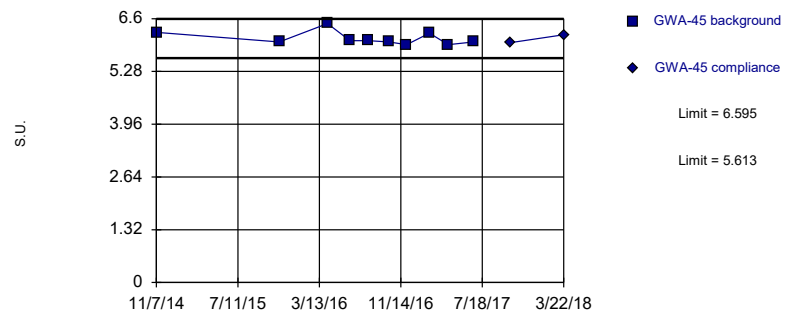
Background Data Summary: Mean=5.917, Std. Dev.=0.15, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



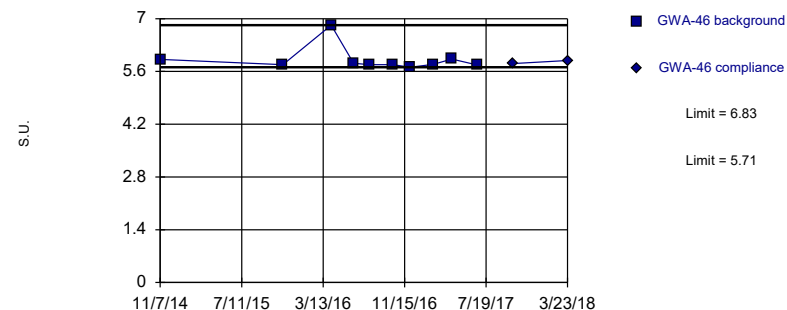
Background Data Summary: Mean=6.104, Std. Dev.=0.1695, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8116, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



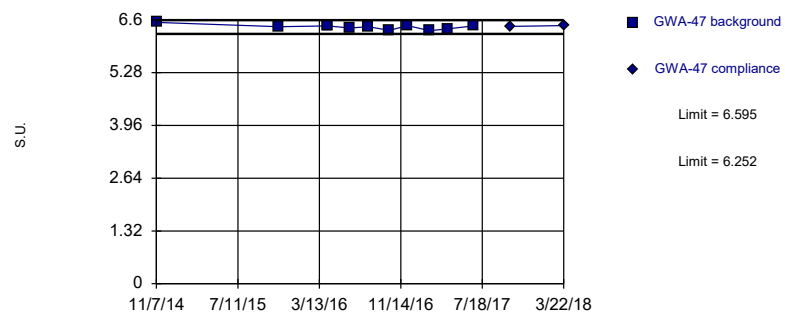
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 10 background values. Well-constituent pair annual alpha = 0.0586. Individual comparison alpha = 0.02952 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



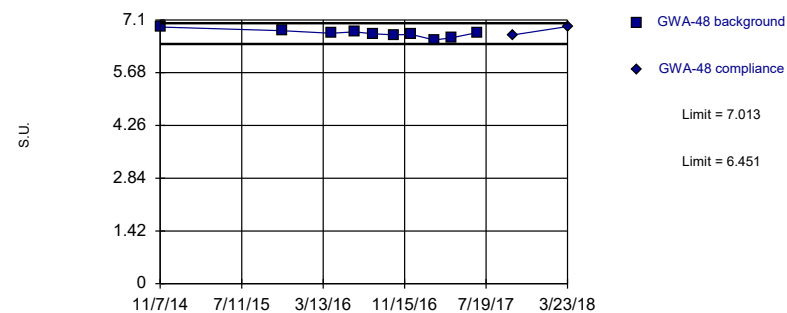
Background Data Summary: Mean=6.424, Std. Dev.=0.05938, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



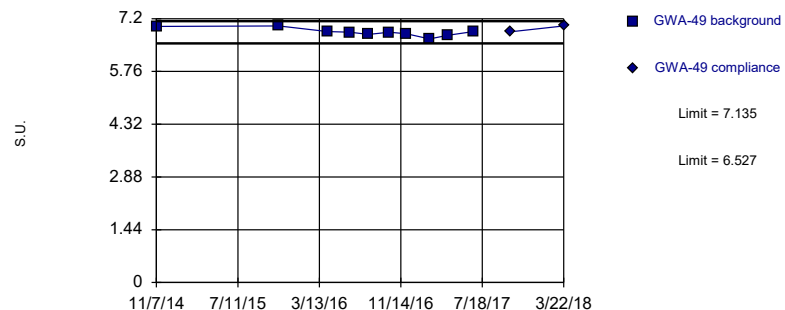
Background Data Summary: Mean=6.732, Std. Dev.=0.09693, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



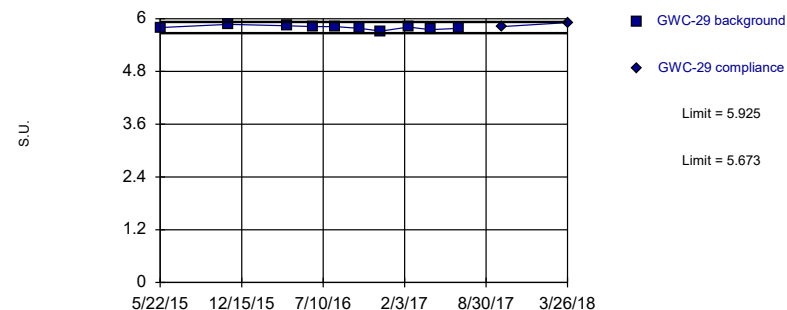
Background Data Summary: Mean=6.831, Std. Dev.=0.105, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9327, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



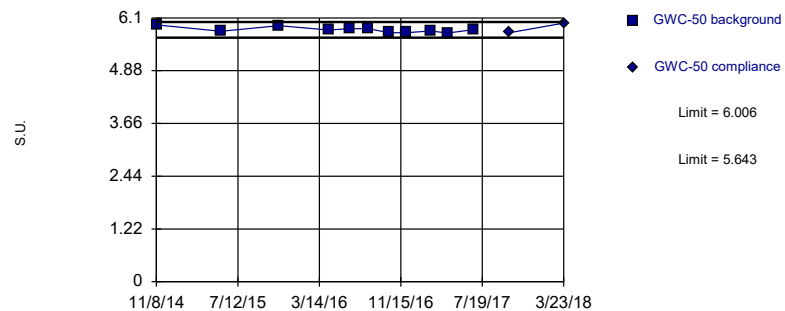
Background Data Summary: Mean=5.799, Std. Dev.=0.04358, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9822, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



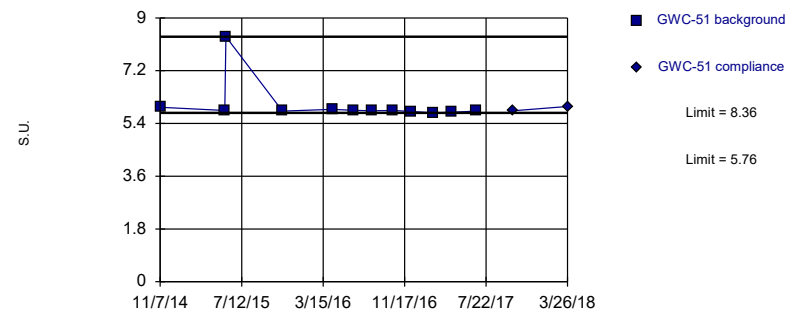
Background Data Summary: Mean=5.825, Std. Dev.=0.06283, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



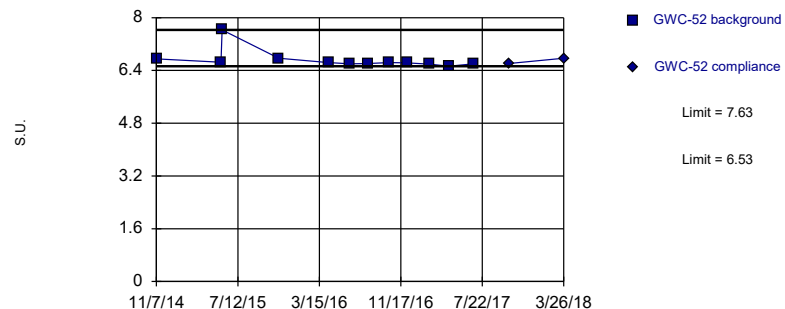
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



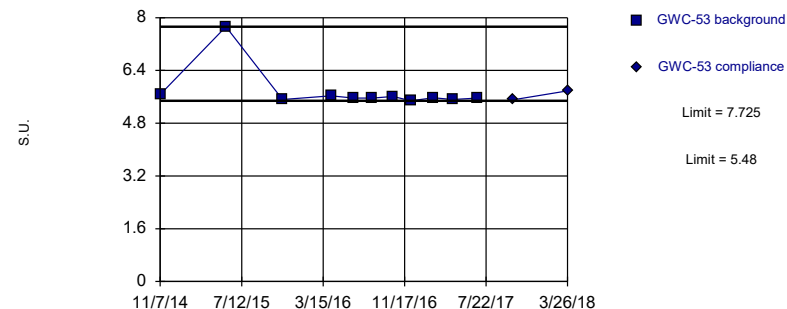
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric

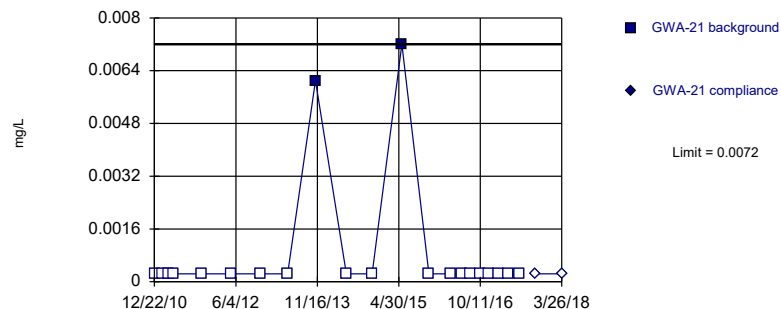


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

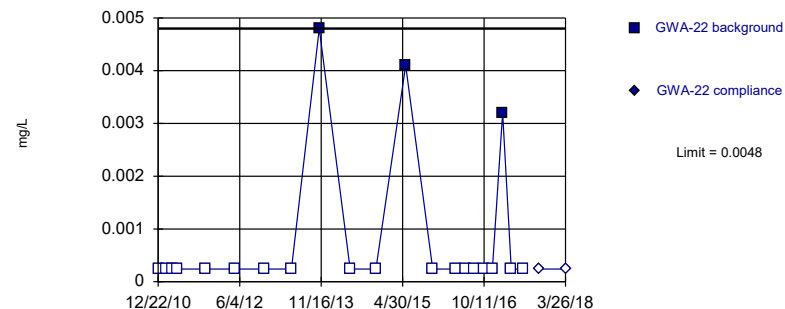


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

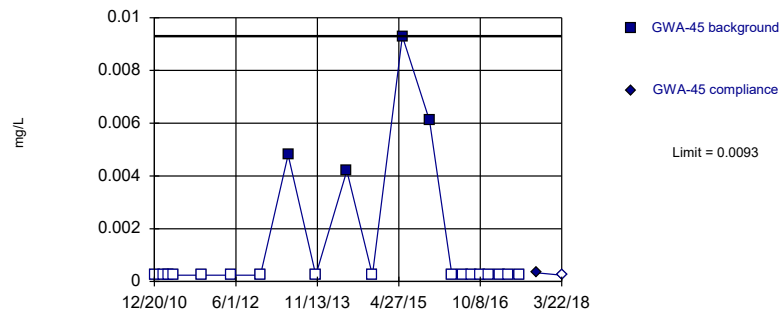


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

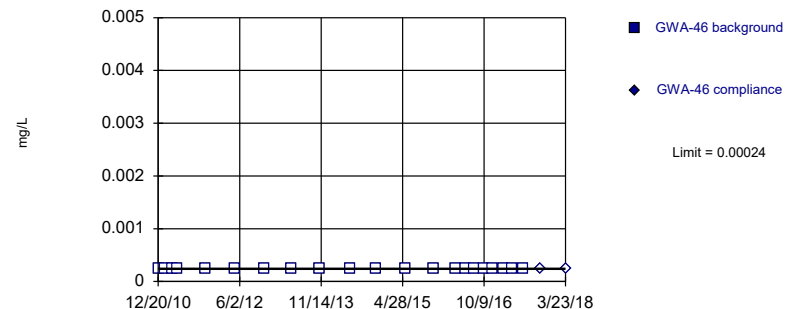


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

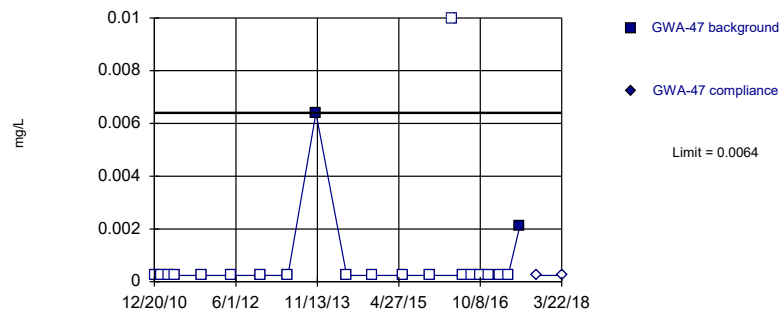


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

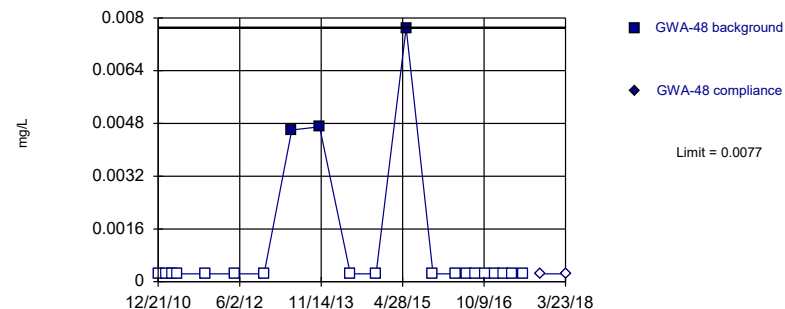


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

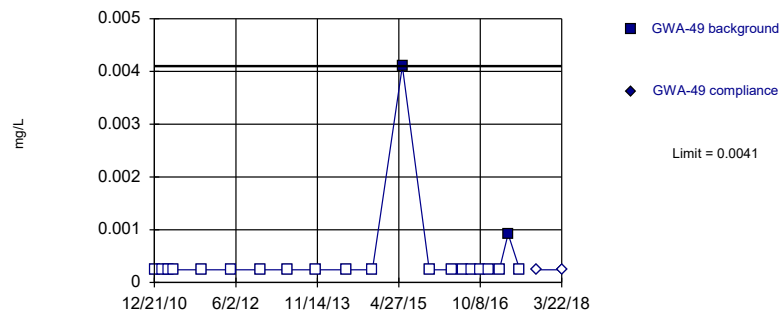


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

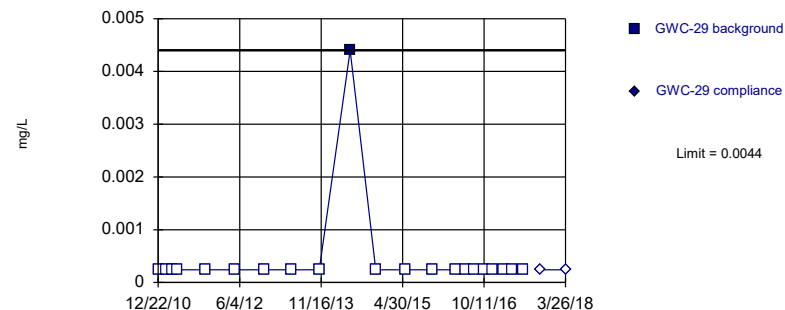


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

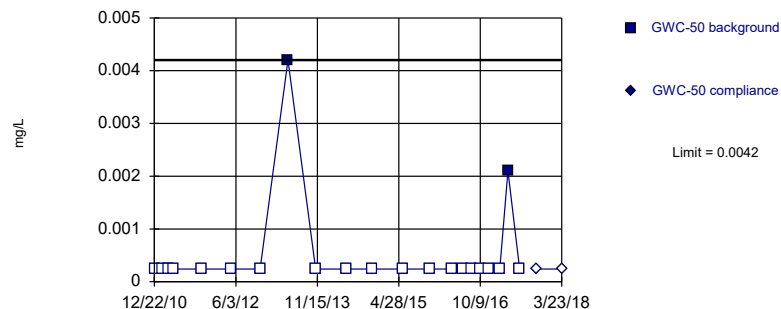


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

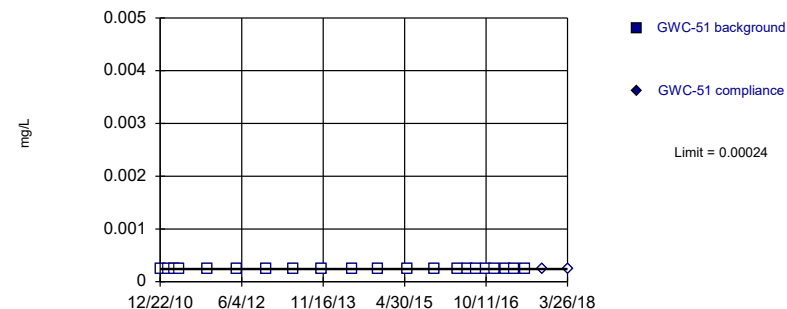


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

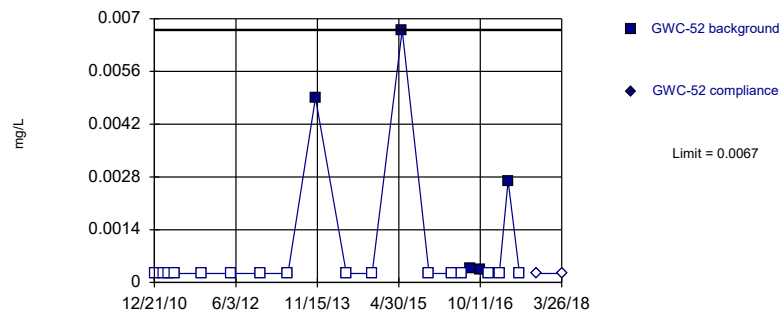


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

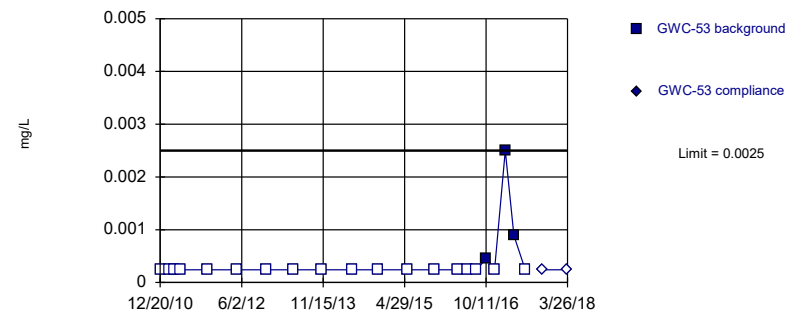


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

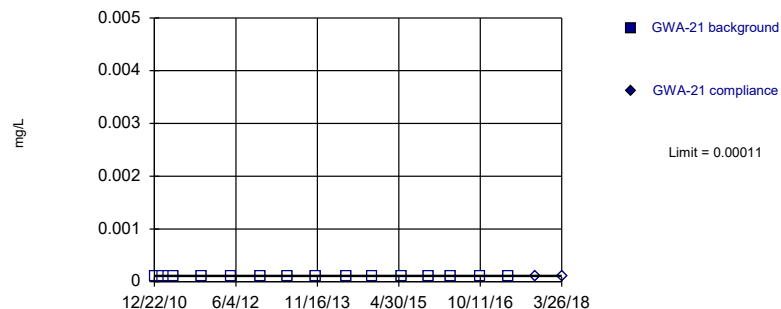


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

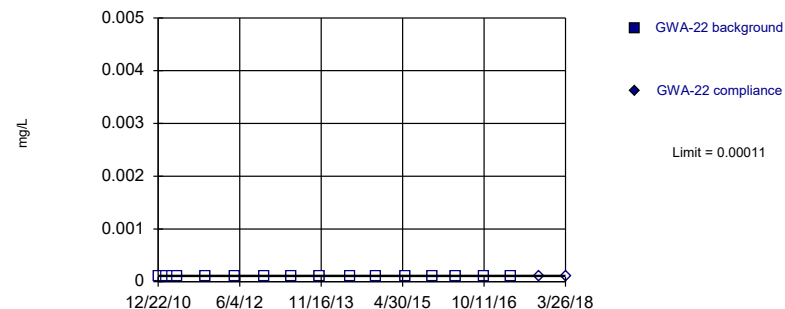


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

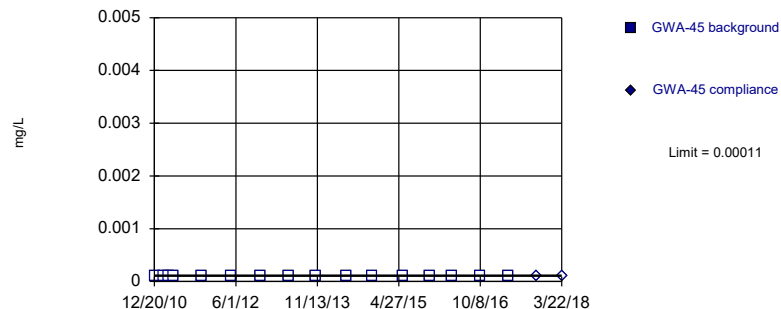


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

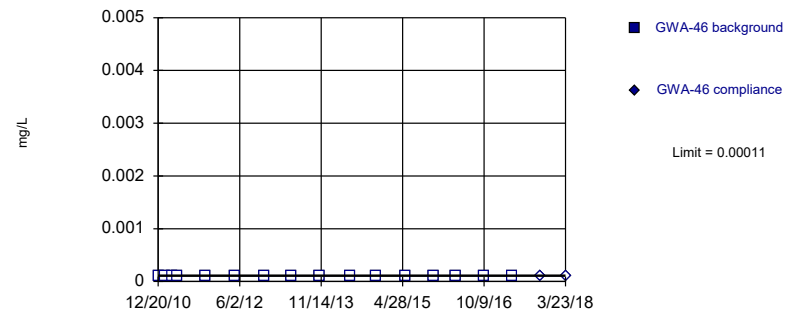


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

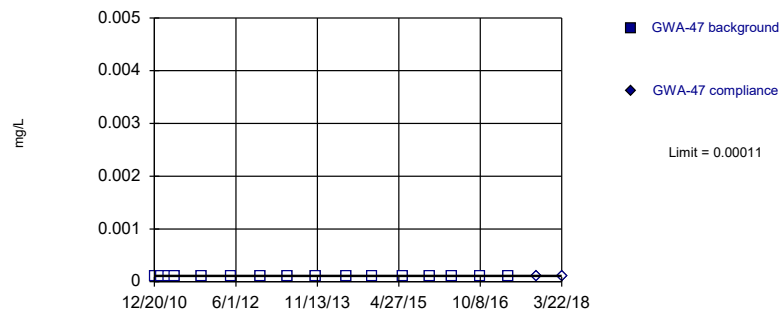


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

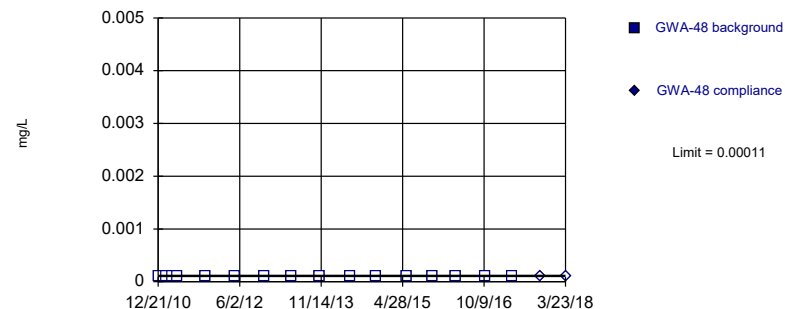


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

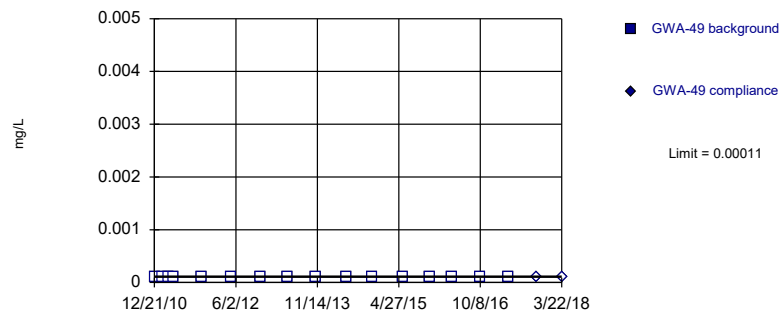


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

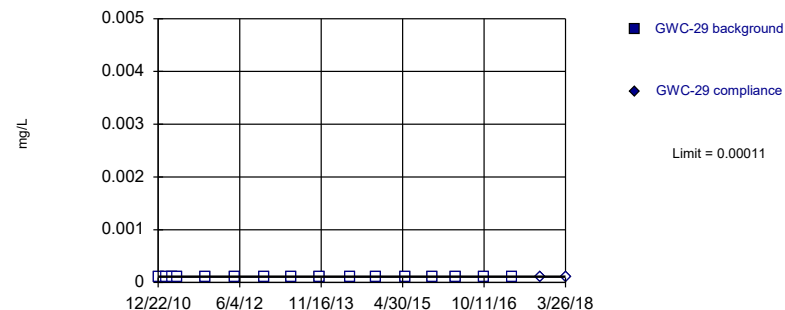


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

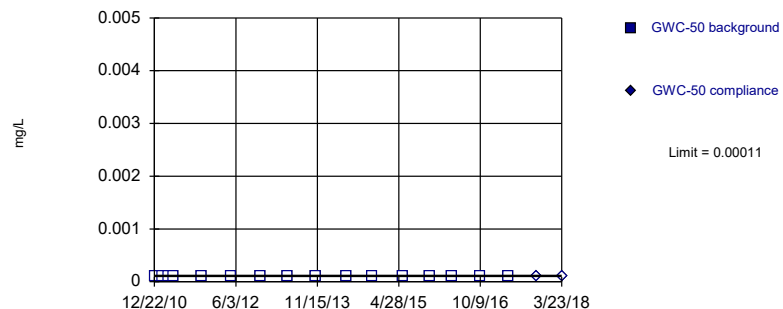


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

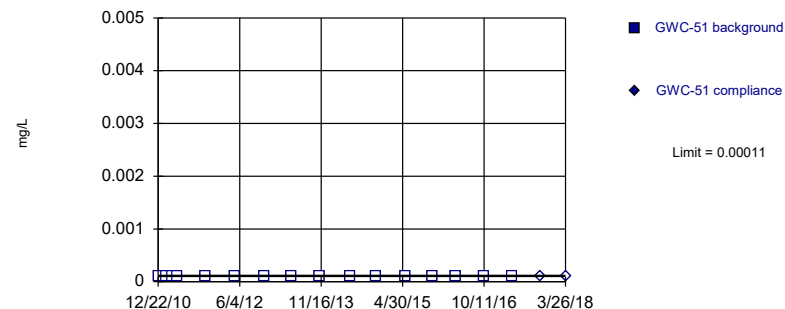


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

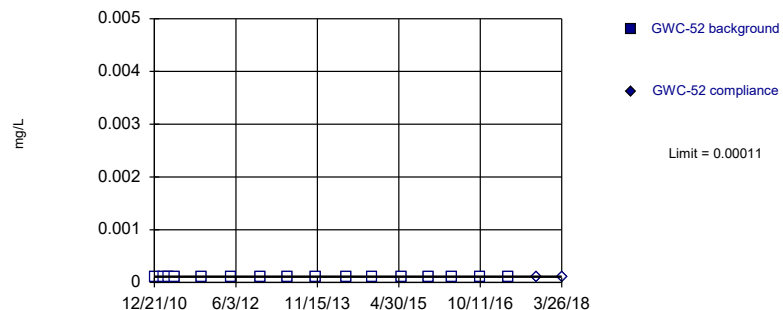


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

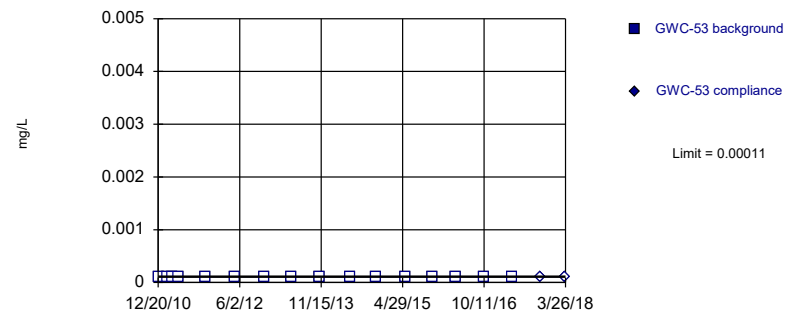


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



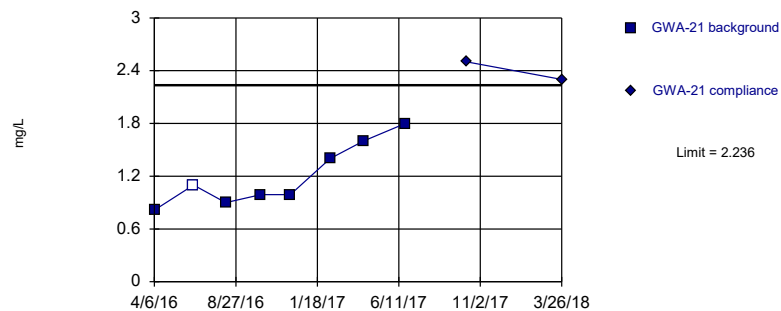
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



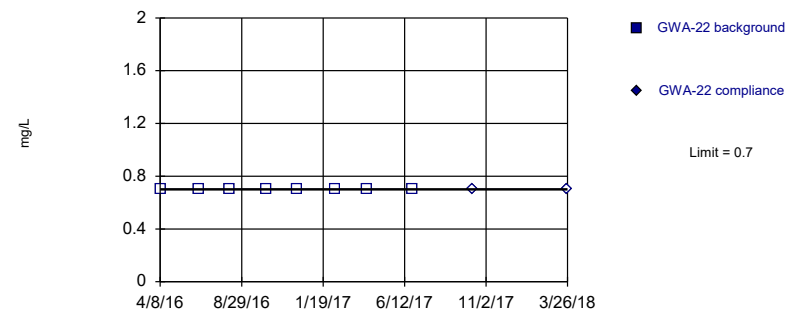
Background Data Summary: Mean=1.199, Std. Dev.=0.3582, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8949, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



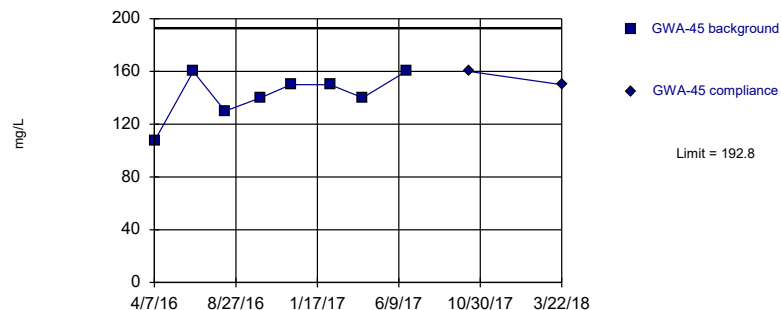
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



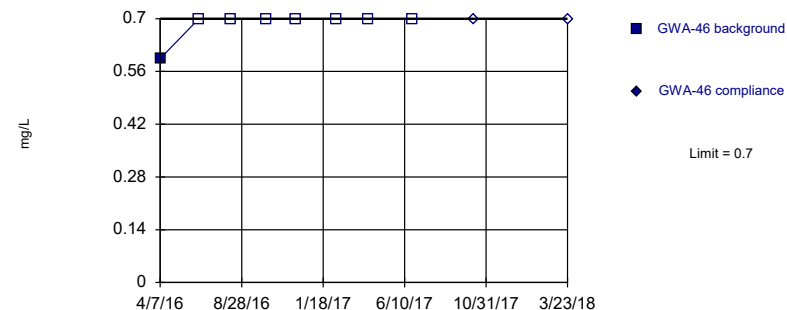
Background Data Summary: Mean=142.1, Std. Dev.=17.51, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

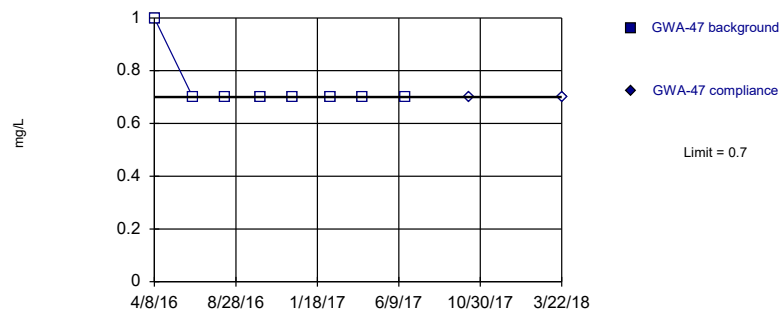


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

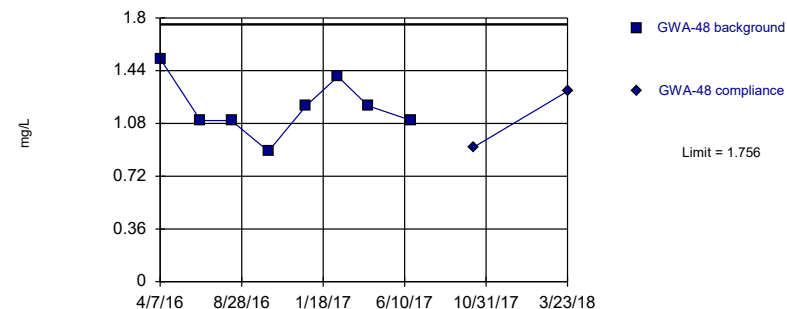


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

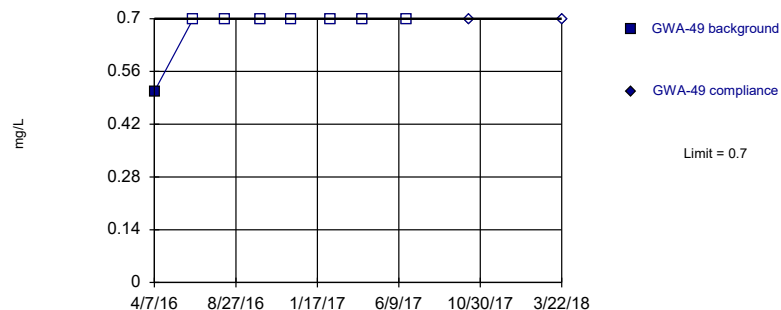


Background Data Summary: Mean=1.189, Std. Dev.=0.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

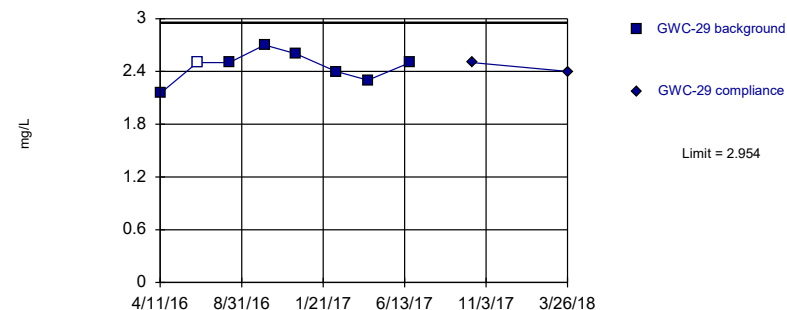


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

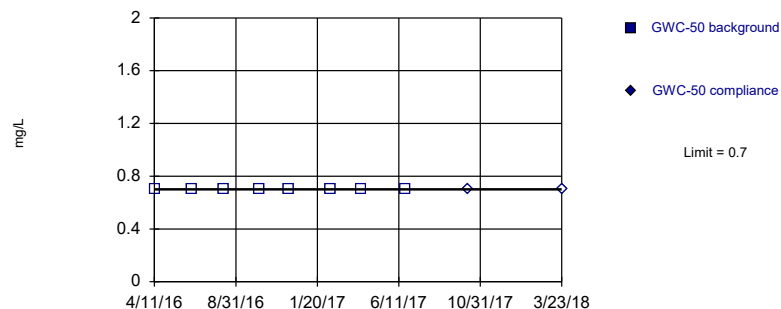


Background Data Summary: Mean=2.456, Std. Dev.=0.172, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9567, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

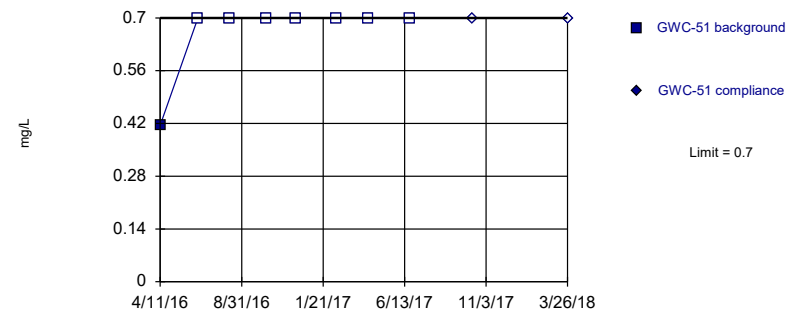


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

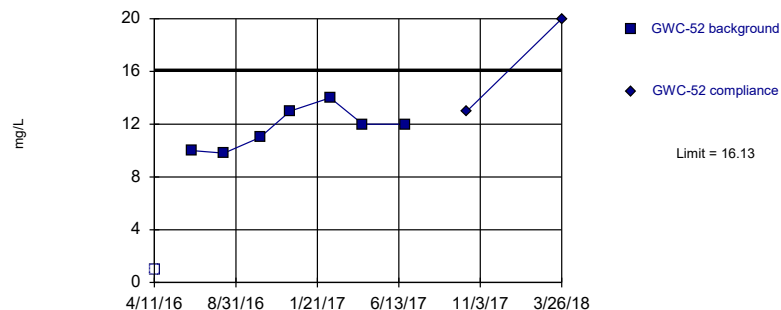


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

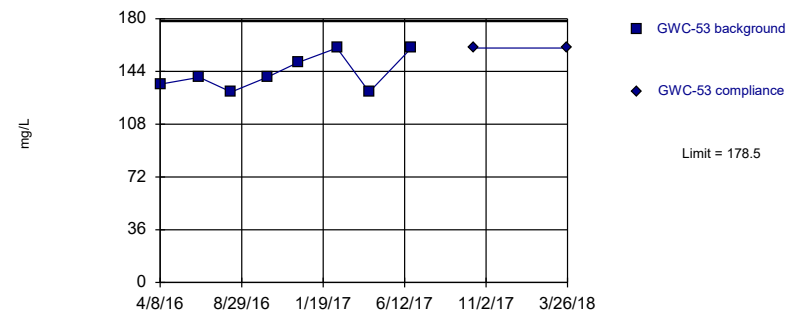


Background Data Summary: Mean=11.69, Std. Dev.=1.536, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.73. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

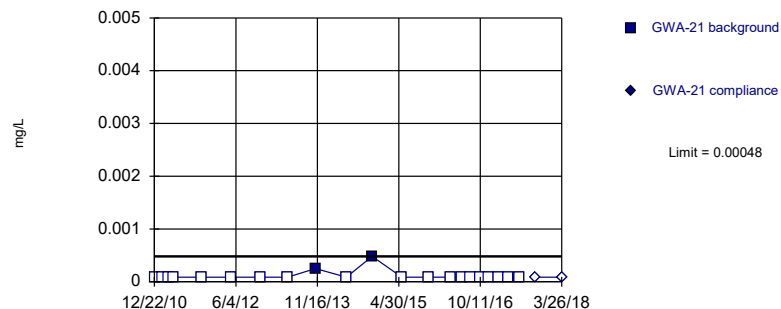


Background Data Summary: Mean=143.2, Std. Dev.=12.2, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.876, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

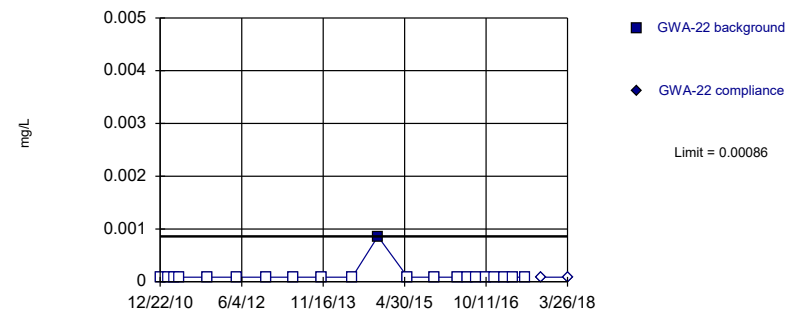


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

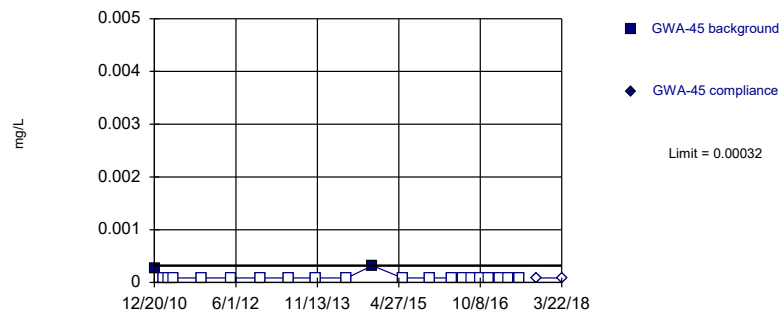


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

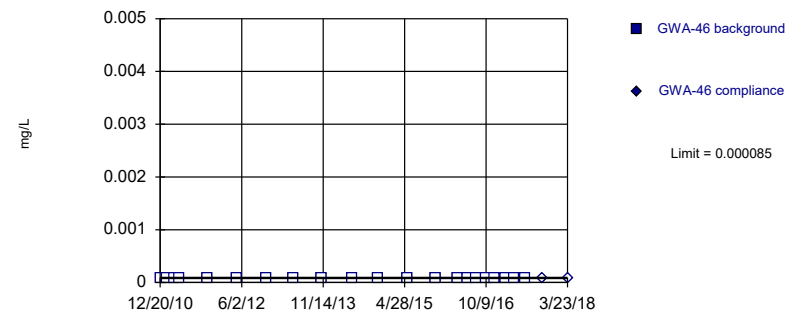


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

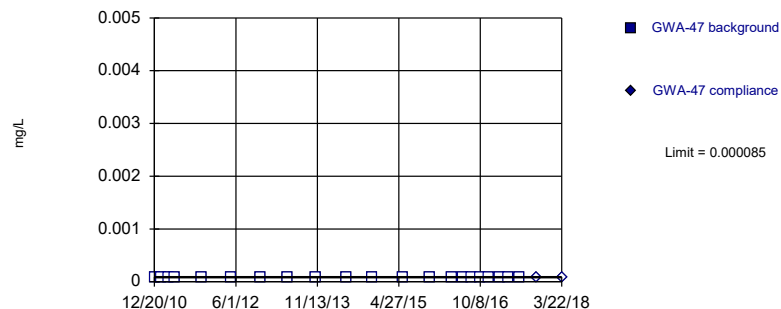


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

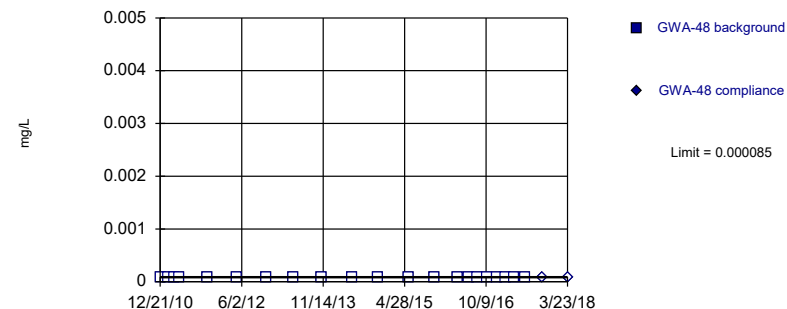


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

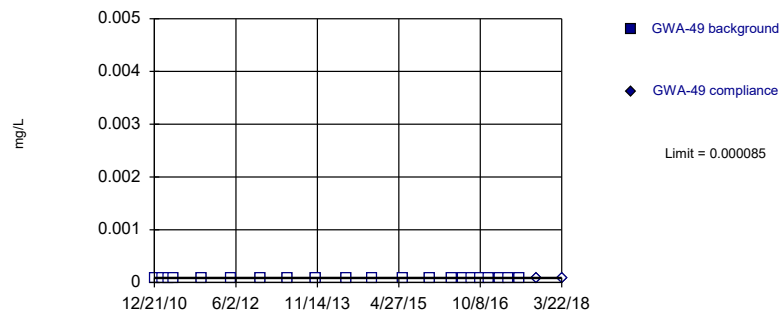


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

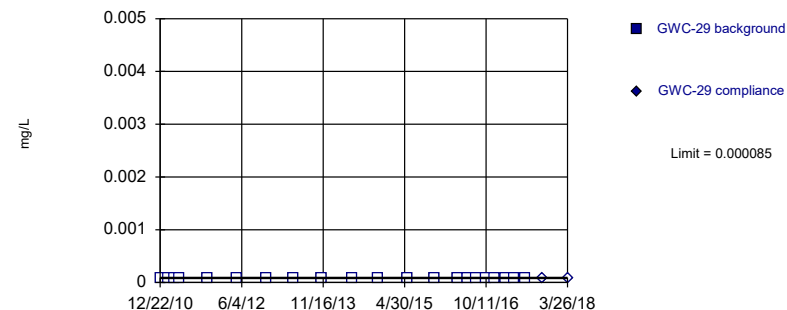


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

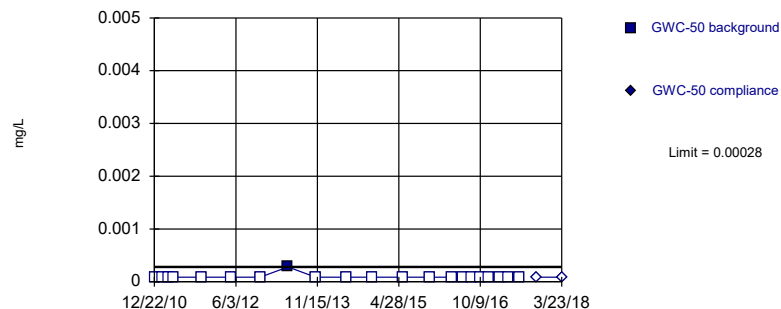


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

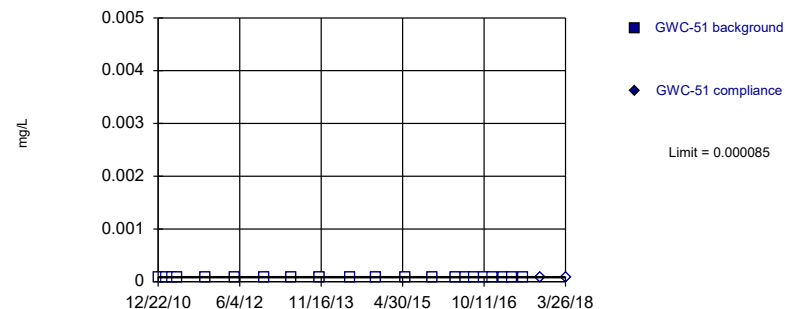


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

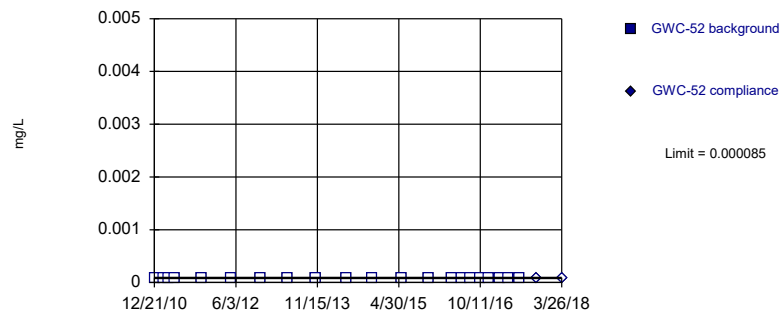


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

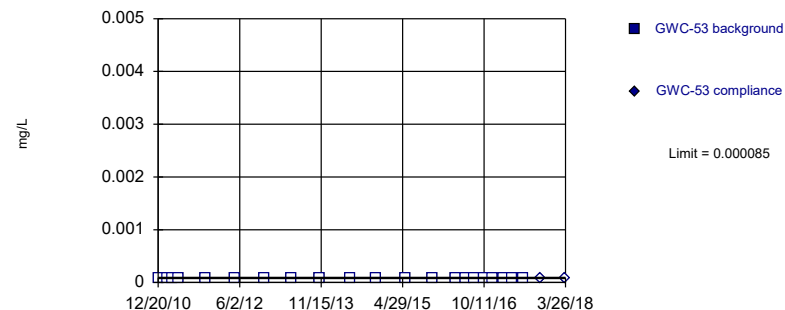


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



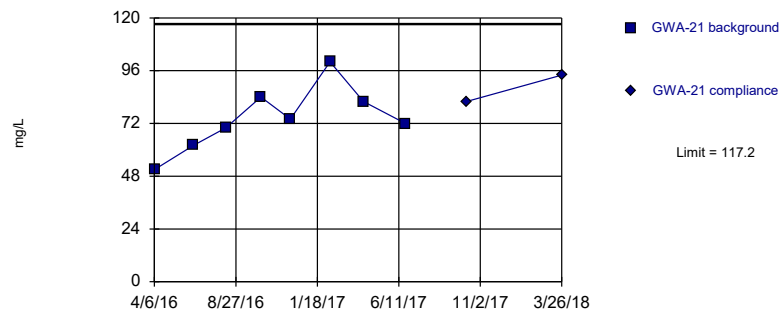
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



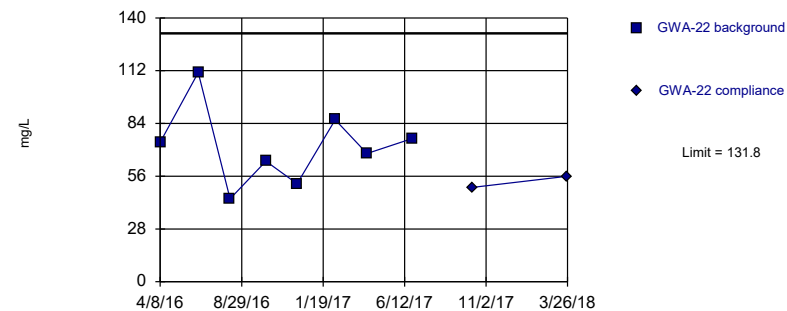
Background Data Summary: Mean=74.38, Std. Dev.=14.79, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9837, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



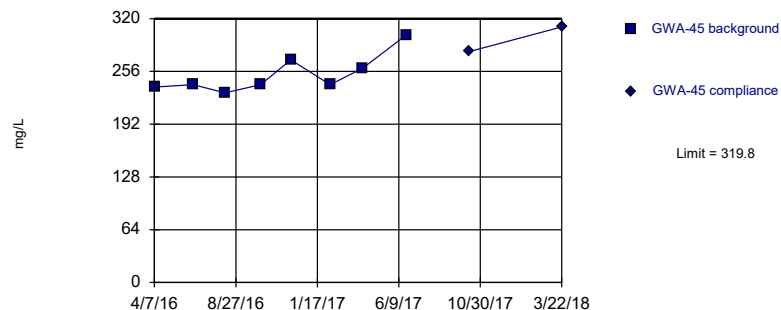
Background Data Summary: Mean=71.88, Std. Dev.=20.7, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=252.1, Std. Dev.=23.4, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8267, critical = 0.749. Kappa overridden to 2.894.

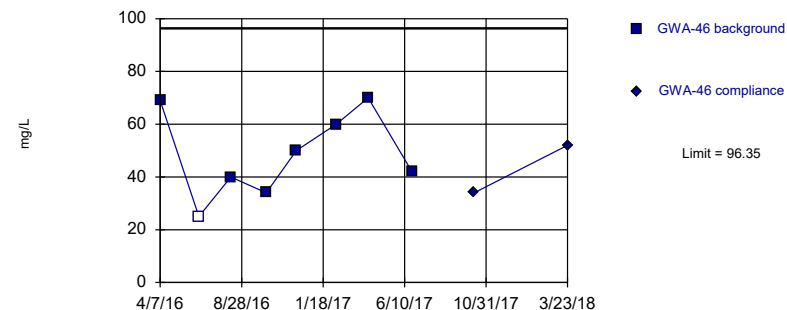
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



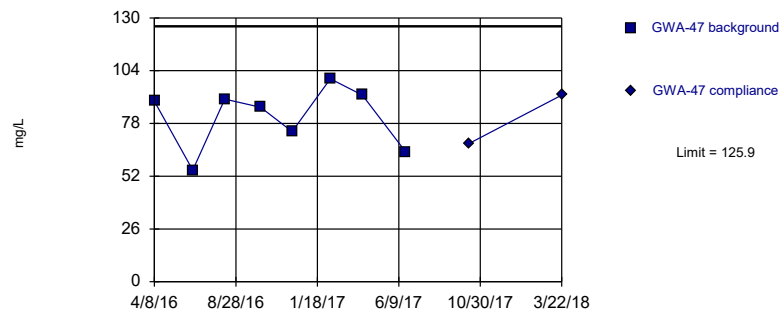
Background Data Summary: Mean=48.75, Std. Dev.=16.45, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



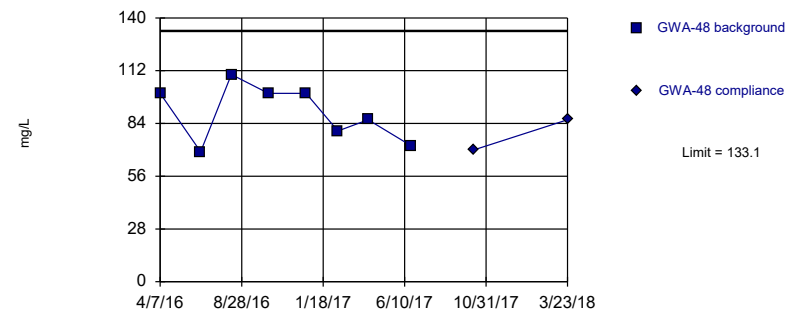
Background Data Summary: Mean=81.25, Std. Dev.=15.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9156, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



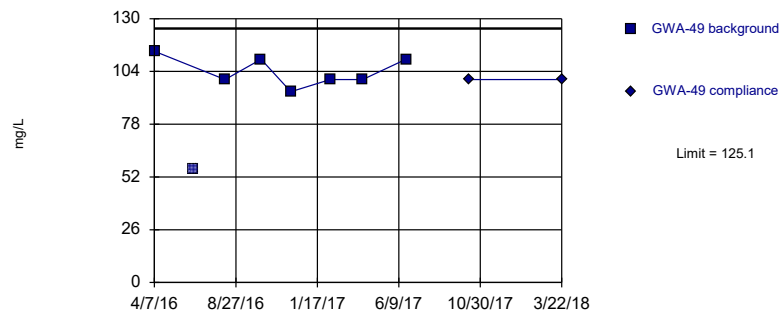
Background Data Summary: Mean=89.63, Std. Dev.=15.02, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



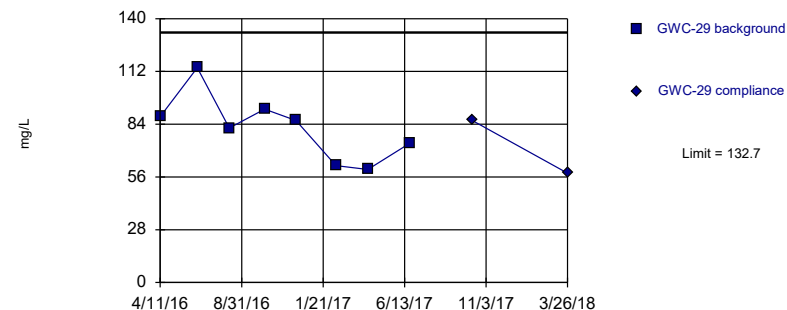
Background Data Summary: Mean=104, Std. Dev.=7.303, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8923, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



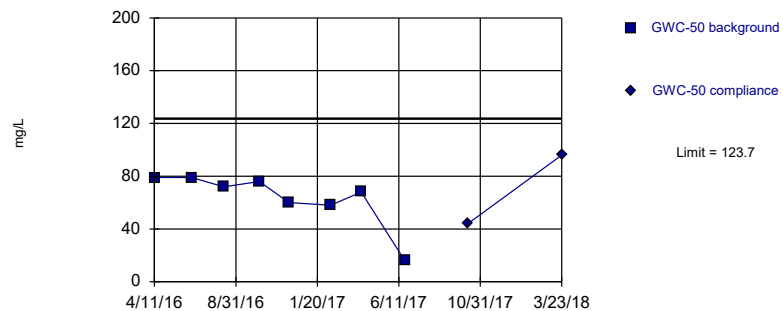
Background Data Summary: Mean=82.25, Std. Dev.=17.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



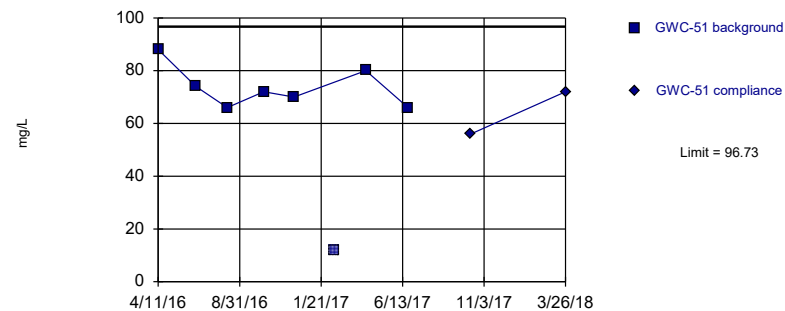
Background Data Summary: Mean=63.5, Std. Dev.=20.8, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7541, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



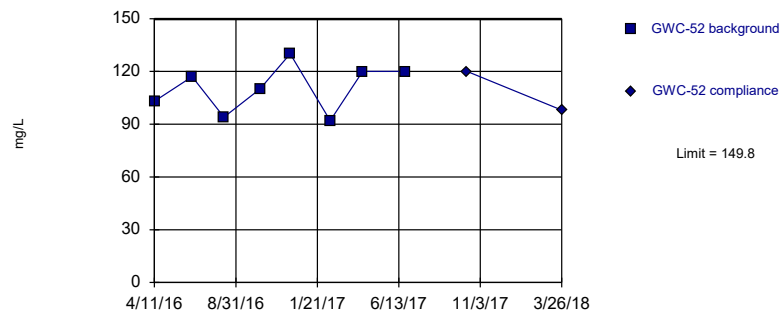
Background Data Summary: Mean=73.71, Std. Dev.=7.952, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9036, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



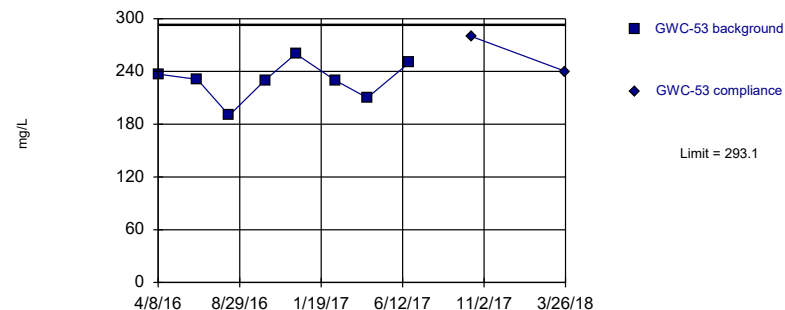
Background Data Summary: Mean=110.8, Std. Dev.=13.49, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric

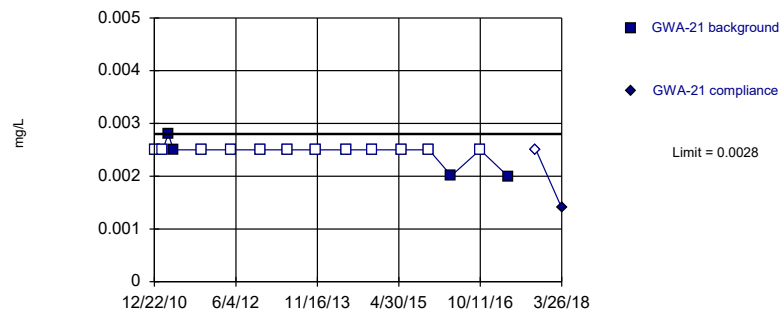


Background Data Summary: Mean=229.8, Std. Dev.=21.87, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

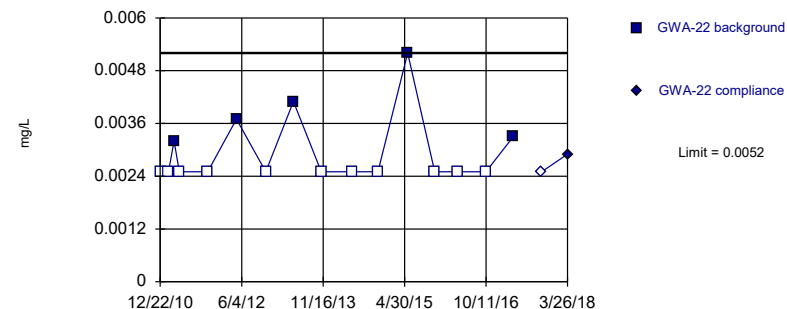


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

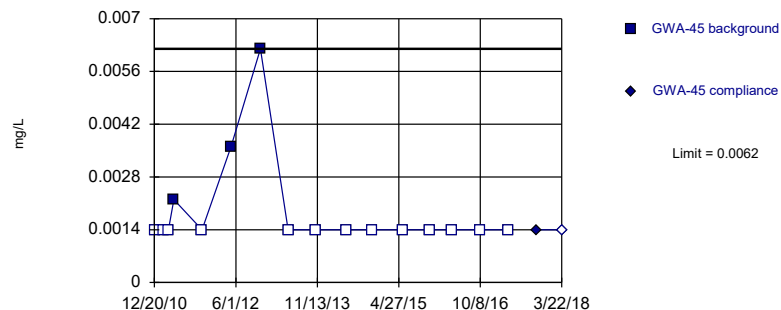


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

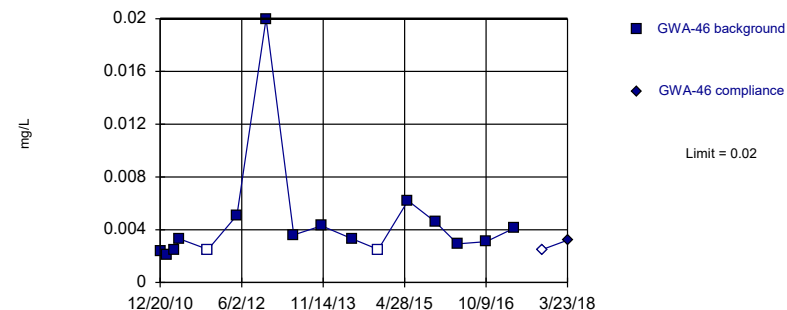


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



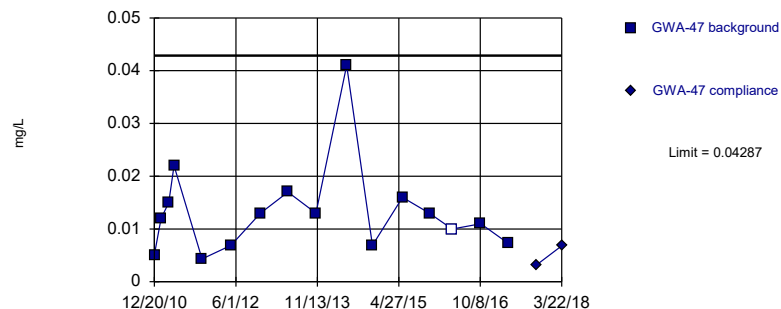
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



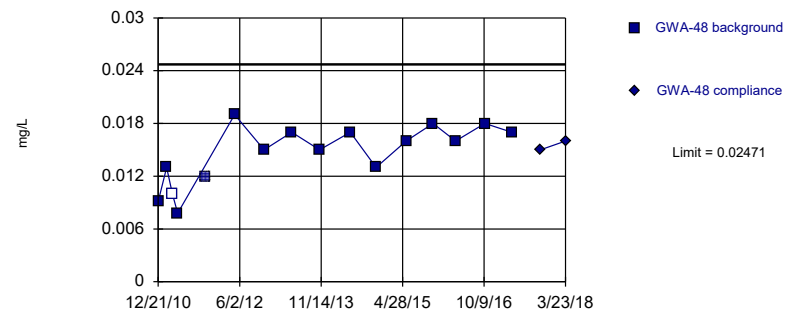
Background Data Summary (based on square root transformation): Mean=0.1109, Std. Dev.=0.03321, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



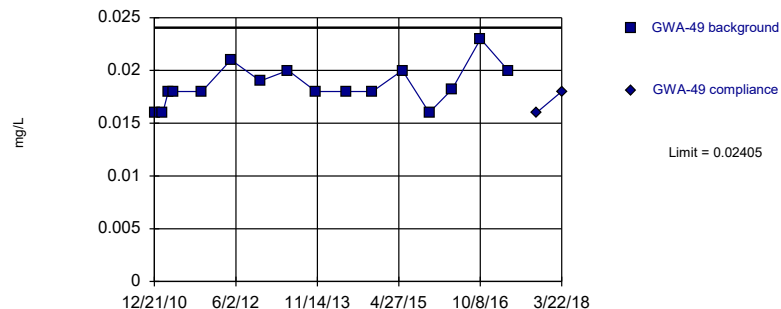
Background Data Summary: Mean=0.01473, Std. Dev.=0.003449, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8964, critical = 0.835. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



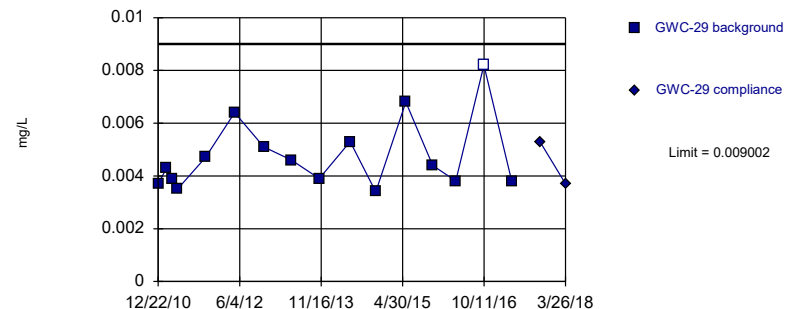
Background Data Summary: Mean=0.01858, Std. Dev.=0.001893, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric

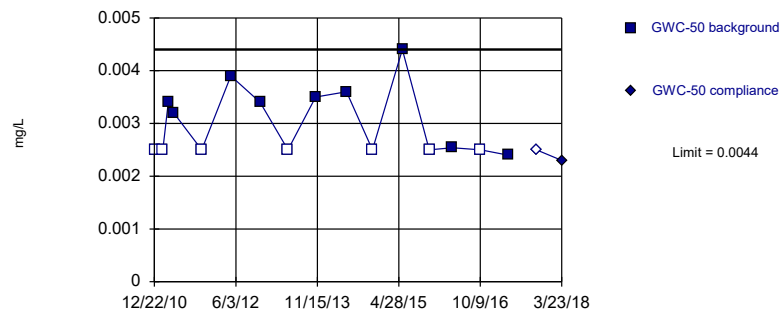


Background Data Summary (based on square root transformation): Mean=0.06826, Std. Dev.=0.009199, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8744, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

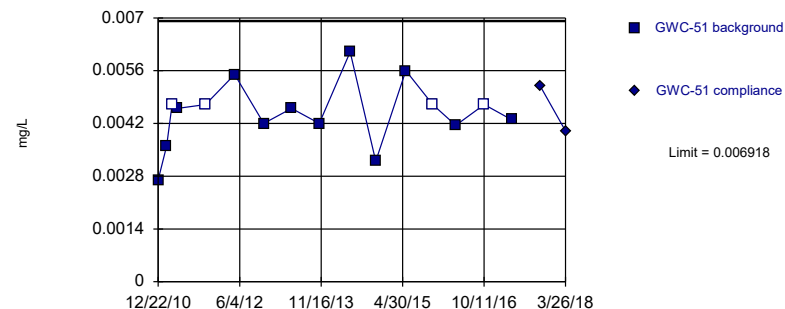


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

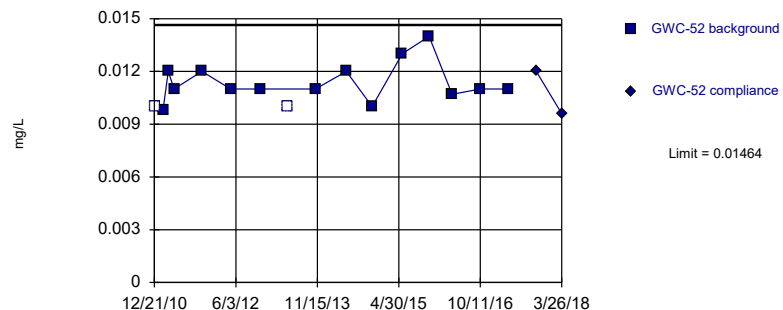


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004128, Std. Dev.=0.0009643, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.953, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

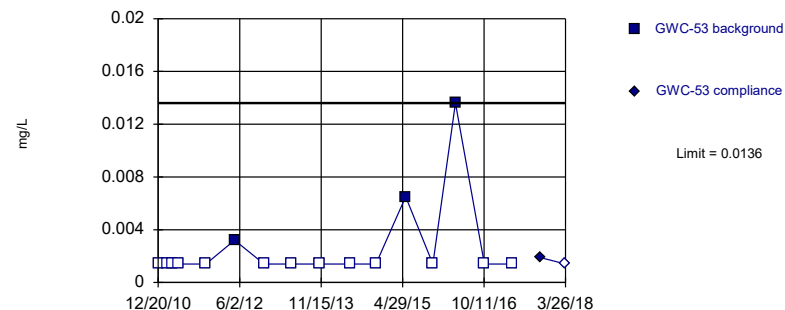


Background Data Summary: Mean=0.01139, Std. Dev.=0.001122, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.825. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

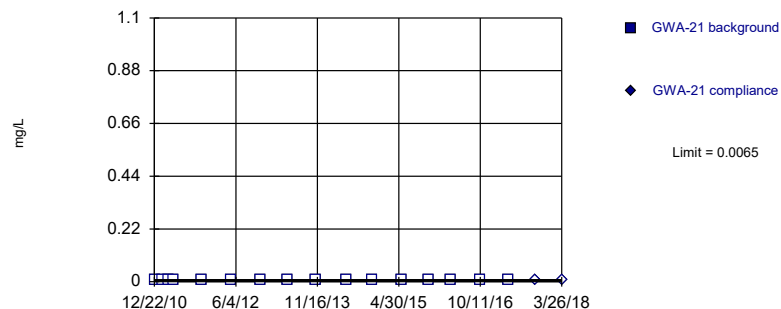


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

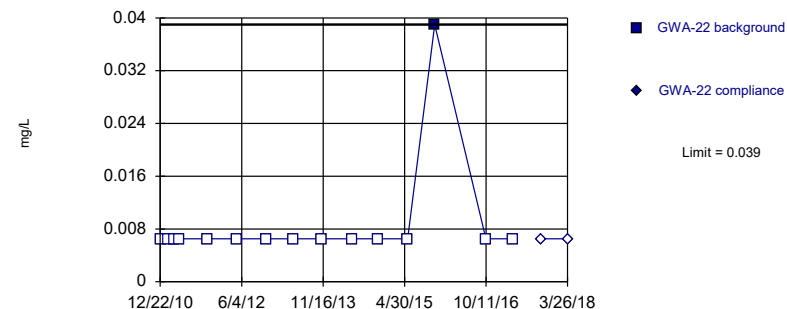


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

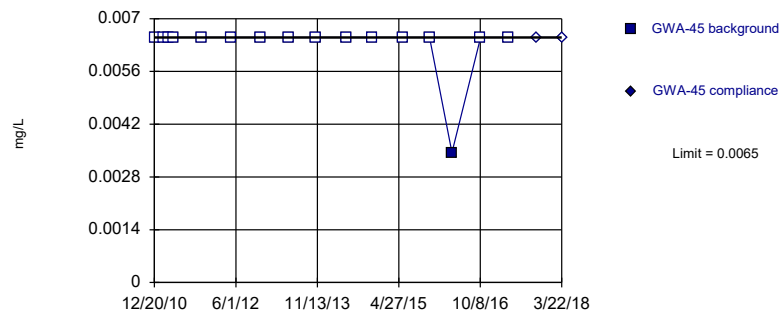


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

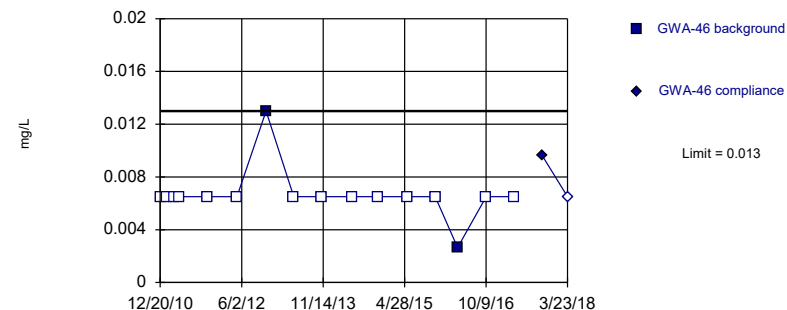


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

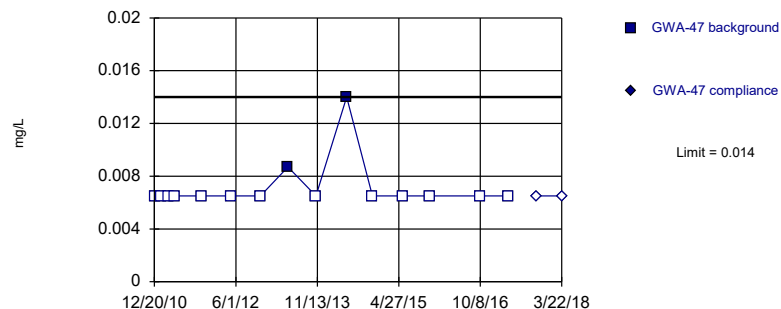


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

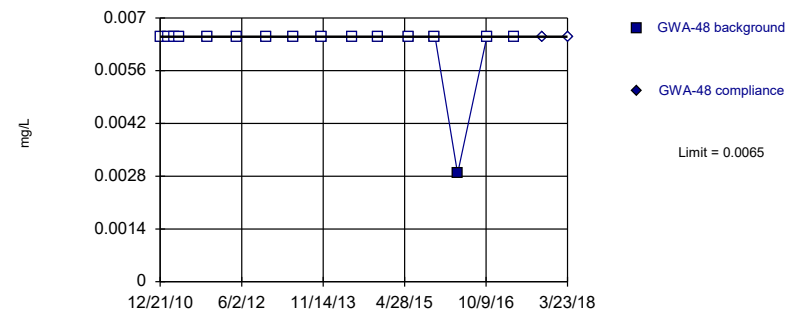


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

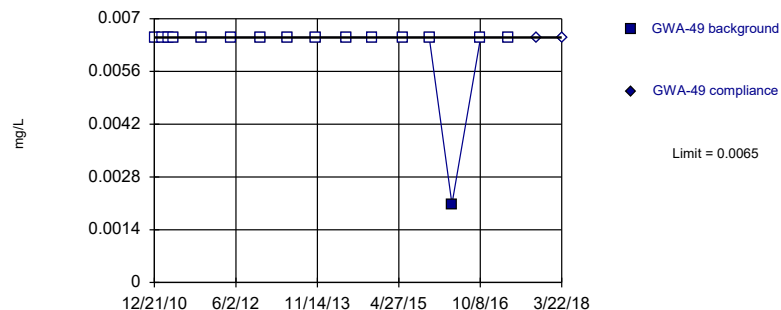


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

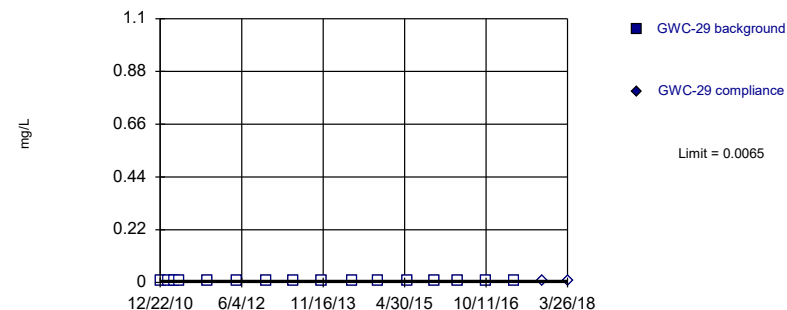


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

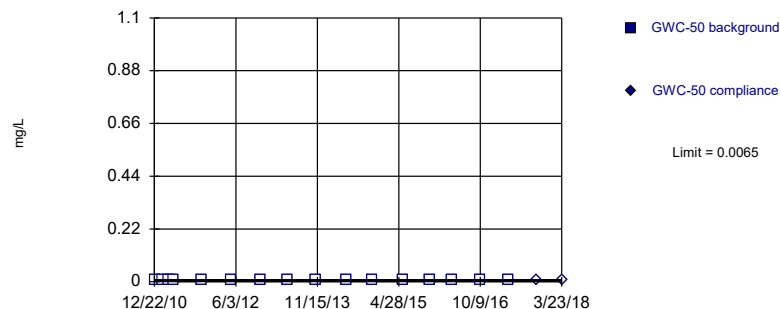


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

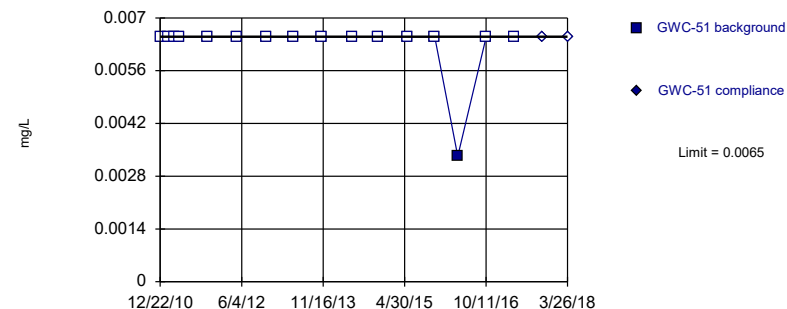


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

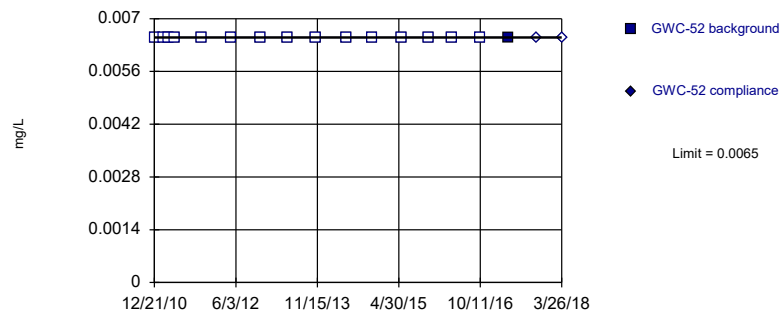


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

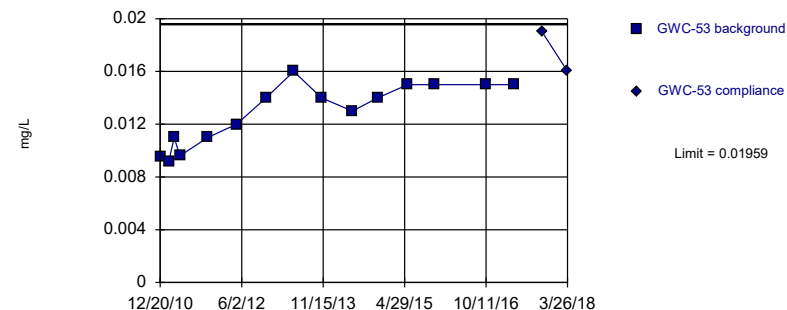


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

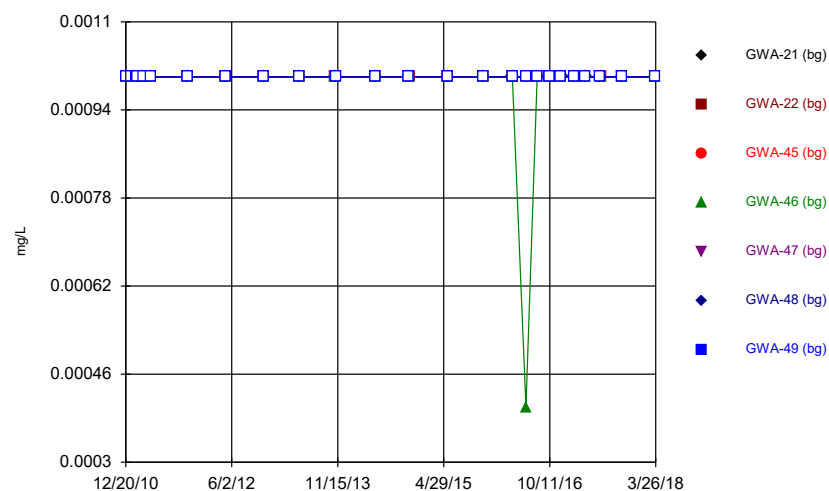
Prediction Limit Intrawell Parametric



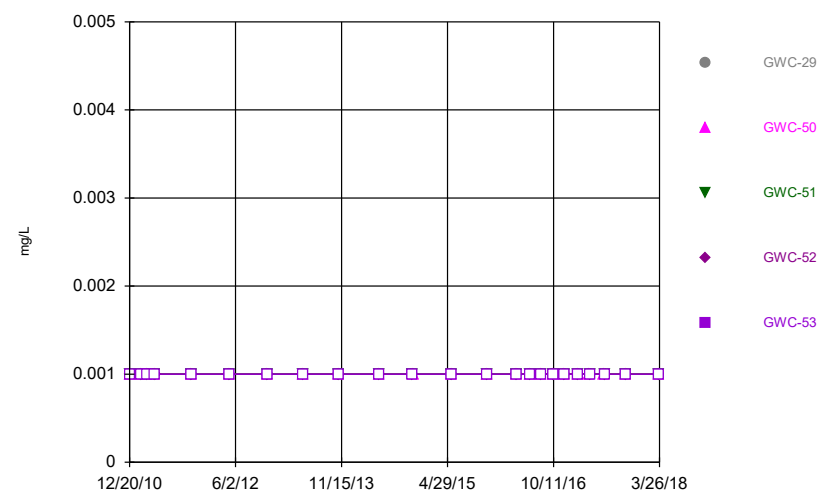
Background Data Summary: Mean=0.01289, Std. Dev.=0.002315, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8913, critical = 0.835. Kappa overridden to 2.894.

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

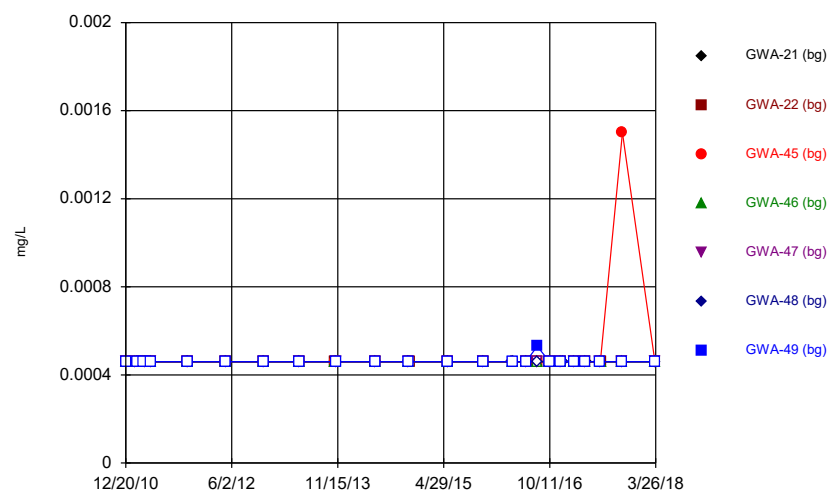
Time Series



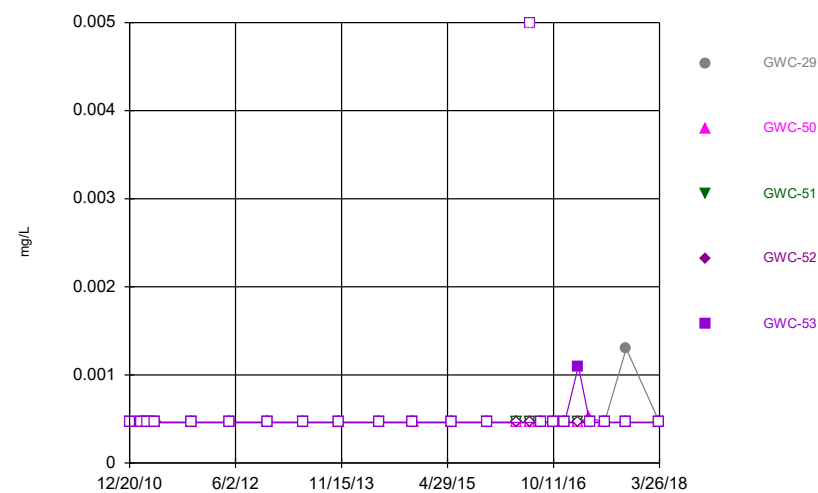
Time Series



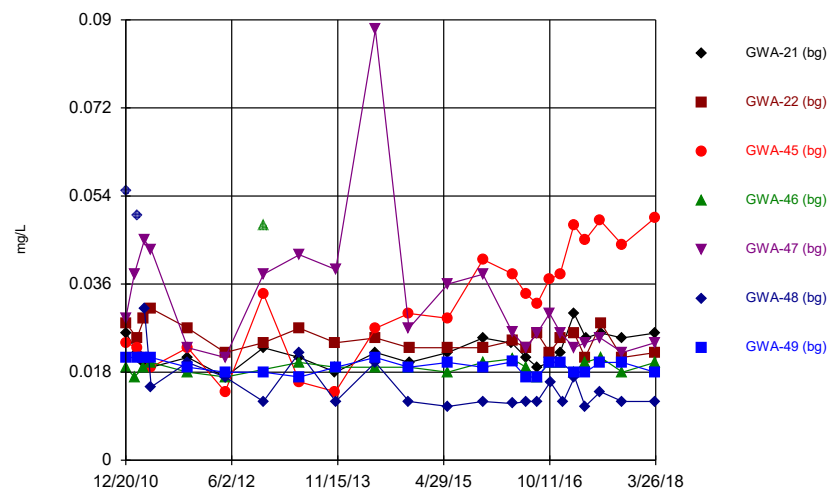
Time Series



Time Series

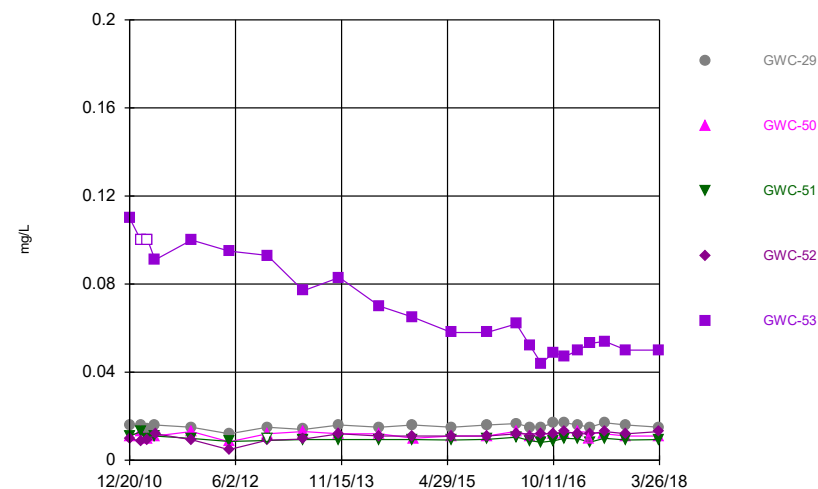


Time Series



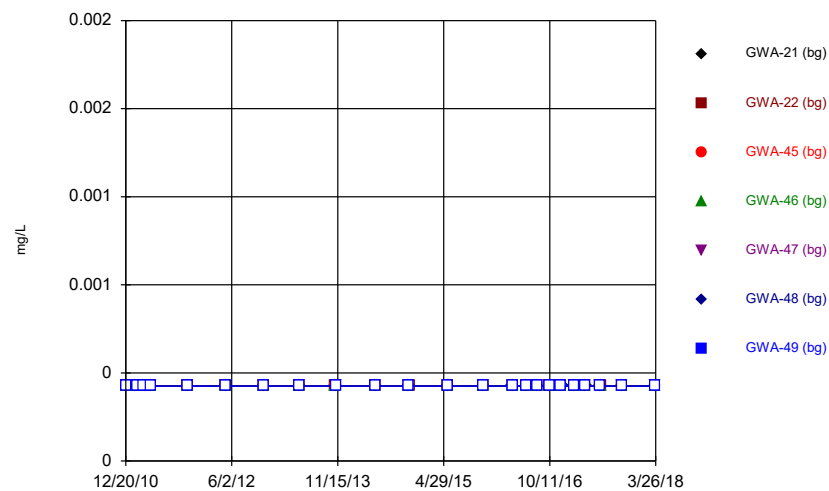
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



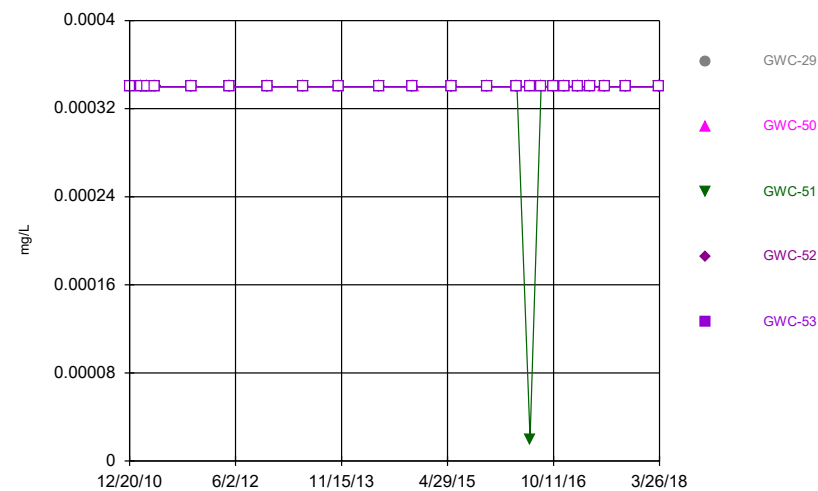
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



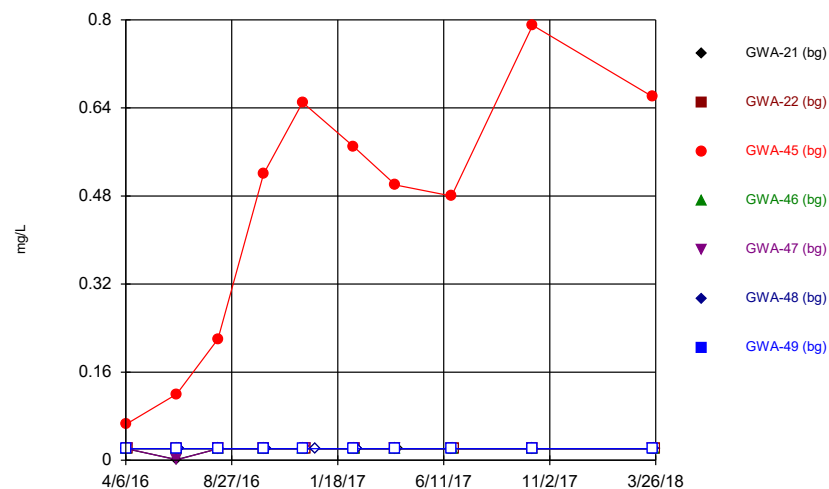
Constituent: Beryllium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series

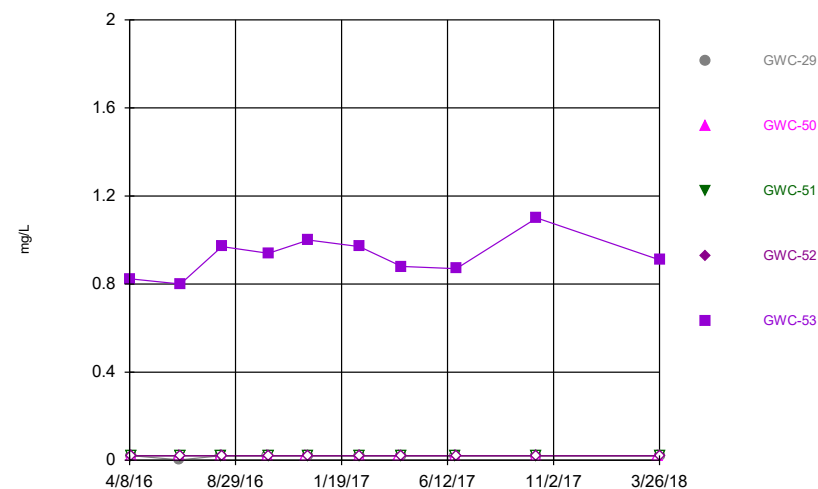


Constituent: Beryllium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

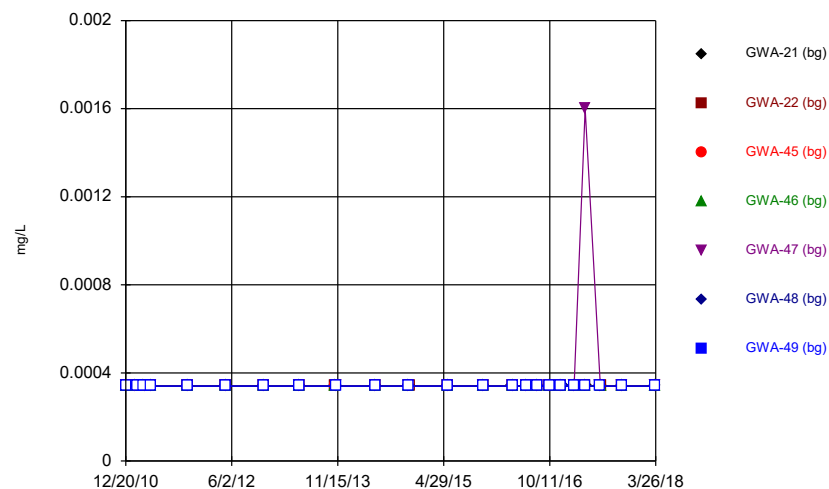
Time Series



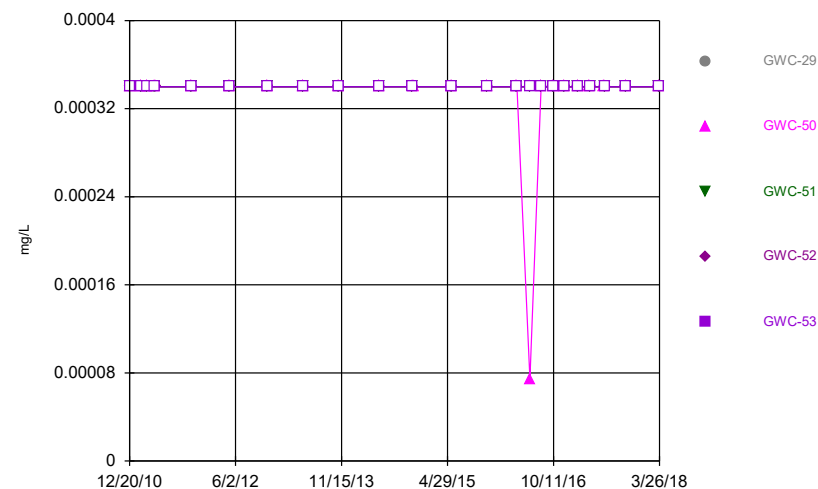
Time Series



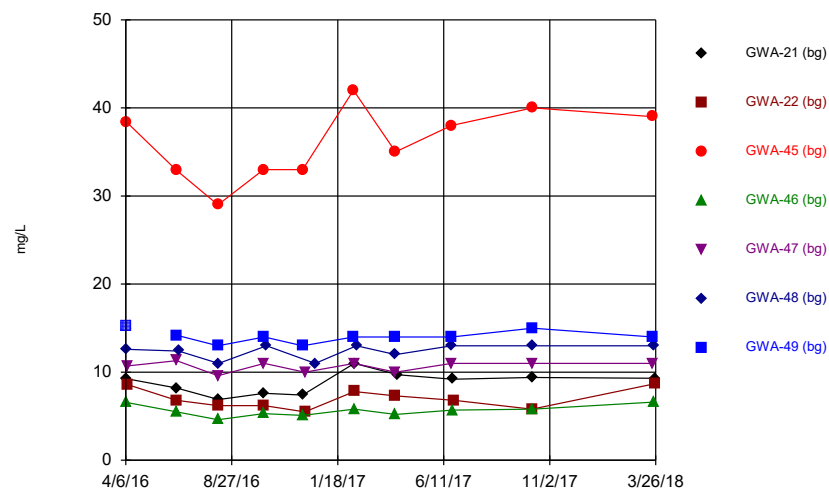
Time Series



Time Series

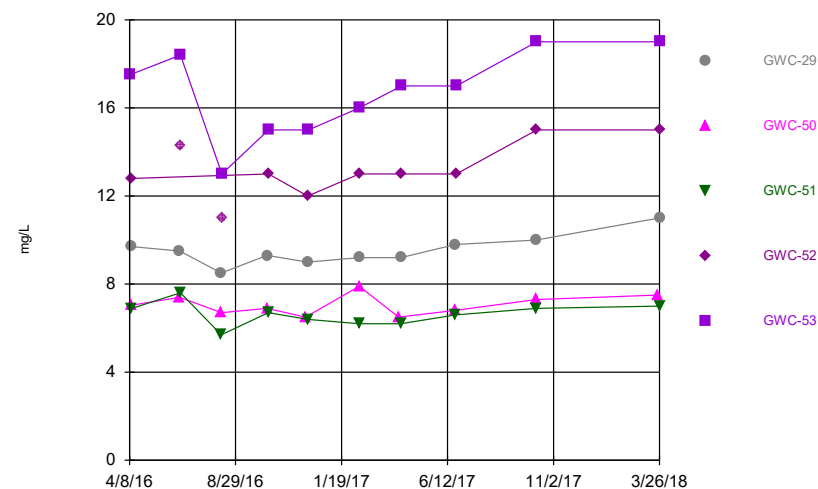


Time Series



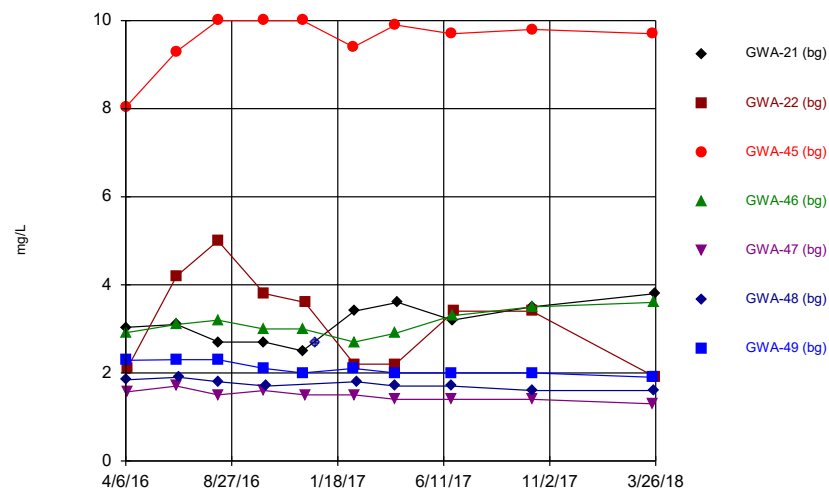
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



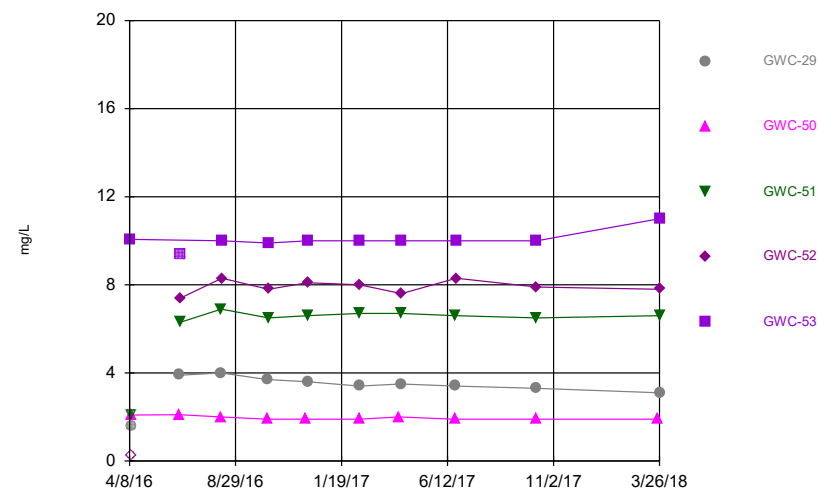
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



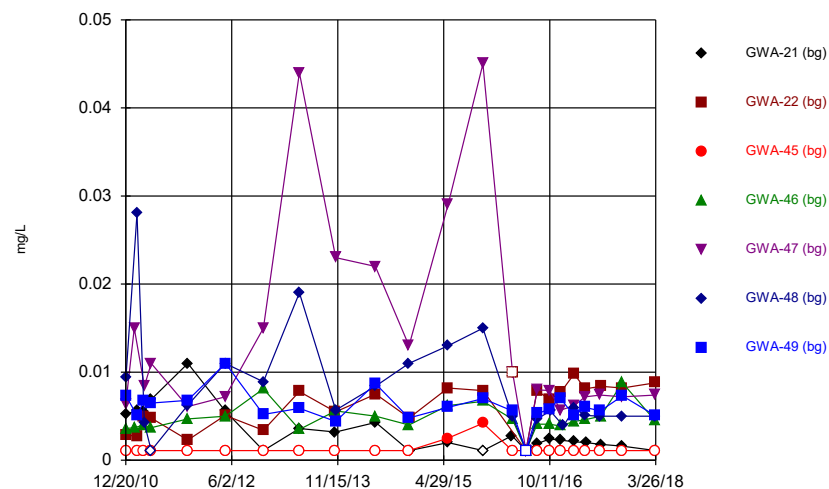
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



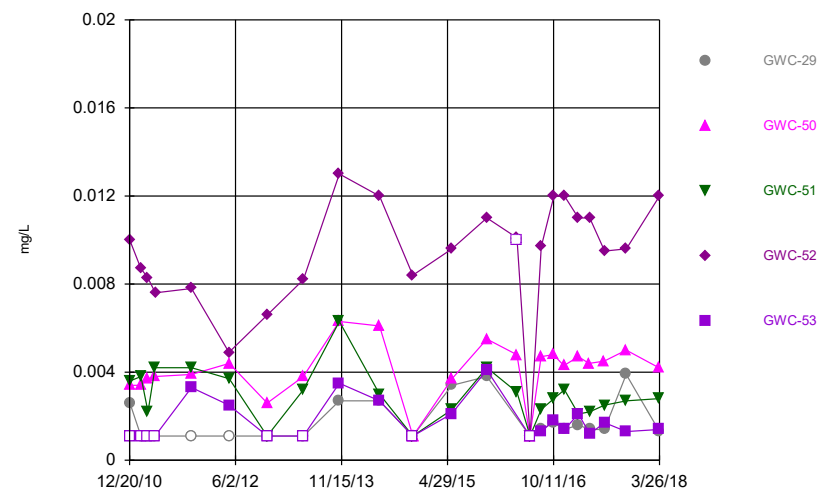
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



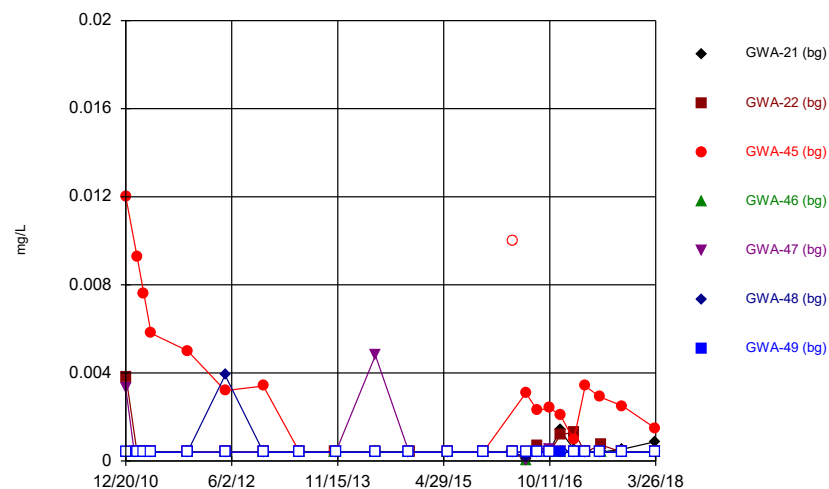
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



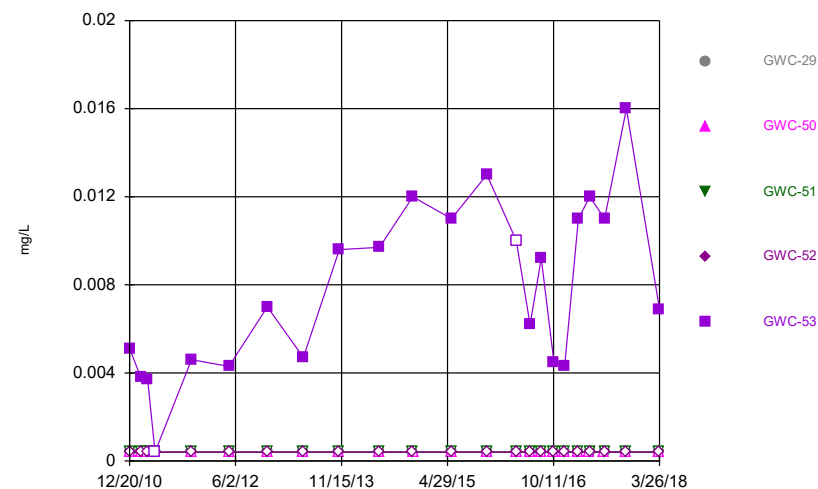
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



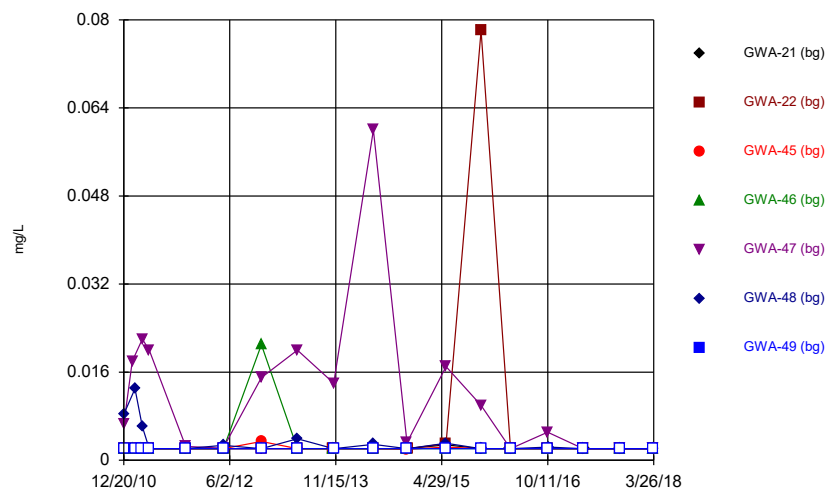
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series

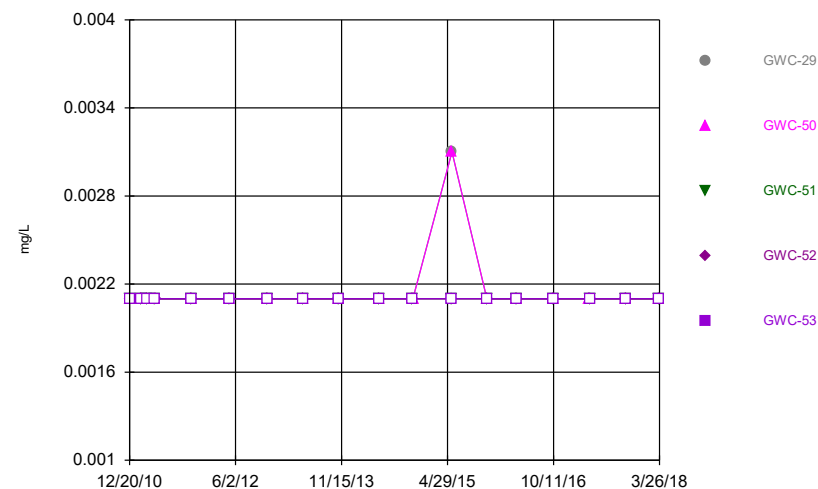


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Scherer Client: Golder Associates Data: Scherer PAC_CCR

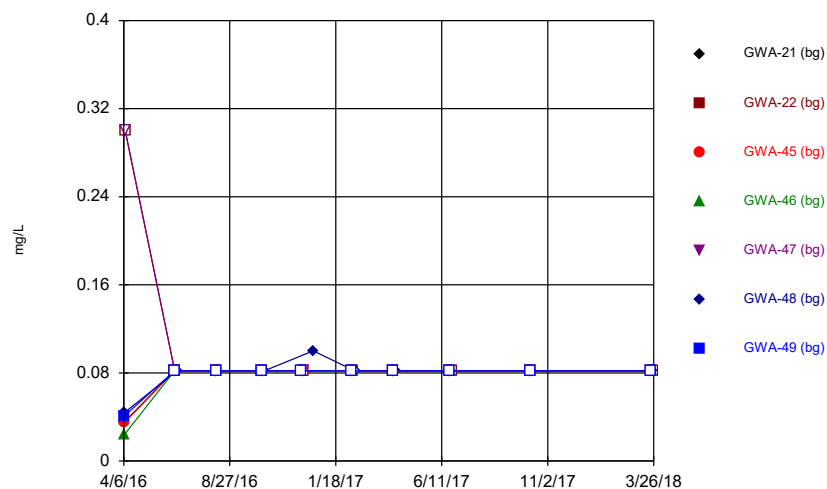
Time Series



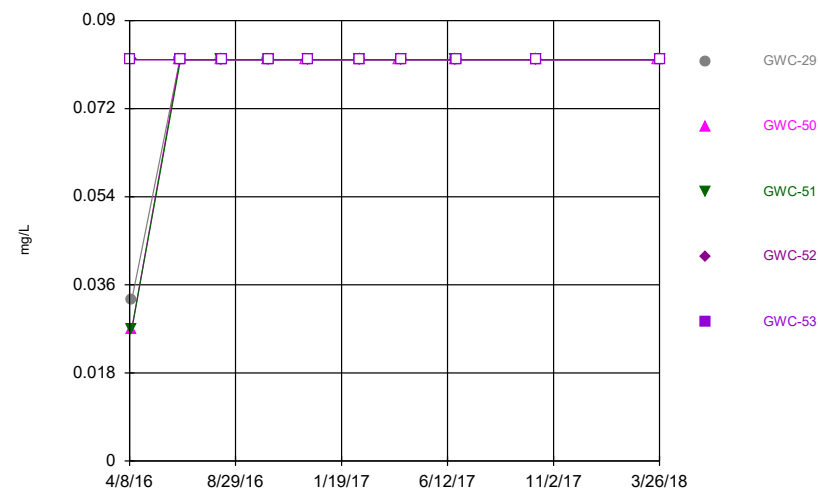
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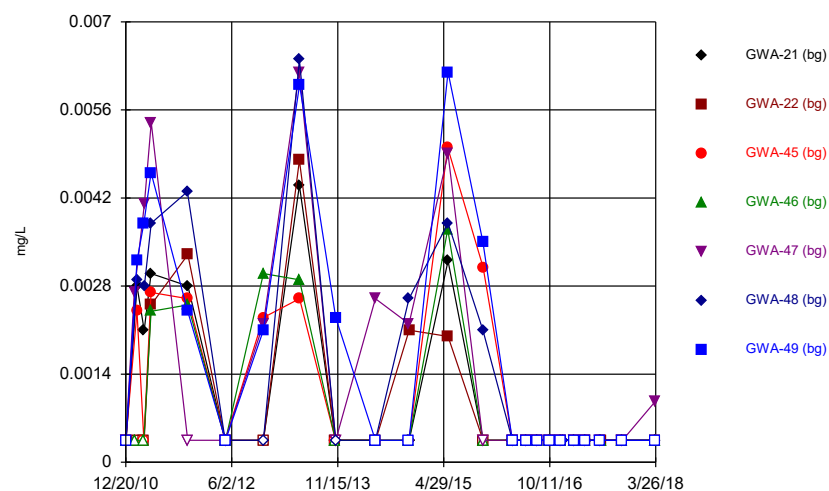
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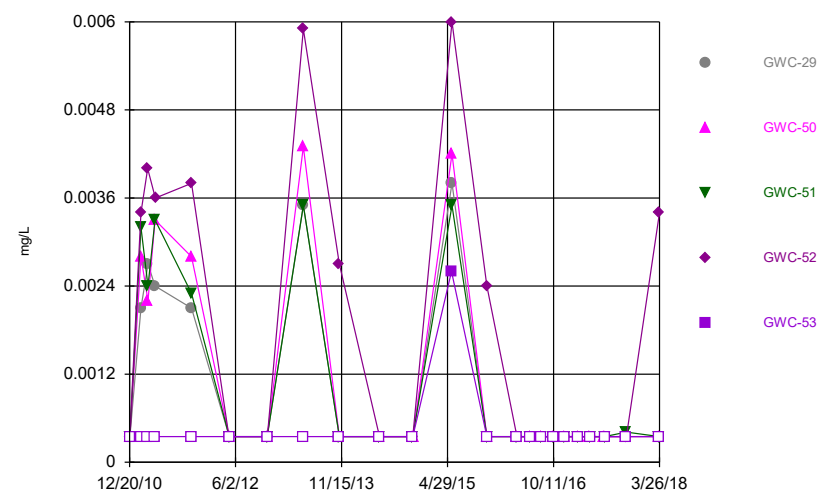
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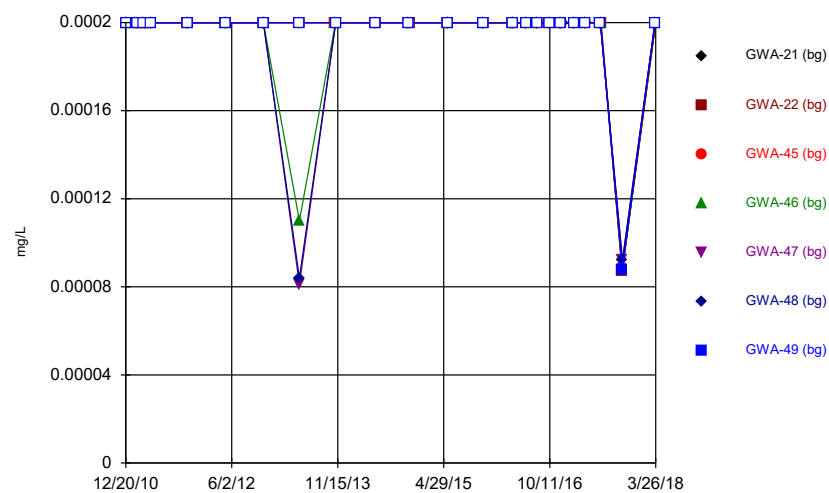
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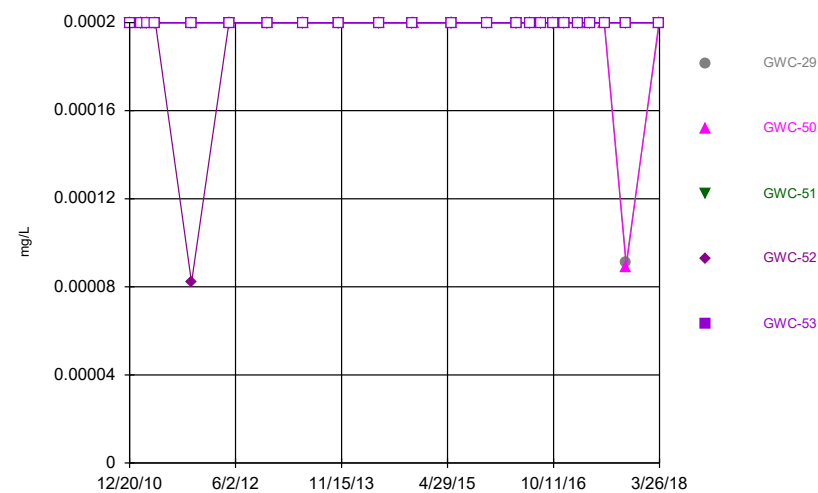
Time Series



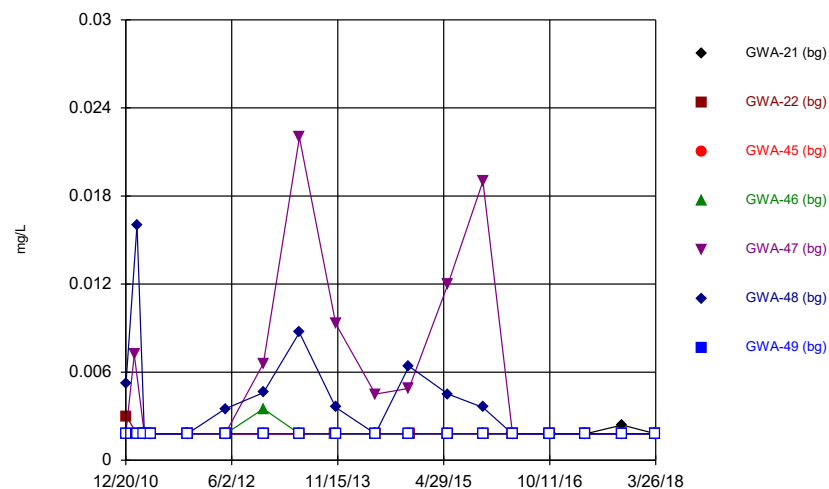
Time Series



Time Series

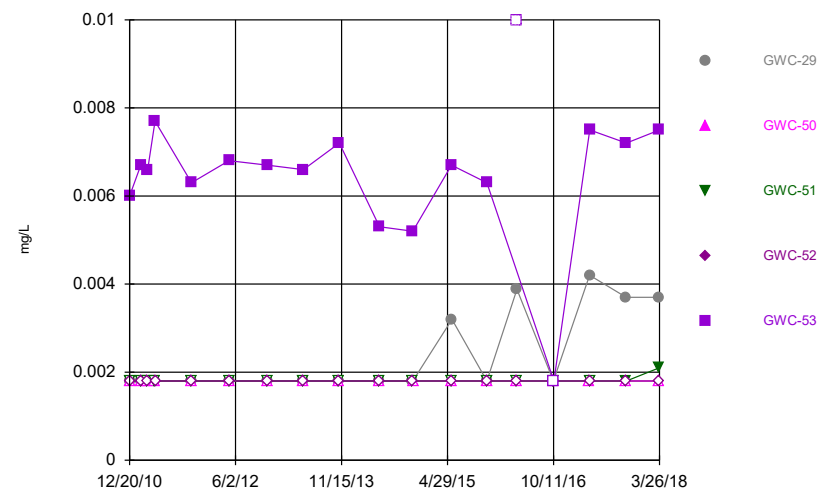


Time Series



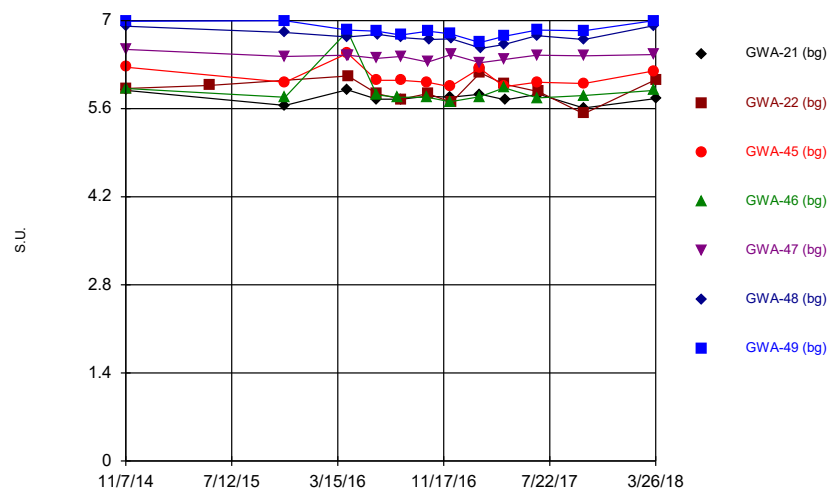
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



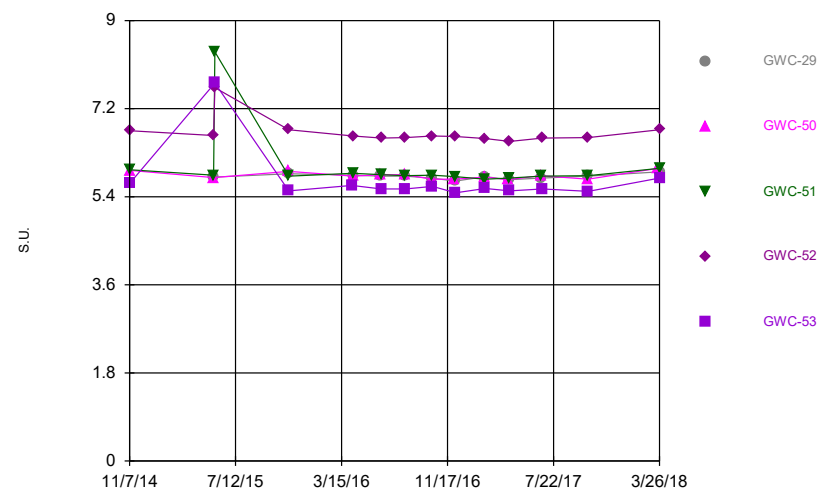
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



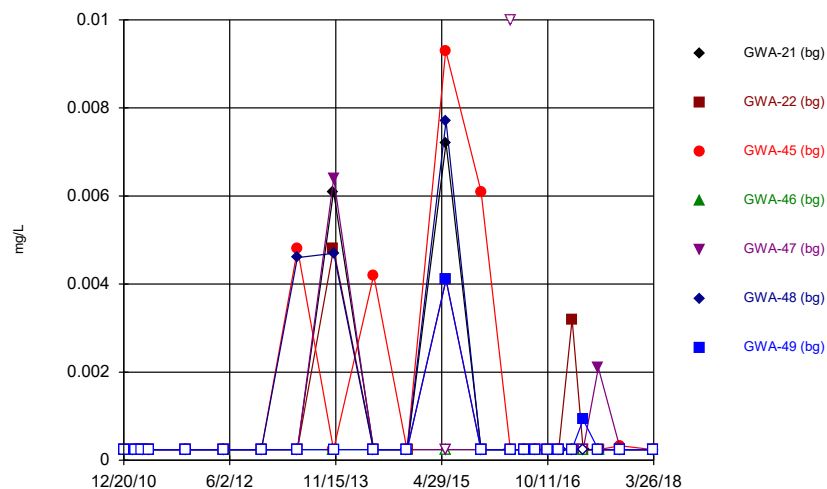
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



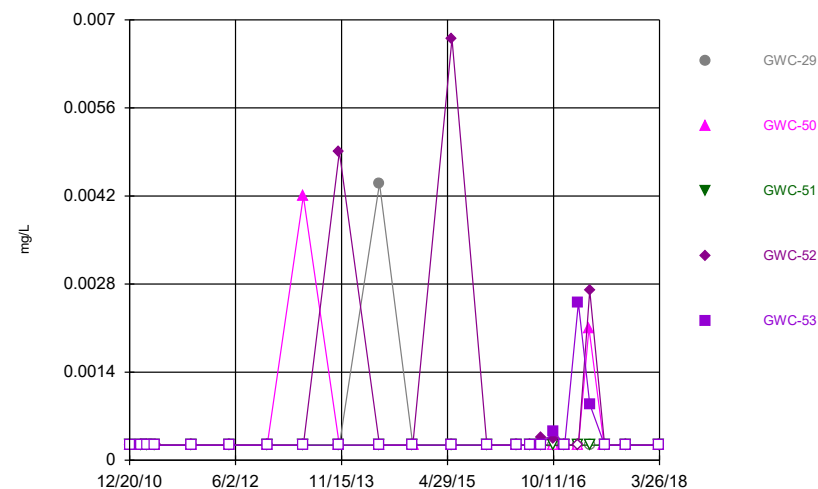
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



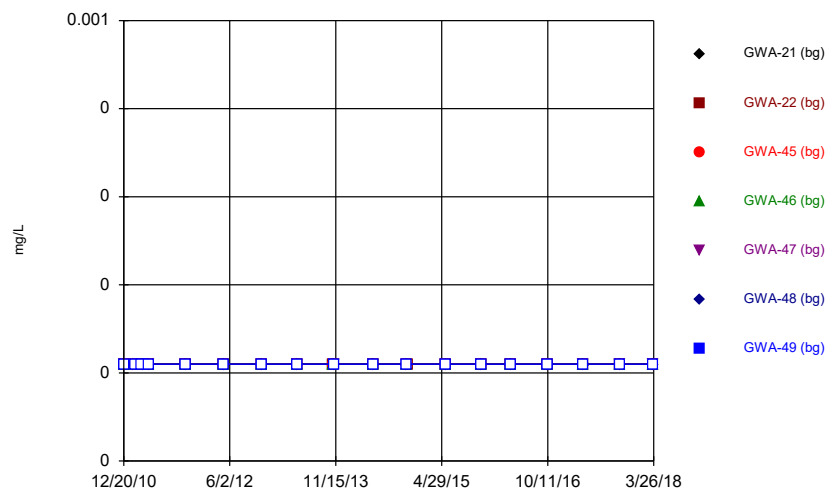
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



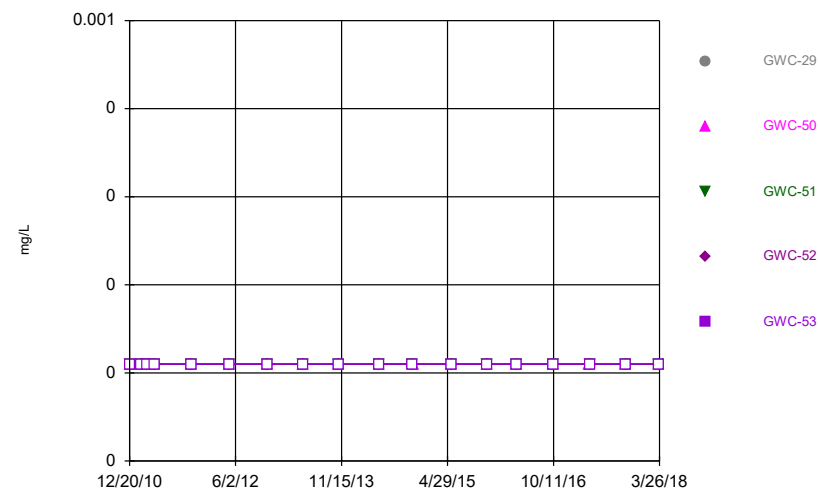
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Time Series



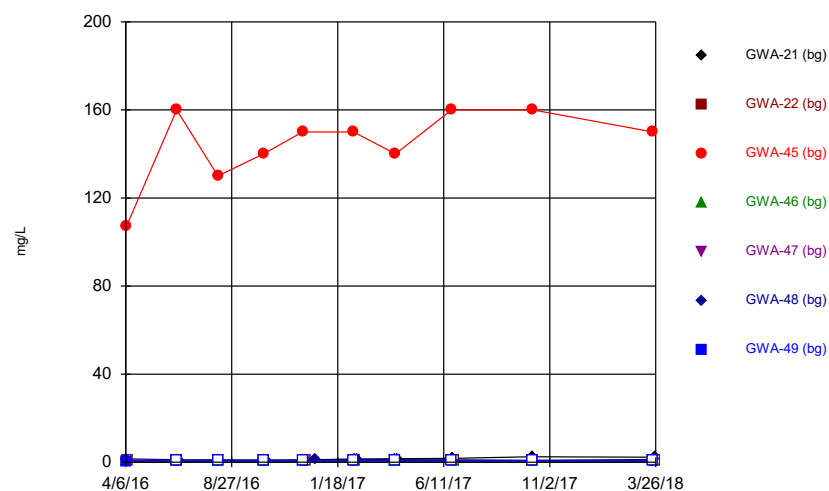
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series

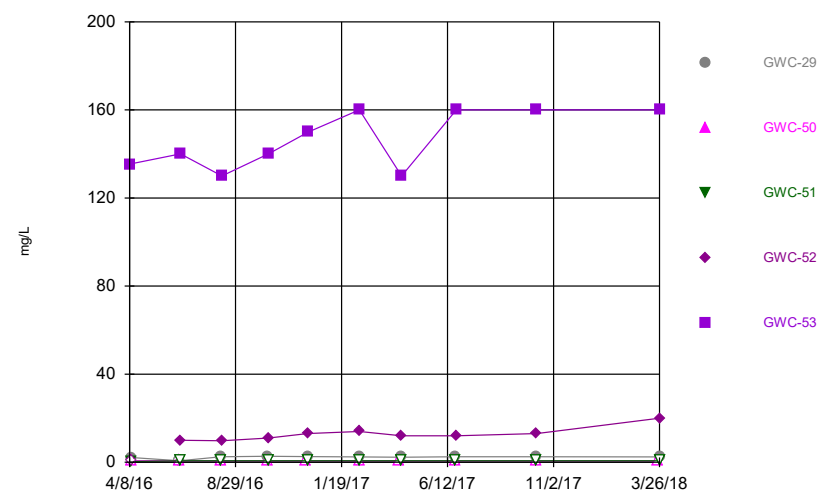


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Scherer Client: Golder Associates Data: Scherer PAC_CCR

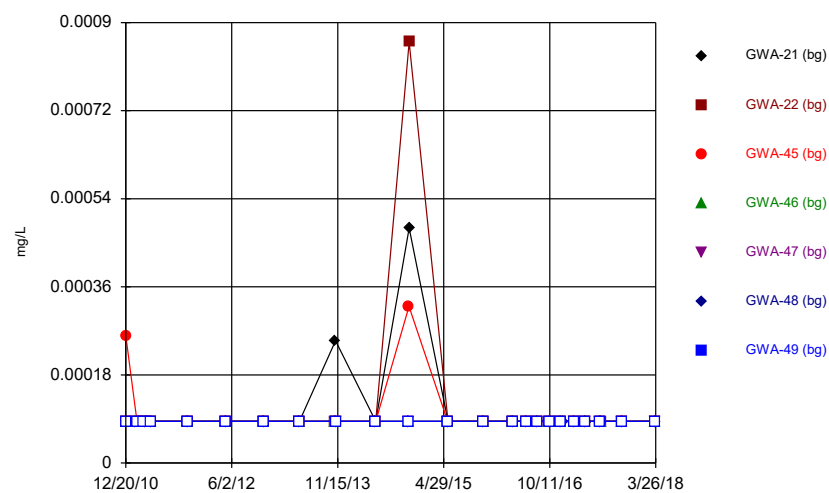
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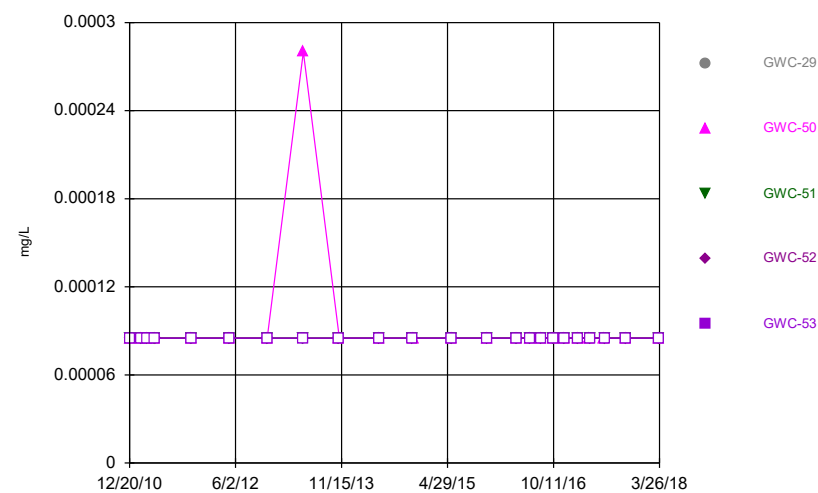
Time Series



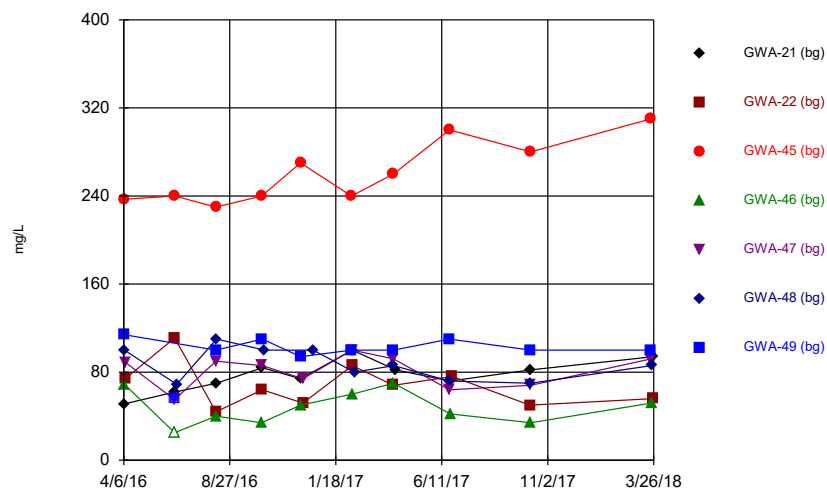
Time Series



Time Series

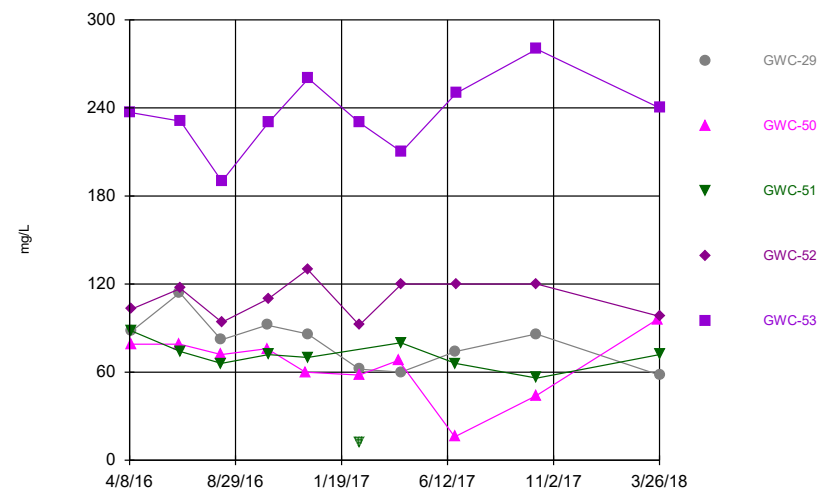


Time Series



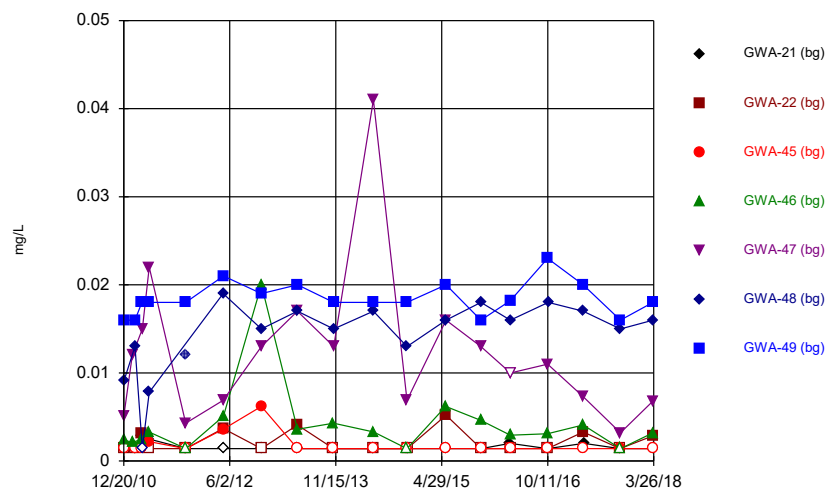
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



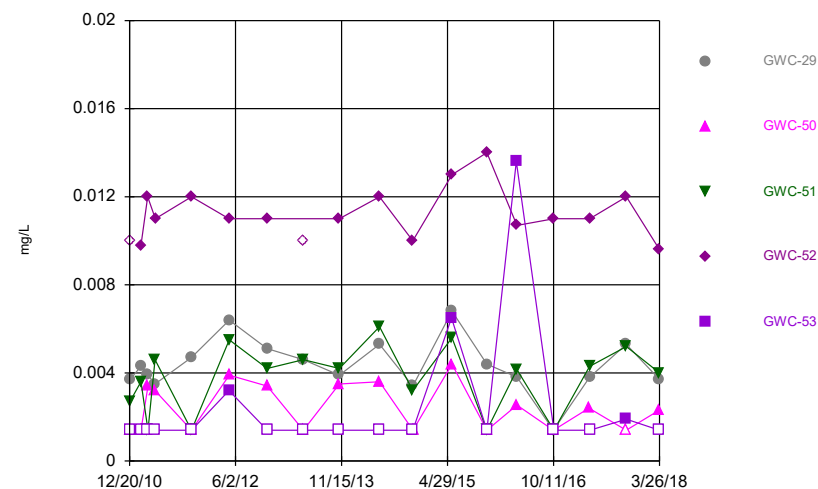
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



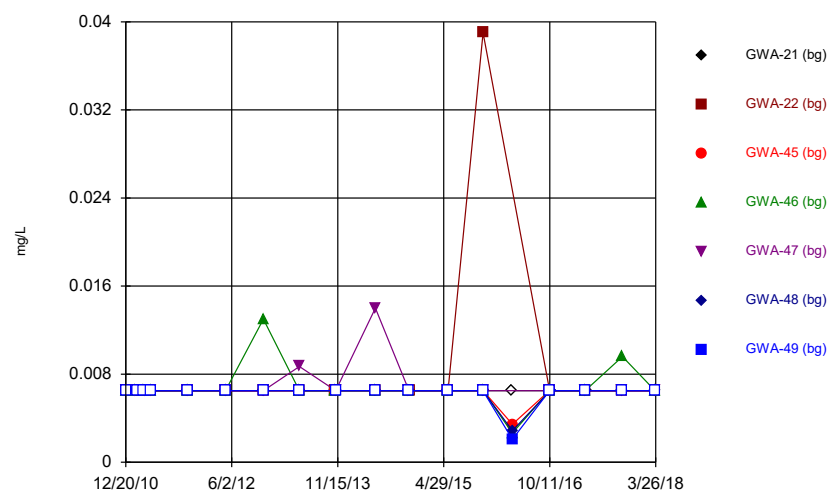
Constituent: Vanadium, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series

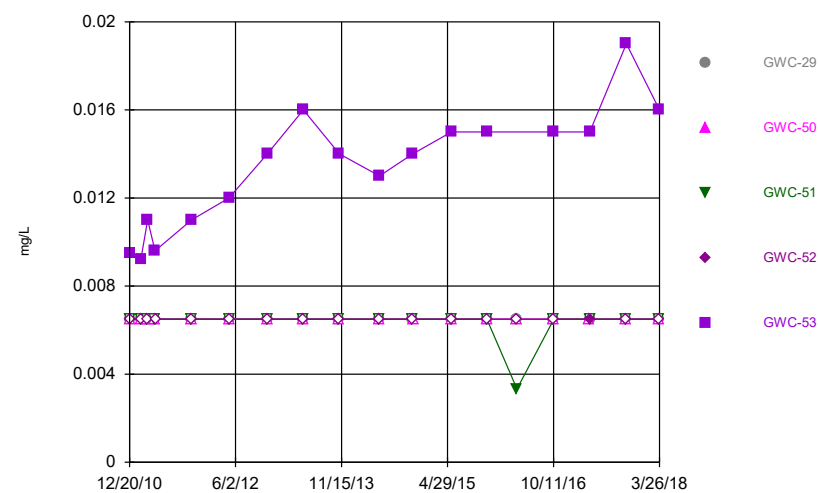


Constituent: Vanadium, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Time Series



STATISTICAL ANALYSES

October 2018

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWA-15	5.716	n/a	10/2/2018	6.3	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	10/3/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.453	n/a	10/2/2018	2.6	Yes	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-8A	7.11	6.24	10/4/2018	7.26	Yes	15	0	n/a	0.01507	NP Intra (normality) ...
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	10/3/2018	130	Yes	8	0	No	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWC-11	0.01	n/a	10/2/2018	0.022	Yes	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWA-15	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-16	1	n/a	10/2/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-17	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-1	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-2	1	n/a	10/2/2018	0.5ND	No	19	100	n/a	0.004832	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-3	0.5	n/a	10/3/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-4	1	n/a	10/3/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-6	1	n/a	10/3/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-7	0.5	n/a	10/4/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-8A	1	n/a	10/4/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-9	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-10	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-11	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-12	0.646	n/a	10/2/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-13	1	n/a	10/3/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-14	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-18	0.5	n/a	10/2/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-19	0.5	n/a	10/2/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-20	1	n/a	10/3/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-15	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-16	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-17	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-1	0.79	n/a	10/2/2018	0.23ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-2	0.23	n/a	10/2/2018	0.23ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-3	0.53	n/a	10/3/2018	0.23ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-4	0.46	n/a	10/3/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-6	0.23	n/a	10/3/2018	0.23ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-7	0.46	n/a	10/4/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-8A	1.4	n/a	10/4/2018	0.23ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-9	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-10	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-11	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-12	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-13	0.46	n/a	10/3/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-14	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-18	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-19	0.23	n/a	10/2/2018	0.23ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-20	0.23	n/a	10/3/2018	0.23ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Barium, Total (ug/L)	GWA-15	13.19	n/a	10/2/2018	9.9	No	22	4.545	x^2	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-16	32.77	n/a	10/2/2018	23	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-17	54.01	n/a	10/2/2018	27	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-1	60.53	n/a	10/2/2018	43	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-2	54.93	n/a	10/2/2018	44	No	20	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-3	27.93	n/a	10/3/2018	16	No	20	0	x^(1/3)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-4	50.06	n/a	10/3/2018	42	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-6	69.2	n/a	10/3/2018	51	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-7	43.42	n/a	10/4/2018	31	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-8A	123.3	n/a	10/4/2018	12	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-9	37.54	n/a	10/2/2018	23	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-10	34.51	n/a	10/2/2018	29	No	22	4.545	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium, Total (ug/L)	GWC-11	19.15	n/a	10/2/2018	16	No	21	4.762	x^4	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-12	19.86	n/a	10/2/2018	16	No	22	4.545	x^2	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-13	44.36	n/a	10/3/2018	30	No	22	0	ln(x)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-14	11.32	n/a	10/2/2018	9.6	No	20	5	x^3	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-18	43.67	n/a	10/2/2018	32	No	22	4.545	x^3	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-19	20.13	n/a	10/2/2018	18	No	22	4.545	x^4	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-20	37.01	n/a	10/3/2018	28	No	22	0	No	0.000...	Param Intra 1 of 2
Beryllium, Total (ug/L)	GWA-15	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-16	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-17	2.1	n/a	10/2/2018	0.17ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-1	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-2	0.34	n/a	10/2/2018	0.17ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-3	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-4	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-6	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-7	0.34	n/a	10/4/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-8A	0.34	n/a	10/4/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-9	0.34	n/a	10/2/2018	0.17ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-10	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-11	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-12	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-13	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-14	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-18	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-19	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-20	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-15	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.0105	n/a	10/2/2018	0.0105ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.021	n/a	10/4/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3593	n/a	10/4/2018	0.21	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1437	n/a	10/2/2018	0.083	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-15	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-16	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-17	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-1	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-2	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Cadmium, Total (ug/L)	GWC-3	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-4	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-6	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-7	0.34	n/a	10/4/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-8A	1.6	n/a	10/4/2018	0.17ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-9	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-10	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-11	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-12	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-13	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-14	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-18	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-19	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-20	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.889	n/a	10/2/2018	4.2	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.27	n/a	10/2/2018	11	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.172	n/a	10/2/2018	5.8	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.91	n/a	10/2/2018	16	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	21.36	n/a	10/2/2018	16	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.32	n/a	10/3/2018	7.5	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	14.96	n/a	10/3/2018	13	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	20.84	n/a	10/3/2018	16	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	10/4/2018	13	No	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-8A	39.47	n/a	10/4/2018	37	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	18.99	n/a	10/2/2018	16	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	18.83	n/a	10/2/2018	17	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	15.18	n/a	10/2/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.371	n/a	10/2/2018	0.86	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	6.805	n/a	10/3/2018	6.4	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.363	n/a	10/2/2018	6.5	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	12.34	n/a	10/2/2018	9.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	12.87	n/a	10/2/2018	11	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	16.3	n/a	10/3/2018	13	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	5.716	n/a	10/2/2018	6.3	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	2.222	n/a	10/2/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.026	n/a	10/2/2018	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.71	n/a	10/2/2018	3.7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.613	n/a	10/2/2018	2	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.786	n/a	10/3/2018	3.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	10/3/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.831	n/a	10/3/2018	5.7	No	7	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	1.8	n/a	10/4/2018	1.7	No	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWC-8A	8.25	n/a	10/4/2018	6.1	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.524	n/a	10/2/2018	3.1	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.453	n/a	10/2/2018	2.6	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-11	2.099	n/a	10/2/2018	1.7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.096	n/a	10/2/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	2.118	n/a	10/3/2018	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.378	n/a	10/2/2018	3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.69	n/a	10/2/2018	2.5	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	GWC-19	1.9	n/a	10/2/2018	1.7	No	8	0	n/a	0.02144	NP Intra (normality) ...
Chloride (mg/L)	GWC-20	2.328	n/a	10/3/2018	2	No	7	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-15	3.6	n/a	10/2/2018	0.55ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWA-16	7.248	n/a	10/2/2018	4.3	No	21	4.762	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-17	11.25	n/a	10/2/2018	6.1	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-1	19.71	n/a	10/2/2018	14	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-2	14.66	n/a	10/2/2018	10	No	21	4.762	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-3	22	n/a	10/3/2018	8.1	No	21	0	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-4	11.36	n/a	10/3/2018	3.9	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-6	10.93	n/a	10/3/2018	4.2	No	22	4.545	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-7	17.83	n/a	10/4/2018	8.3	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-8A	46.09	n/a	10/4/2018	0.55ND	No	22	27.27	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-9	13.11	n/a	10/2/2018	8.1	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-10	21.47	n/a	10/2/2018	18	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-11	12	n/a	10/2/2018	7.5	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-12	3.1	n/a	10/2/2018	1.2	No	21	42.86	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-13	8.978	n/a	10/3/2018	5.6	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-14	3.6	n/a	10/2/2018	0.55ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWC-18	20	n/a	10/2/2018	14	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-19	16.03	n/a	10/2/2018	9.7	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-20	16.19	n/a	10/3/2018	9.1	No	22	4.545	No	0.000...	Param Intra 1 of 2
Cobalt, Total (ug/L)	GWA-15	1.25	n/a	10/2/2018	1.1	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-16	3	n/a	10/2/2018	0.2ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-17	0.2	n/a	10/2/2018	0.2ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-1	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-2	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-3	3.7	n/a	10/3/2018	0.2ND	No	22	77.27	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-4	0.68	n/a	10/3/2018	0.2ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-6	0.2	n/a	10/3/2018	0.2ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-7	0.2	n/a	10/4/2018	0.2ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-8A	6.8	n/a	10/4/2018	0.48	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-9	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-10	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-11	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-12	0.49	n/a	10/2/2018	0.2ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-13	0.4	n/a	10/3/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-14	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-18	3.2	n/a	10/2/2018	0.2ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-19	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-20	0.5	n/a	10/3/2018	0.2ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-15	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.012	n/a	10/3/2018	0.00105ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0037	n/a	10/3/2018	0.00105ND	No	17	47.06	n/a	0.005914	NP Intra (normality) ...
Copper (mg/L)	GWC-6	0.0037	n/a	10/3/2018	0.00105ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.008	n/a	10/4/2018	0.00105ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.2377	n/a	10/4/2018	0.00105ND	No	17	5.882	sqrt(x)	0.000...	Param Intra 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Copper (mg/L)	GWC-9	0.0021	n/a	10/2/2018	0.00105ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	10/3/2018	0.00105ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	10/2/2018	0.00105ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	10/2/2018	0.00105ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	10/3/2018	0.00105ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-15	0.041	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.048	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.041	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1087	n/a	10/2/2018	0.089	No	8	37.5	x^3	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.046	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.057	n/a	10/3/2018	0.041ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1871	n/a	10/3/2018	0.1	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-6	0.061	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	10/4/2018	0.041ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2403	n/a	10/4/2018	0.14	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.083	n/a	10/2/2018	0.041ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.082	n/a	10/2/2018	0.041ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.061	n/a	10/2/2018	0.041ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.041	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.041	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.041	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.047	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.048	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.056	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-15	0.35	n/a	10/2/2018	0.175ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-16	5.1	n/a	10/2/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-17	3.4	n/a	10/2/2018	0.175ND	No	22	72.73	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-1	8.5	n/a	10/2/2018	0.175ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-2	6.3	n/a	10/2/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-3	11	n/a	10/3/2018	0.37	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-4	6.2	n/a	10/3/2018	0.175ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-6	6.7	n/a	10/3/2018	0.175ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-7	6.4	n/a	10/4/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-8A	23	n/a	10/4/2018	0.175ND	No	22	45.45	n/a	0.003707	NP Intra (normality) ...
Lead, Total (ug/L)	GWC-9	6.9	n/a	10/2/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-10	7	n/a	10/2/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-11	5.1	n/a	10/2/2018	0.175ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-12	0.35	n/a	10/2/2018	0.175ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-13	3.6	n/a	10/3/2018	0.175ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-14	2.8	n/a	10/2/2018	0.175ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-18	5.2	n/a	10/2/2018	0.175ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-19	5.6	n/a	10/2/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-20	5.6	n/a	10/3/2018	0.175ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0001	n/a	10/2/2018	0.000076	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.00014	n/a	10/2/2018	0.000076	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.00011	n/a	10/2/2018	0.000078	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Mercury (mg/L)	GWC-1	0.0001	n/a	10/2/2018	0.000072	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.00011	n/a	10/2/2018	0.000035ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.00014	n/a	10/3/2018	0.000078	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.00012	n/a	10/3/2018	0.00008	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.00017	n/a	10/3/2018	0.000077	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.00016	n/a	10/4/2018	0.000089	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.00019	n/a	10/4/2018	0.000035ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.000088	n/a	10/2/2018	0.000081	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.00011	n/a	10/2/2018	0.000082	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.00019	n/a	10/2/2018	0.000084	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.00007	n/a	10/2/2018	0.000076	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0001	n/a	10/3/2018	0.000085	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.00016	n/a	10/2/2018	0.000086	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.000089	n/a	10/2/2018	0.000077	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.00011	n/a	10/2/2018	0.000081	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0001	n/a	10/3/2018	0.000083	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	10/2/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0086	n/a	10/2/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0033	n/a	10/2/2018	0.0009ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0093	n/a	10/3/2018	0.0018	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0021	n/a	10/3/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	10/3/2018	0.0009ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	10/4/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.01155	n/a	10/4/2018	0.0009ND	No	17	41.18	sqrt(x)	0.000...	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	10/2/2018	0.0018	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.0018	n/a	10/3/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.0045	n/a	10/2/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.01	n/a	10/2/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.0063	n/a	10/3/2018	0.0009ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.807	5.203	10/2/2018	5.49	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.627	6.136	10/2/2018	6.38	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.446	5.482	10/2/2018	6.03	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.798	6.212	10/2/2018	6.57	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-2	7	6.36	10/2/2018	6.51	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-3	6.149	5.684	10/3/2018	5.97	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.542	6.069	10/3/2018	6.25	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.371	5.996	10/3/2018	6.22	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-7	6.473	6.162	10/4/2018	6.36	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-8A	7.11	6.24	10/4/2018	7.26	Yes	15	0	n/a	0.01507	NP Intra (normality) ...
pH (S.U.)	GWC-9	6.938	6.202	10/2/2018	6.65	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.661	5.969	10/2/2018	6.35	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.414	5.919	10/2/2018	6.21	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.48	4.77	10/2/2018	5.16	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-13	6.138	5.588	10/3/2018	5.95	No	13	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
pH (S.U.)	GWC-14	5.869	5.296	10/2/2018	5.68	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.488	6.11	10/2/2018	6.38	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.51	6.35	10/2/2018	6.41	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-20	6.734	6.281	10/3/2018	6.48	No	12	0	No	0.000...	Param Intra 1 of 2
Selenium, Total (ug/L)	GWA-15	0.67	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-16	4.3	n/a	10/2/2018	0.12ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-17	4.4	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-1	5.3	n/a	10/2/2018	0.12ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-2	4.5	n/a	10/2/2018	0.12ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-3	0.36	n/a	10/3/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-4	0.24	n/a	10/3/2018	0.12ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-6	7	n/a	10/3/2018	0.56	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-7	5.3	n/a	10/4/2018	0.12ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-8A	4.5	n/a	10/4/2018	0.12ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-9	6.5	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-10	4.6	n/a	10/2/2018	0.12ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-11	5	n/a	10/2/2018	0.12ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-12	4	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-13	0.24	n/a	10/3/2018	0.12ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-14	5.2	n/a	10/2/2018	0.12ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-18	4.1	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-19	4.4	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-20	0.24	n/a	10/3/2018	0.12ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-15	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-16	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-17	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.00012	n/a	10/2/2018	0.000055ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.00011	n/a	10/3/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.00011	n/a	10/3/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.00012	n/a	10/3/2018	0.000055ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.00011	n/a	10/4/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.00011	n/a	10/4/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.00011	n/a	10/3/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.00011	n/a	10/3/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-15	0.8	n/a	10/2/2018	0.35ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	0.7	n/a	10/2/2018	0.35ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	0.7	n/a	10/2/2018	0.35ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1.146	n/a	10/2/2018	0.35ND	No	8	50	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-2	0.56	n/a	10/2/2018	0.35ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	10/3/2018	0.35ND	No	8	62.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.614	n/a	10/3/2018	2.9	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	18.51	n/a	10/3/2018	10	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Sulfate (mg/L)	GWC-7	0.36	n/a	10/4/2018	0.35ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	46.61	n/a	10/4/2018	30	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	19.63	n/a	10/2/2018	8.2	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.257	n/a	10/2/2018	1.2	No	8	37.5	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	0.35	n/a	10/2/2018	0.35ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	0.35	n/a	10/2/2018	0.35ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	0.646	n/a	10/3/2018	0.35ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	0.35	n/a	10/2/2018	0.35ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	0.7	n/a	10/2/2018	0.35ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	0.7	n/a	10/2/2018	0.35ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	0.7	n/a	10/3/2018	0.35ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-15	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-16	0.3	n/a	10/2/2018	0.0425ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-17	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-1	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-2	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-3	0.085	n/a	10/3/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-4	0.085	n/a	10/3/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-6	0.085	n/a	10/3/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-7	0.27	n/a	10/4/2018	0.0425ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-8A	0.085	n/a	10/4/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-9	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-10	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-11	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-12	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-13	0.085	n/a	10/3/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-14	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-18	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-19	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-20	0.085	n/a	10/3/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	79.05	n/a	10/2/2018	48	No	8	12.5	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-16	171.2	n/a	10/2/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-17	150.6	n/a	10/2/2018	90	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	170.8	n/a	10/2/2018	140	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	207.6	n/a	10/2/2018	140	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-3	110.3	n/a	10/3/2018	60	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	10/3/2018	120	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	174.7	n/a	10/3/2018	120	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	160.7	n/a	10/4/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	220.3	n/a	10/17/2018	170	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	217.1	n/a	10/2/2018	34	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	170.5	n/a	10/2/2018	150	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	361.1	n/a	10/2/2018	120	No	8	0	x^(1/3)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	142.3	n/a	10/2/2018	38	No	8	50	x^(1/3)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	98.85	n/a	10/3/2018	22	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	98.65	n/a	10/2/2018	40	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	114	n/a	10/2/2018	100	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	165	n/a	10/2/2018	130	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	10/3/2018	130	Yes	8	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	10/2/2018	0.0007ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2

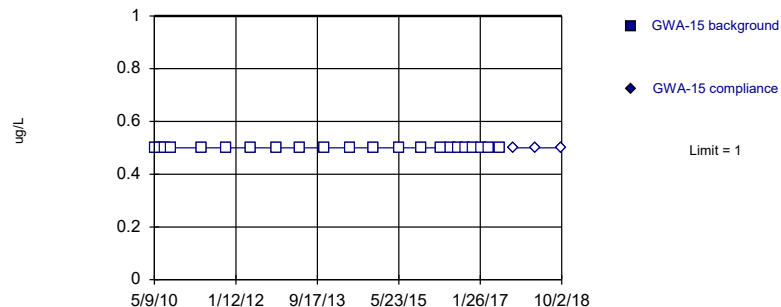
Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Vanadium (mg/L)	GWA-16	0.01315	n/a	10/2/2018	0.0069	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.008959	n/a	10/2/2018	0.004	No	17	23.53	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02566	n/a	10/2/2018	0.017	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.02158	n/a	10/2/2018	0.015	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01155	n/a	10/3/2018	0.0053	No	16	6.25	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01292	n/a	10/3/2018	0.006	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01065	n/a	10/3/2018	0.0081	No	14	7.143	x^3	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01699	n/a	10/4/2018	0.012	No	15	6.667	x^2	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.1119	n/a	10/4/2018	0.0007ND	No	17	0	sqrt(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02447	n/a	10/2/2018	0.021	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.01799	n/a	10/2/2018	0.012	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.01497	n/a	10/2/2018	0.01	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0032	n/a	10/2/2018	0.0007ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.004	n/a	10/3/2018	0.0007ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0026	n/a	10/2/2018	0.0007ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01062	n/a	10/2/2018	0.0064	No	17	5.882	ln(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01125	n/a	10/2/2018	0.0073	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02579	n/a	10/3/2018	0.017	No	17	5.882	No	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0073	n/a	10/2/2018	0.00325ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.018	n/a	10/3/2018	0.00325ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.00325	n/a	10/3/2018	0.00325ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0065	n/a	10/3/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0065	n/a	10/4/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.2974	n/a	10/4/2018	0.00325ND	No	17	11.76	sqrt(x)	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWC-9	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.01	n/a	10/2/2018	0.022	Yes	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.00409	n/a	10/2/2018	0.00325ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.00325	n/a	10/3/2018	0.00325ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0085	n/a	10/2/2018	0.00325ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	10/3/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

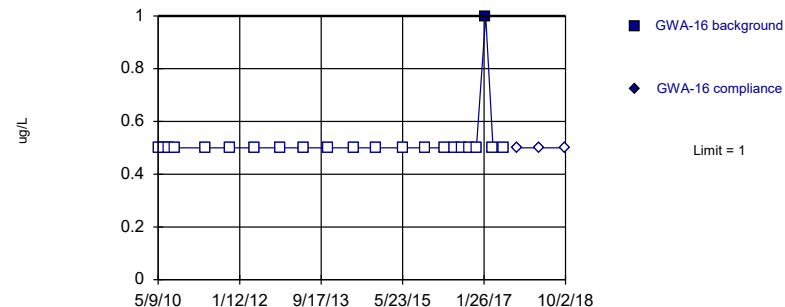


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

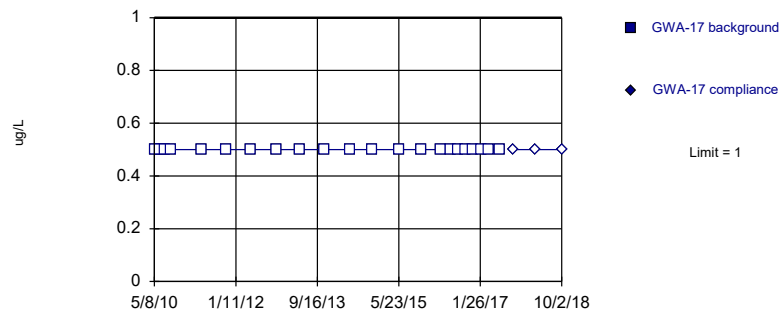


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

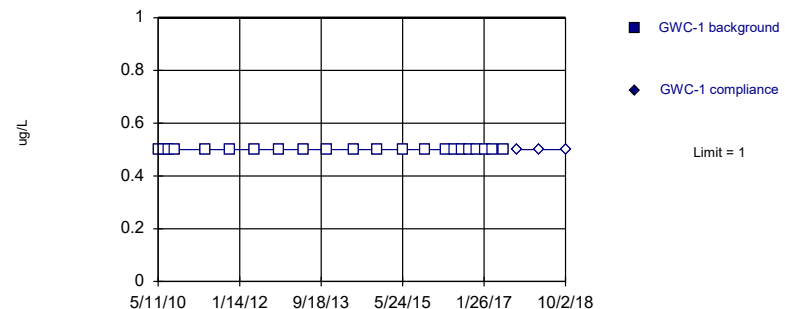


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

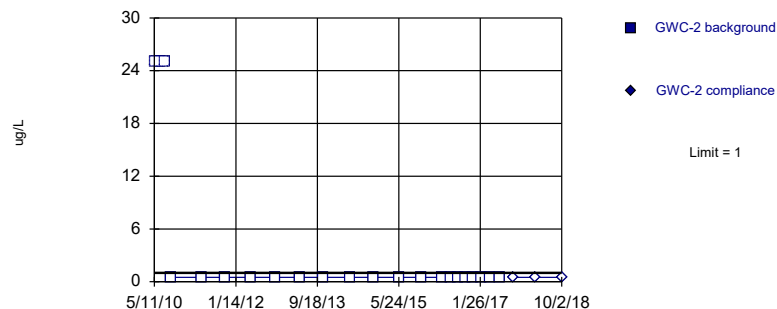


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

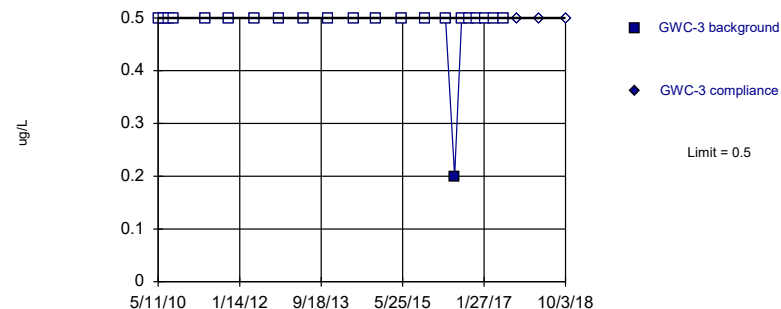


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

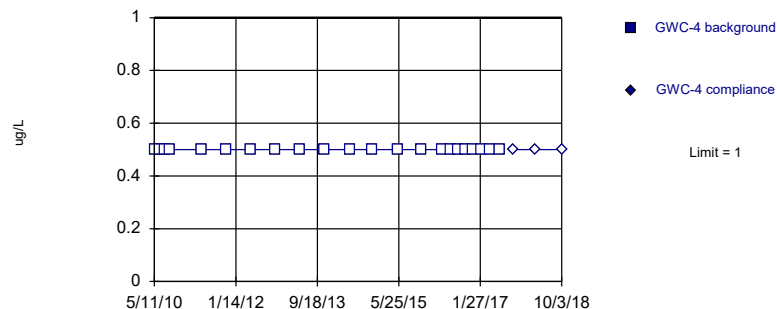


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

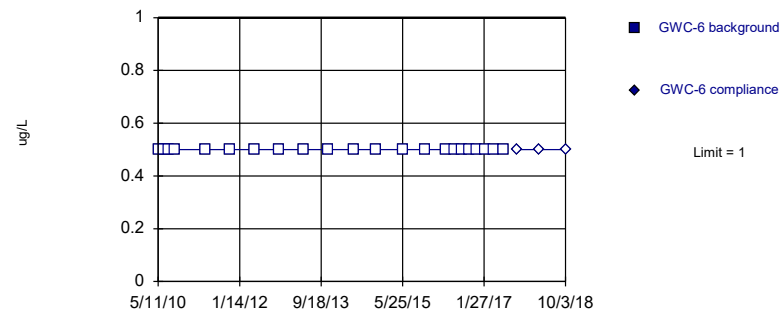


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

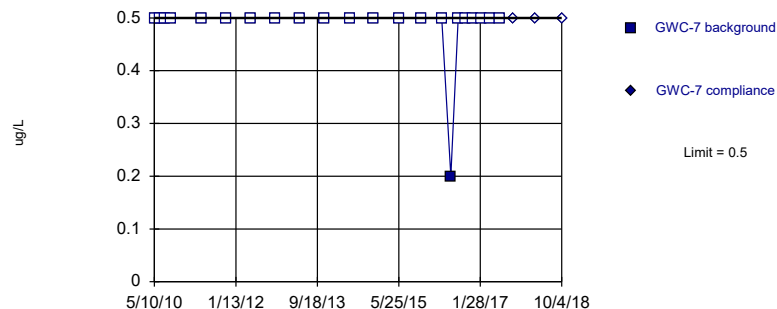


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

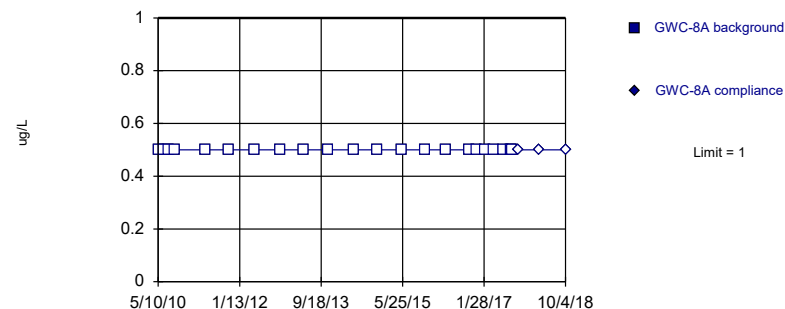


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

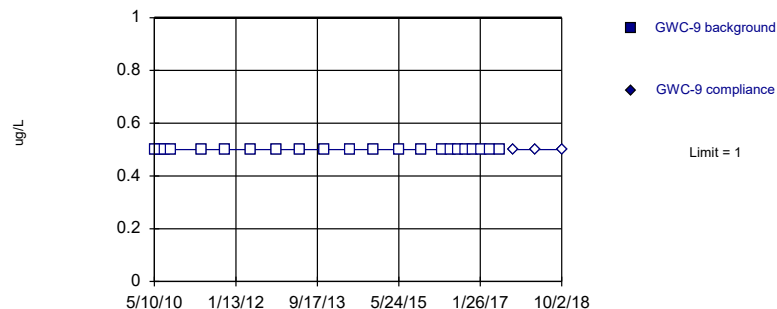


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

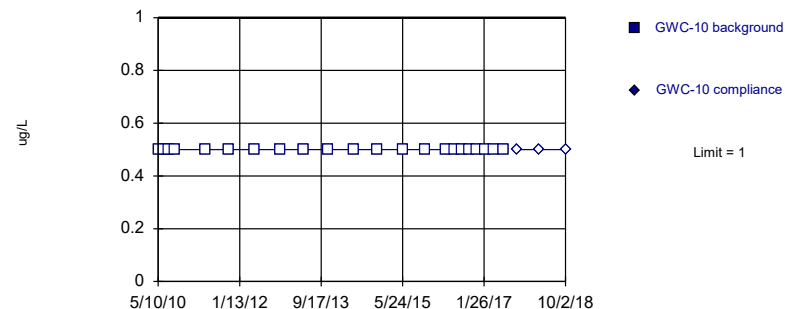


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

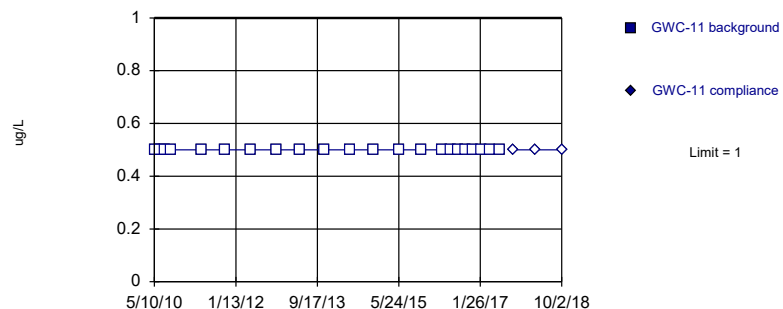


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

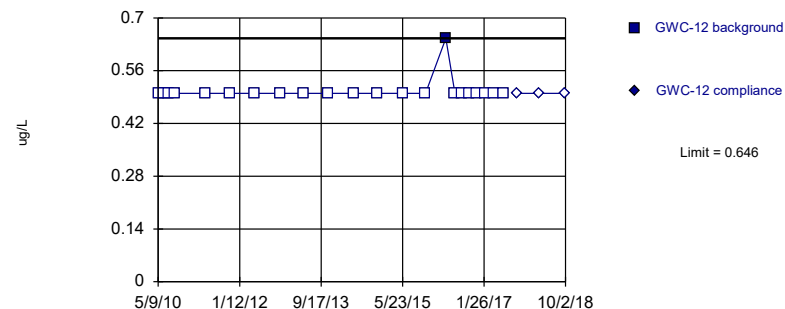


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

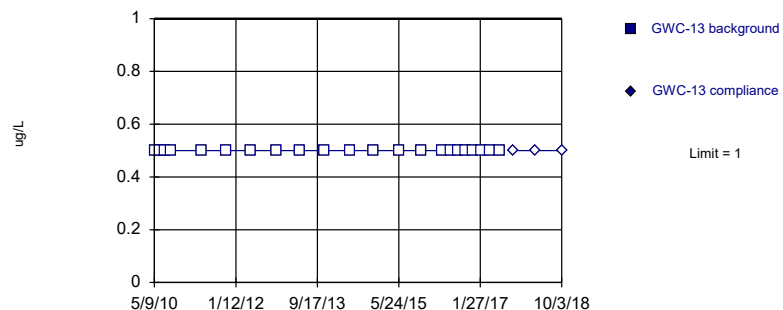


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

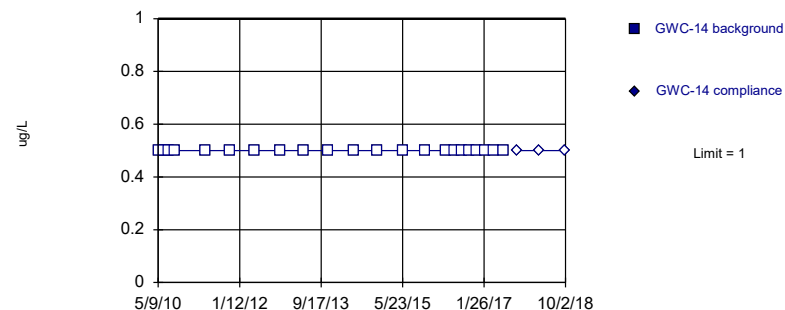


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

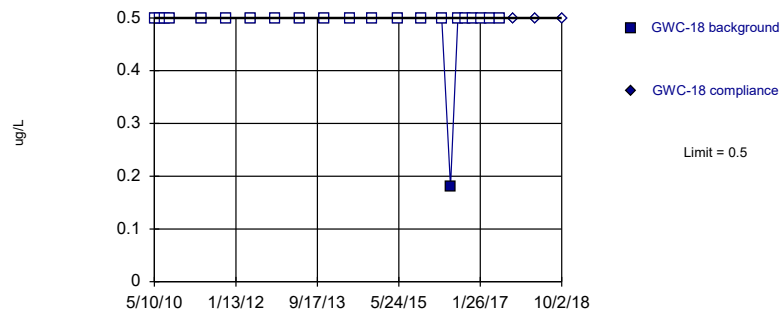


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

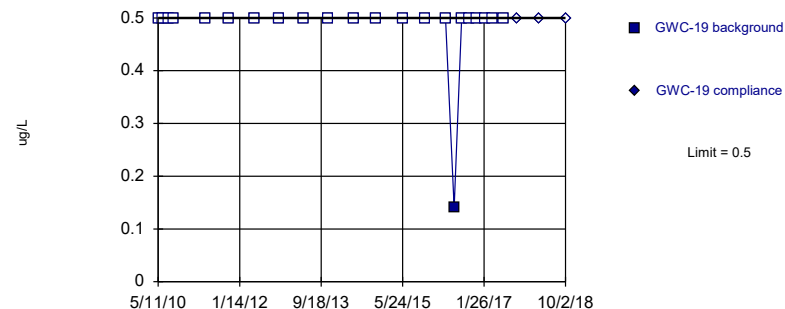


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

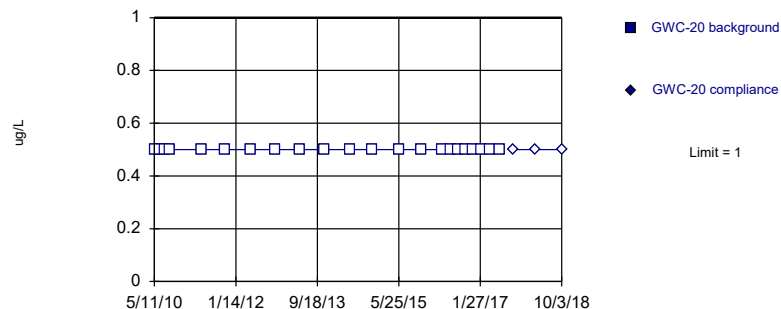


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

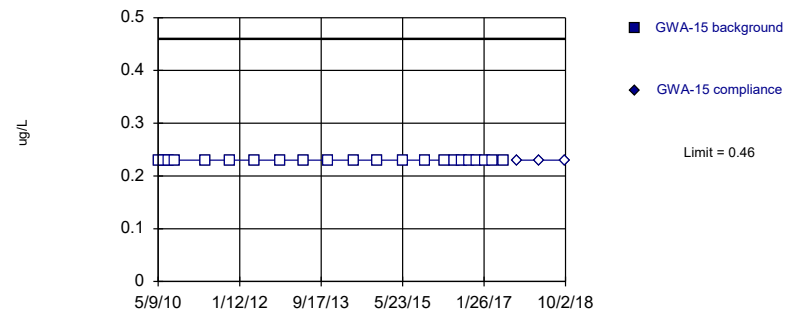


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

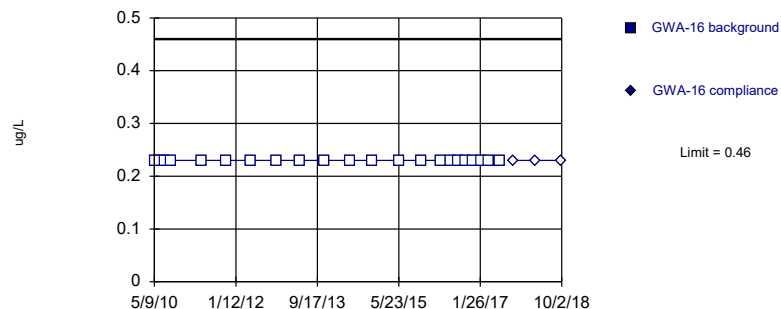


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

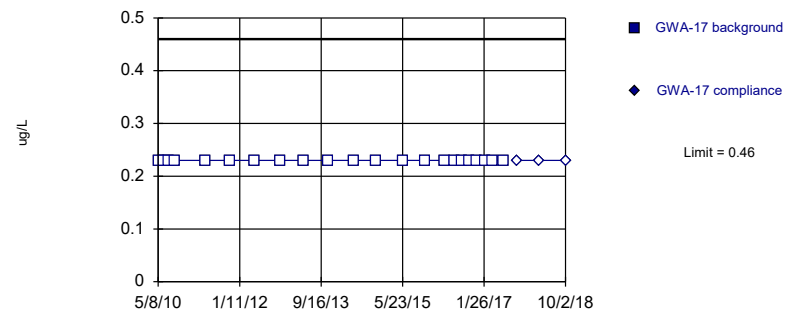


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

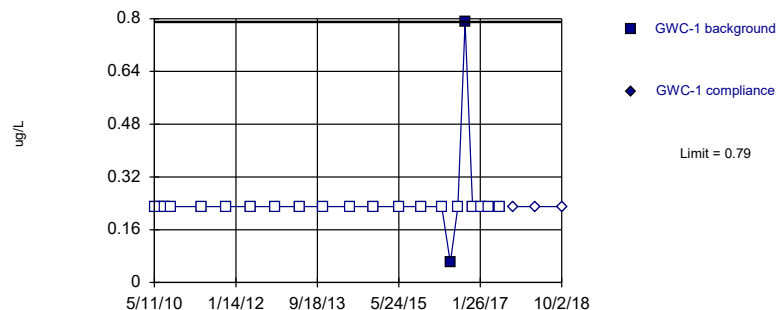


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

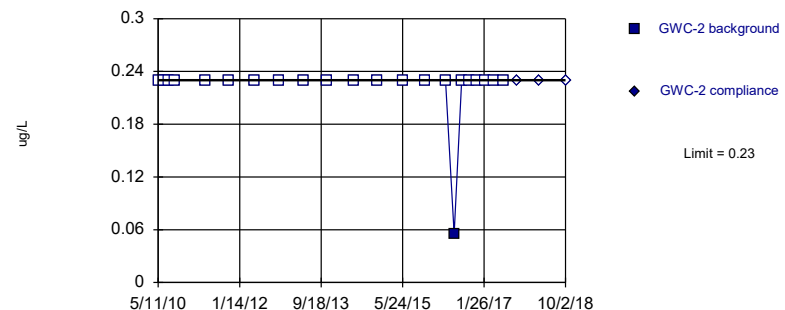


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

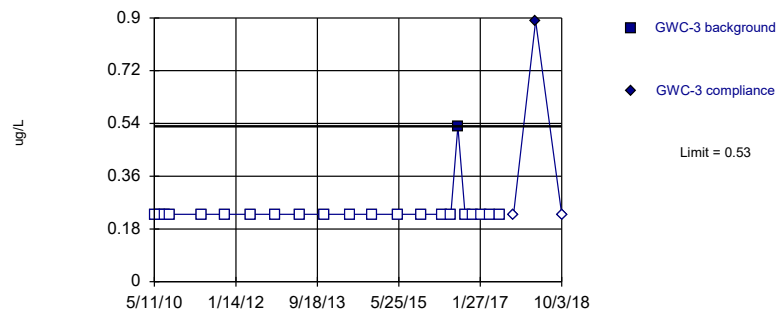


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

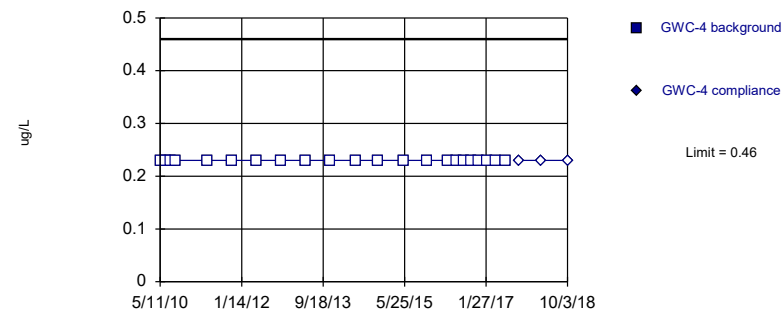


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

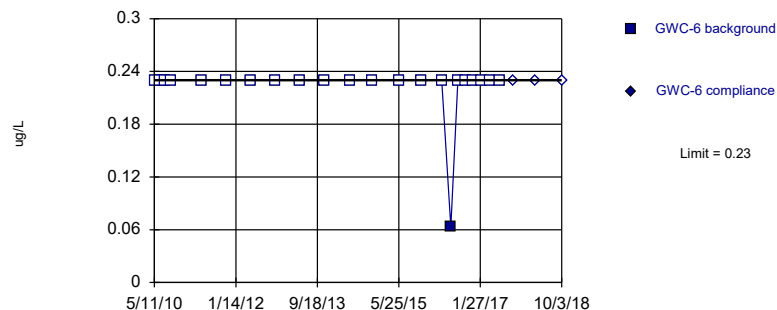


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

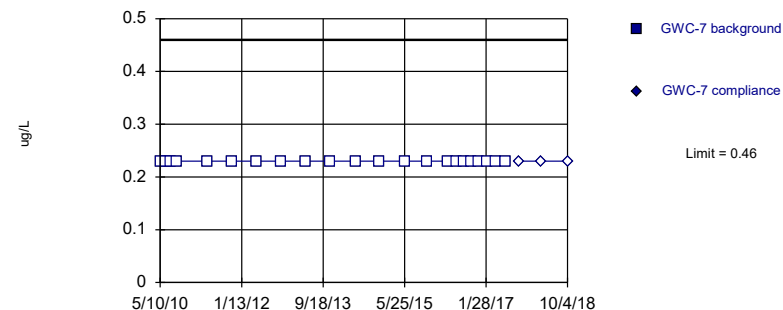


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

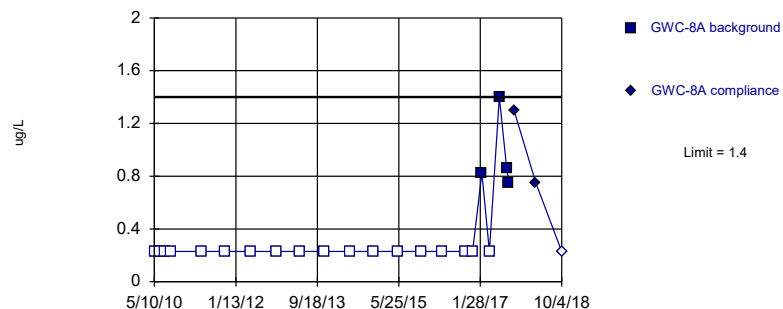


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

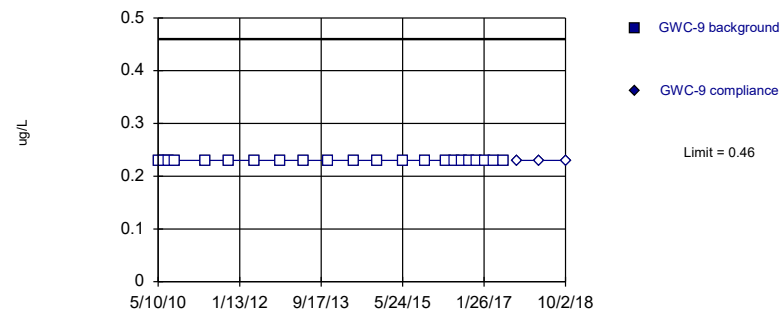


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

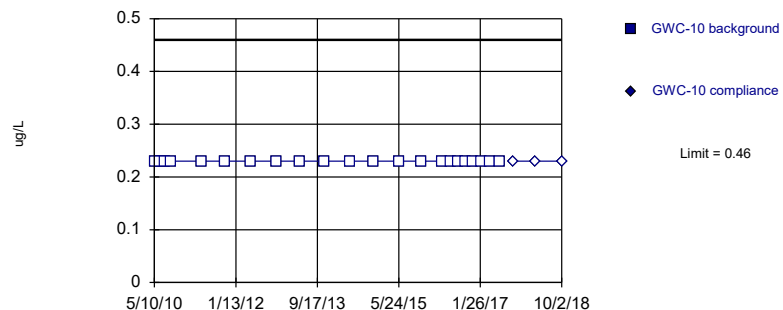


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

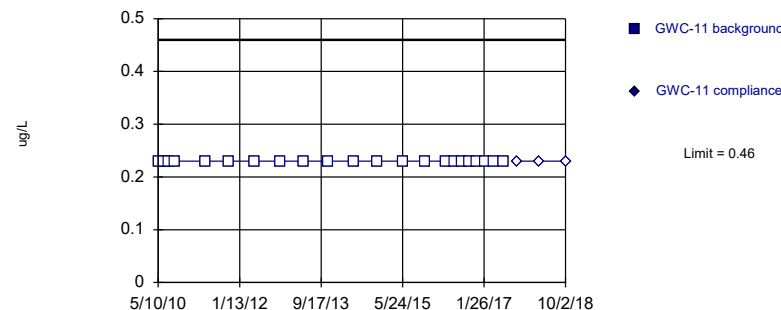


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

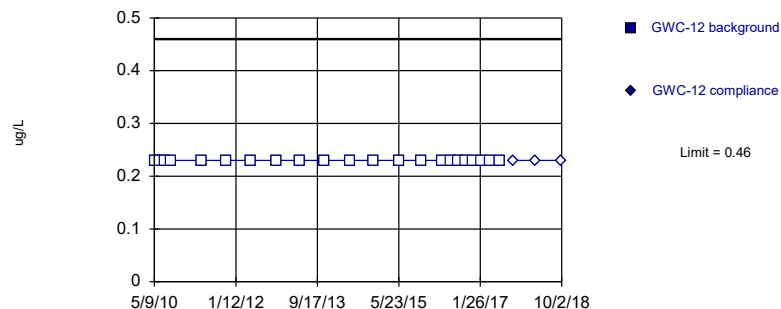


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

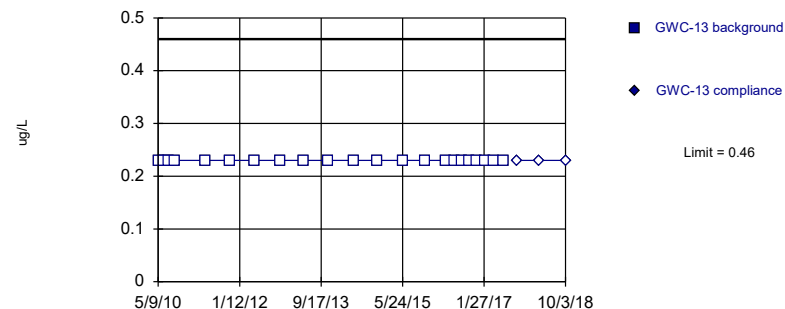


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

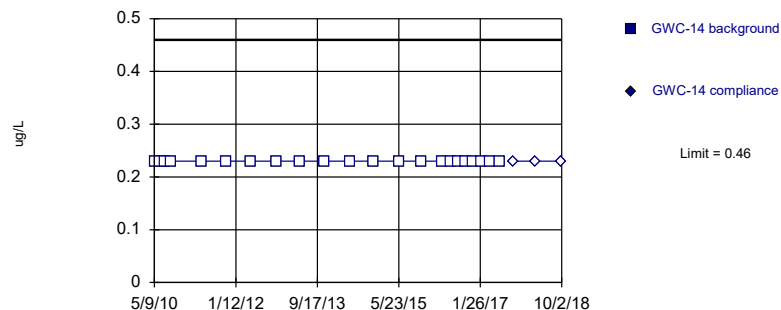


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

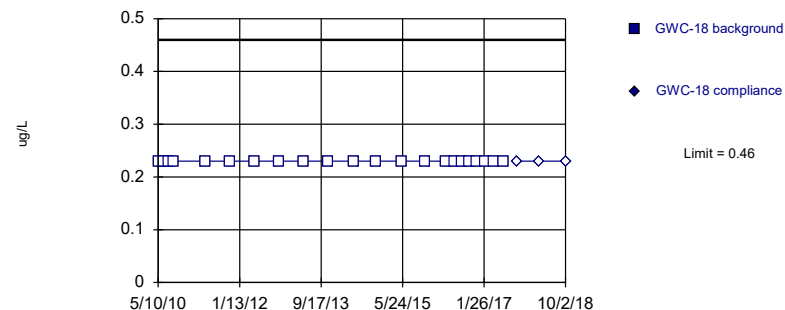


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

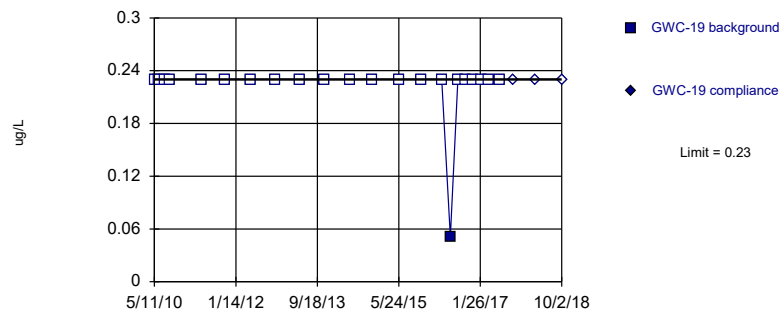


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

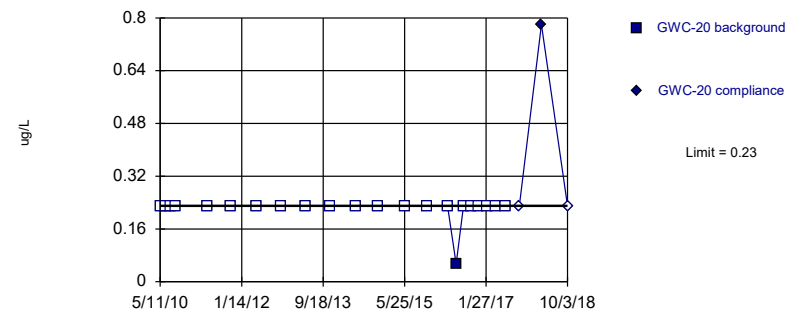


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

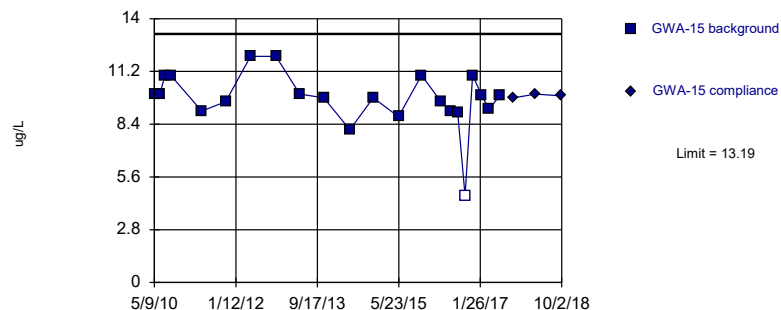


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

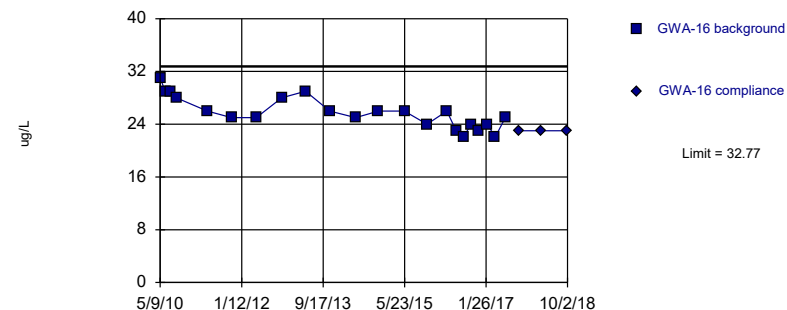


Background Data Summary (based on square transformation): Mean=97.26, Std. Dev.=26.49, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9157, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



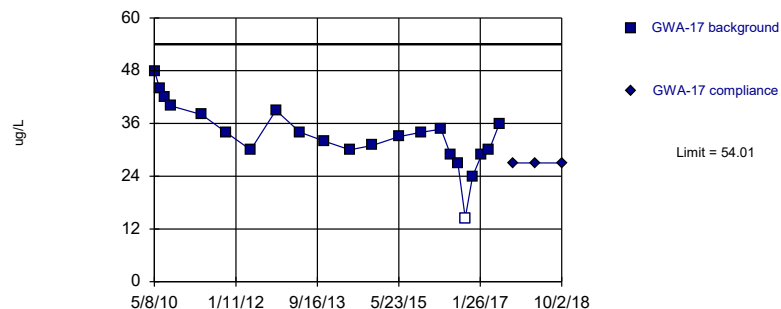
Background Data Summary: Mean=25.73, Std. Dev.=2.434, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



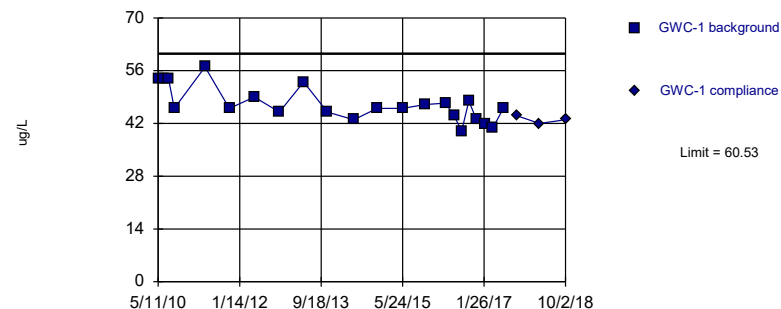
Background Data Summary: Mean=33.33, Std. Dev.=7.147, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



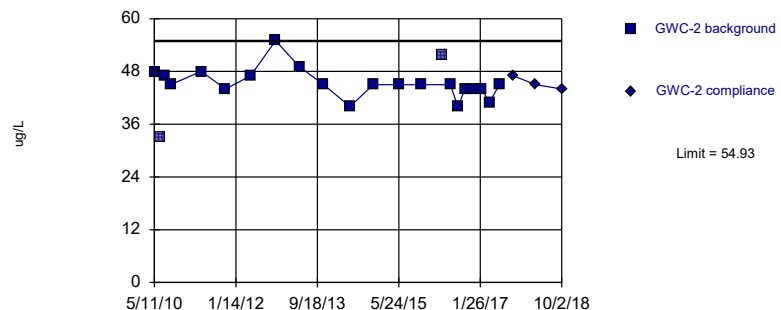
Background Data Summary: Mean=47.11, Std. Dev.=4.639, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9244, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=45.3, Std. Dev.=3.326, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8835, critical = 0.868. Kappa overridden to 2.894.

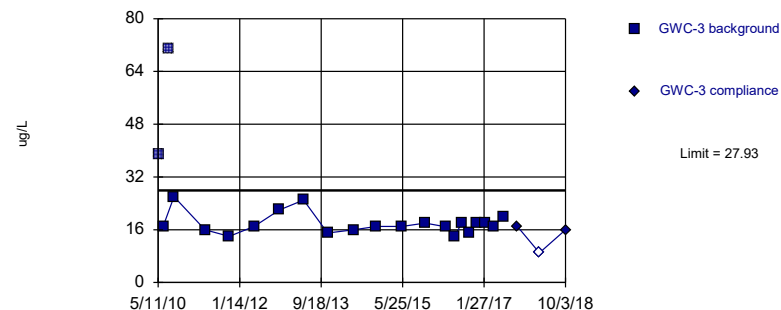
Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



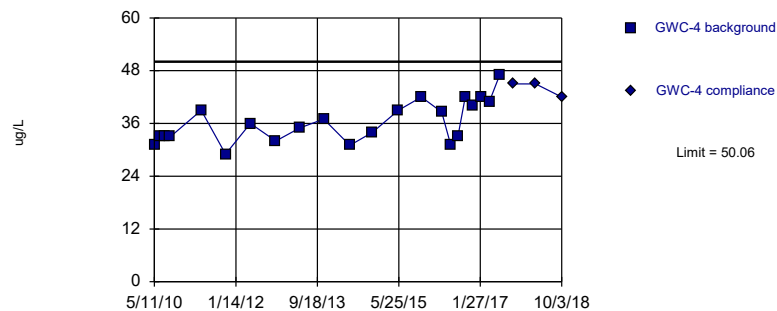
Background Data Summary (based on cube root transformation): Mean=2.605, Std. Dev.=0.1482, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8735, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



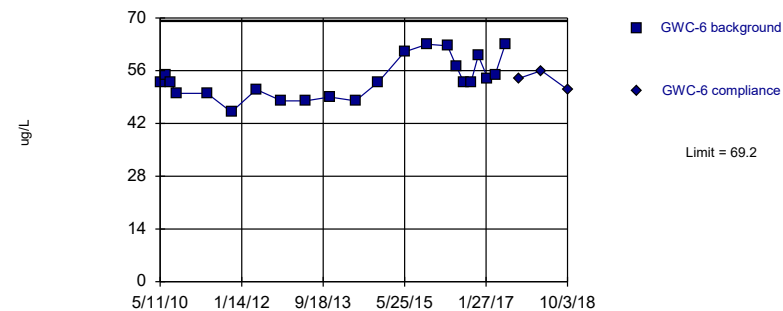
Background Data Summary: Mean=36.3, Std. Dev.=4.755, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



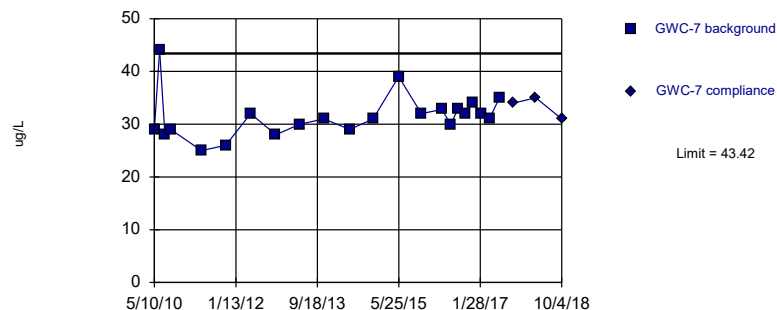
Background Data Summary: Mean=53.85, Std. Dev.=5.307, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9304, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



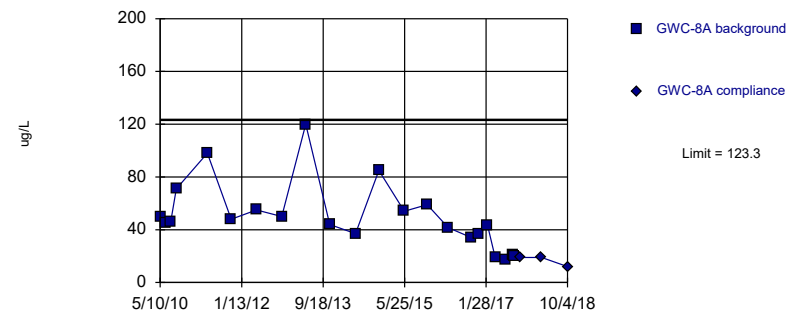
Background Data Summary: Mean=31.49, Std. Dev.=4.123, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8914, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=49.75, Std. Dev.=25.43, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8892, critical = 0.878. Kappa overridden to 2.894.

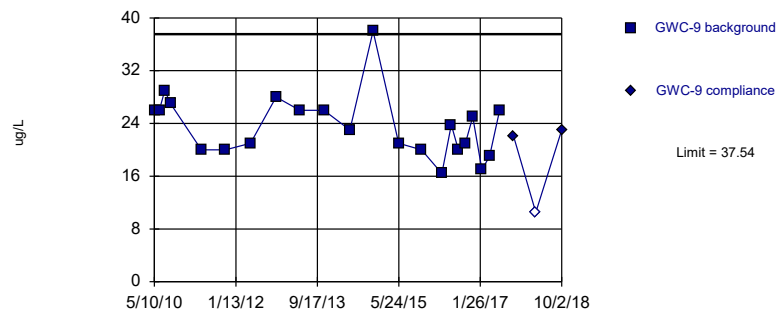
Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=23.6, Std. Dev.=4.817, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9073, critical = 0.878. Kappa overridden to 2.894.

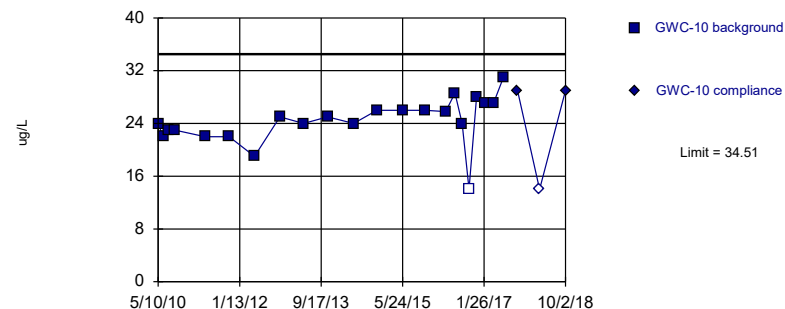
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=24.38, Std. Dev.=3.5, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9265, critical = 0.878. Kappa overridden to 2.894.

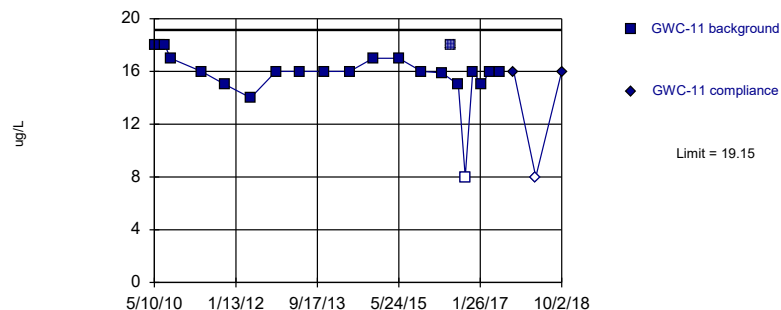
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^4 transformation): Mean=67315, Std. Dev.=23185, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8838, critical = 0.873. Kappa overridden to 2.894.

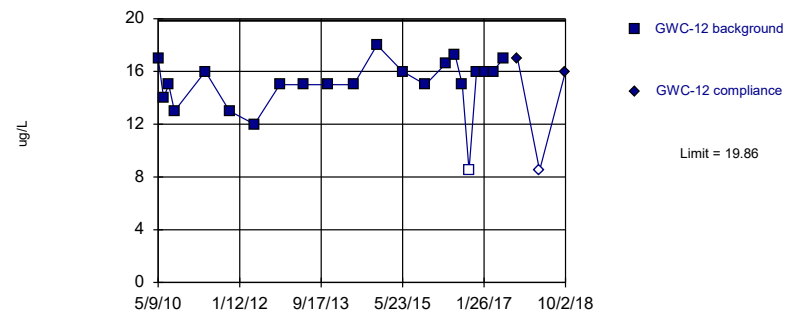
Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



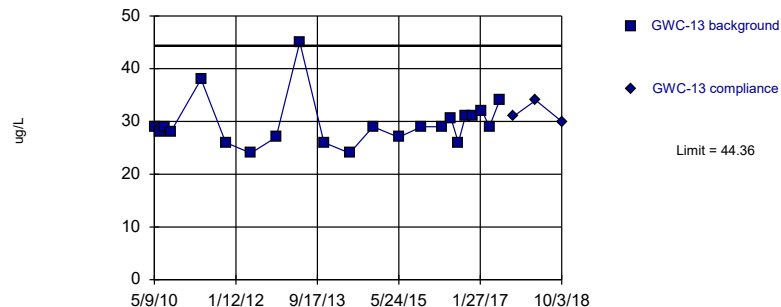
Background Data Summary (based on square transformation): Mean=231, Std. Dev.=56.52, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.923, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=3.378, Std. Dev.=0.1432, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8855, critical = 0.878. Kappa overridden to 2.894.

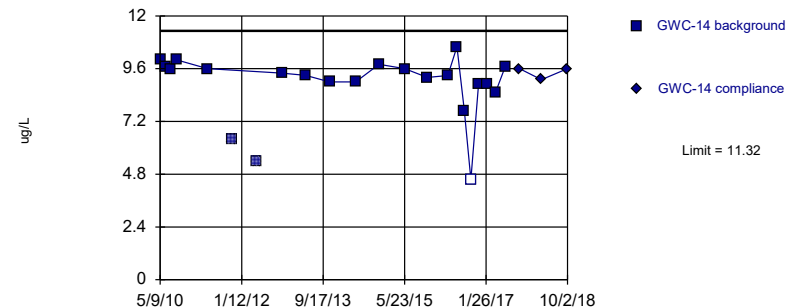
Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=793, Std. Dev.=227, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8809, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=44217, Std. Dev.=13504, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9266, critical = 0.878. Kappa overridden to 2.894.

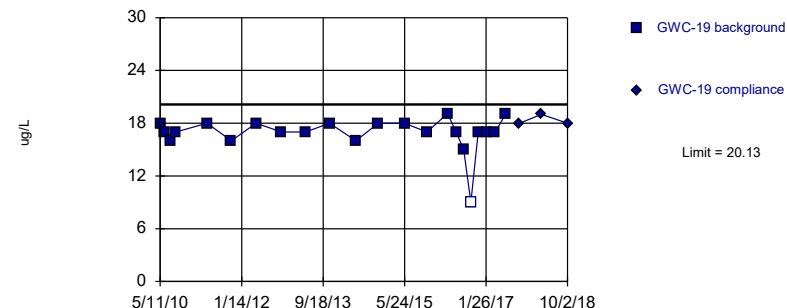
Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



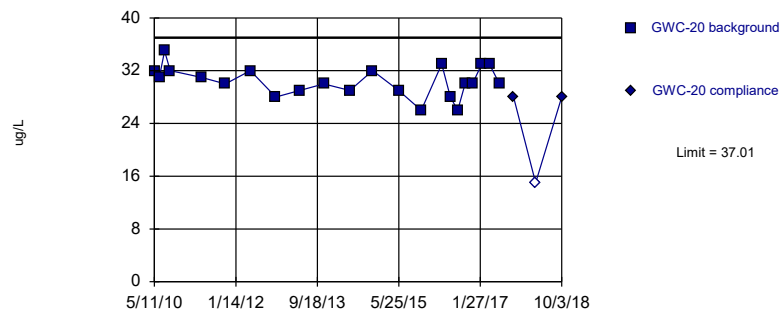
Background Data Summary (based on x^4 transformation): Mean=86307, Std. Dev.=26916, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8872, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



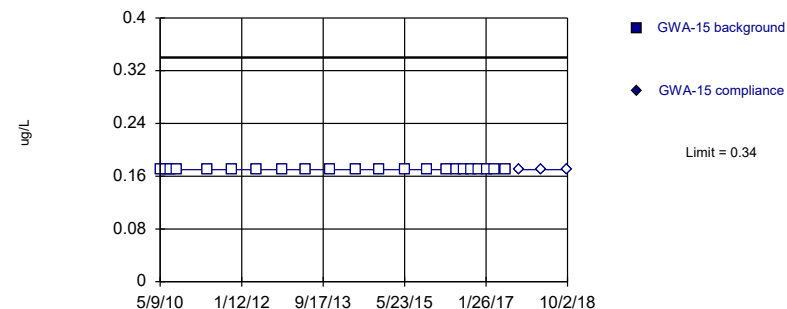
Background Data Summary: Mean=30.41, Std. Dev.=2.282, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



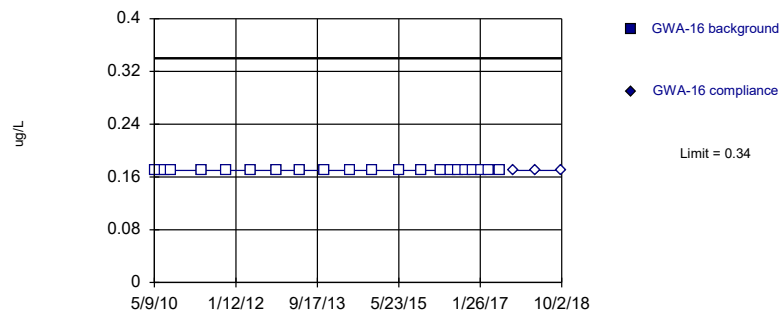
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



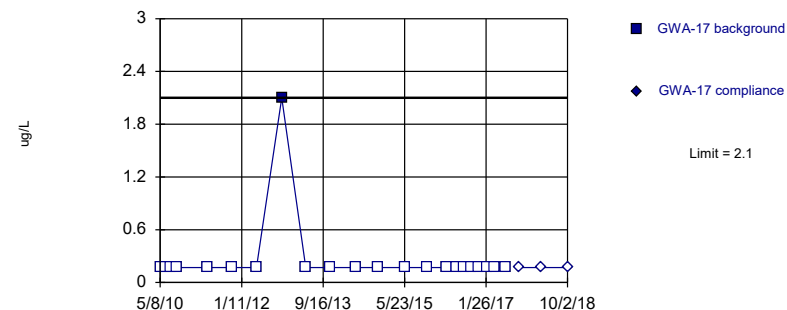
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



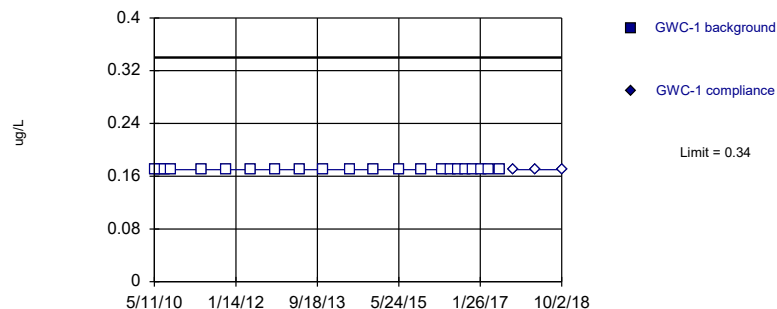
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



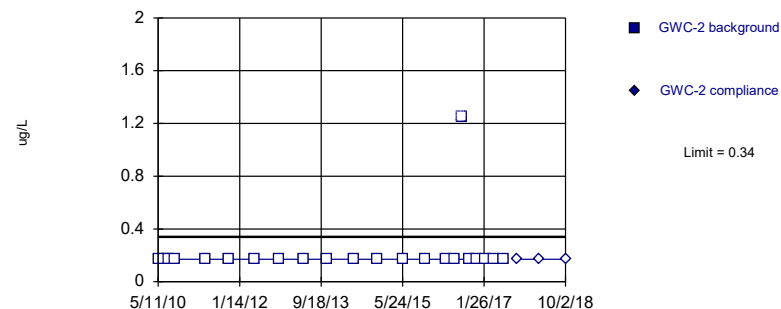
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



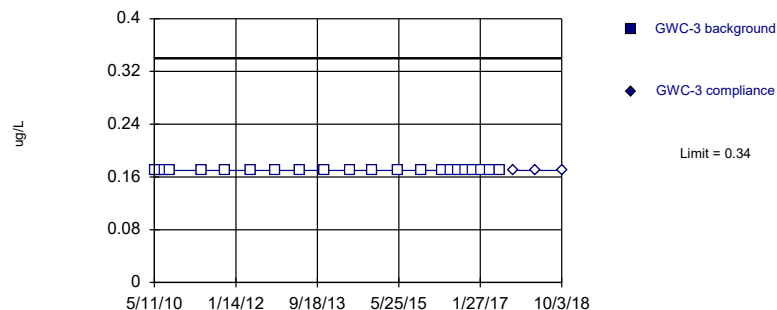
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



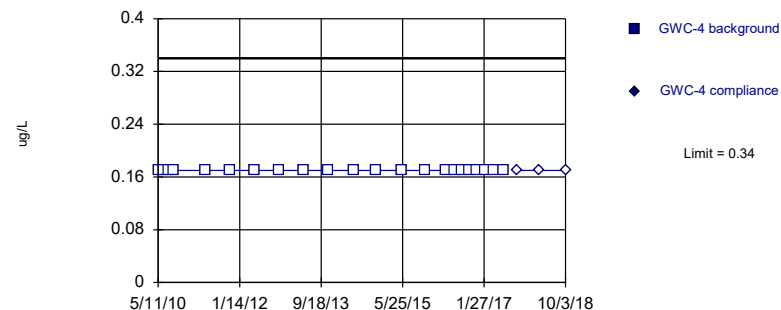
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit

Prediction Limit Intrawell Non-parametric

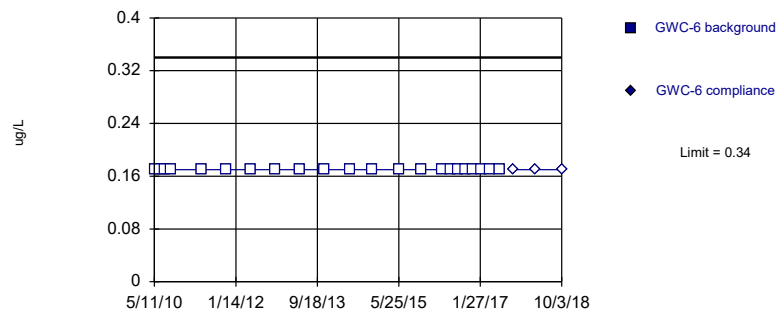


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Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

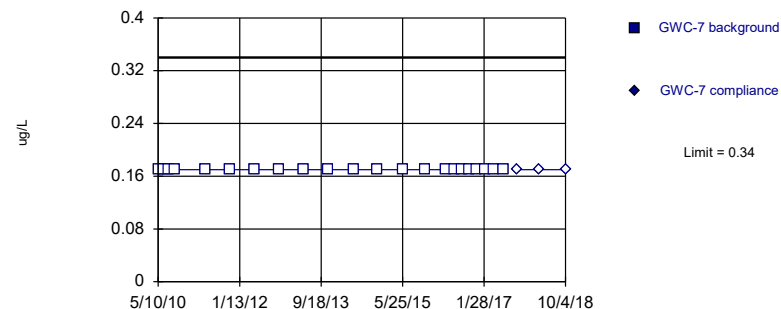


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Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

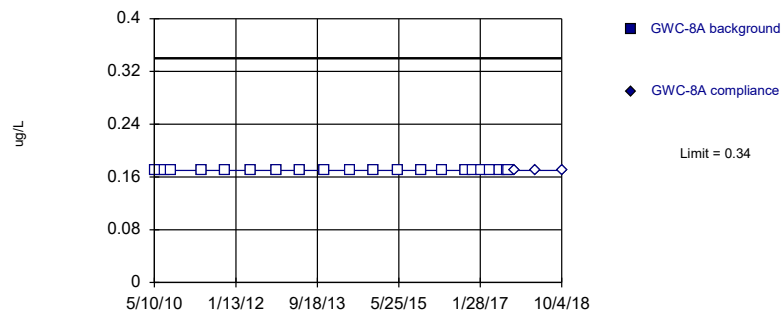


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

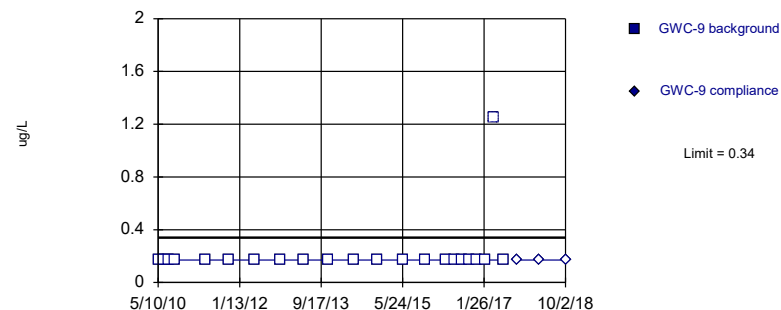


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Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

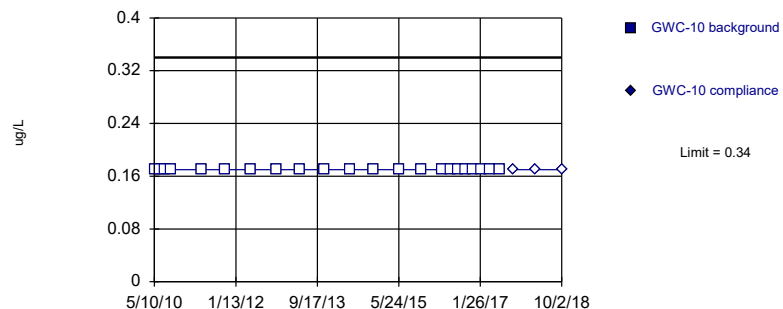


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

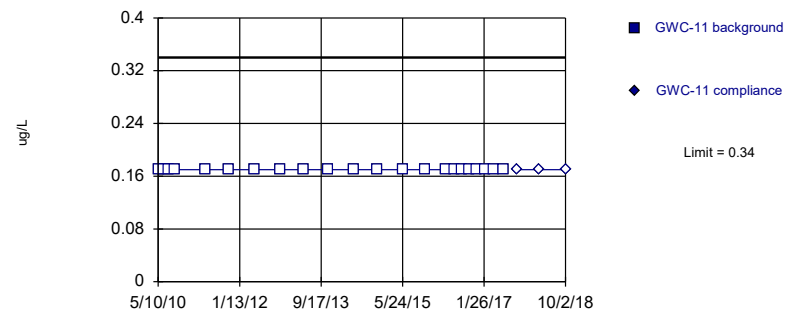


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

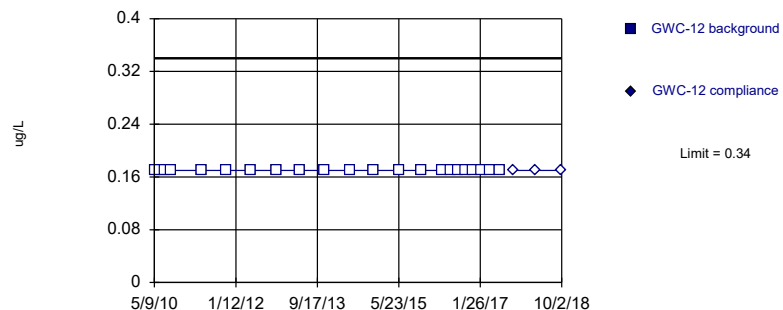


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

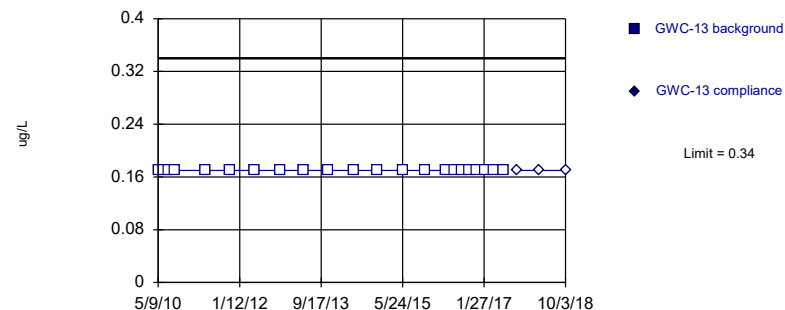


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



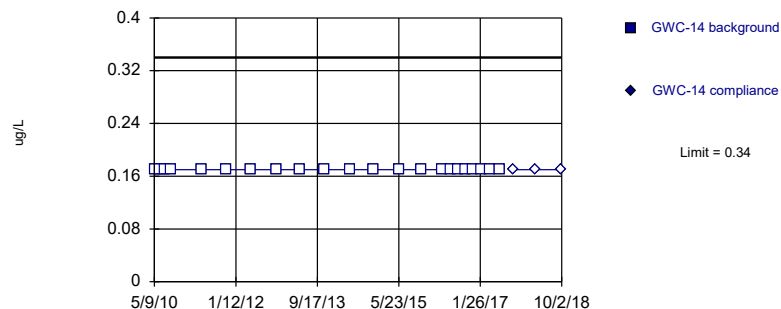
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



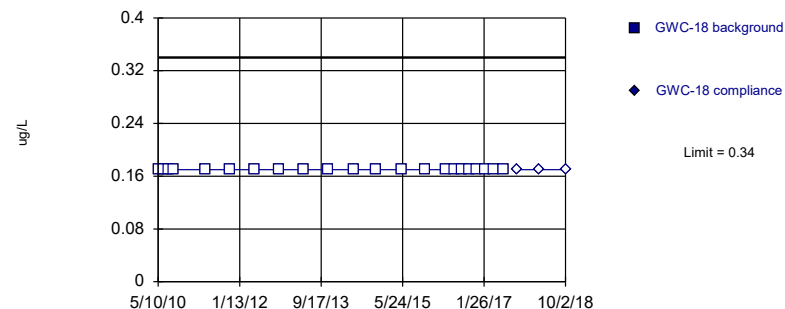
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Within Limit

Prediction Limit Intrawell Non-parametric



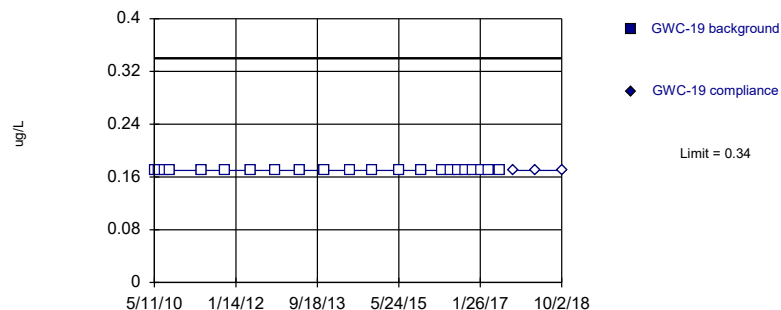
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Within Limit

Prediction Limit Intrawell Non-parametric



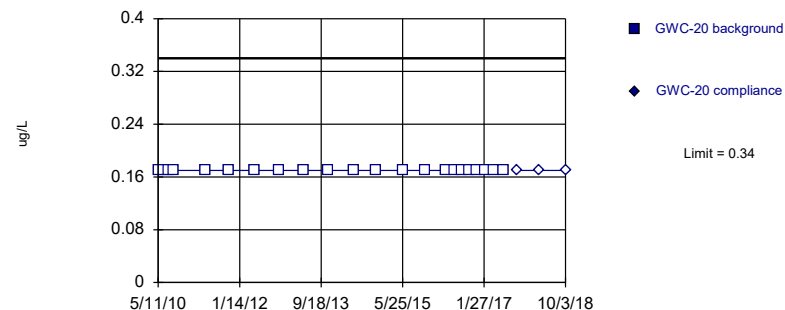
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit Intrawell Non-parametric

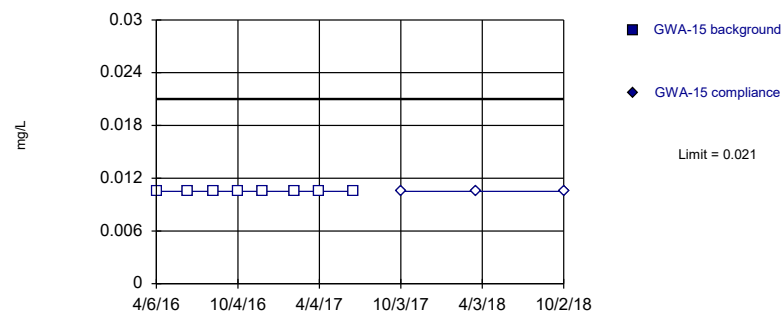


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

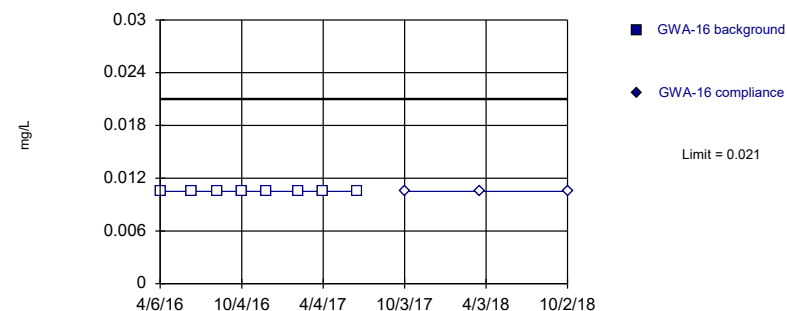


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

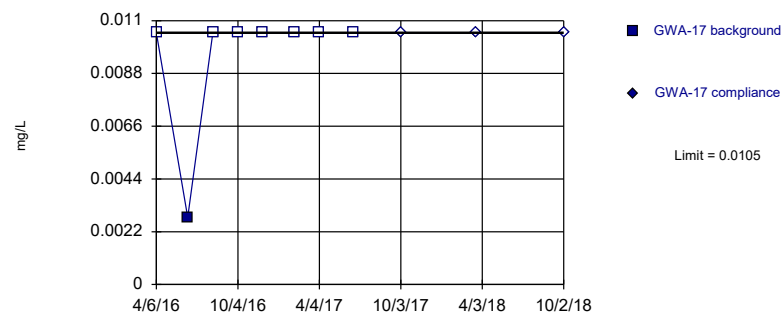


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

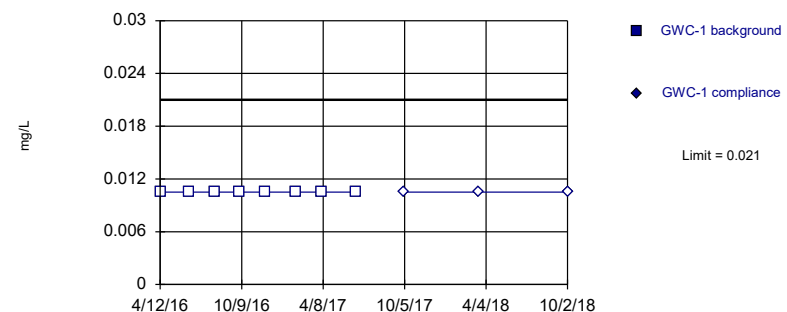


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

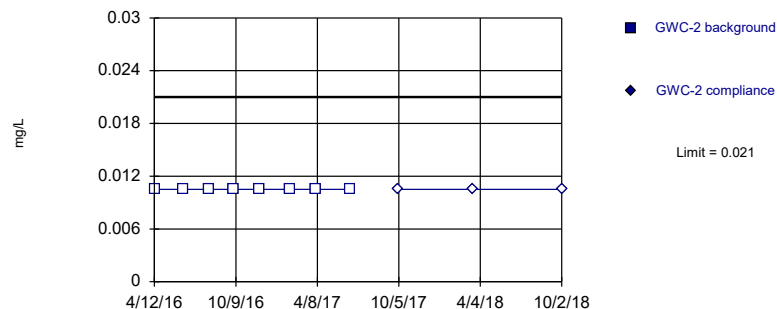


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

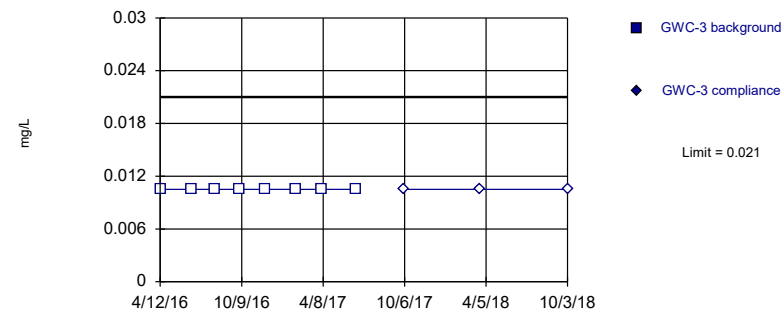


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

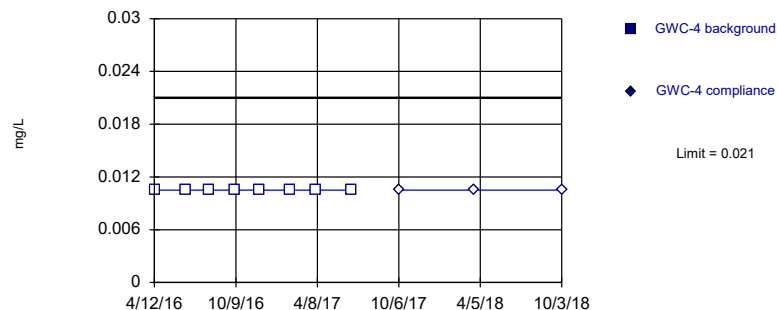


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

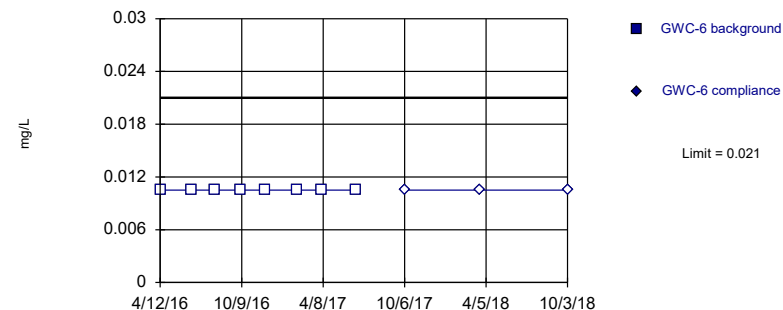


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

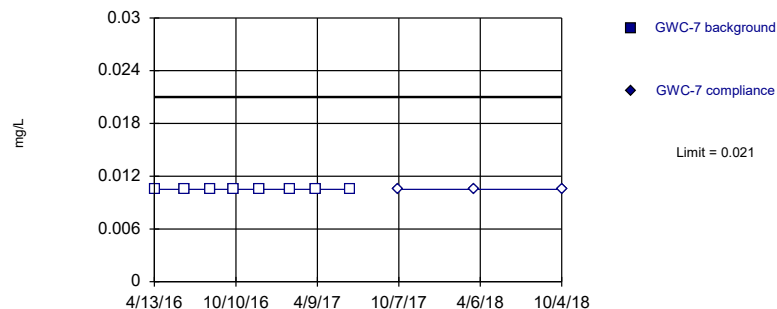


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

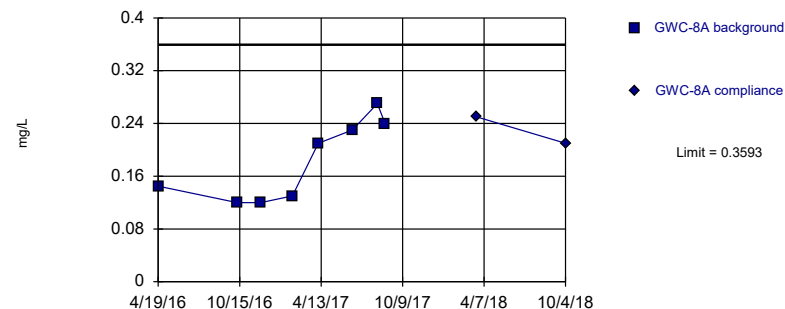


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Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

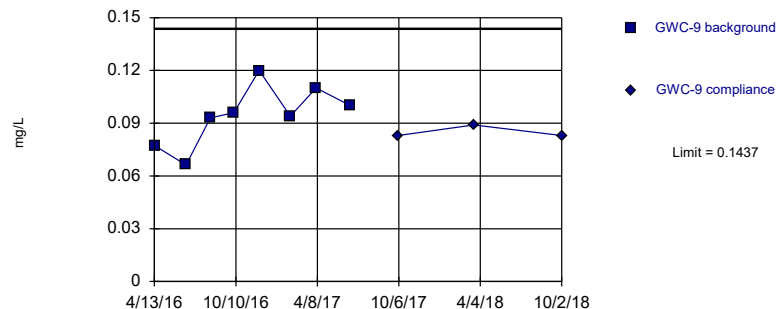


Background Data Summary: Mean=0.1831, Std. Dev.=0.06088, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

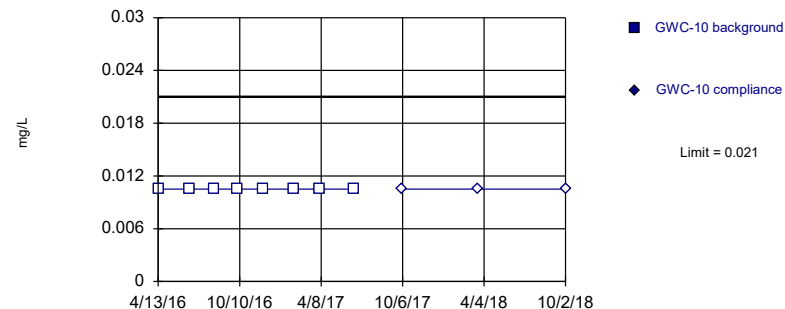


Background Data Summary: Mean=0.09459, Std. Dev.=0.01696, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9681, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

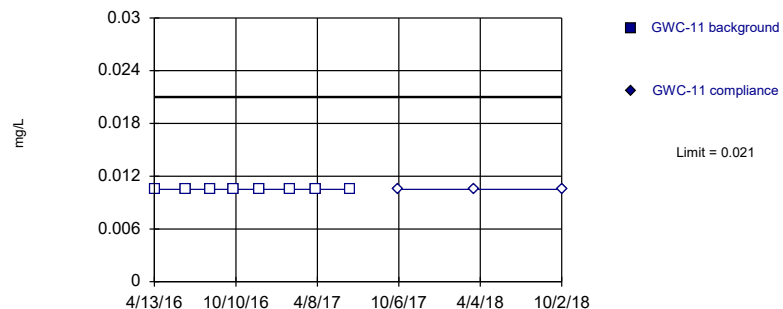


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Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

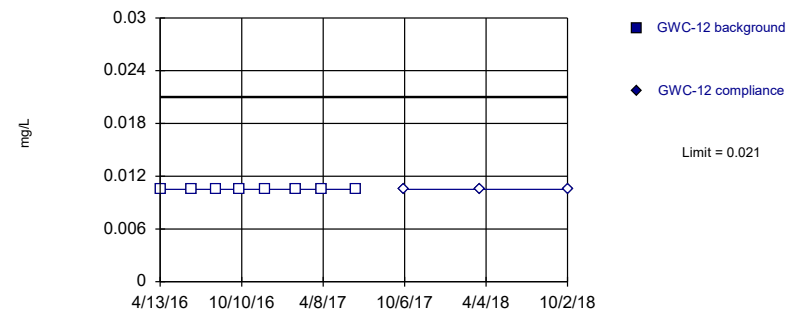


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

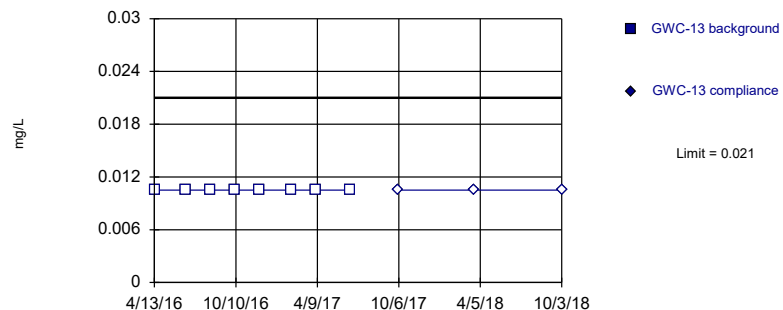


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

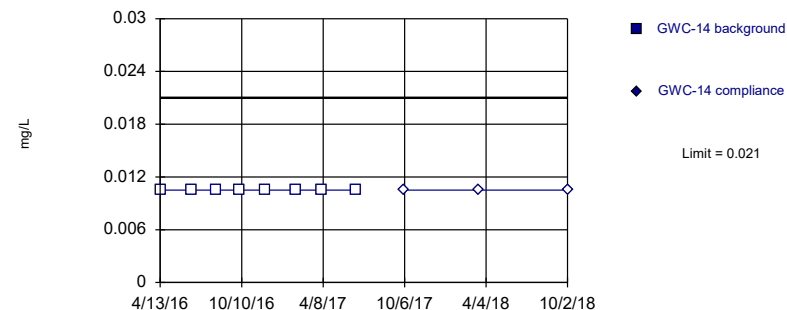


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

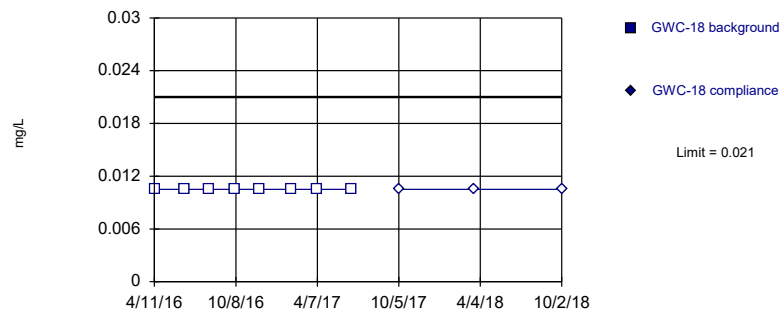


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Within Limit

Prediction Limit Intrawell Non-parametric

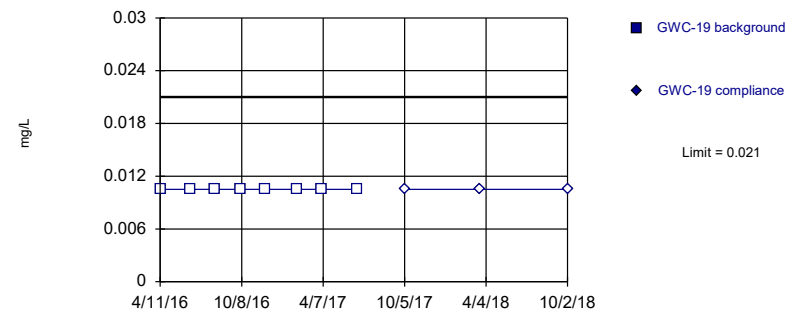


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Within Limit

Prediction Limit Intrawell Non-parametric

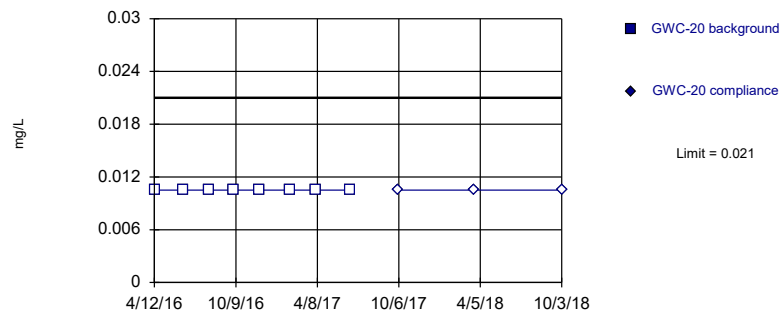


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Within Limit

Prediction Limit Intrawell Non-parametric

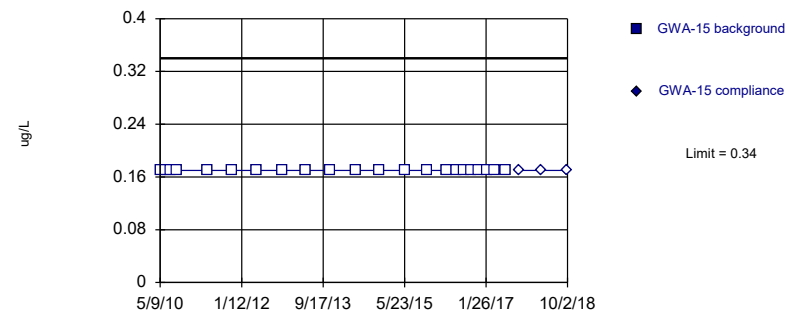


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

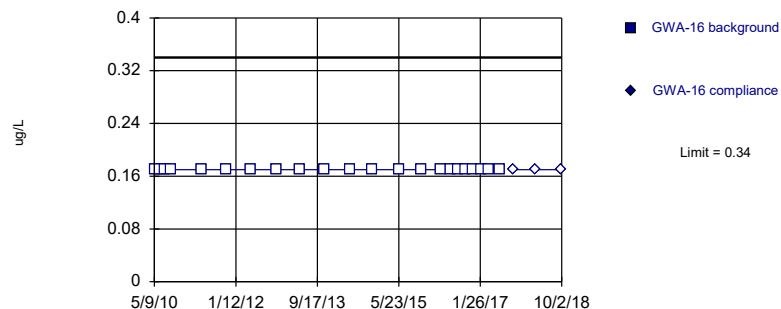


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

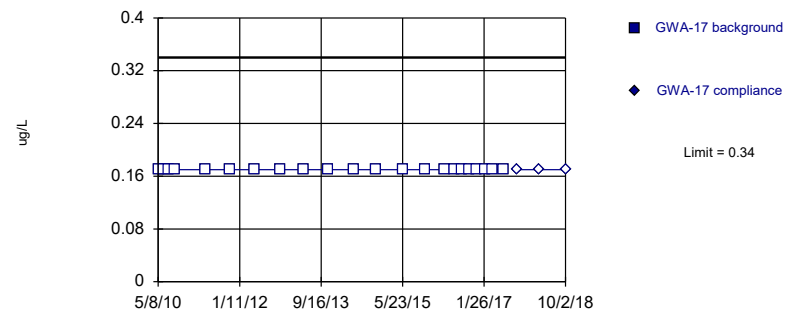


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Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

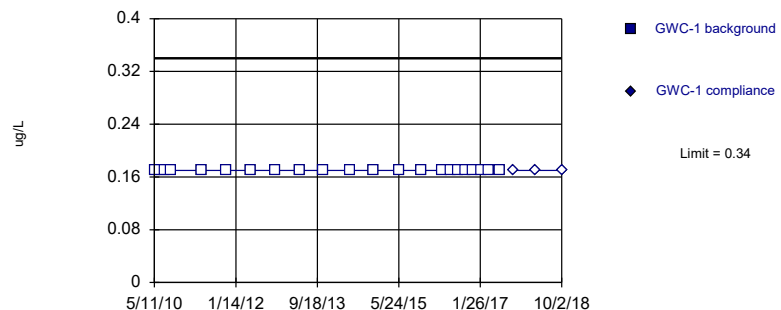


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

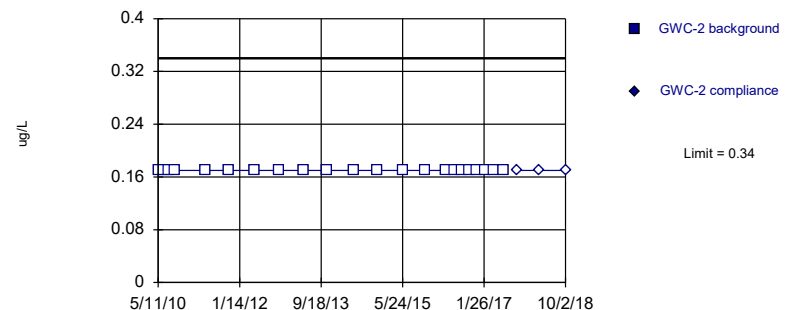


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



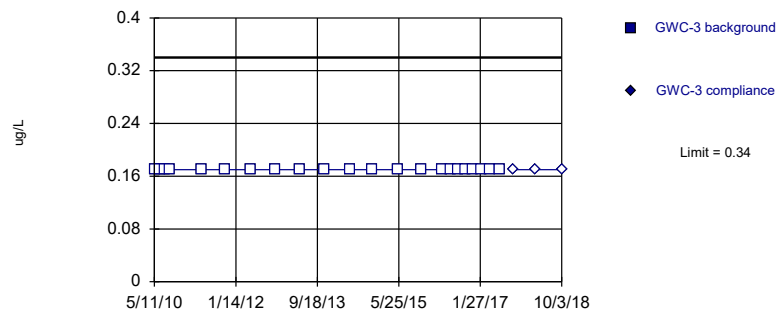
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



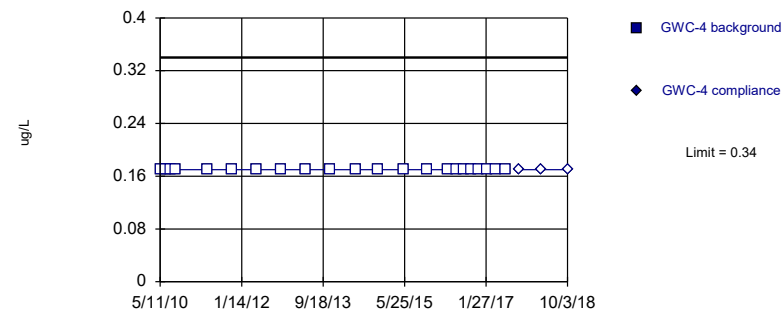
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



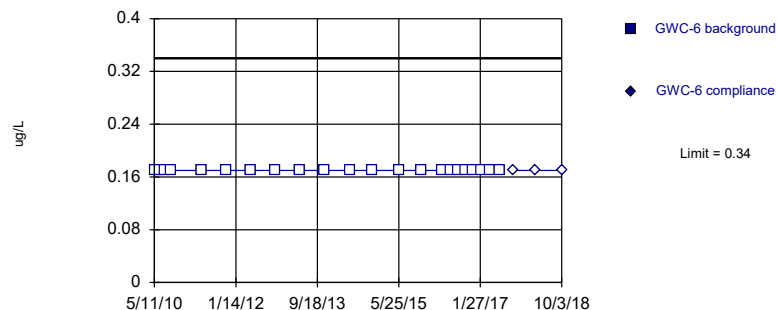
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



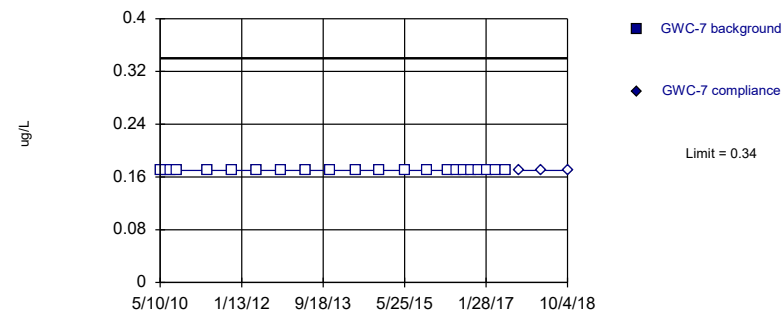
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

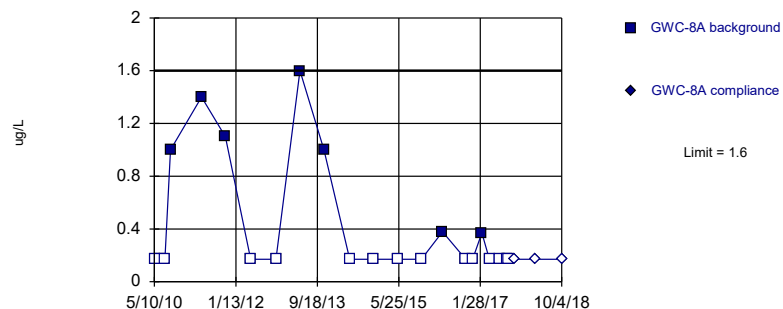


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

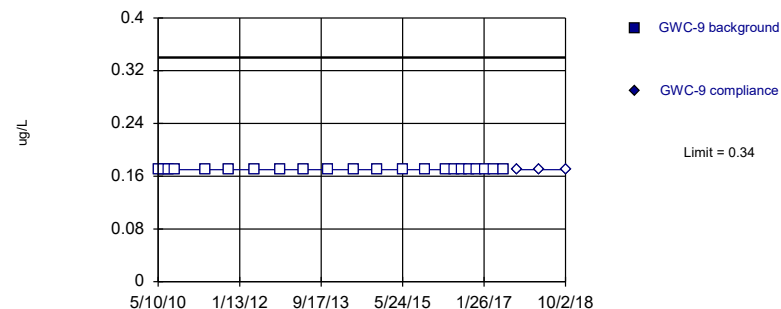


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

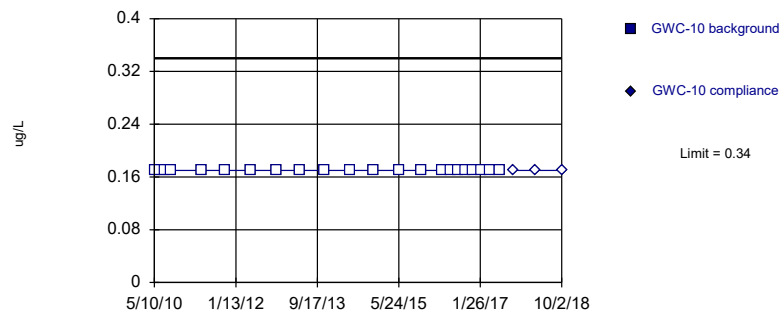


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

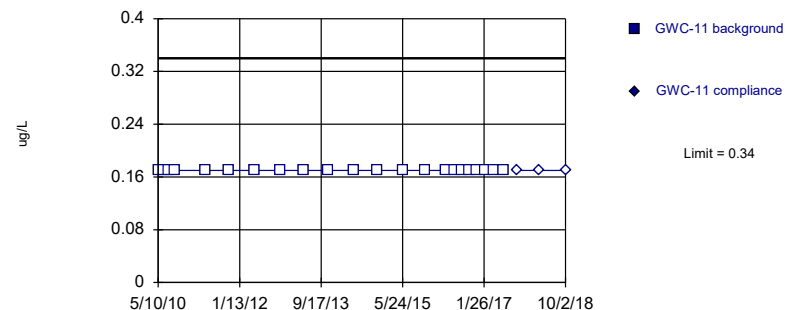


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

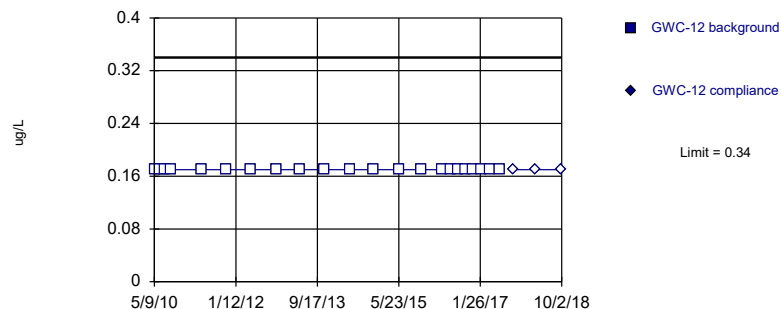


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

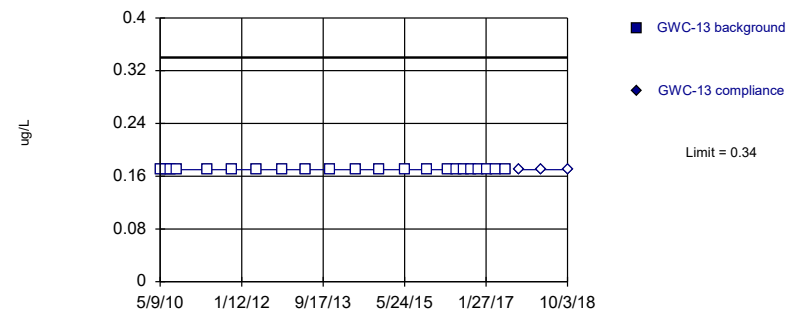


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

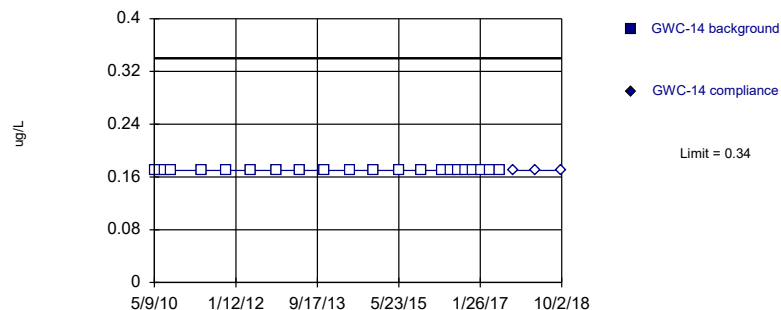


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

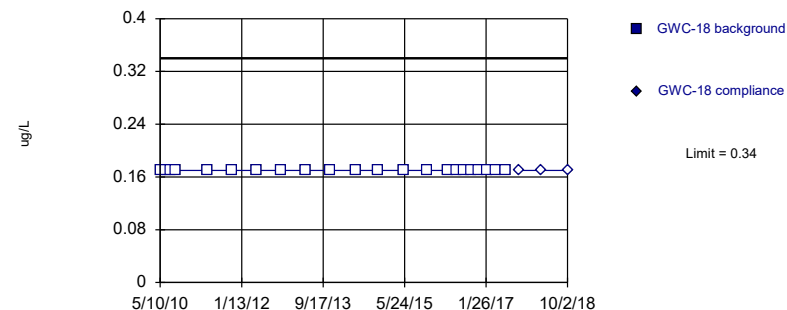


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

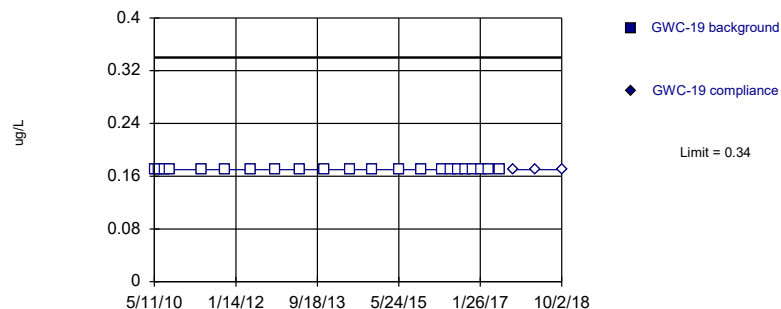


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

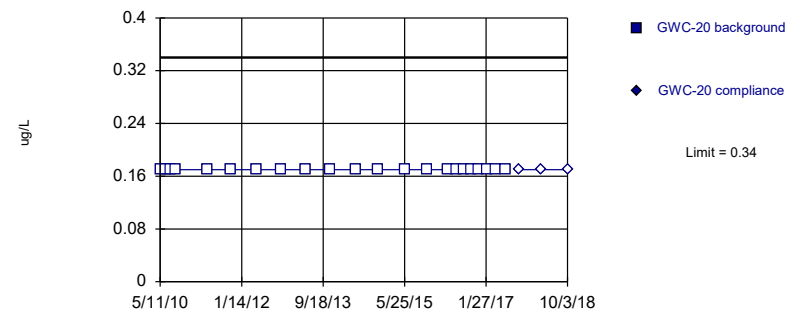


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

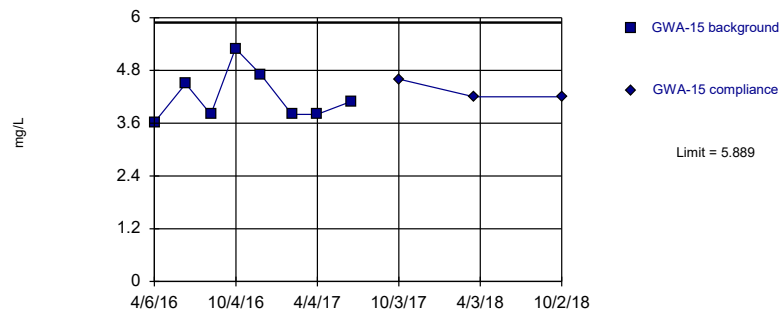


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

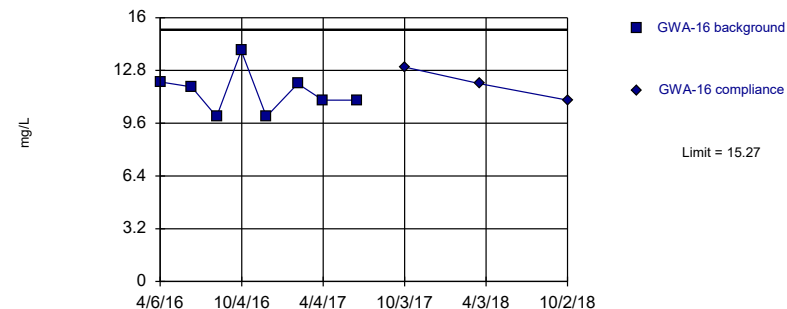


Background Data Summary: Mean=4.203, Std. Dev.=0.5826, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.873, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



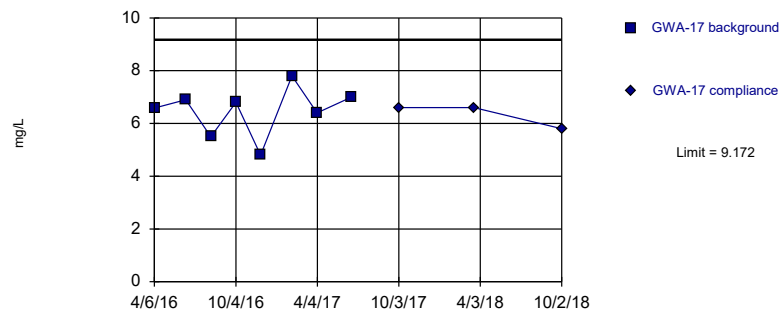
Background Data Summary: Mean=11.49, Std. Dev.=1.307, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



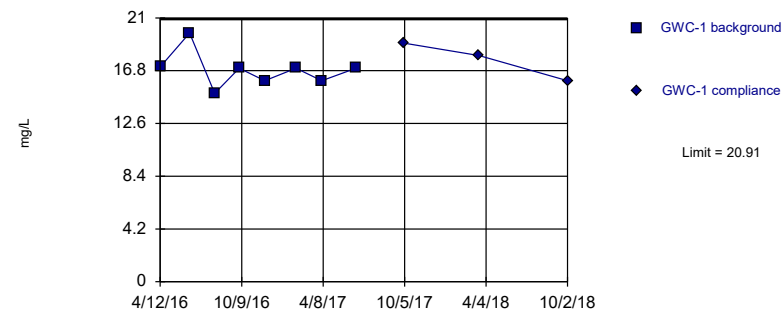
Background Data Summary: Mean=6.473, Std. Dev.=0.9328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



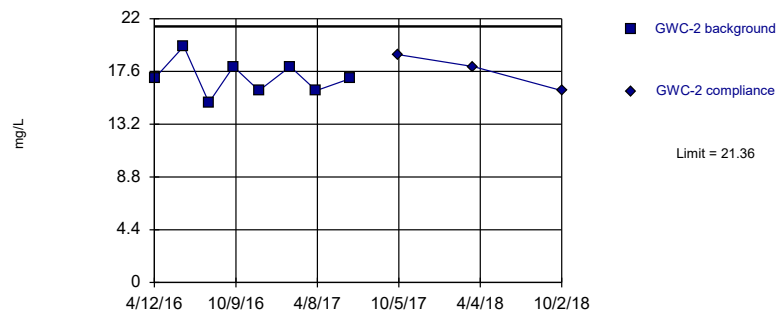
Background Data Summary: Mean=16.86, Std. Dev.=1.399, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8575, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



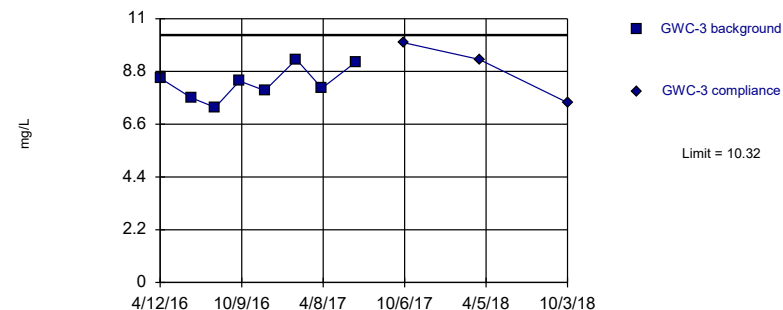
Background Data Summary: Mean=17.09, Std. Dev.=1.475, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



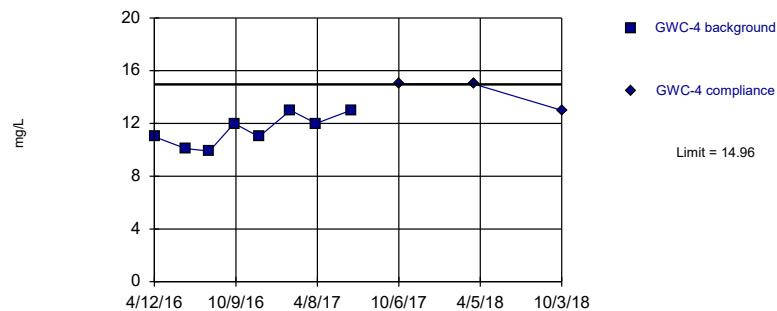
Background Data Summary: Mean=8.315, Std. Dev.=0.6925, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9572, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



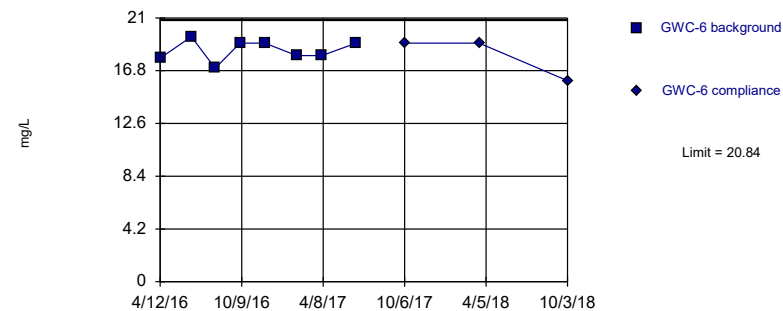
Background Data Summary: Mean=11.5, Std. Dev.=1.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9127, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



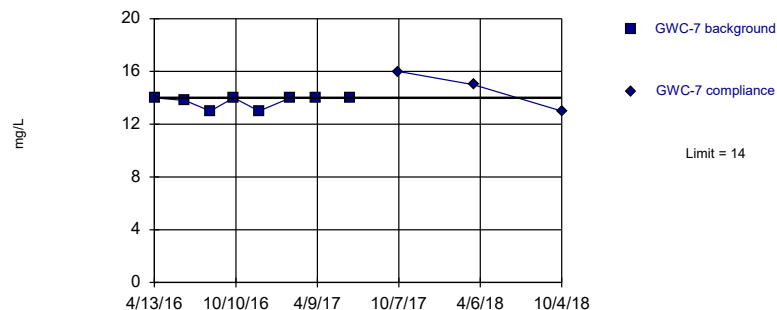
Background Data Summary: Mean=18.41, Std. Dev.=0.8391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



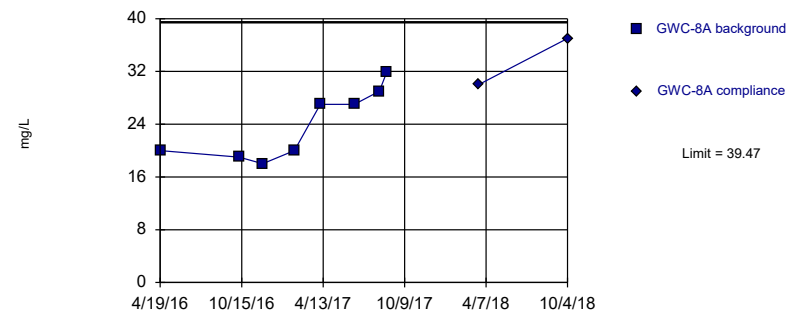
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



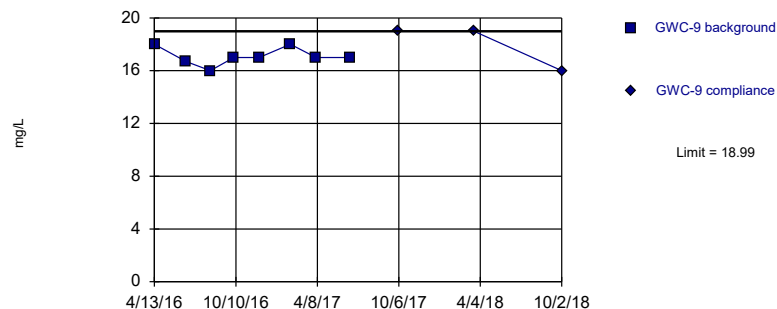
Background Data Summary: Mean=24, Std. Dev.=5.345, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8778, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



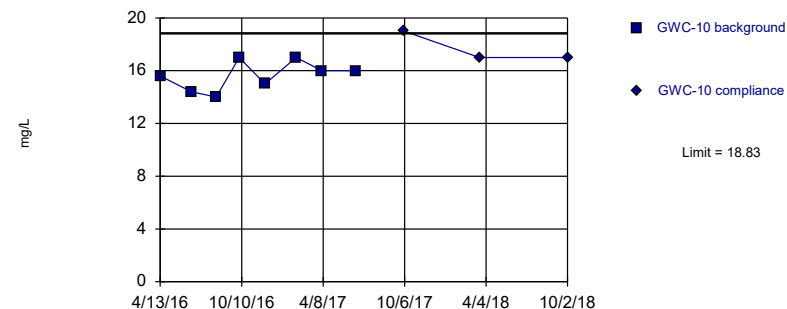
Background Data Summary: Mean=17.09, Std. Dev.=0.6578, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8683, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



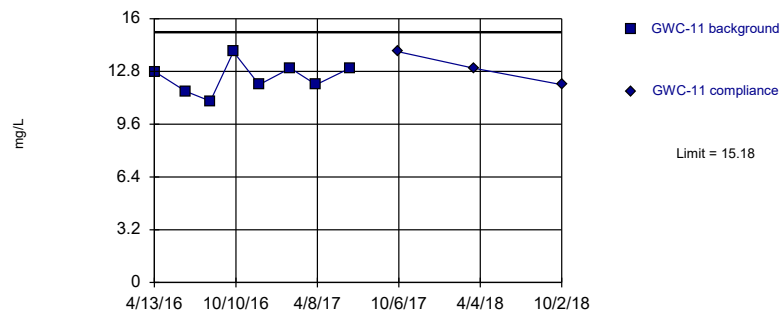
Background Data Summary: Mean=15.63, Std. Dev.=1.108, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9351, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



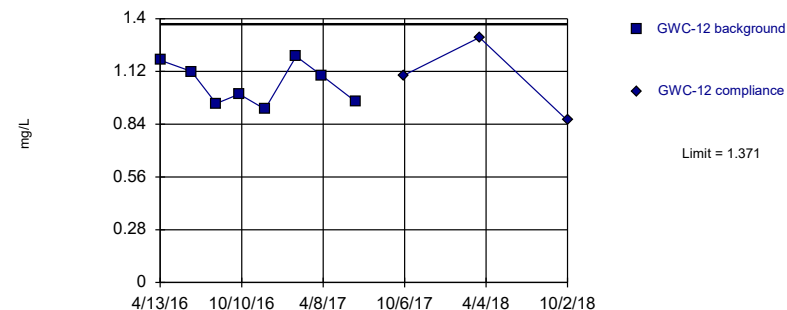
Background Data Summary: Mean=12.43, Std. Dev.=0.9528, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



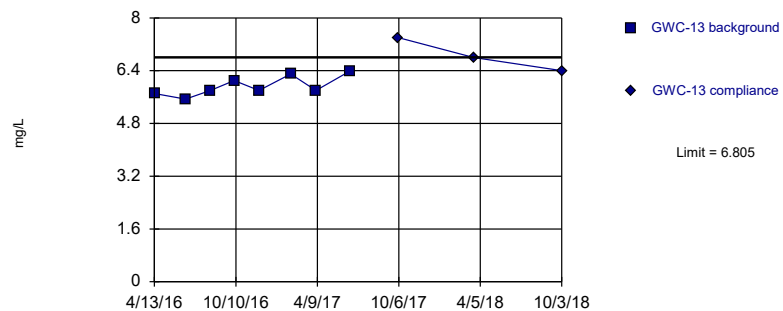
Background Data Summary: Mean=1.054, Std. Dev.=0.1097, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.903, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



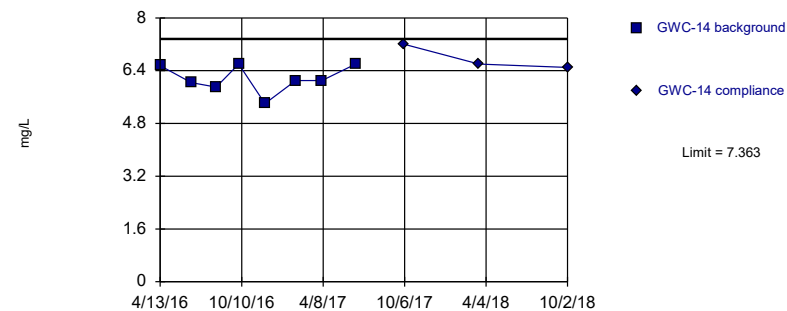
Background Data Summary: Mean=5.931, Std. Dev.=0.3019, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9042, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



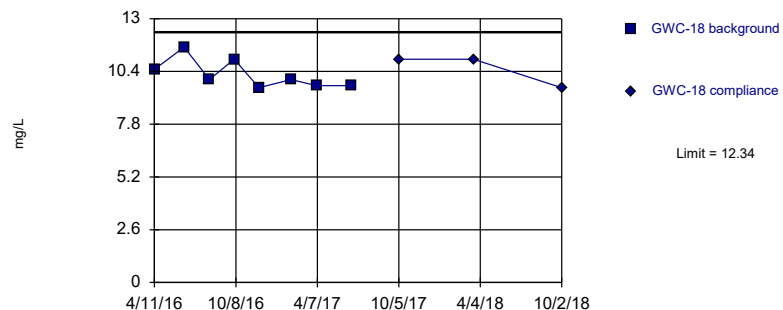
Background Data Summary: Mean=6.161, Std. Dev.=0.4151, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.891, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



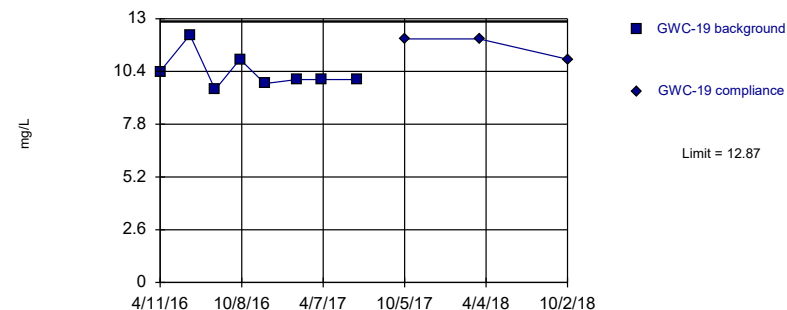
Background Data Summary: Mean=10.26, Std. Dev.=0.717, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8619, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



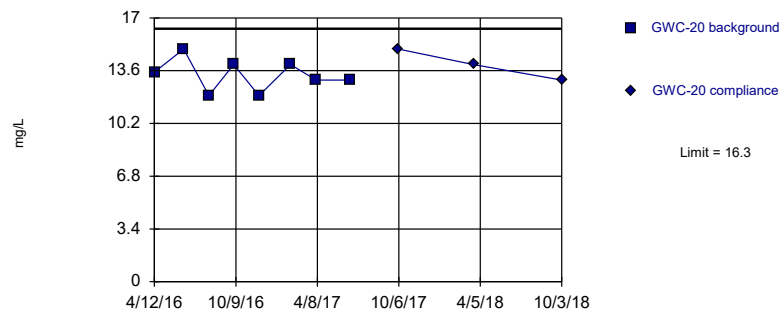
Background Data Summary: Mean=10.36, Std. Dev.=0.8651, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8286, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



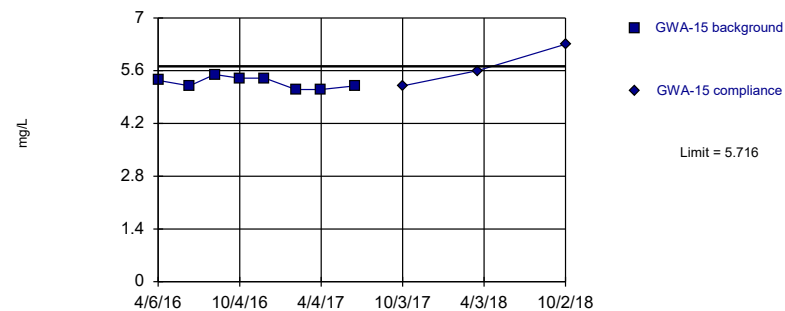
Background Data Summary: Mean=13.31, Std. Dev.=1.033, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9408, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



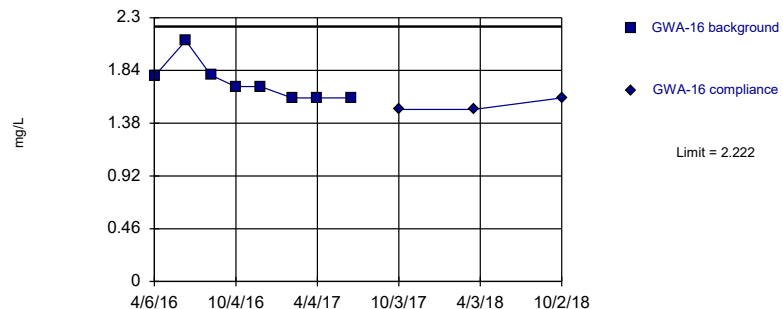
Background Data Summary: Mean=5.28, Std. Dev.=0.1505, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9094, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



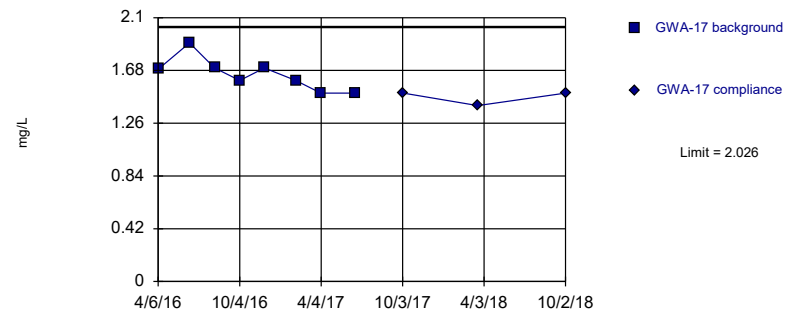
Background Data Summary: Mean=1.736, Std. Dev.=0.168, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8054, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



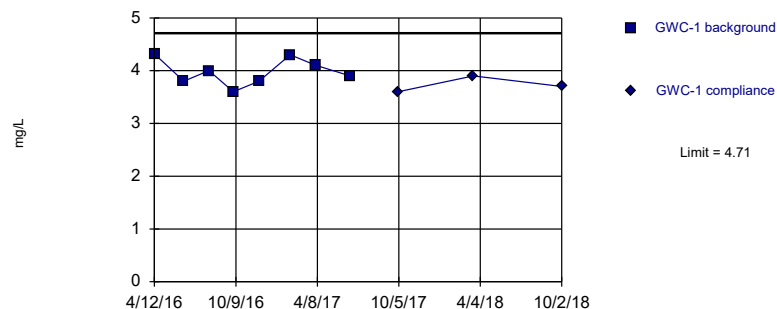
Background Data Summary: Mean=1.649, Std. Dev.=0.1304, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



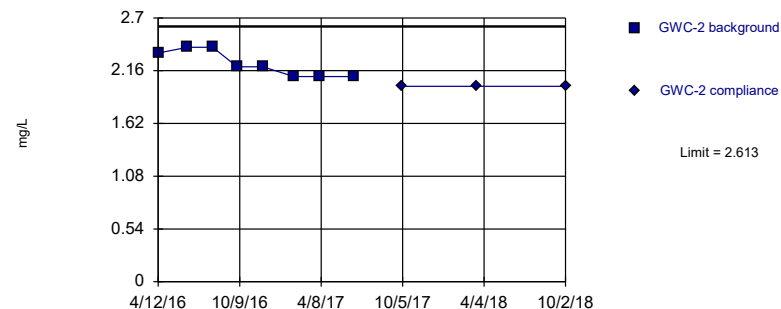
Background Data Summary: Mean=3.978, Std. Dev.=0.2531, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



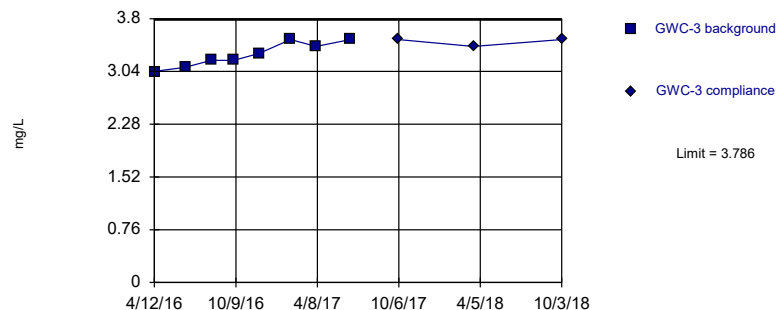
Background Data Summary: Mean=2.23, Std. Dev.=0.1322, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8278, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



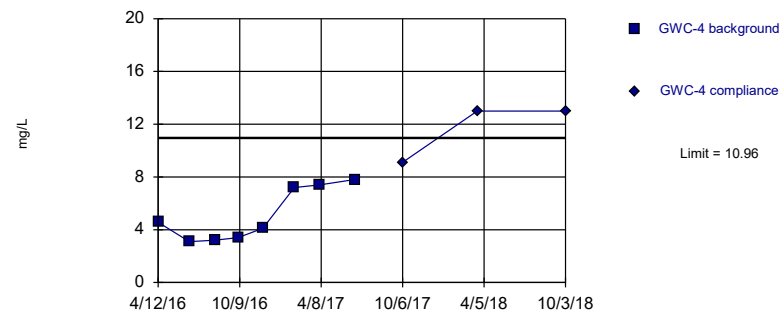
Background Data Summary: Mean=3.28, Std. Dev.=0.175, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



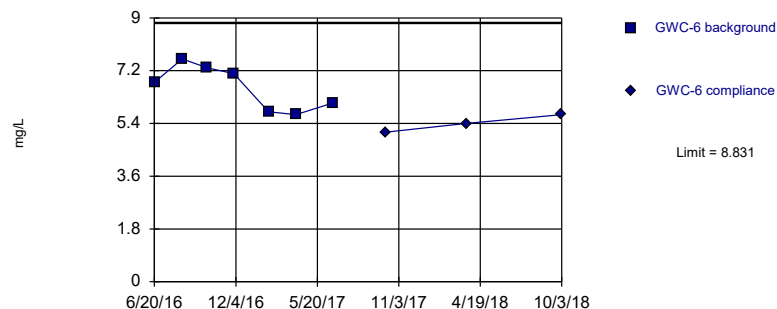
Background Data Summary: Mean=5.096, Std. Dev.=2.027, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8216, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



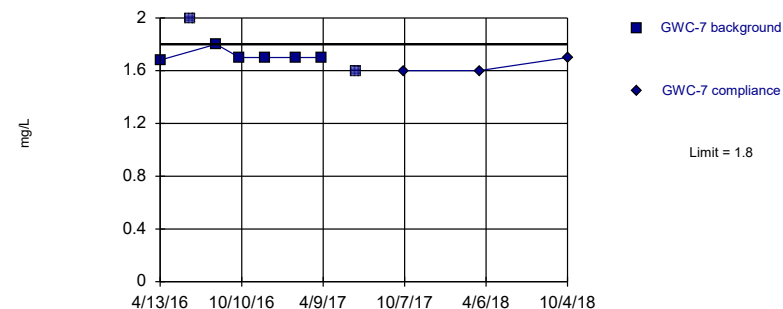
Background Data Summary: Mean=6.629, Std. Dev.=0.761, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.911, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



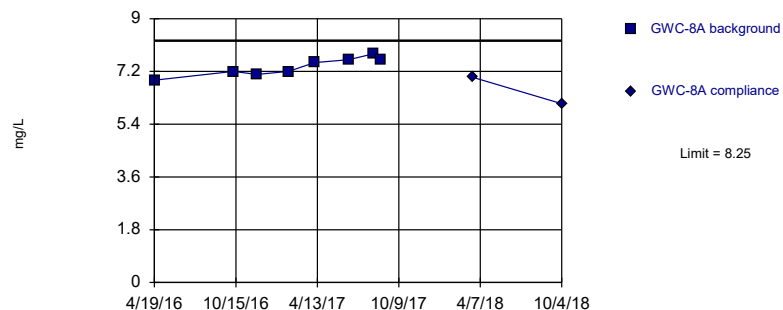
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



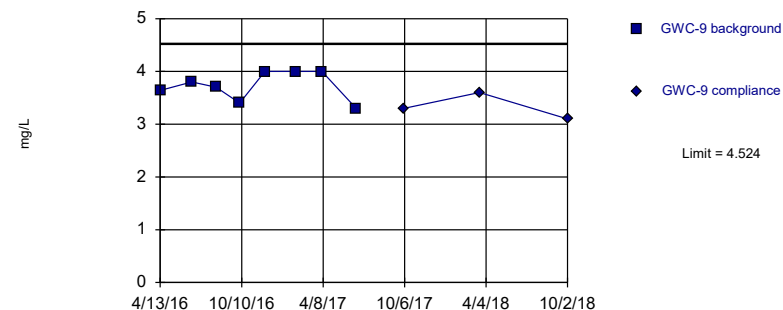
Background Data Summary: Mean=7.363, Std. Dev.=0.3068, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



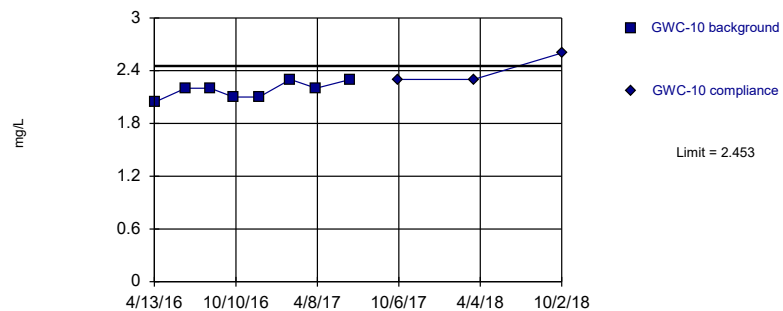
Background Data Summary: Mean=3.73, Std. Dev.=0.2742, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



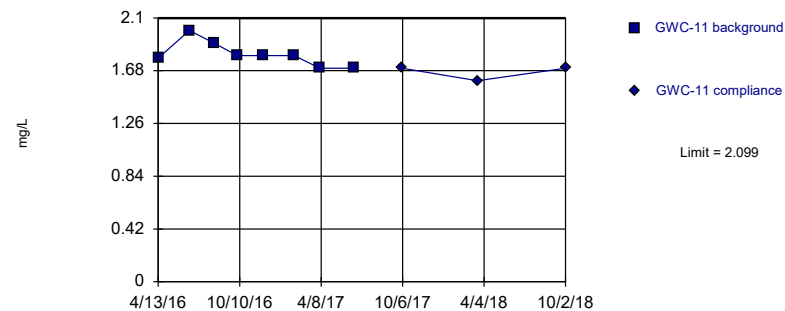
Background Data Summary: Mean=2.18, Std. Dev.=0.09442, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



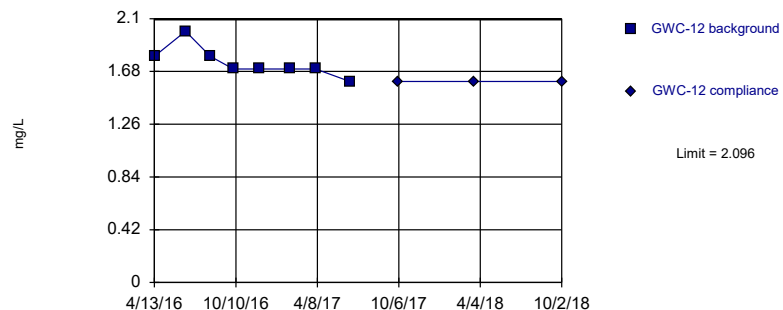
Background Data Summary: Mean=1.81, Std. Dev.=0.09971, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



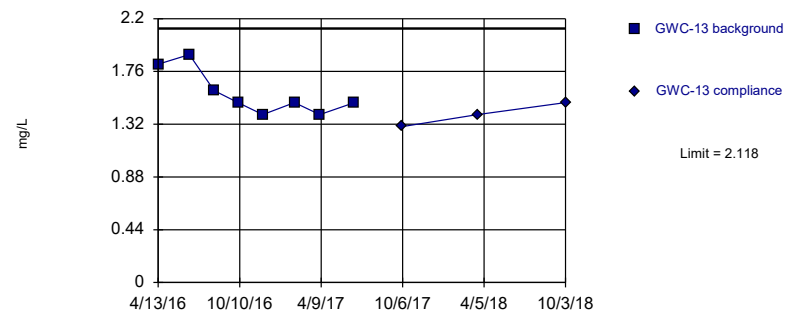
Background Data Summary: Mean=1.75, Std. Dev.=0.1195, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



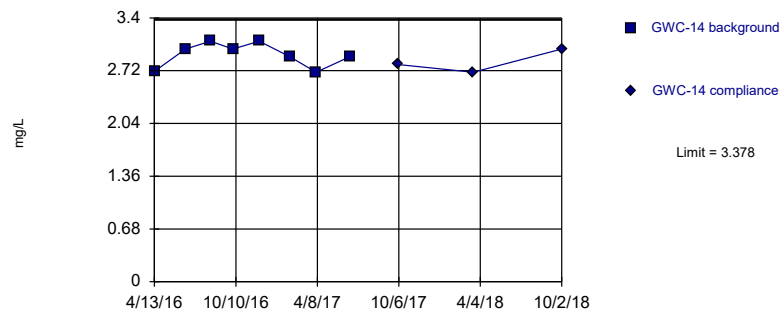
Background Data Summary: Mean=1.578, Std. Dev.=0.1868, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8395, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



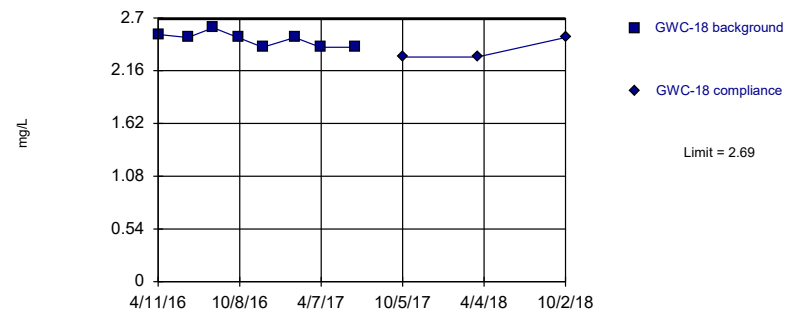
Background Data Summary: Mean=2.926, Std. Dev.=0.1561, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8849, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



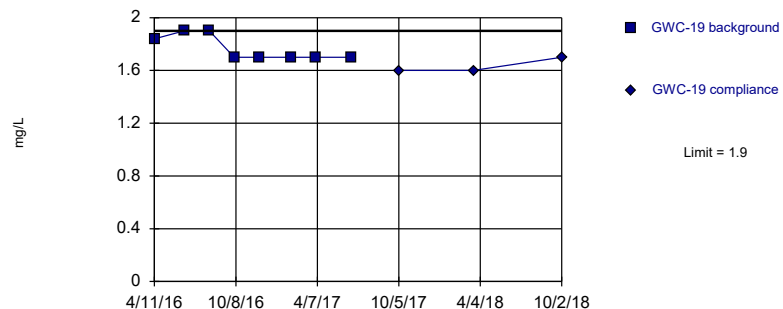
Background Data Summary: Mean=2.479, Std. Dev.=0.07298, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



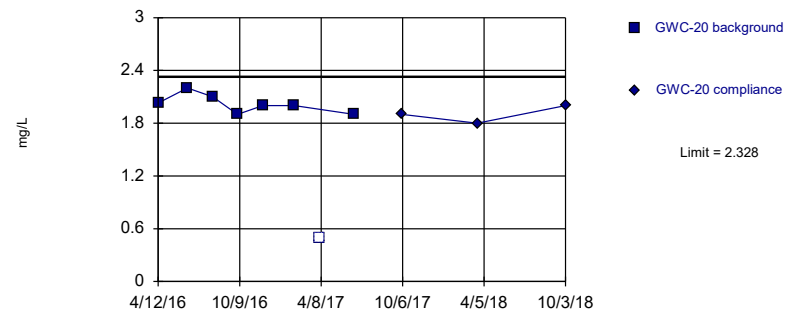
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric

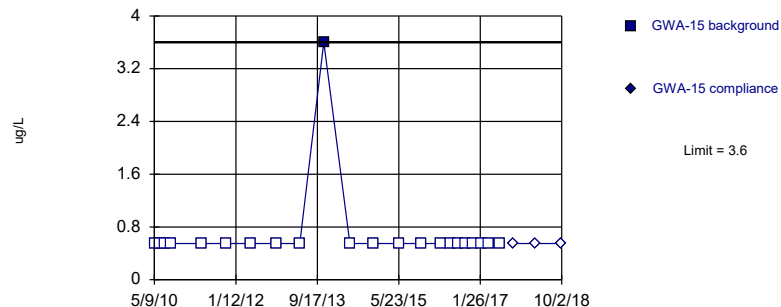


Background Data Summary: Mean=2.019, Std. Dev.=0.1068, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9259, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

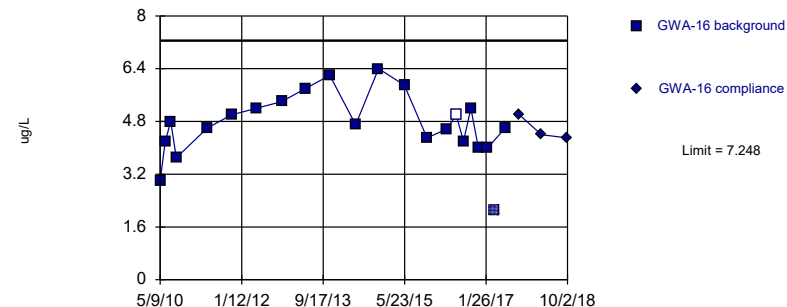


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

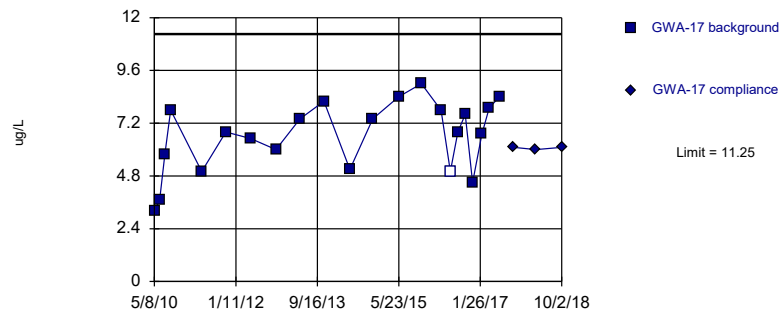


Background Data Summary: Mean=4.799, Std. Dev.=0.8465, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.983, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

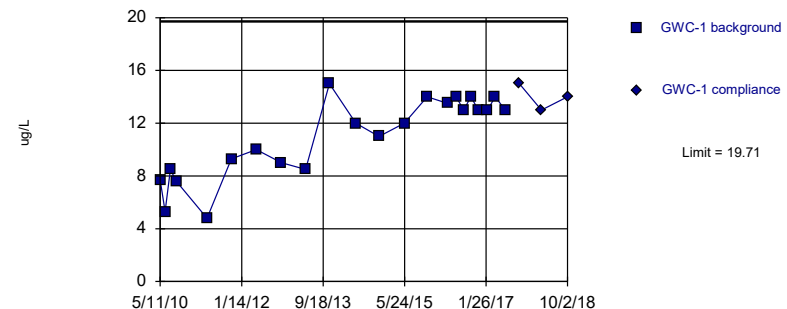


Background Data Summary: Mean=6.59, Std. Dev.=1.611, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9469, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



Background Data Summary: Mean=11.01, Std. Dev.=3.008, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9102, critical = 0.878. Kappa overridden to 2.894.

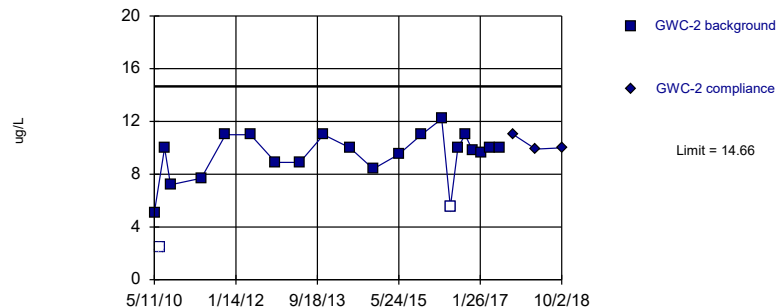
Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=9.419, Std. Dev.=1.811, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8946, critical = 0.873. Kappa overridden to 2.894.

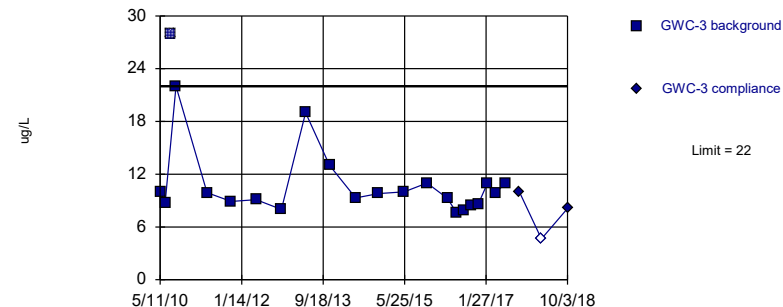
Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

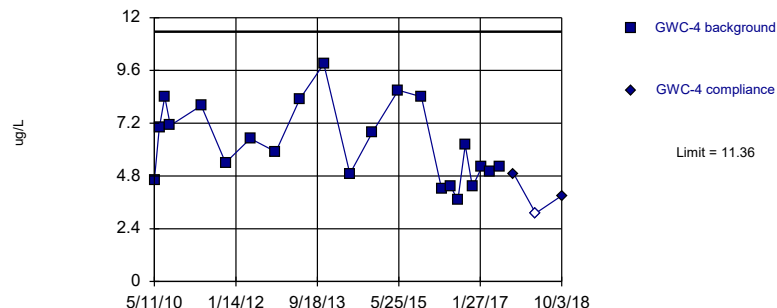
Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.272, Std. Dev.=1.759, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9457, critical = 0.878. Kappa overridden to 2.894.

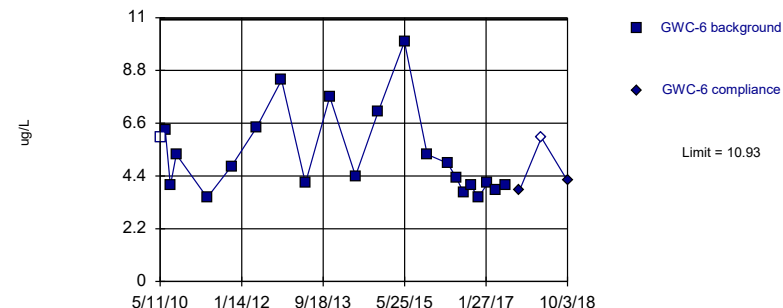
Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



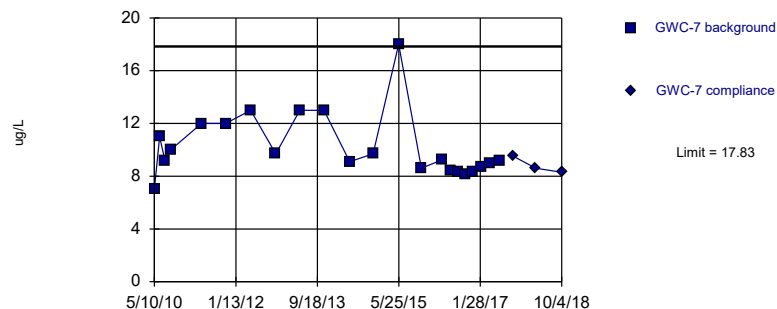
Background Data Summary (based on square root transformation): Mean=2.265, Std. Dev.=0.3598, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8898, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.175, Std. Dev.=0.362, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8791, critical = 0.878. Kappa overridden to 2.894.

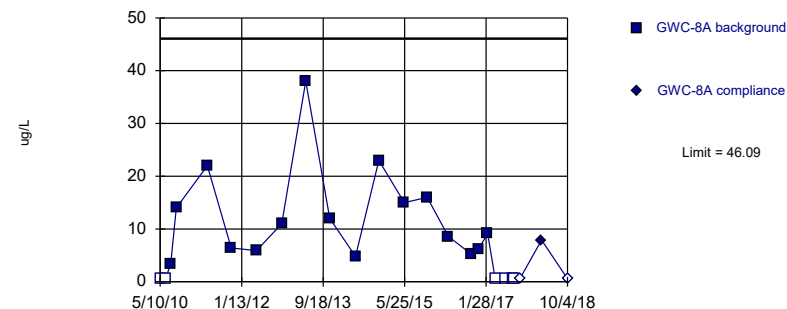
Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=2.73, Std. Dev.=1.403, n=22, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9305, critical = 0.878. Kappa overridden to 2.894.

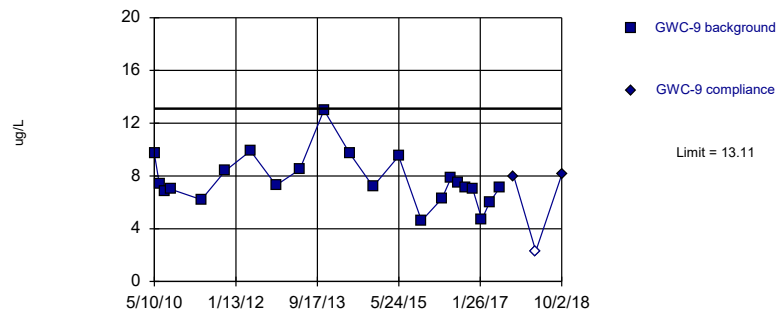
Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



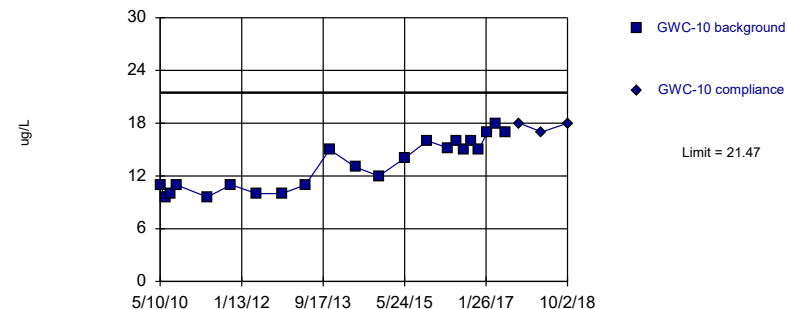
Background Data Summary: Mean=7.671, Std. Dev.=1.879, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric

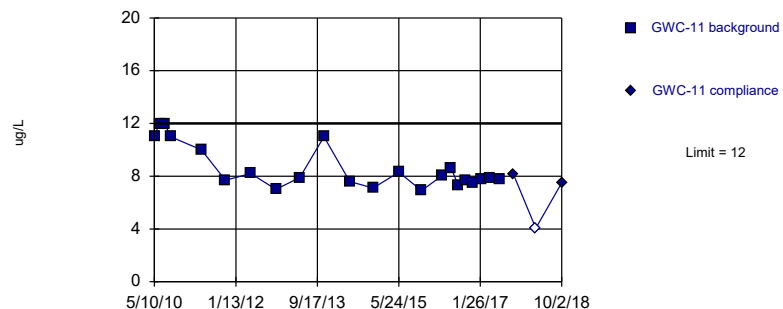


Background Data Summary: Mean=13.29, Std. Dev.=2.827, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9012, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

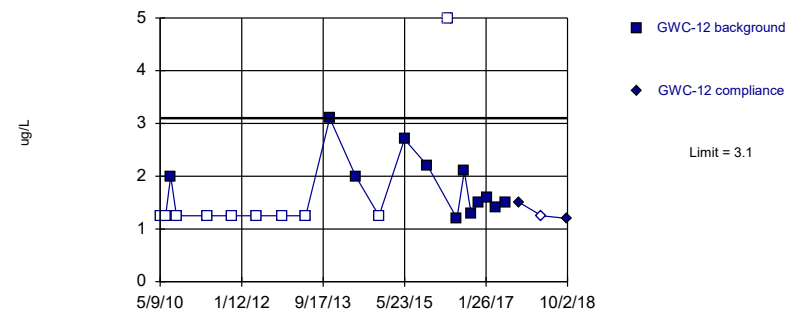


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

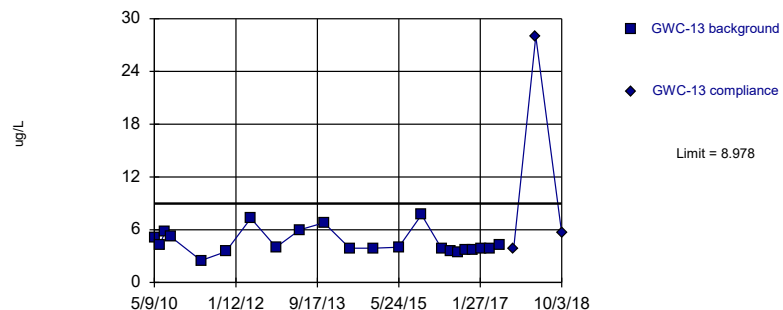


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

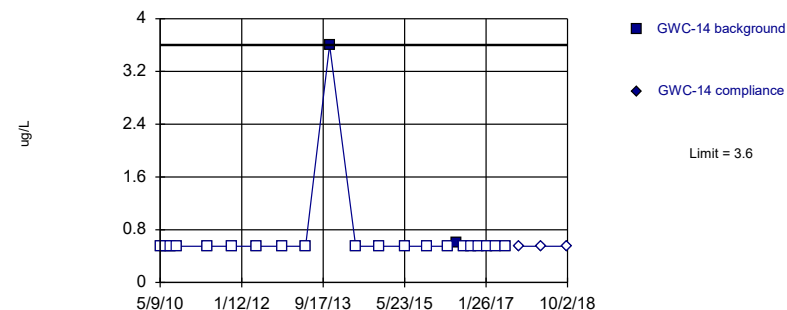


Background Data Summary (based on square root transformation): Mean=2.111, Std. Dev.=0.3059, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8876, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

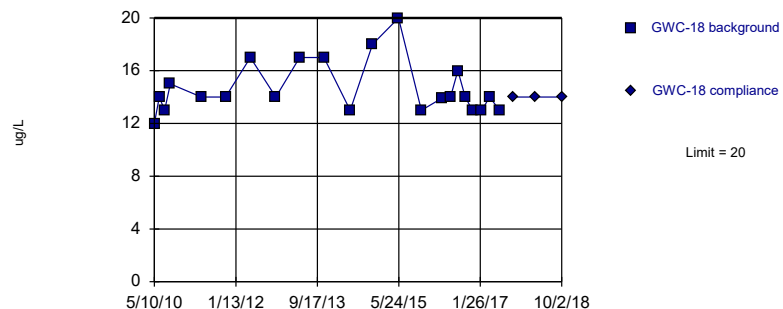


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



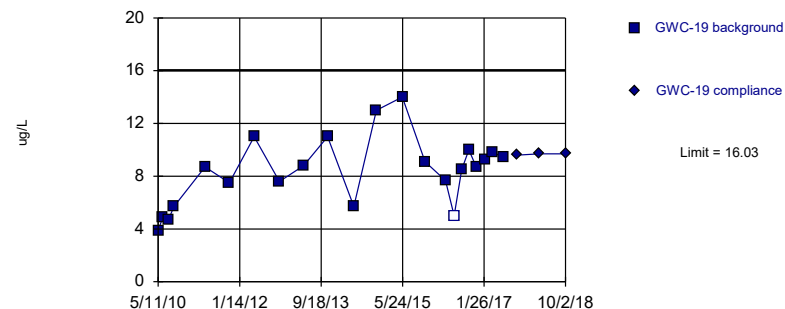
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



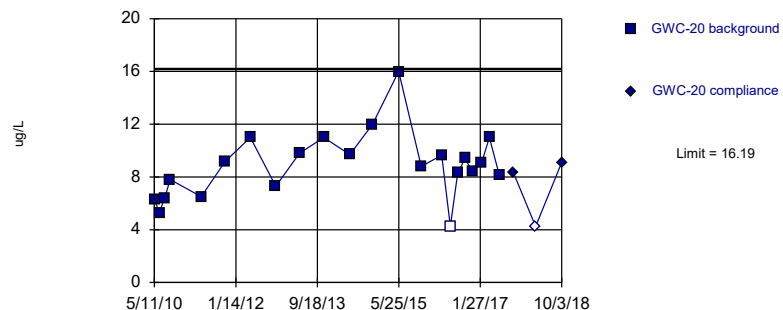
Background Data Summary: Mean=8.362, Std. Dev.=2.65, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9633, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



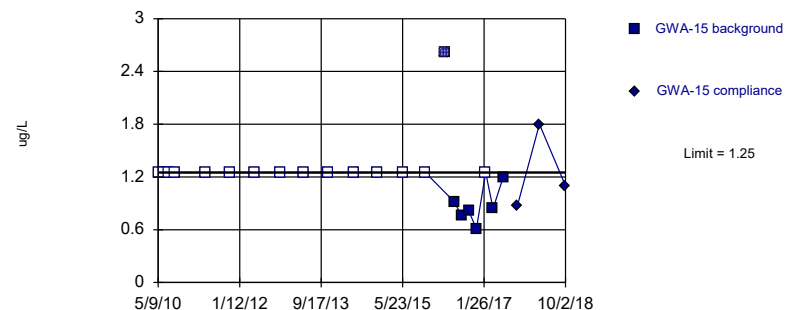
Background Data Summary: Mean=8.877, Std. Dev.=2.526, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9539, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

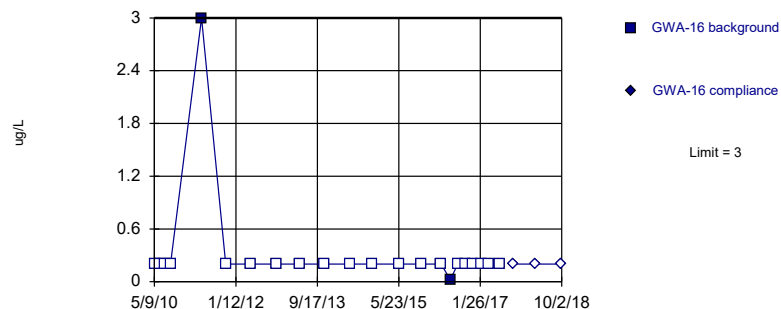


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

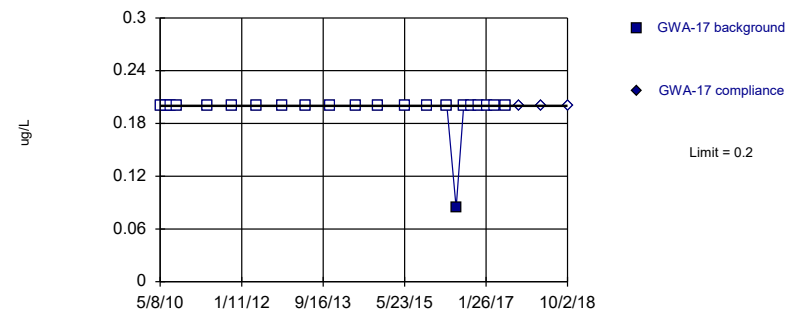


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

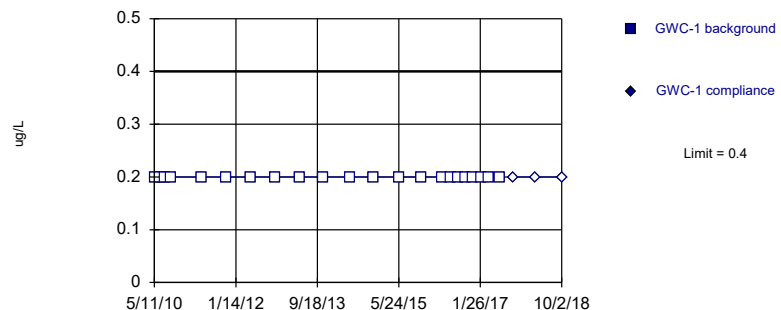


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

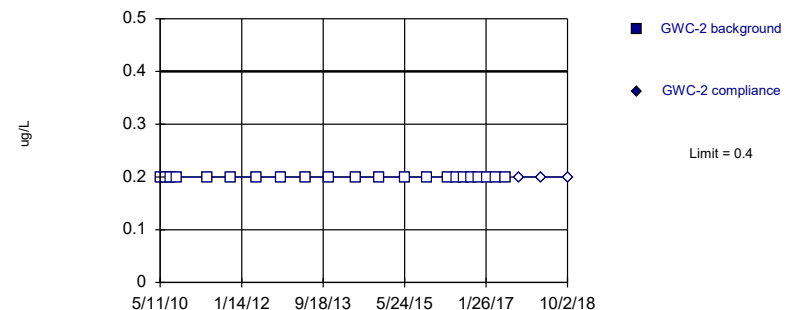


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

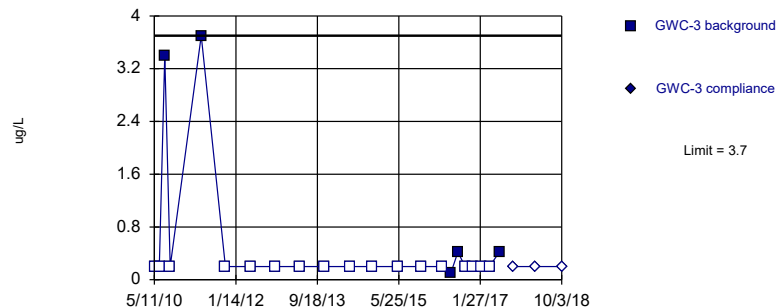


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

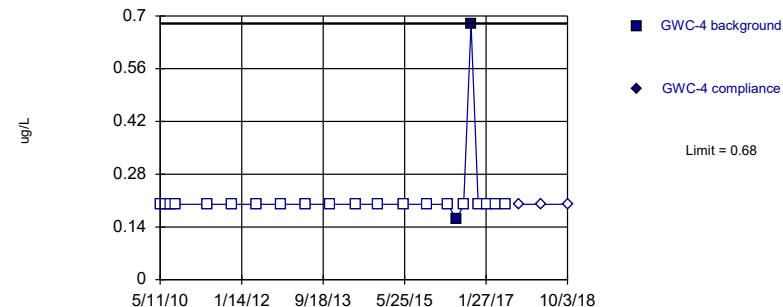


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

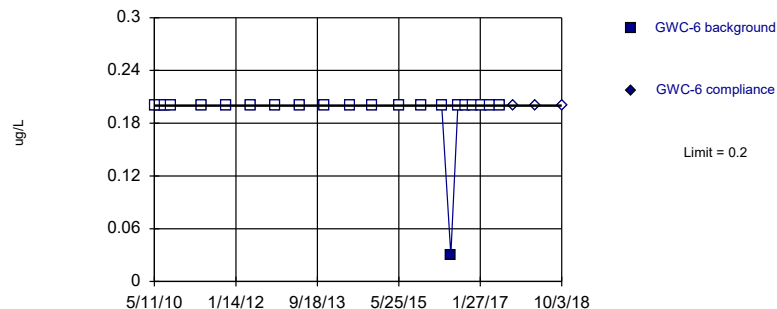


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

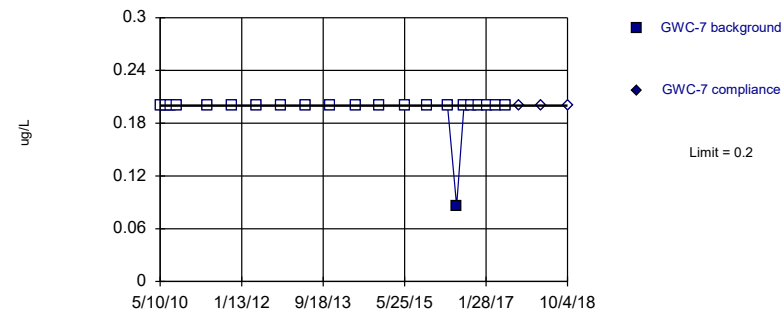


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

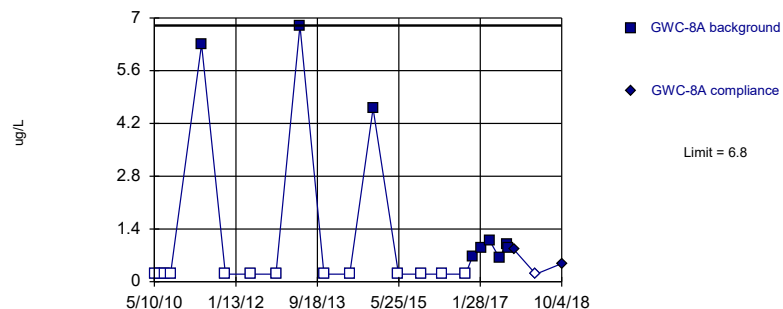


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

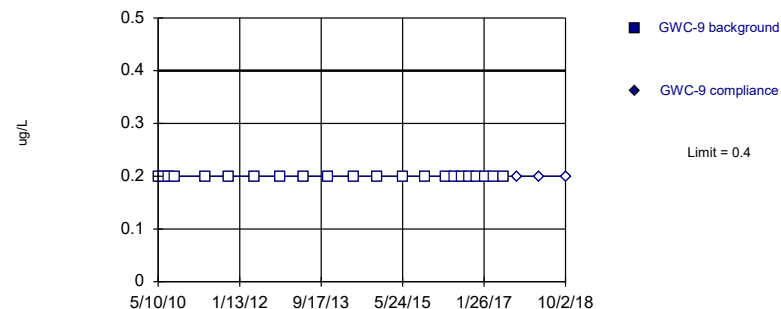


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

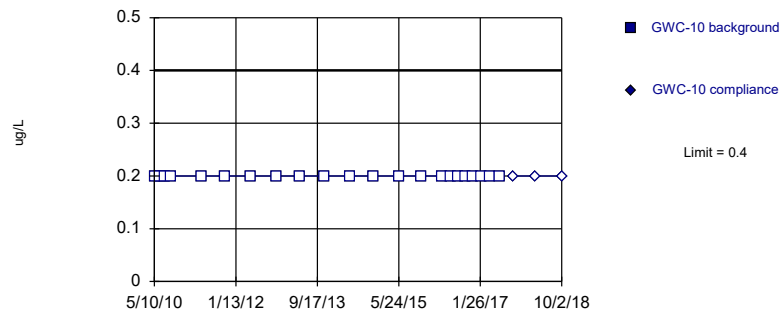


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

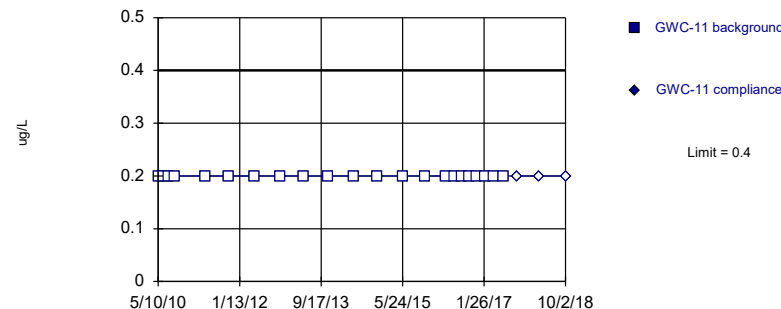


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

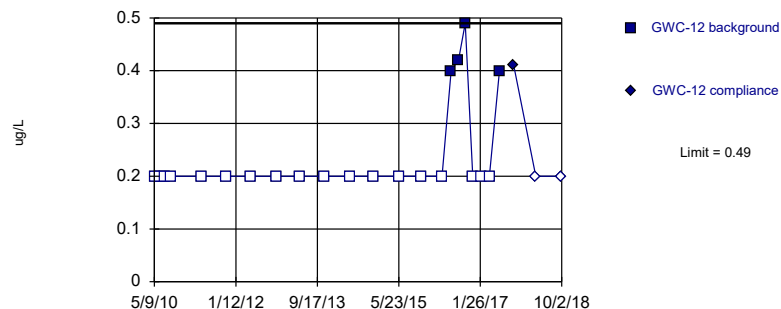


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

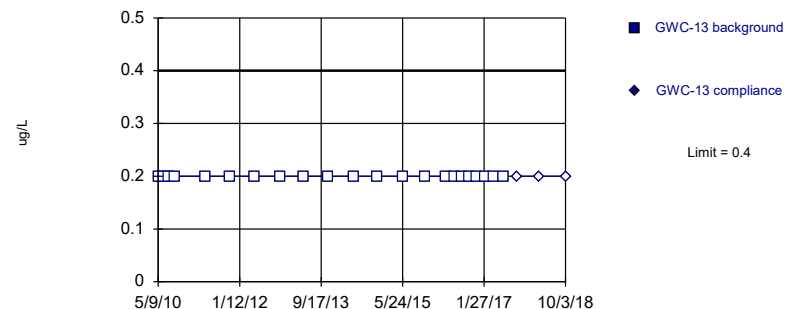


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

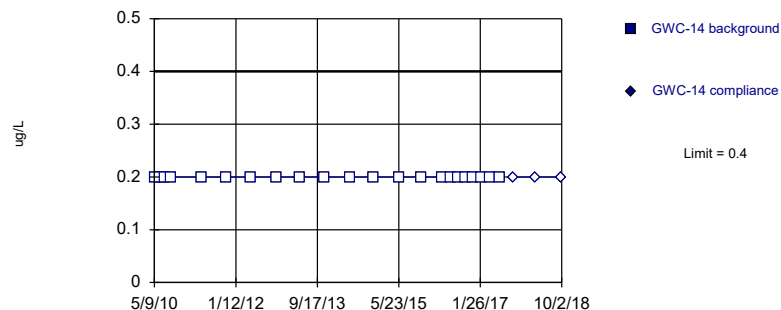


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

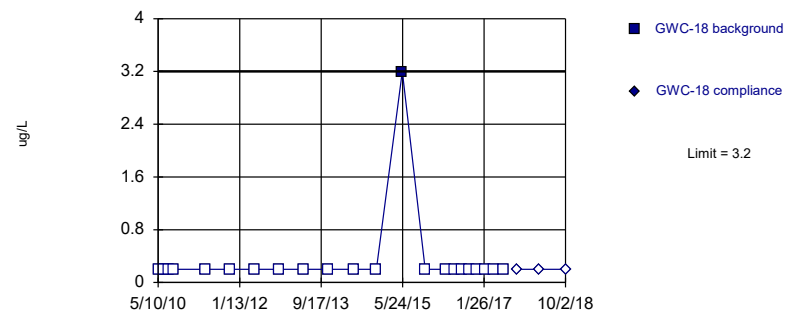


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

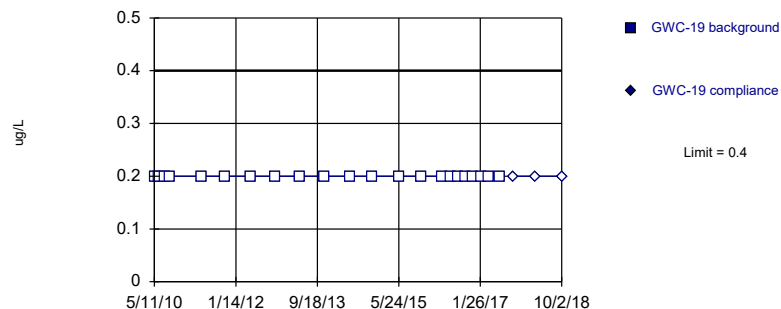


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

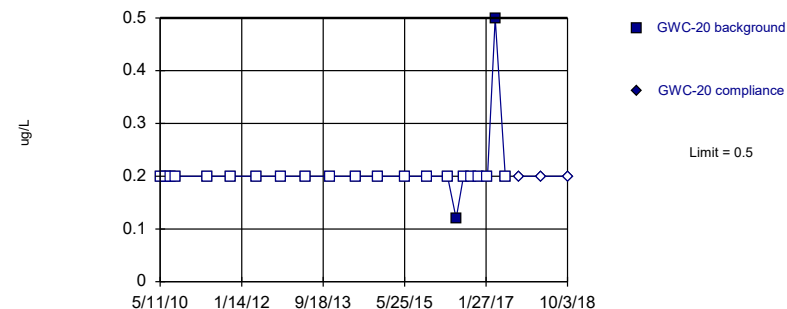


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

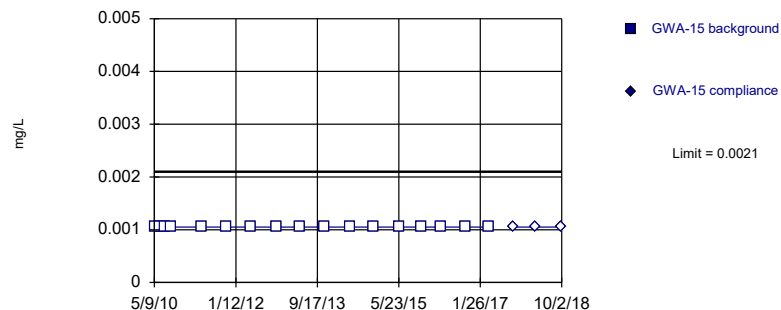


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

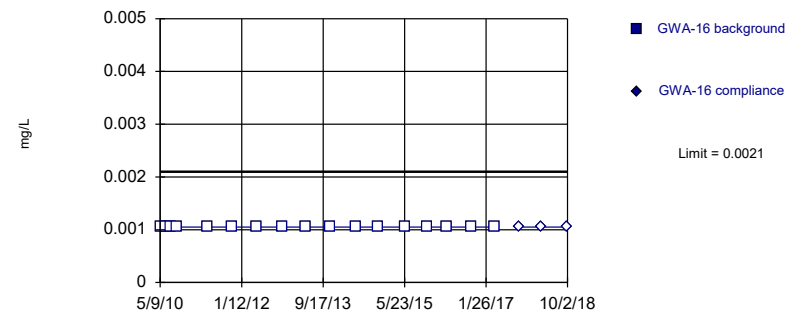


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

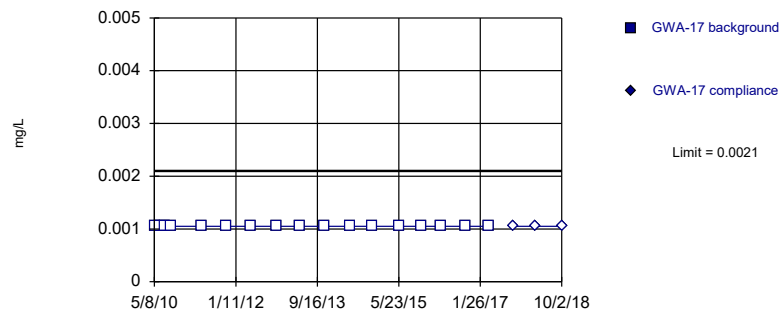


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

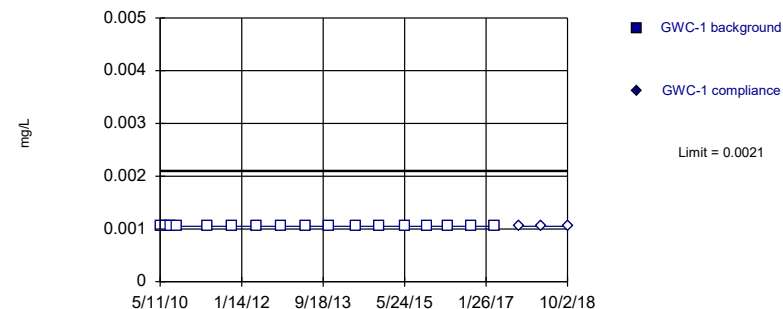


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

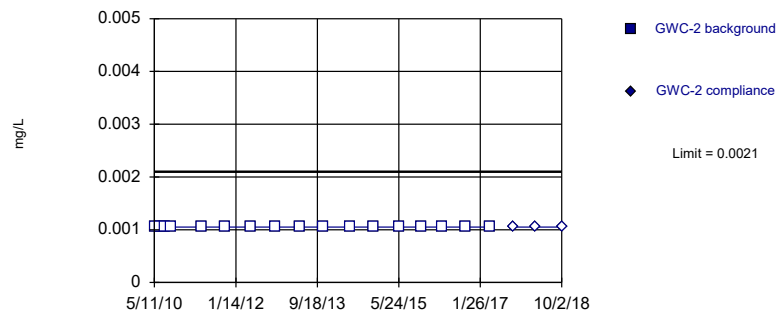


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

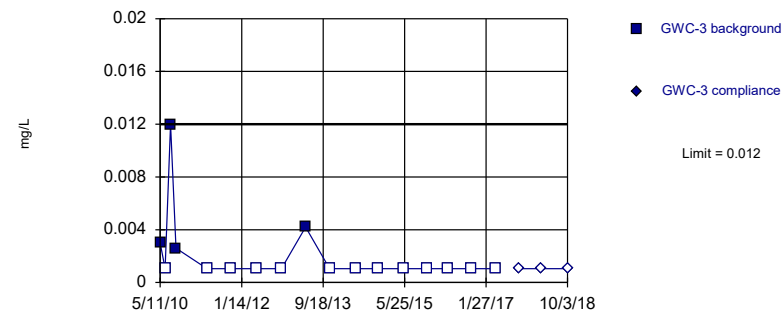


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

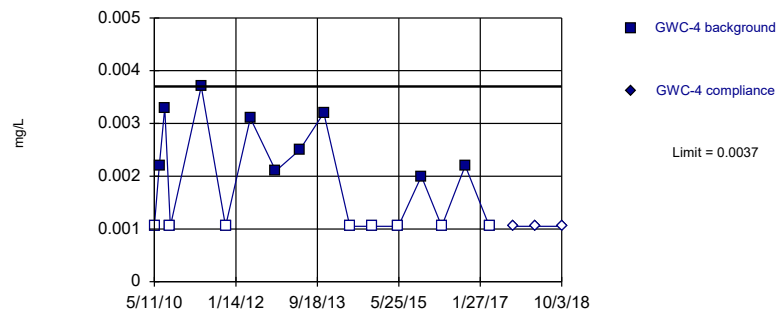


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

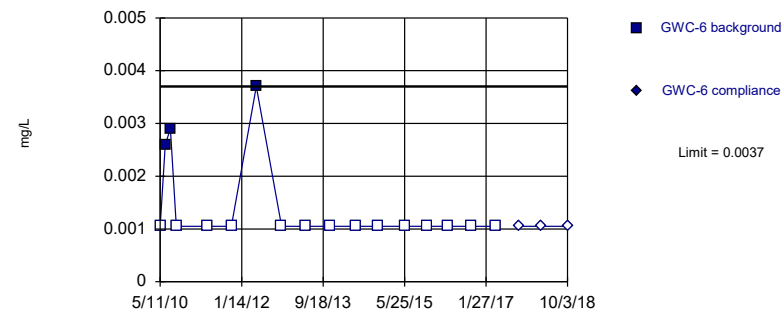


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 47.06% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

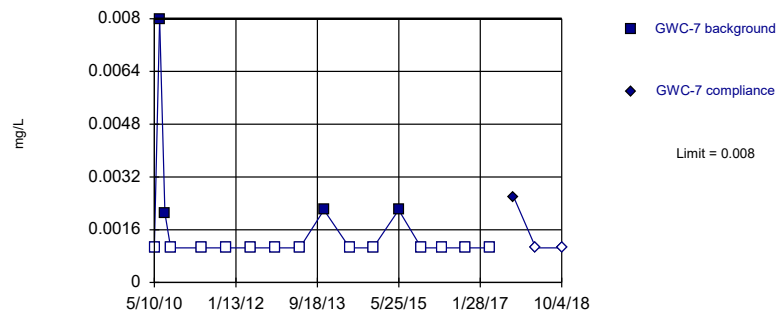


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

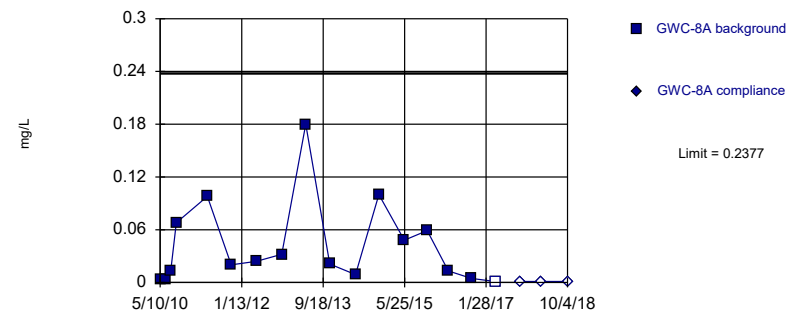


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

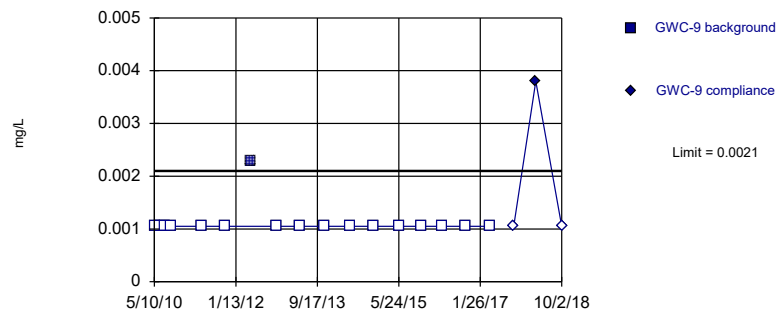


Background Data Summary (based on square root transformation): Mean=0.1731, Std. Dev.=0.1086, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9331, critical = 0.851. Kappa overridden to 2.894.

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

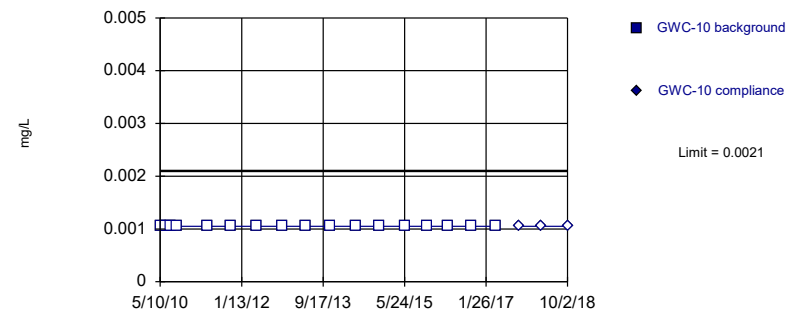


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

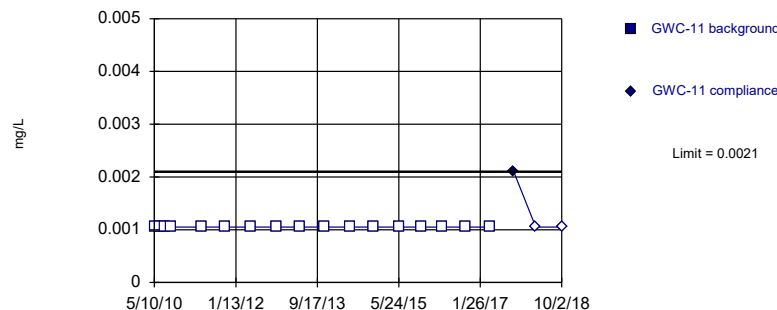


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

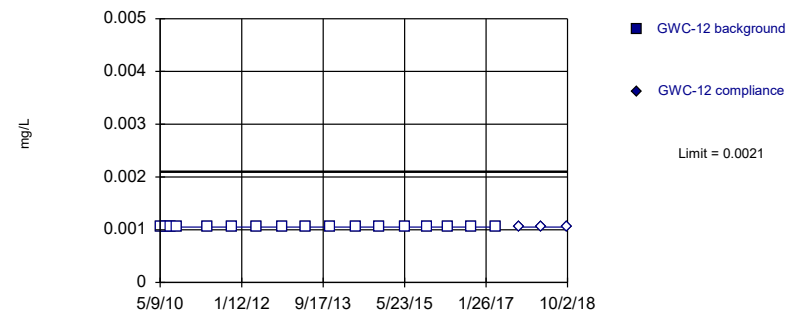


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

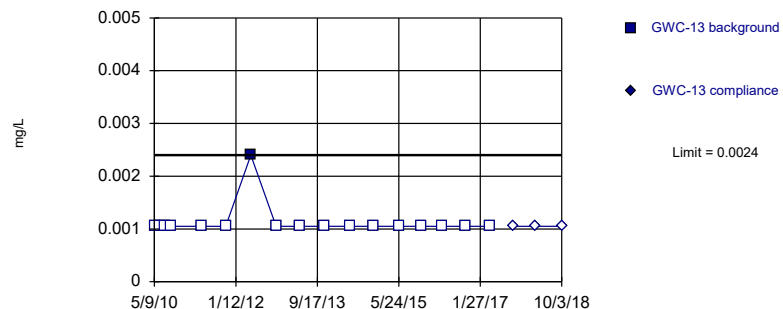


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

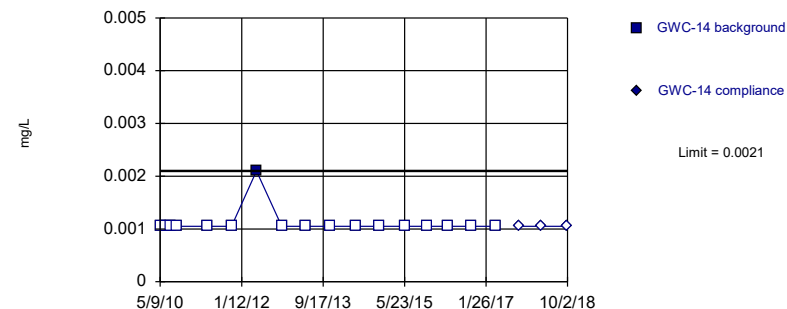


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

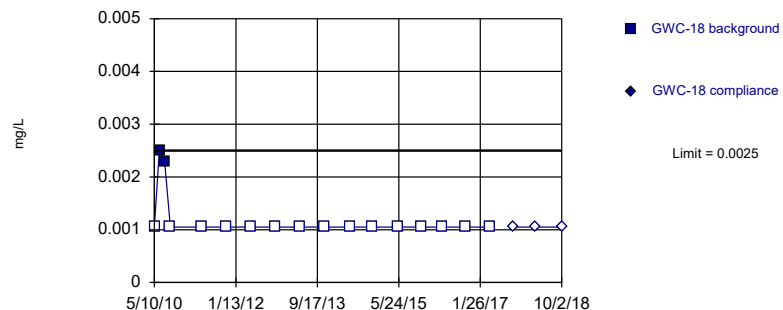


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

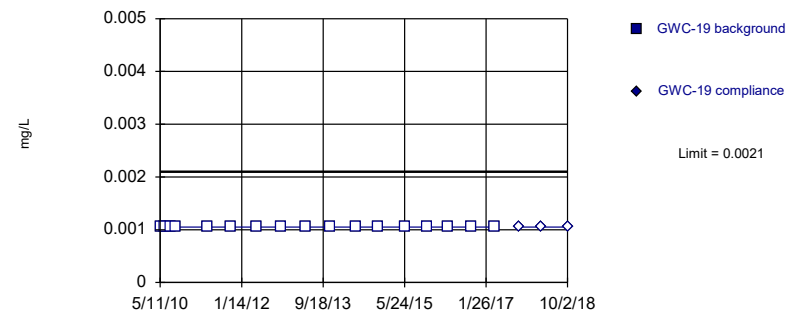


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

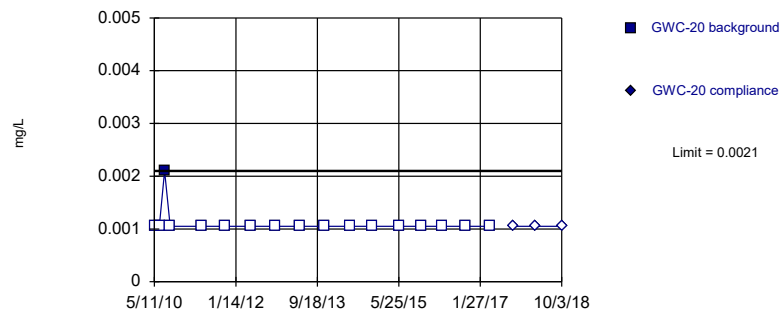


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

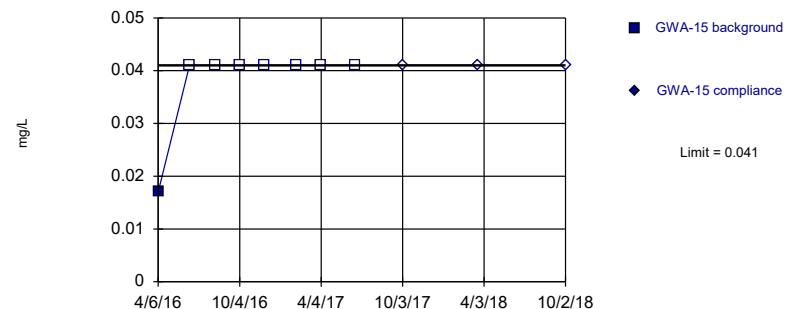


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

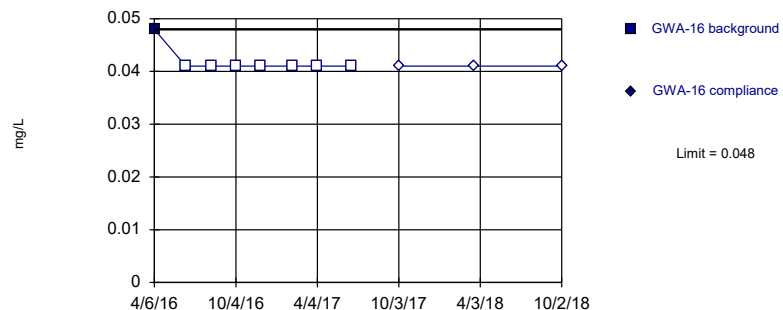


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

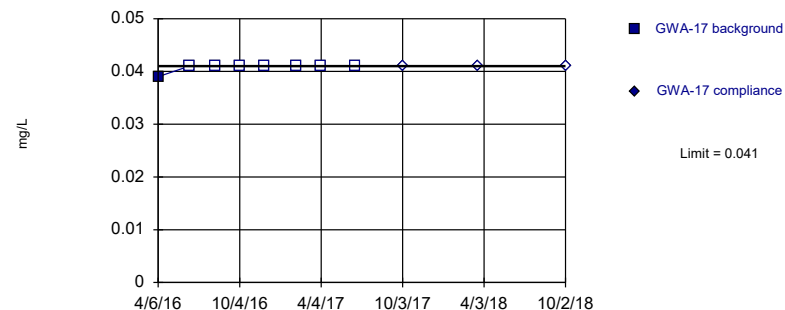


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



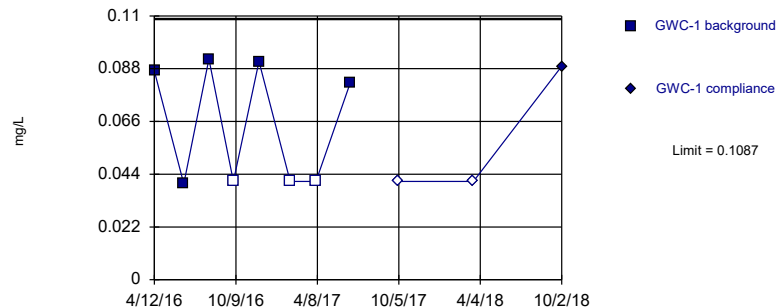
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



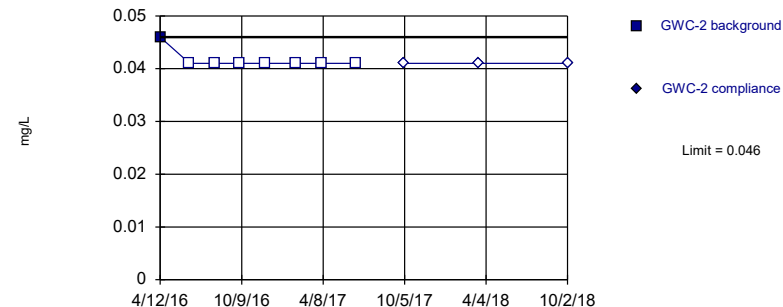
Background Data Summary (based on cube transformation) (after Kaplan-Meier Adjustment): Mean=0.0004661, Std. Dev.=0.0002828, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7628, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



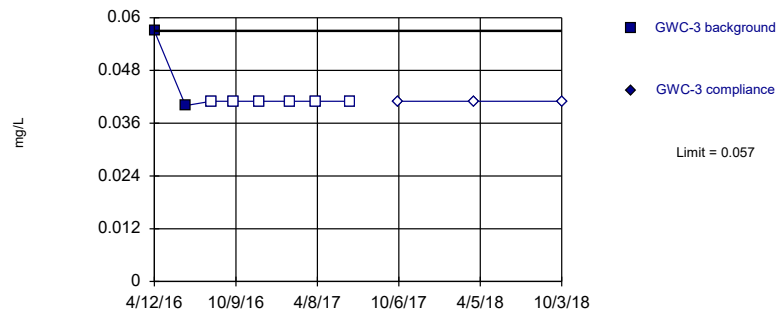
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



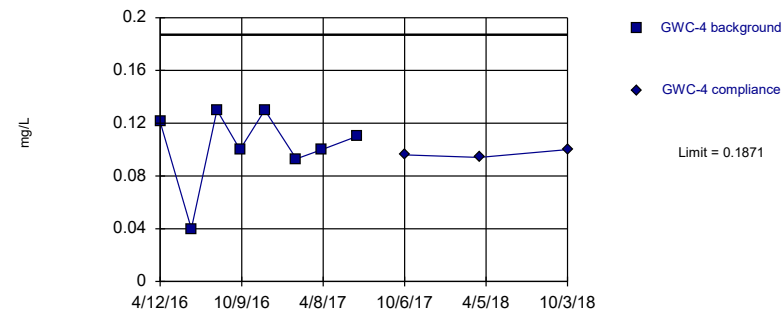
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric

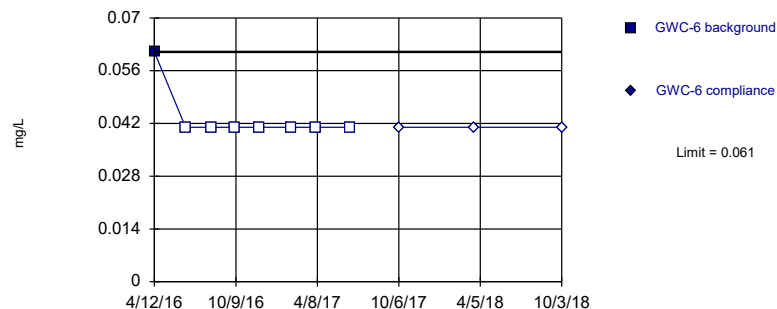


Background Data Summary: Mean=0.103, Std. Dev.=0.02908, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8374, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

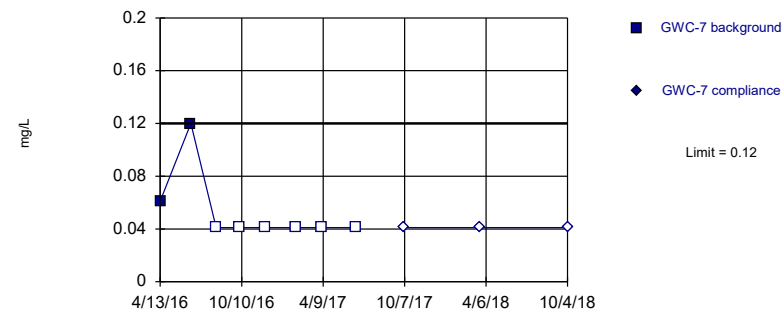


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

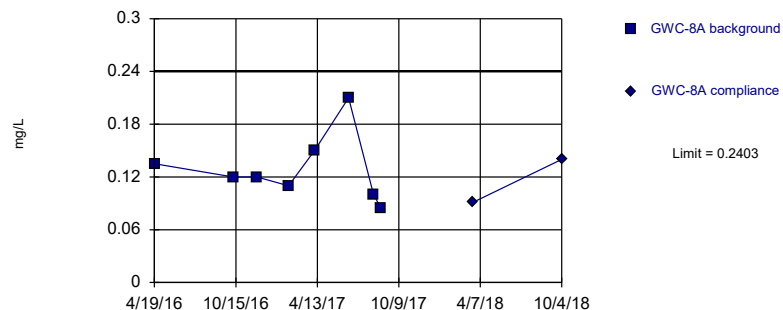


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

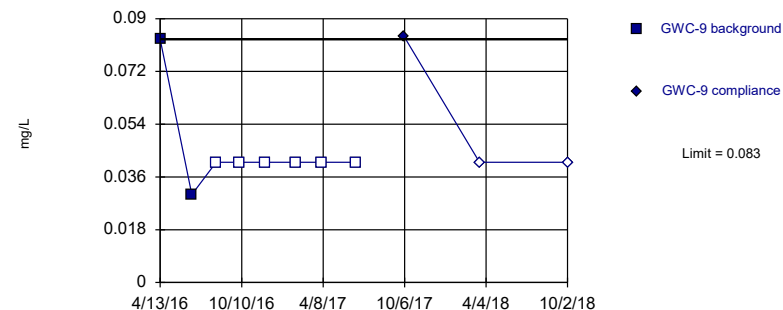


Background Data Summary: Mean=0.1286, Std. Dev.=0.03859, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8919, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

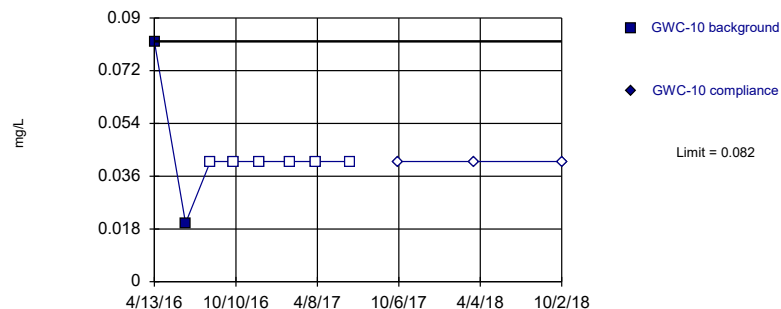


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

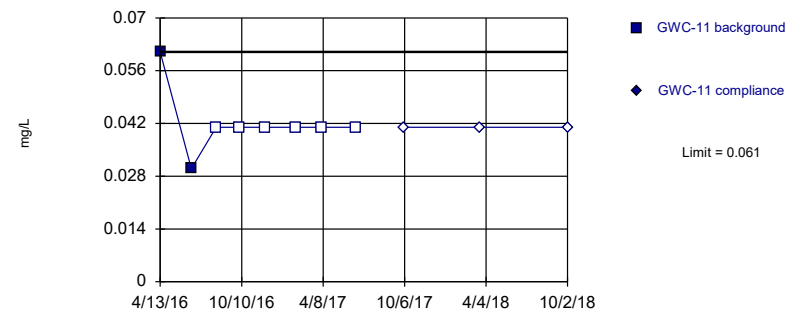


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

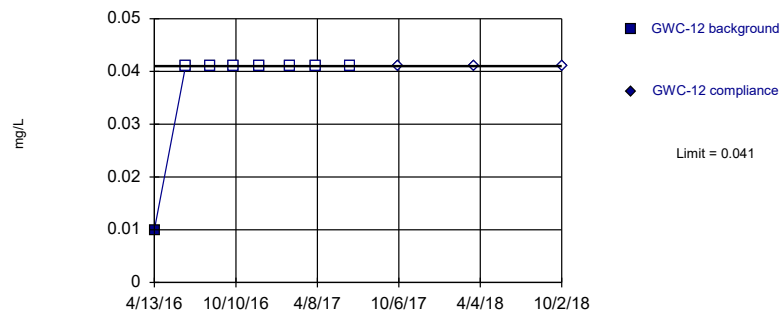


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

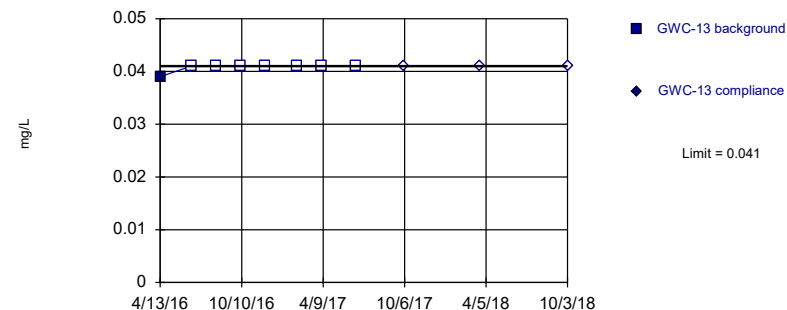


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

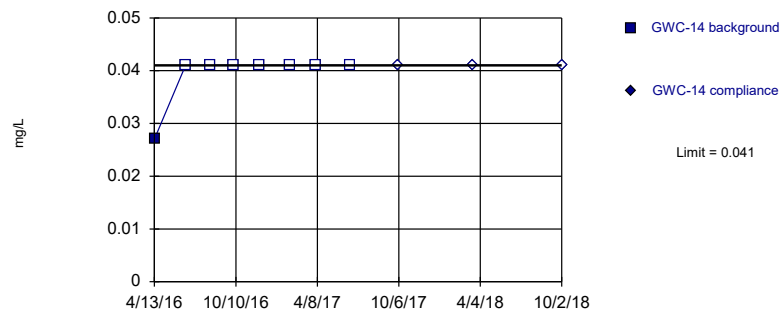


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

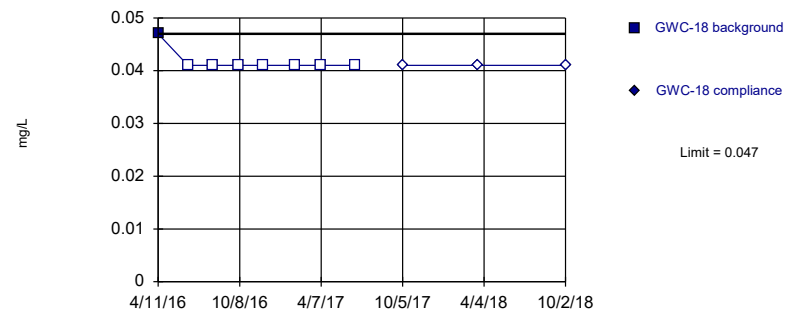


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

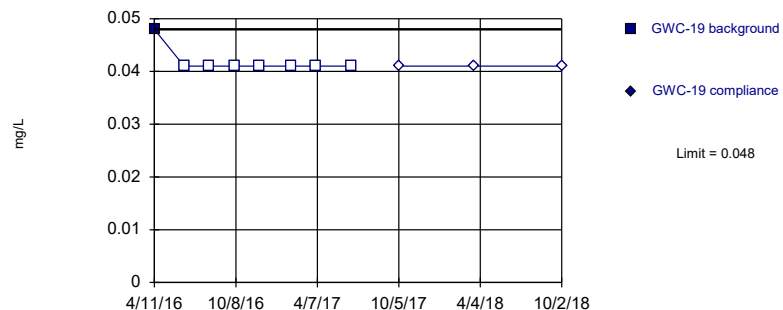


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

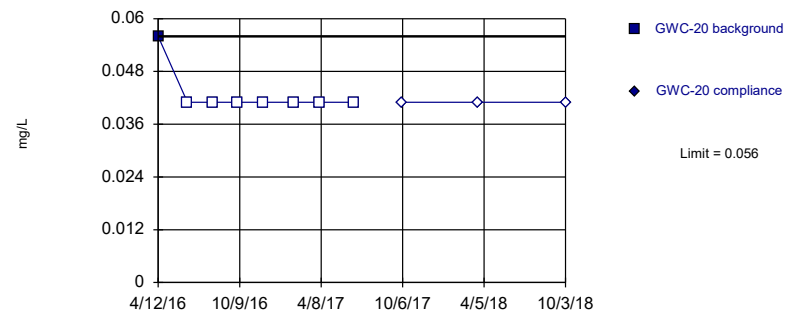


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

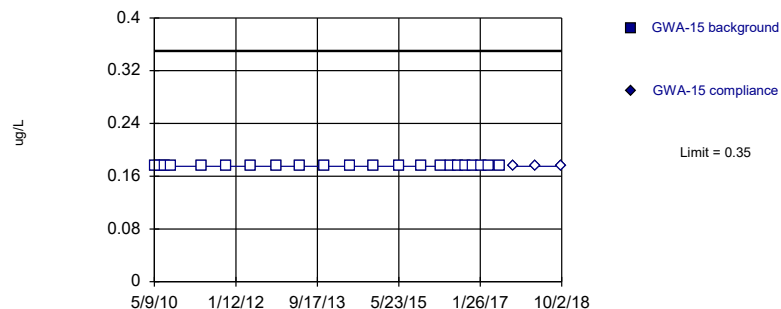


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

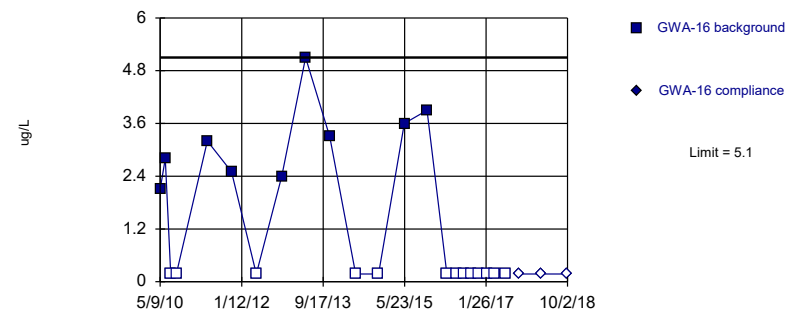


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

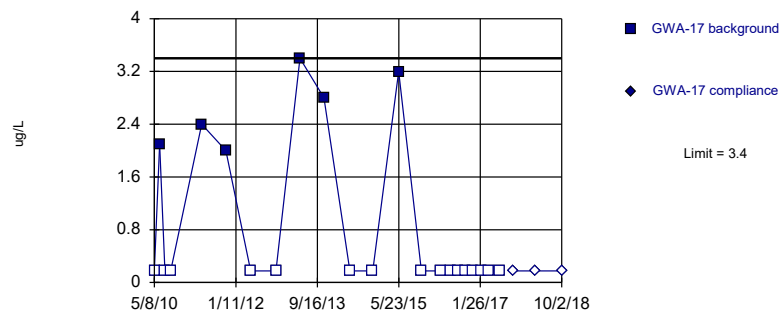


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

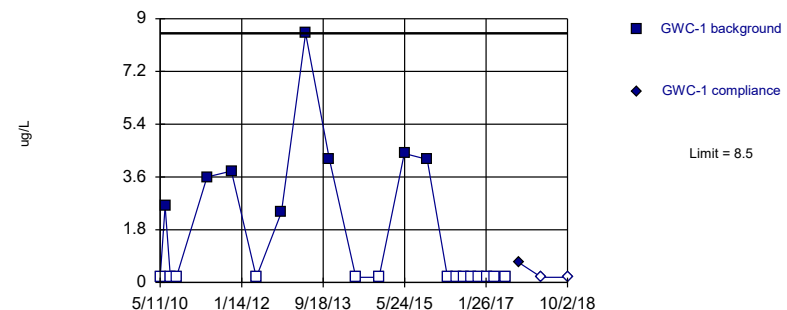


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

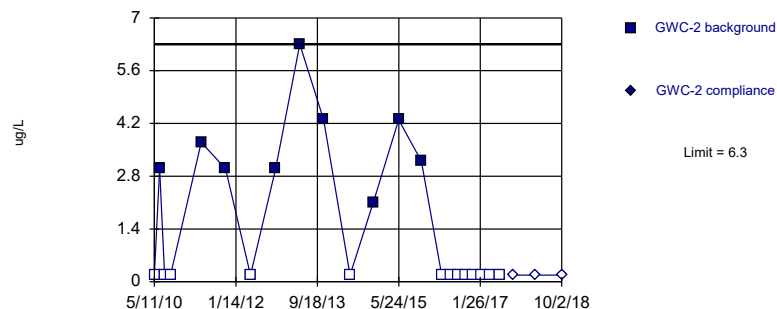


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

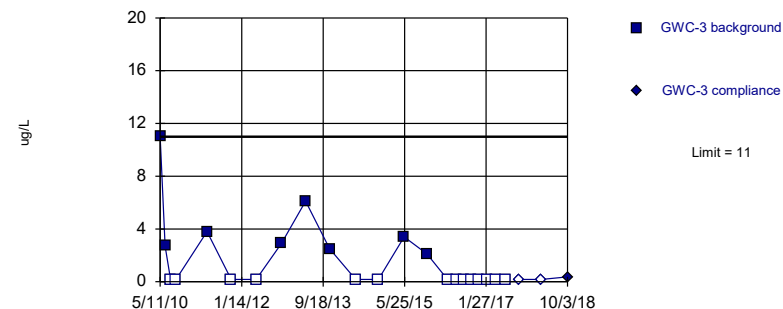


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

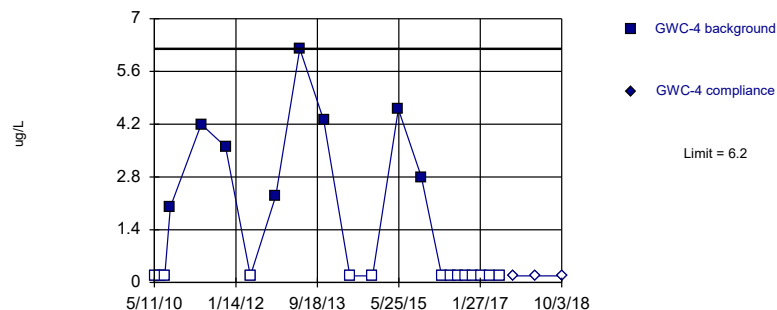


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

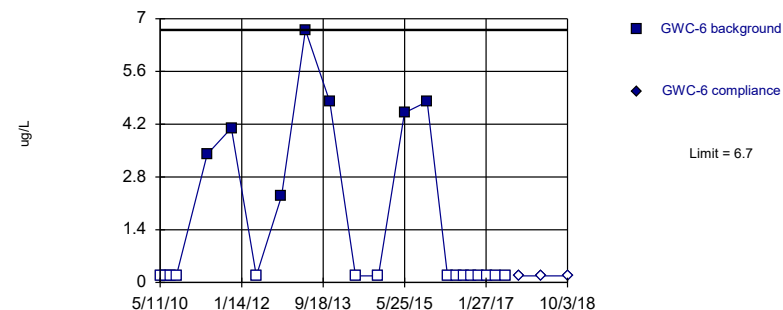


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

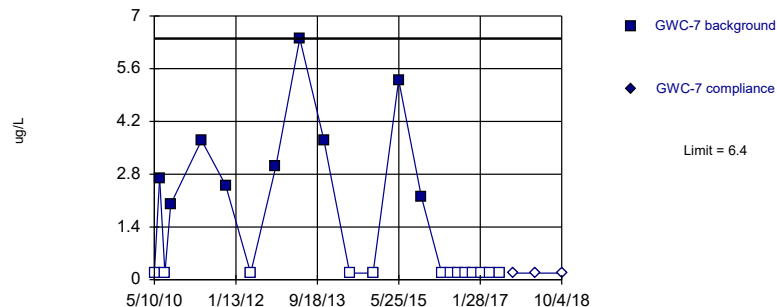


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

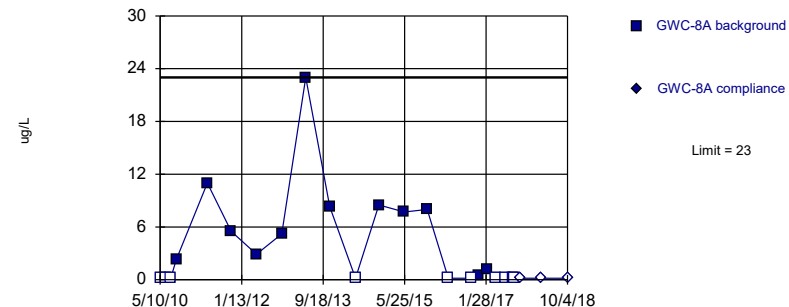


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

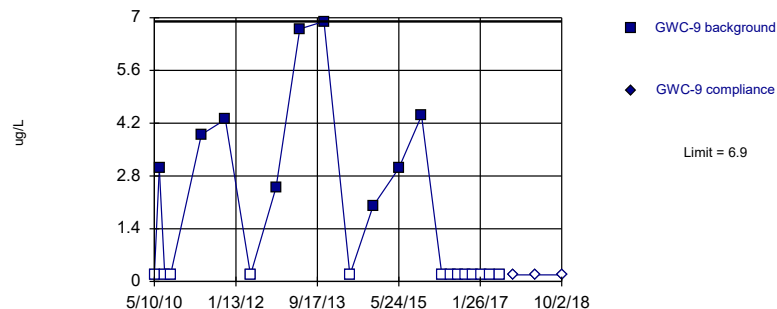


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 45.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

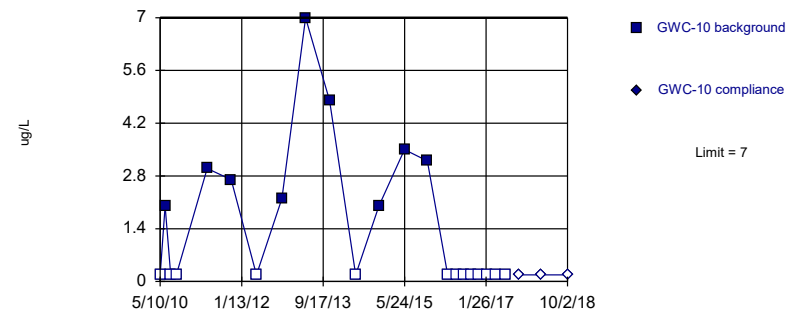


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

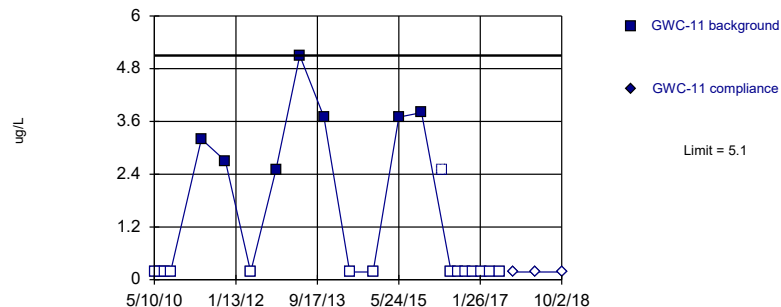


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

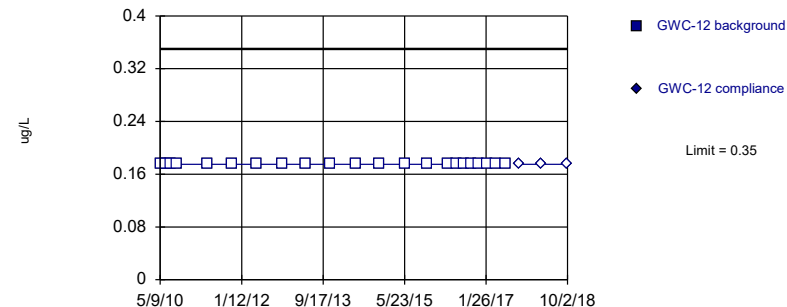


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

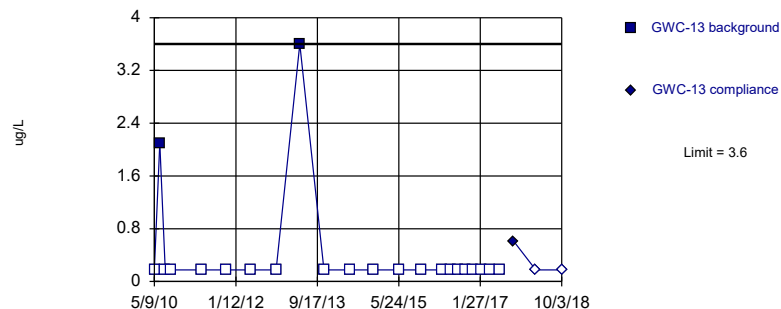


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

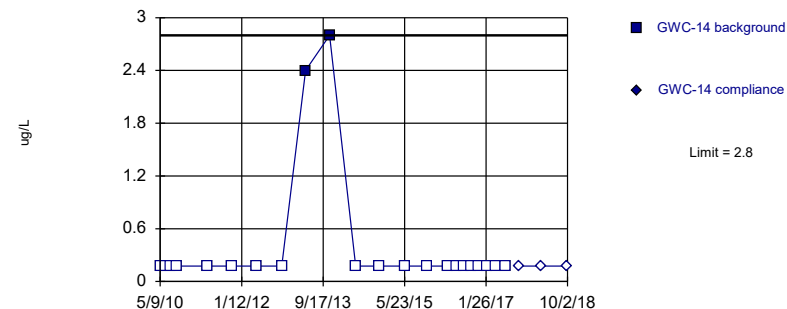


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

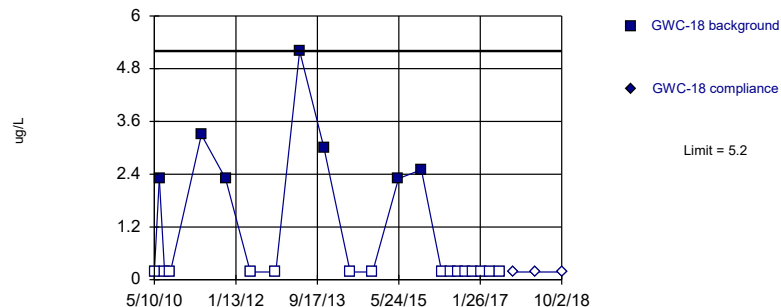


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

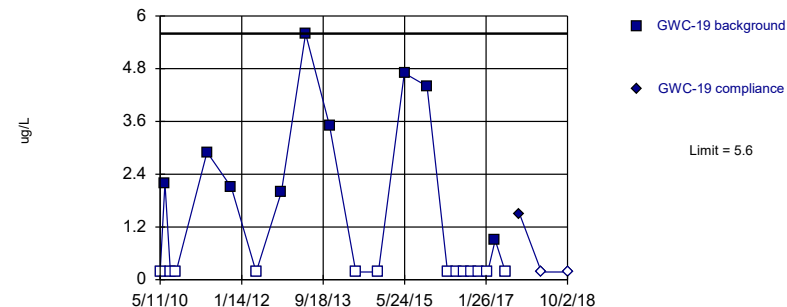


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

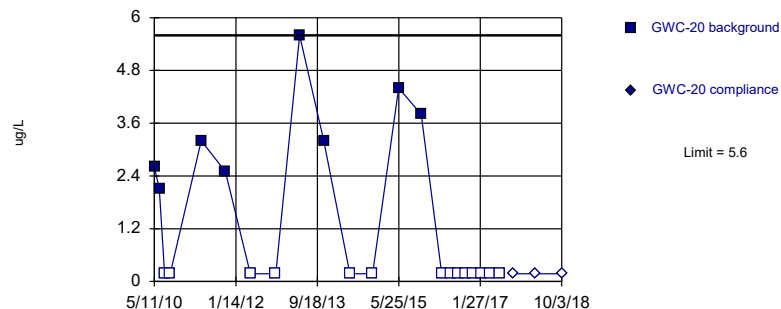


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

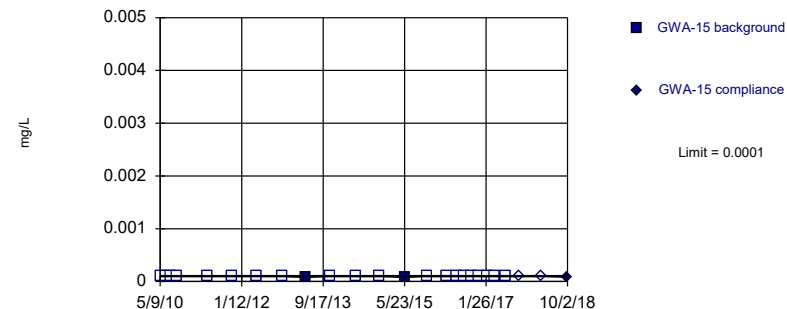


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

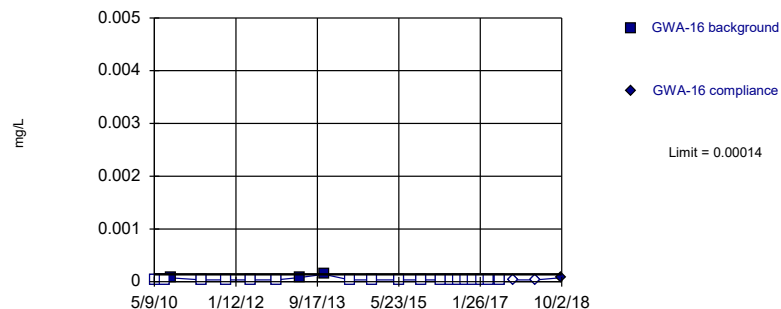


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

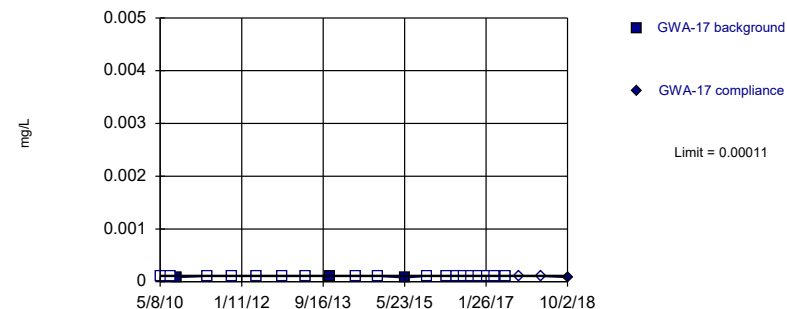


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

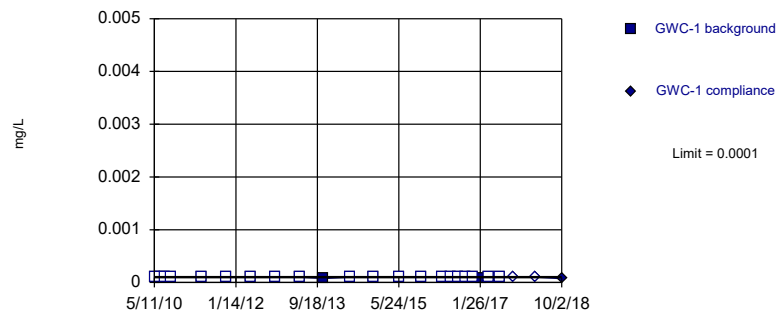


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

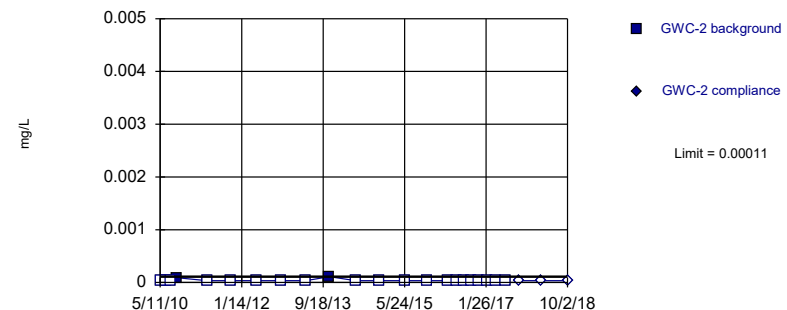


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

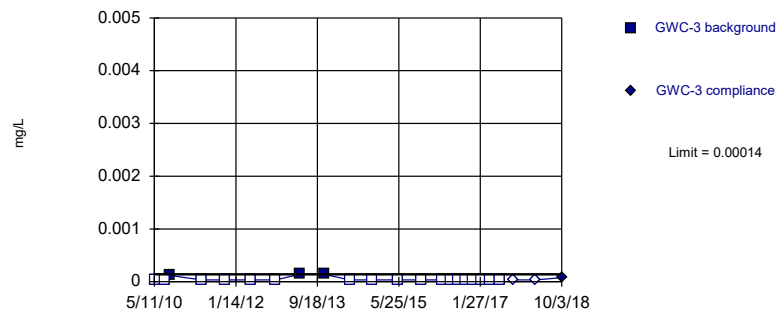


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

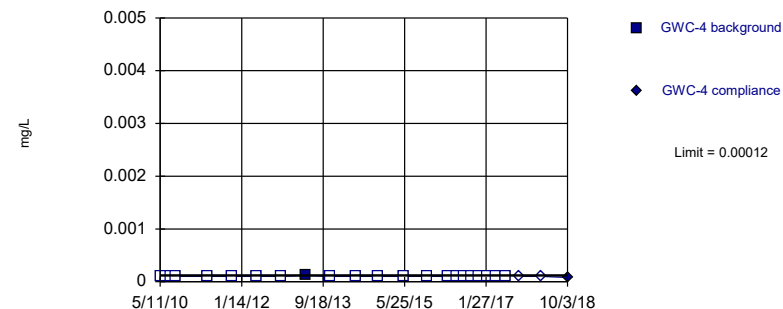


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

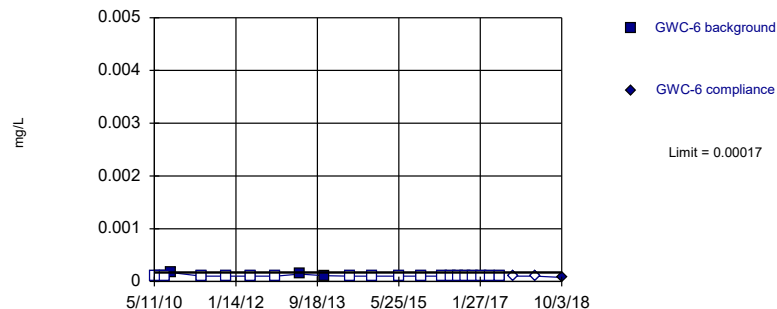


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

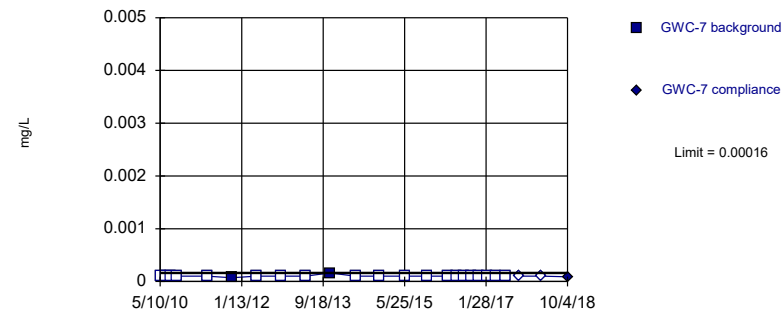


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

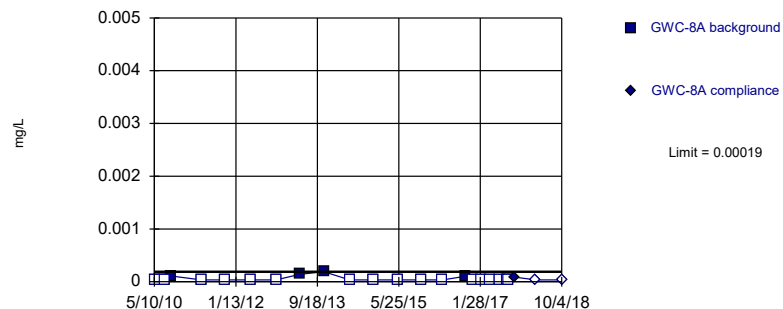


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

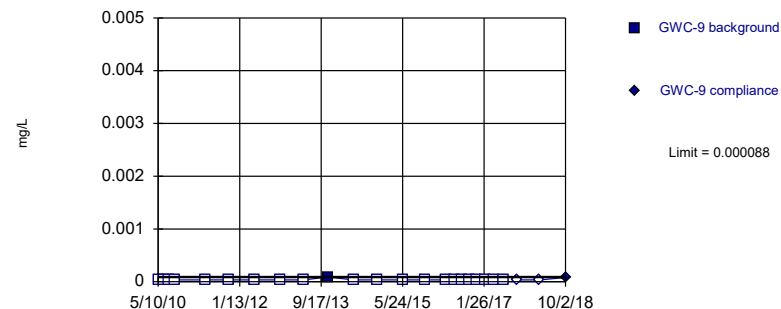


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

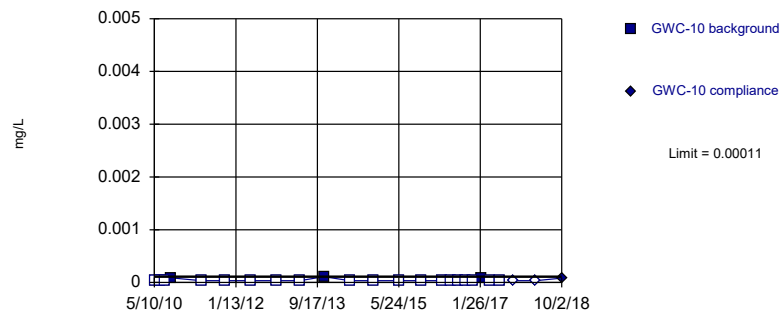


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

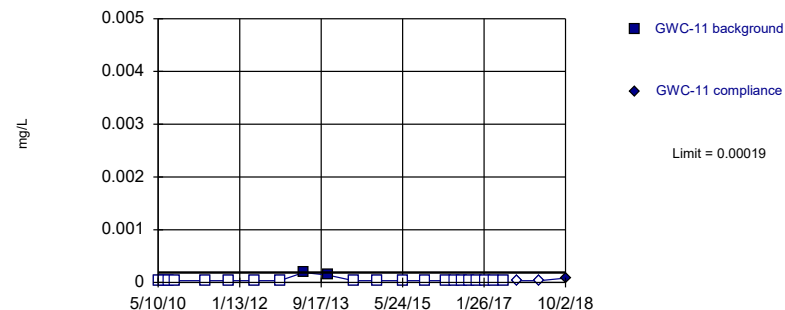


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

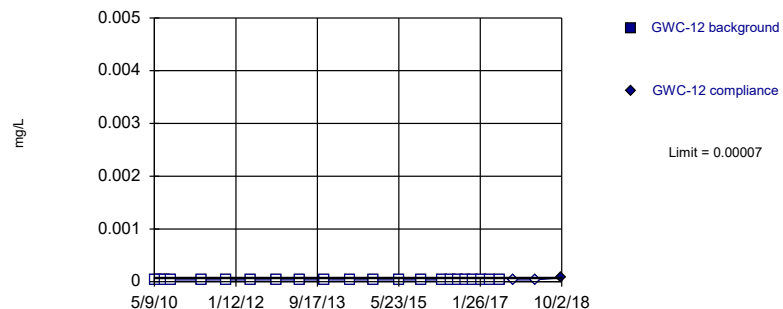


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

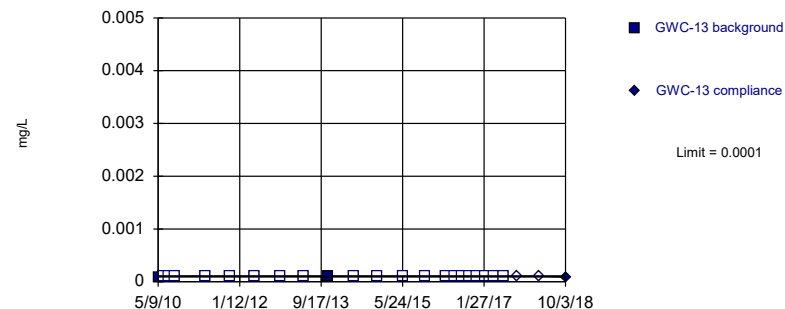


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

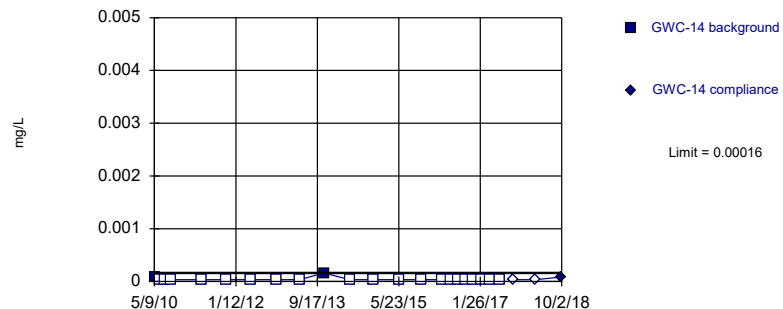


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

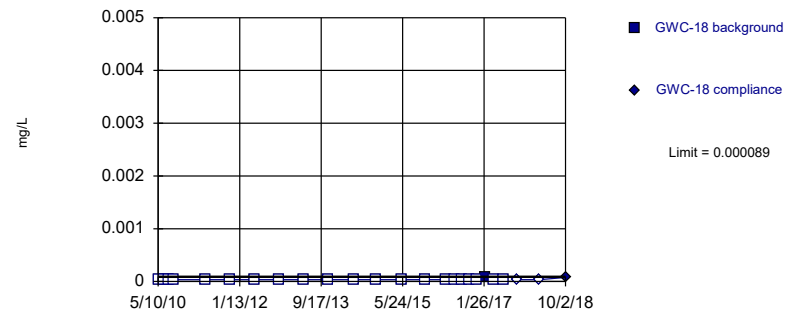


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

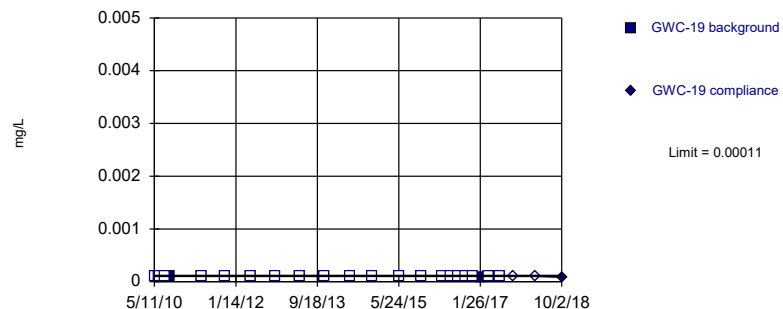


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

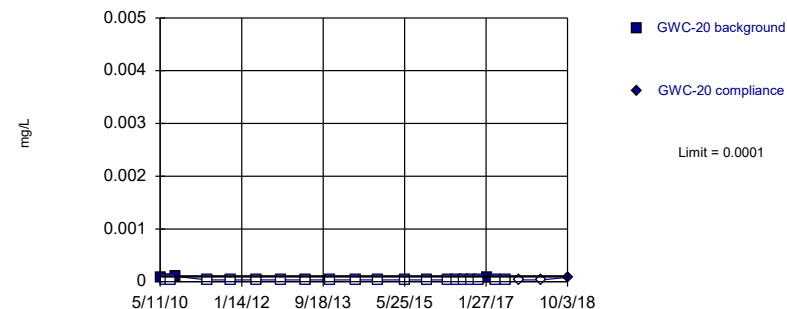


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

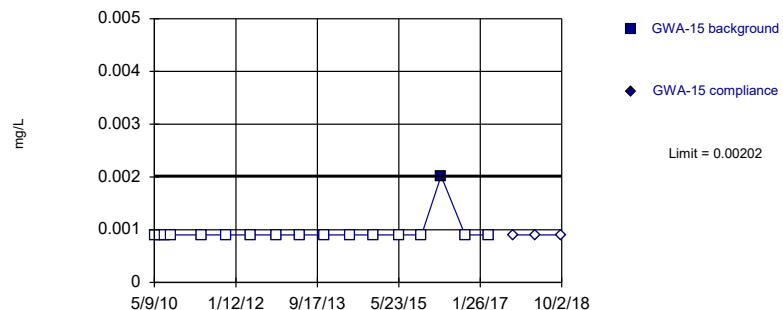


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

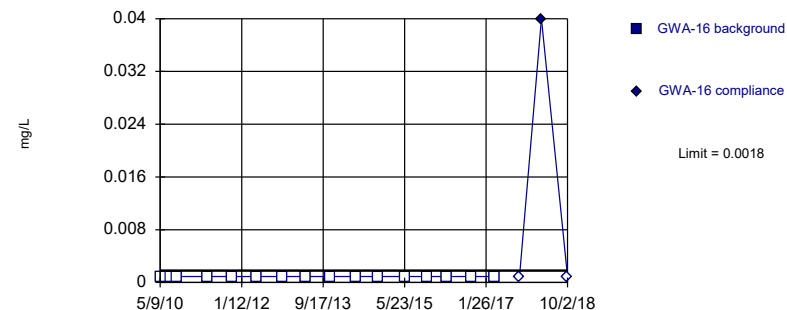


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

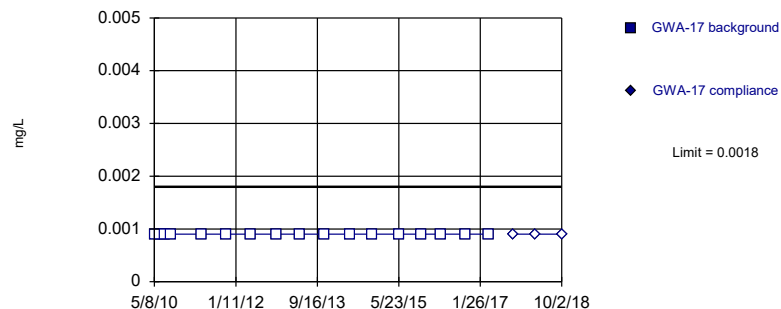


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

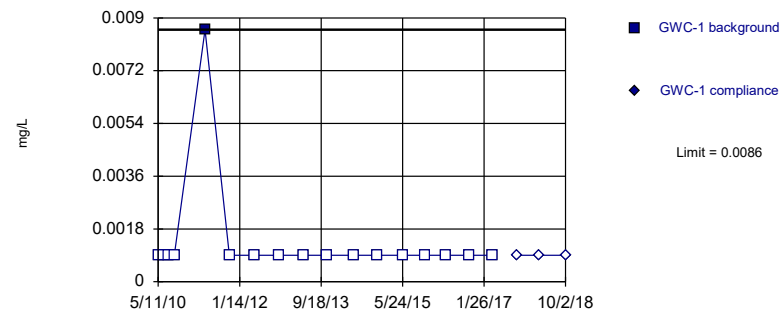


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

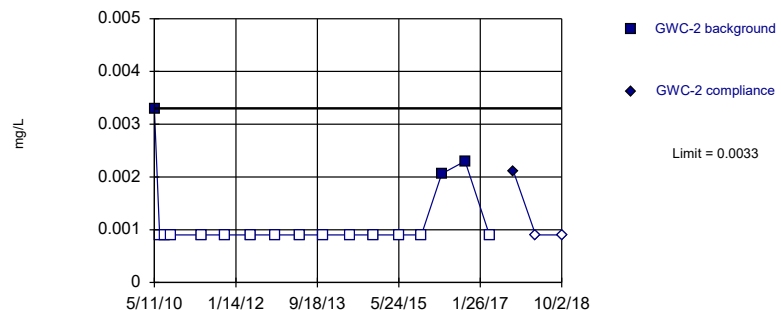


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

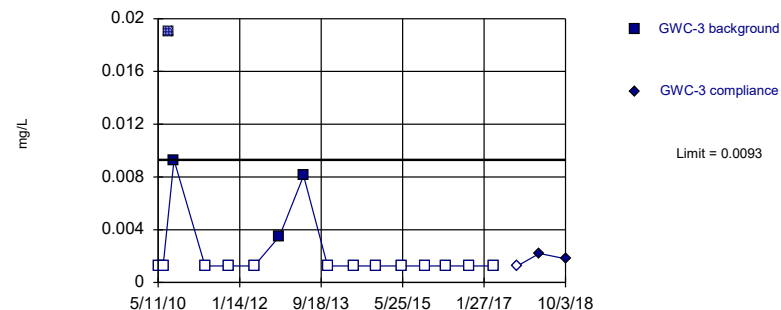


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

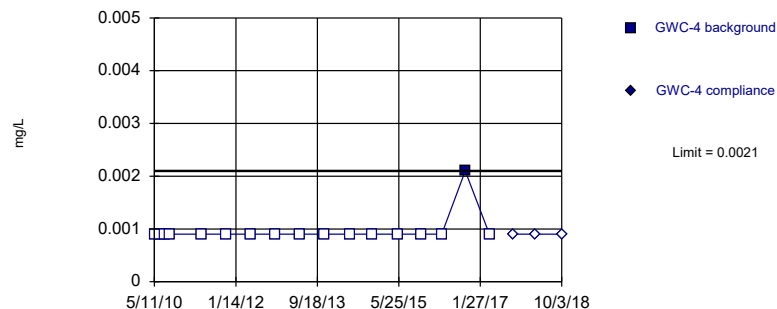


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

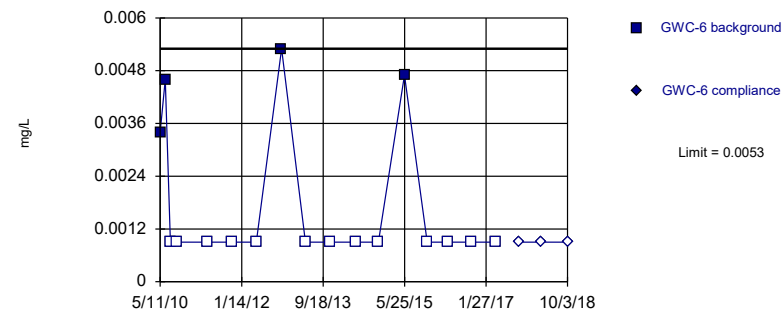


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

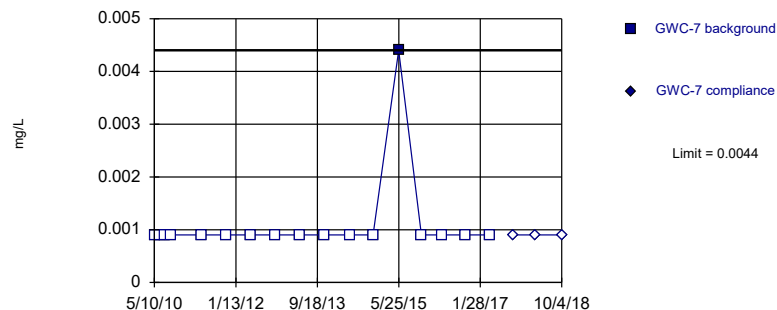


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

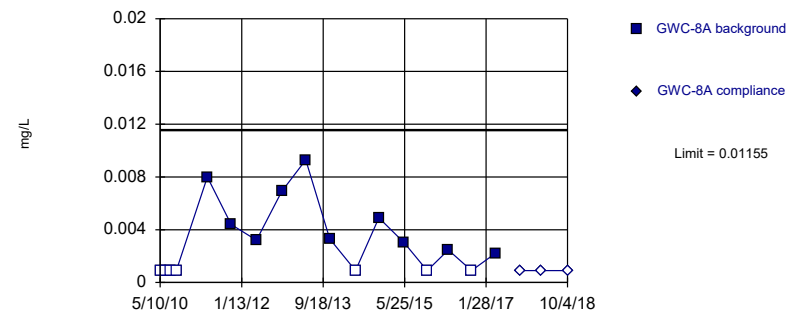


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

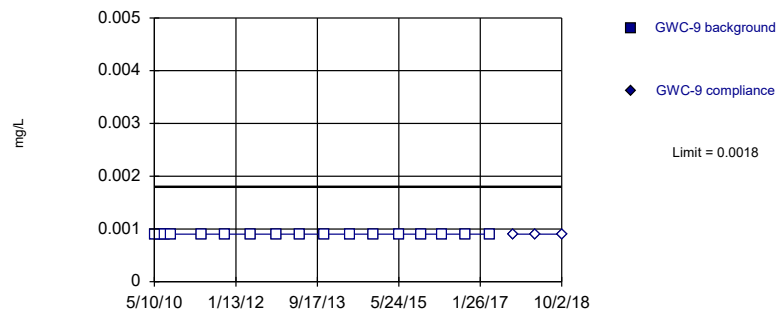


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05692, Std. Dev.=0.01747, n=17, 41.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.859, critical = 0.851. Kappa overridden to 2.894.

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

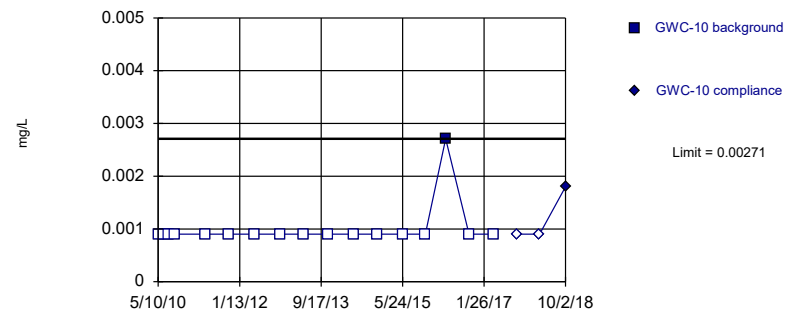


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

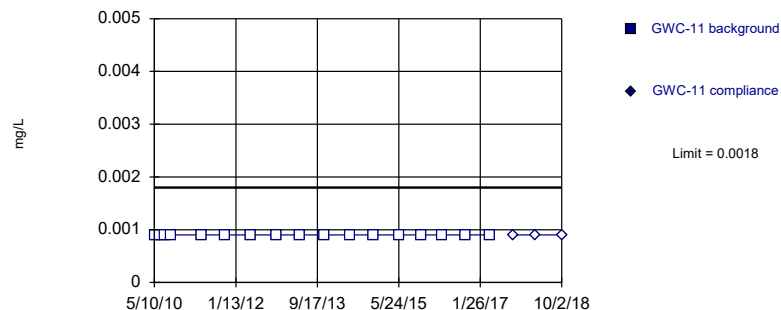


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

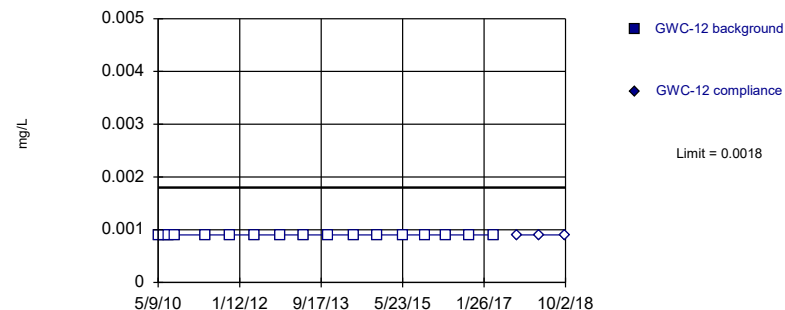


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

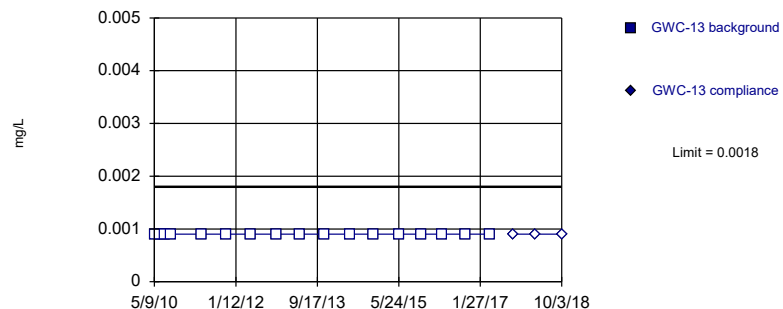


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

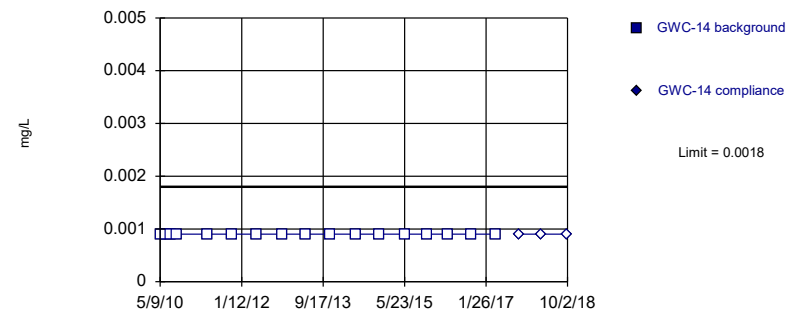


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

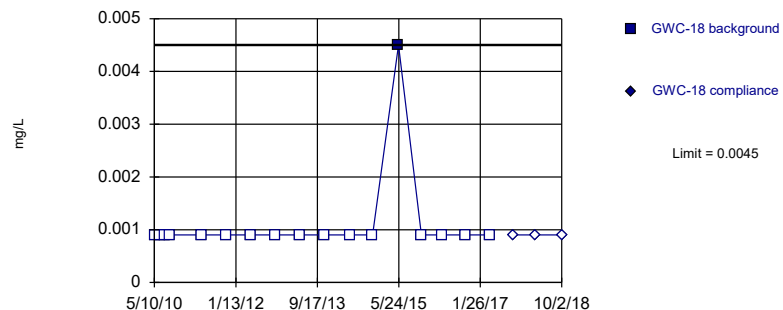


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

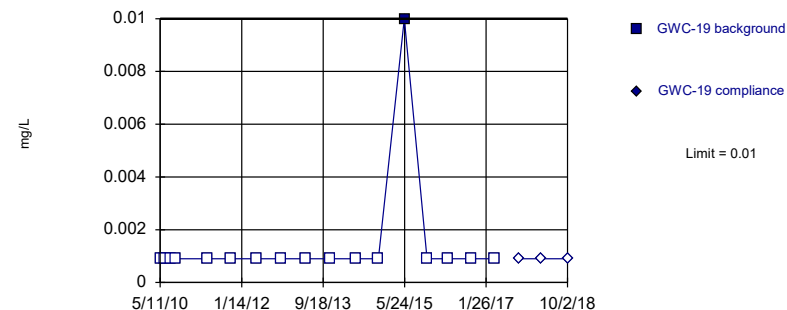


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

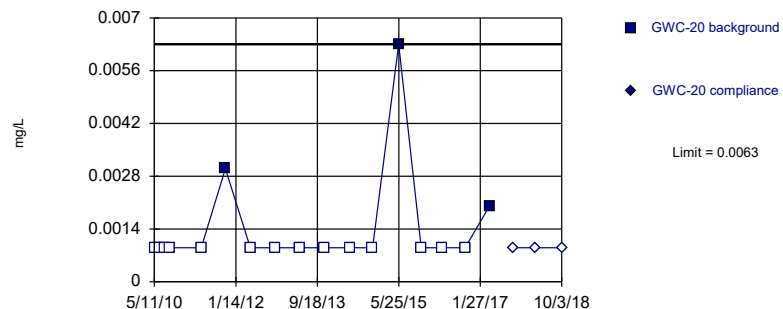


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

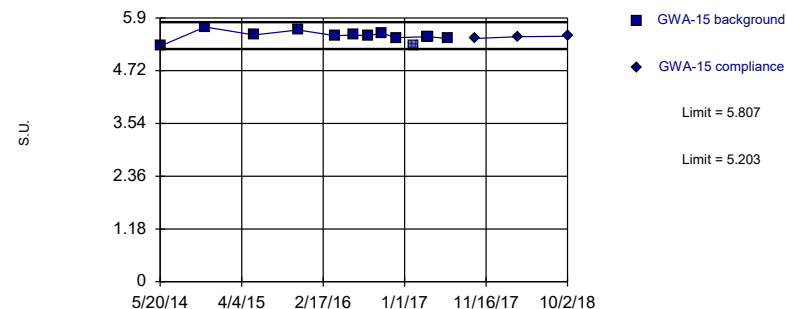


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric

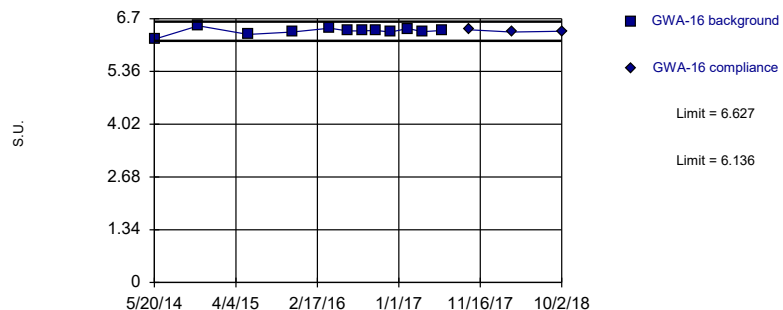


Background Data Summary: Mean=5.505, Std. Dev.=0.1044, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric

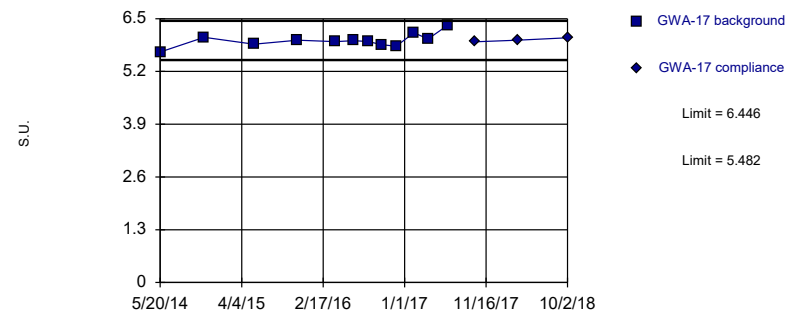


Background Data Summary: Mean=6.382, Std. Dev.=0.08483, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric



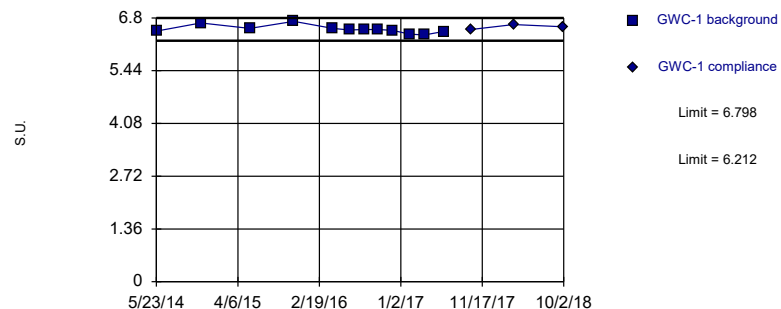
Background Data Summary: Mean=5.964, Std. Dev.=0.1666, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



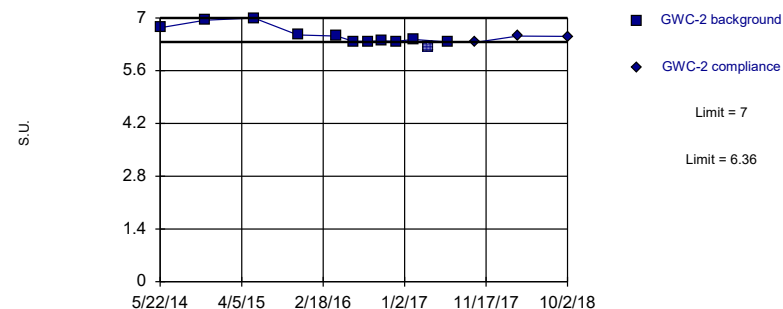
Background Data Summary: Mean=6.505, Std. Dev.=0.1014, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



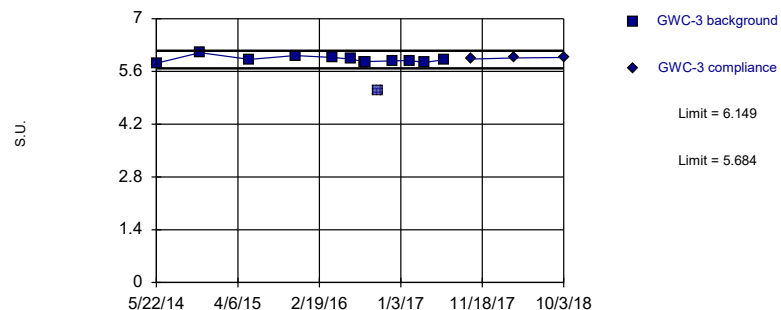
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



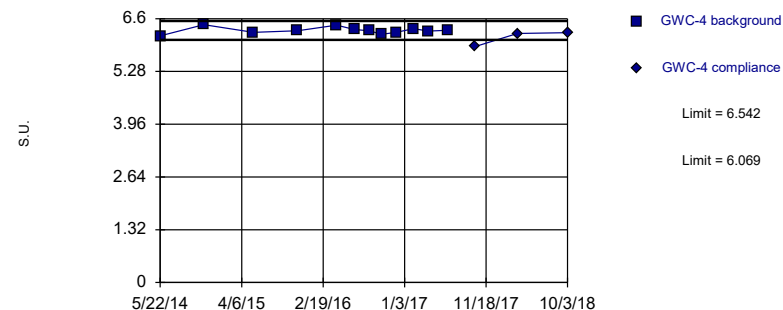
Background Data Summary: Mean=5.917, Std. Dev.=0.08038, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9104, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



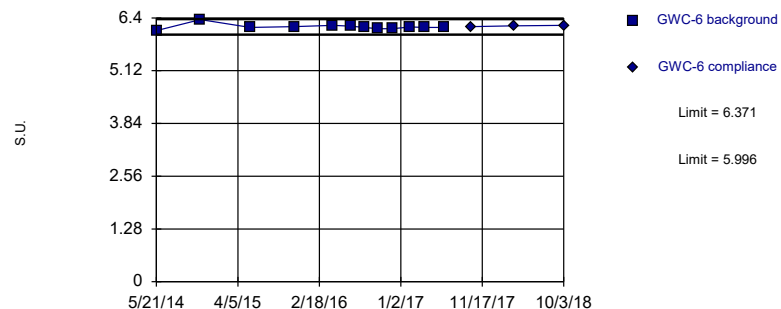
Background Data Summary: Mean=6.306, Std. Dev.=0.08174, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9472, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



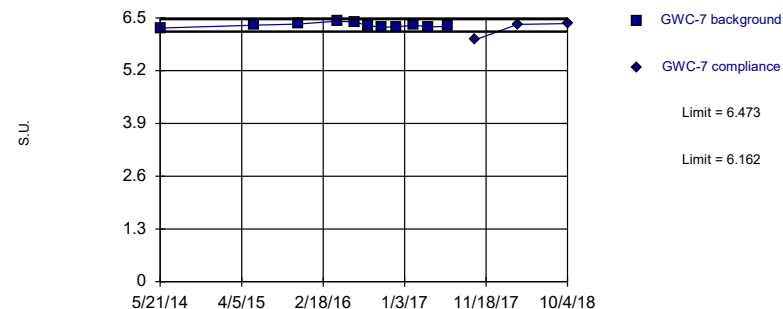
Background Data Summary: Mean=6.183, Std. Dev.=0.06471, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8052, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



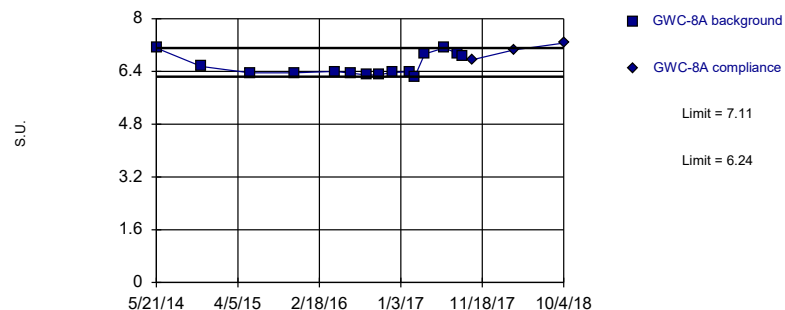
Background Data Summary: Mean=6.317, Std. Dev.=0.05368, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9099, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limits

Prediction Limit

Intrawell Non-parametric



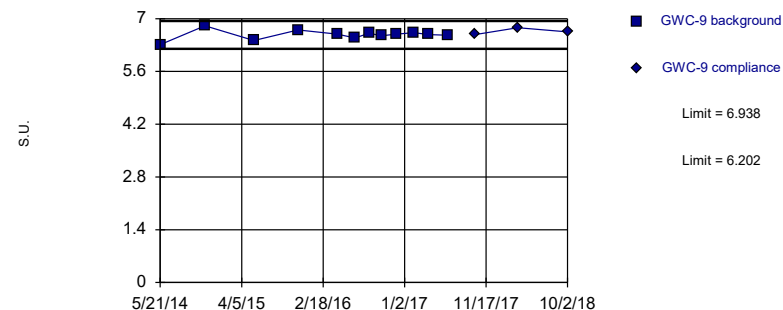
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



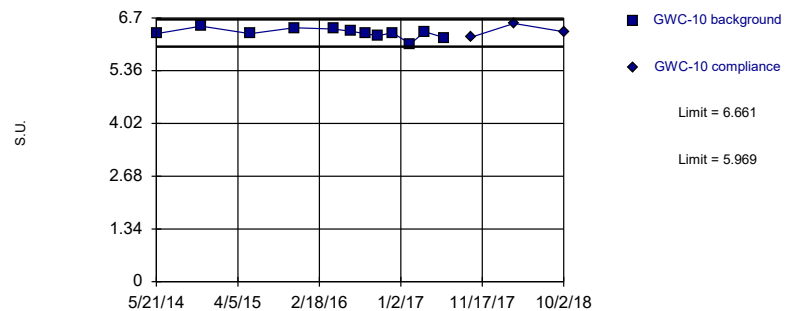
Background Data Summary: Mean=6.57, Std. Dev.=0.1271, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9571, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



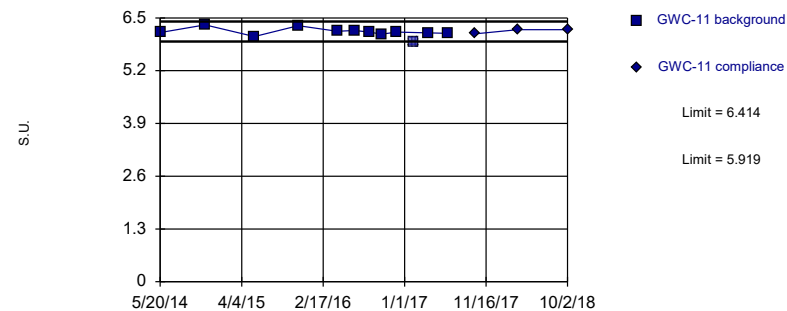
Background Data Summary: Mean=6.315, Std. Dev.=0.1194, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



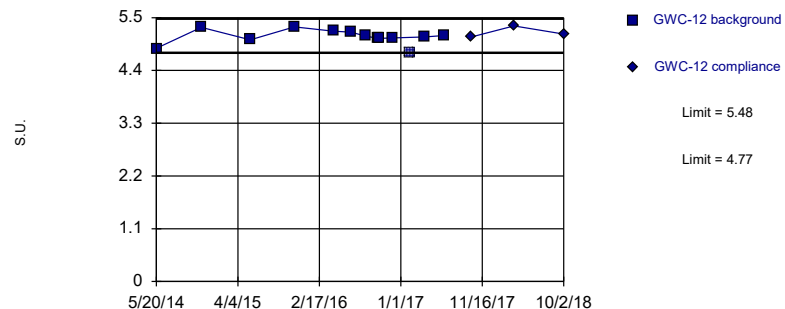
Background Data Summary: Mean=6.166, Std. Dev.=0.08547, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.885, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



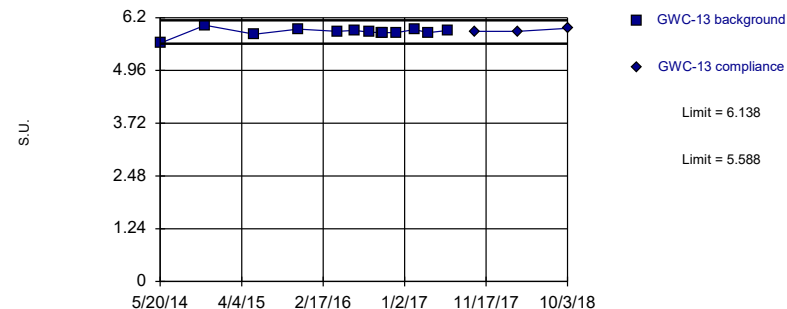
Background Data Summary: Mean=5.125, Std. Dev.=0.1227, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9362, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



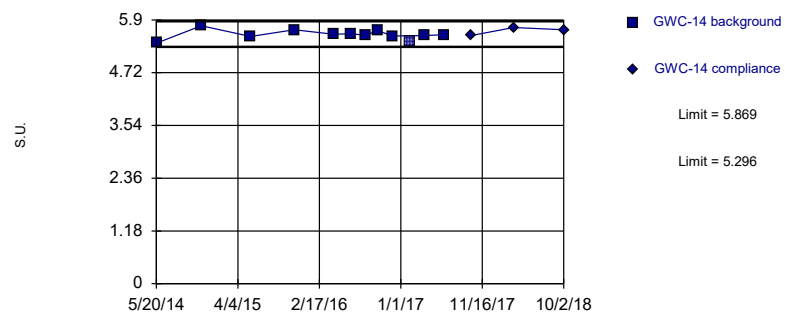
Background Data Summary: Mean=5.863, Std. Dev.=0.0949, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.819, critical = 0.814. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



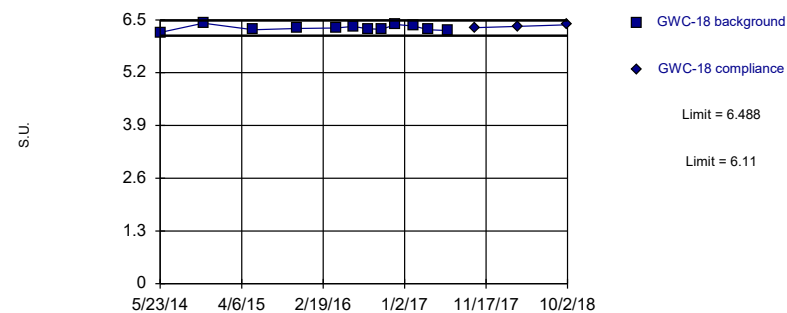
Background Data Summary: Mean=5.583, Std. Dev.=0.099, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric



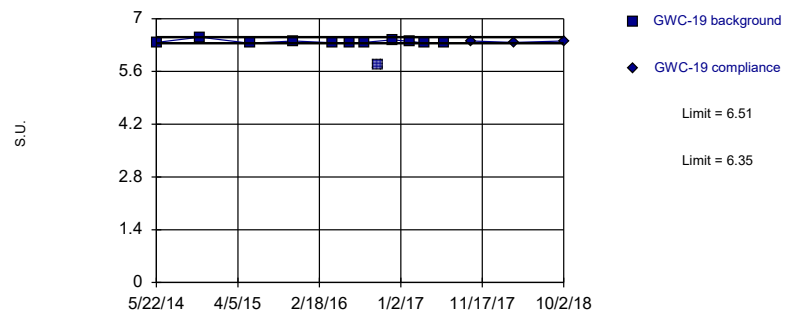
Background Data Summary: Mean=6.299, Std. Dev.=0.06529, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9646, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



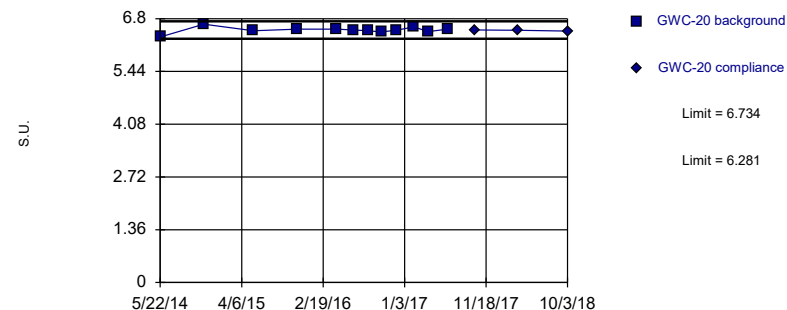
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit

Intrawell Parametric

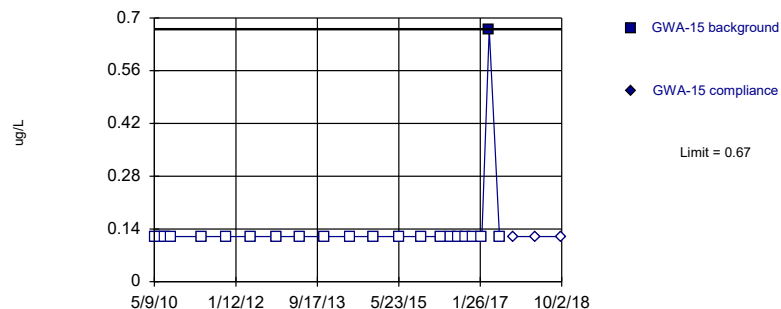


Background Data Summary: Mean=6.508, Std. Dev.=0.07829, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

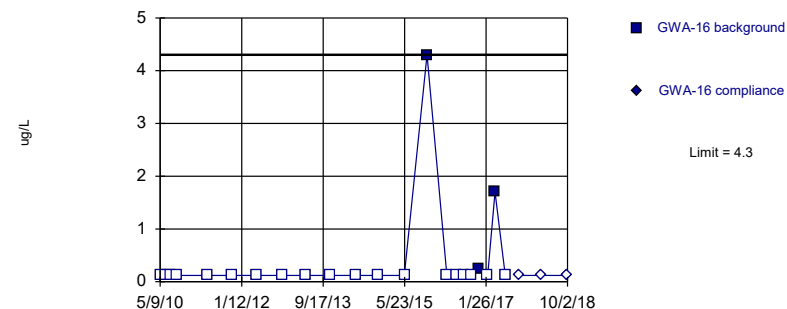


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

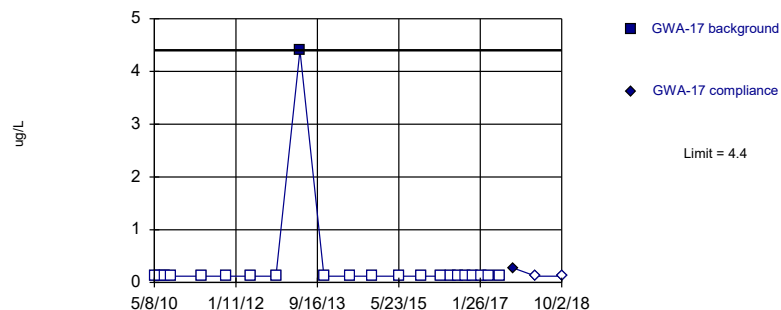


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

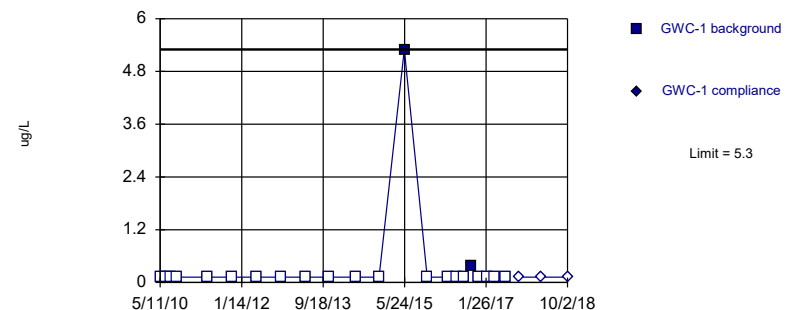


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

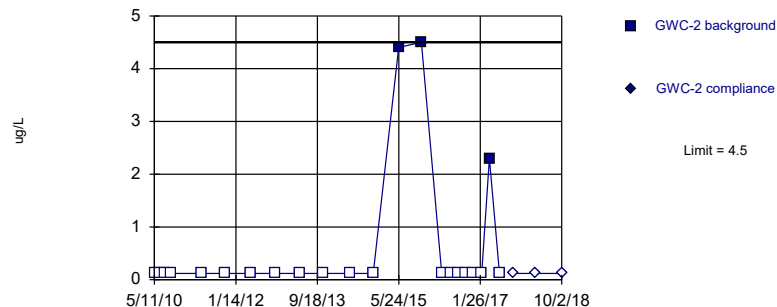


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

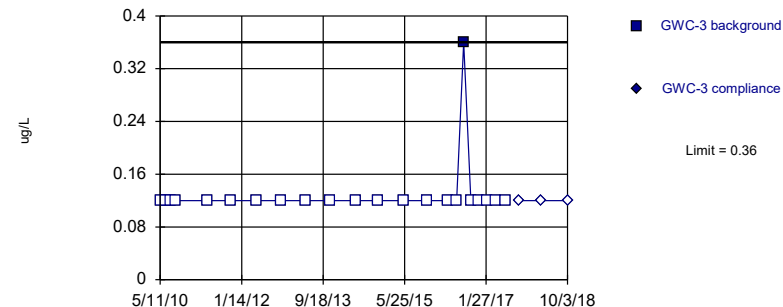


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

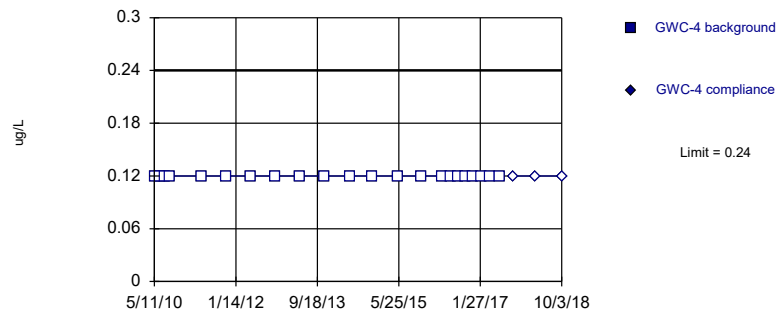


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

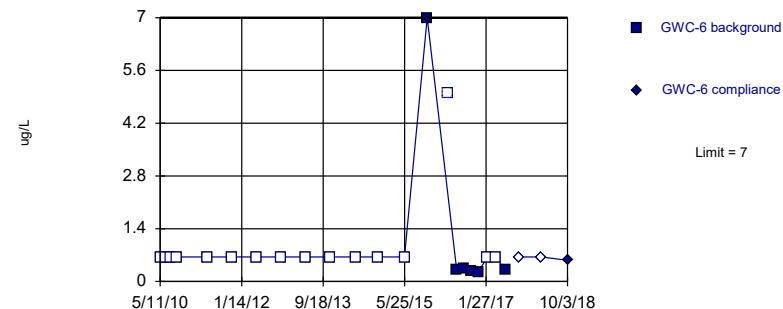


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

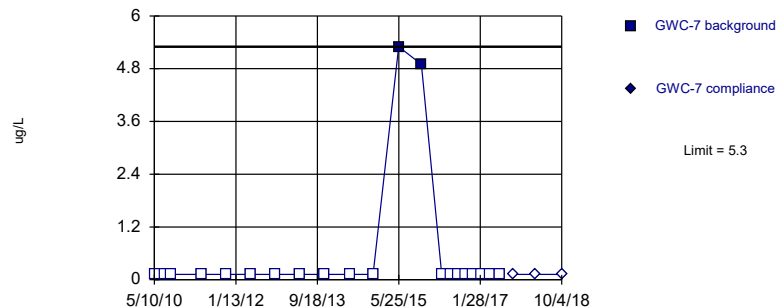


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

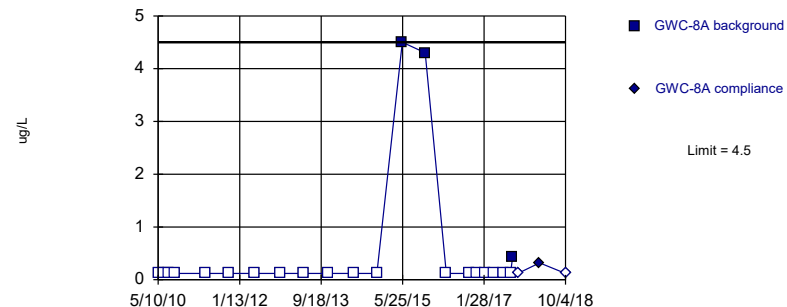


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

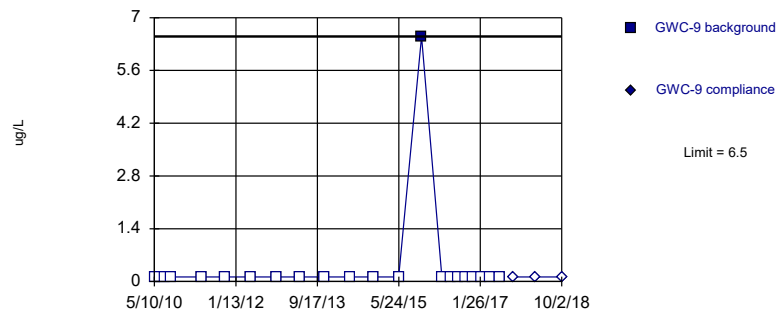


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

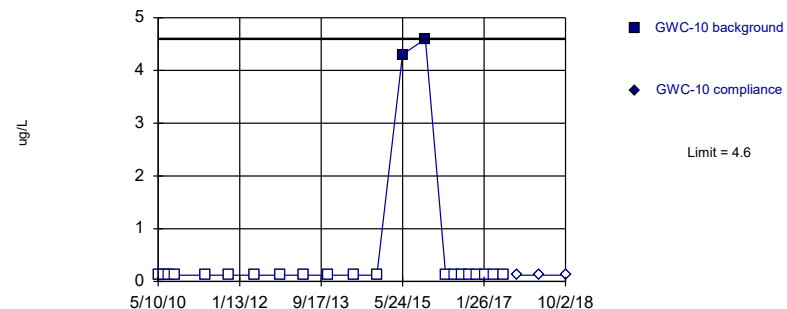


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

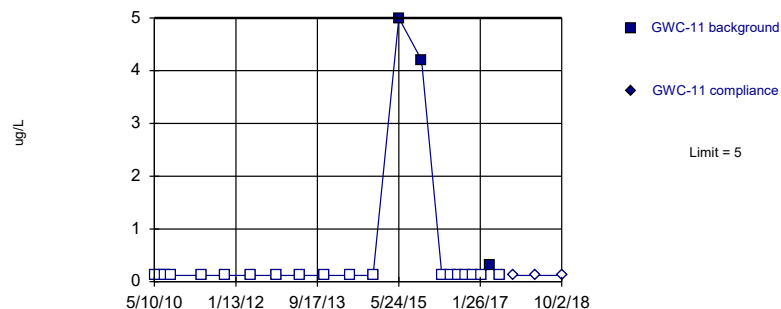


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

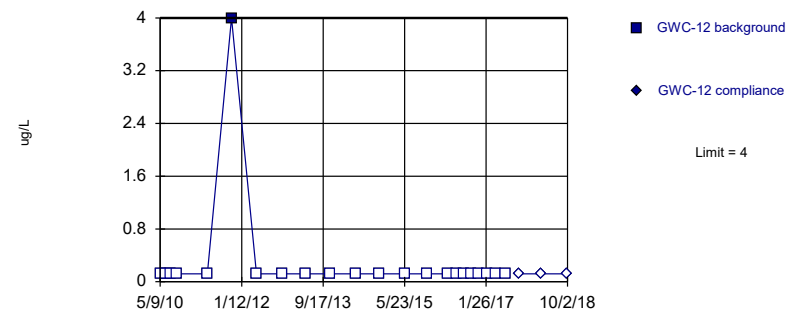


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

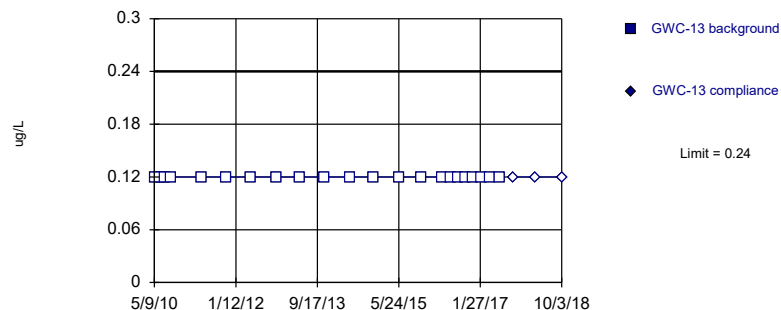


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

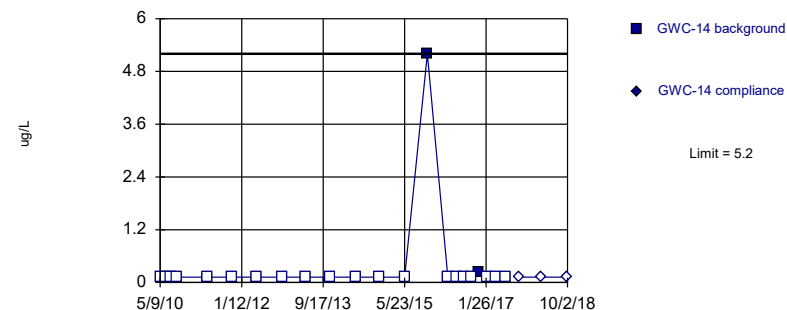


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

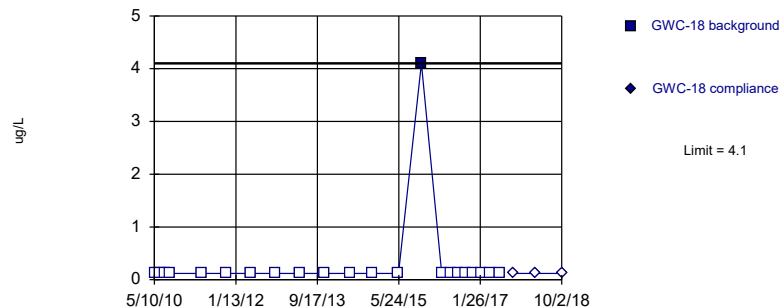


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

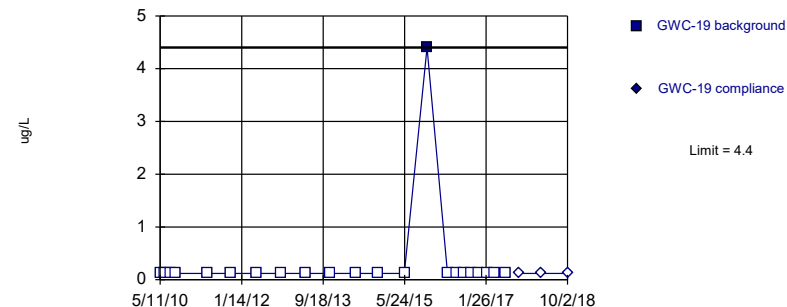


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

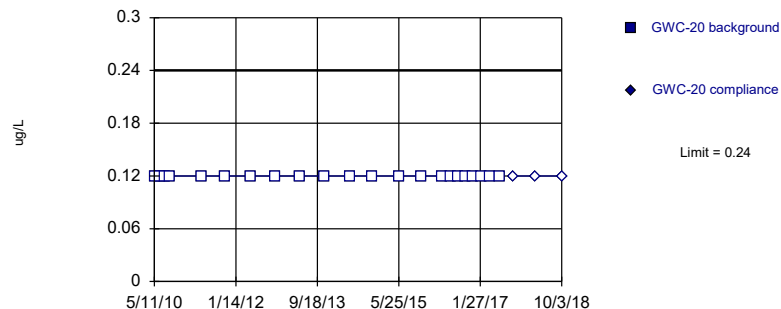


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

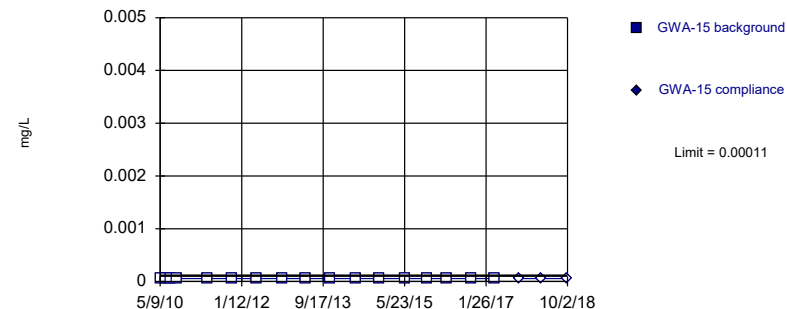


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

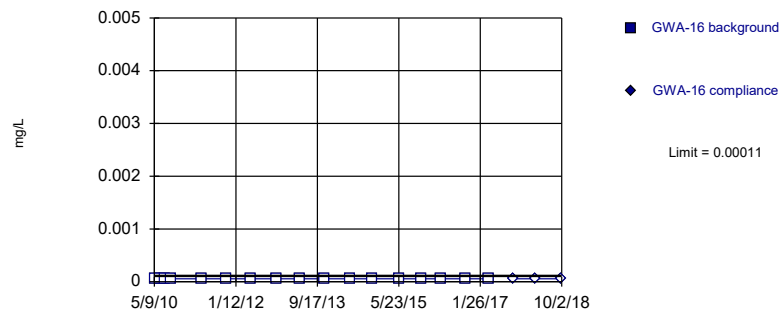


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

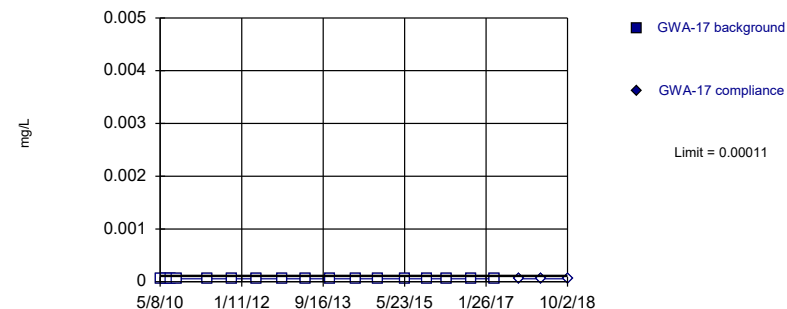


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

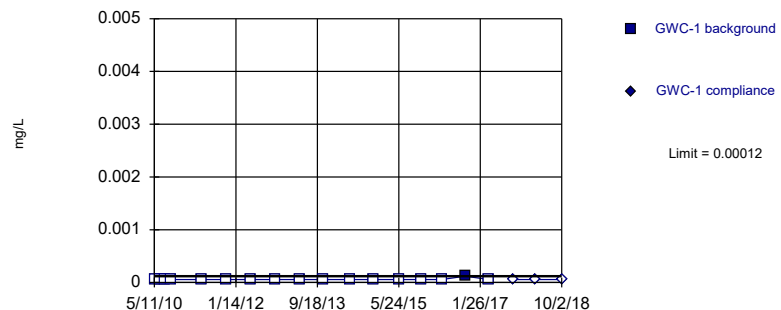


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

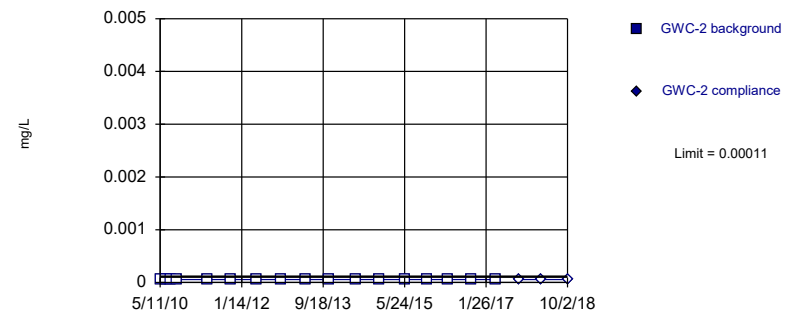


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

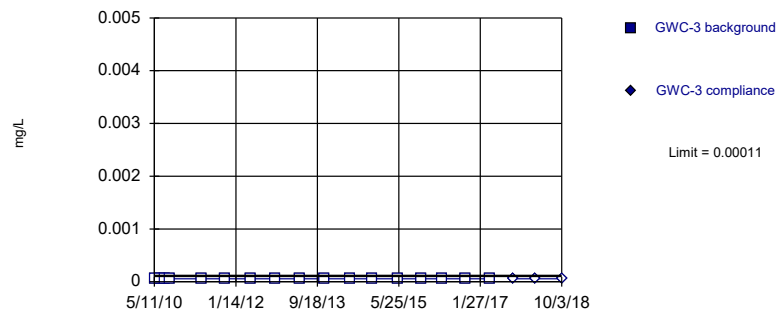


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

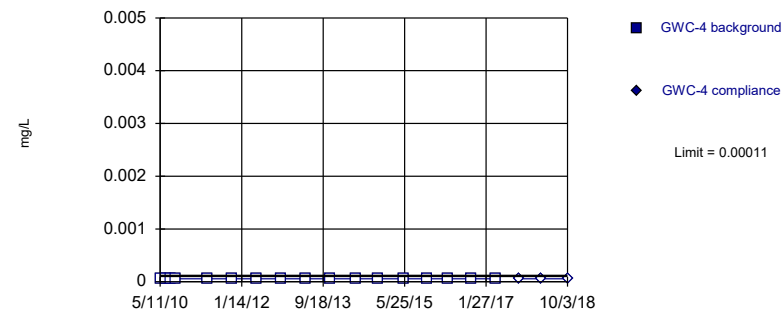


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

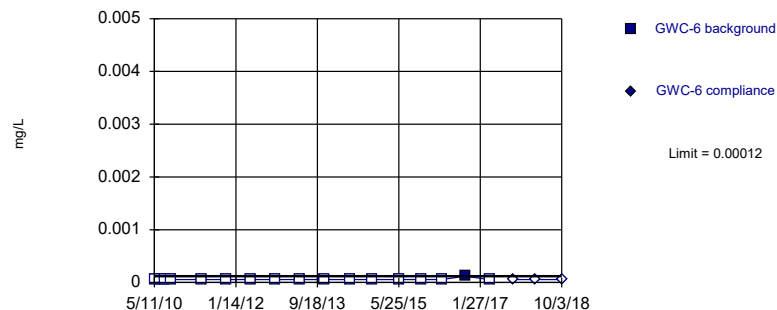


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

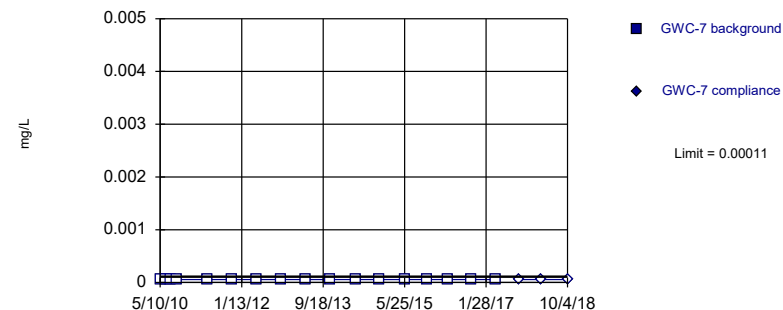


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

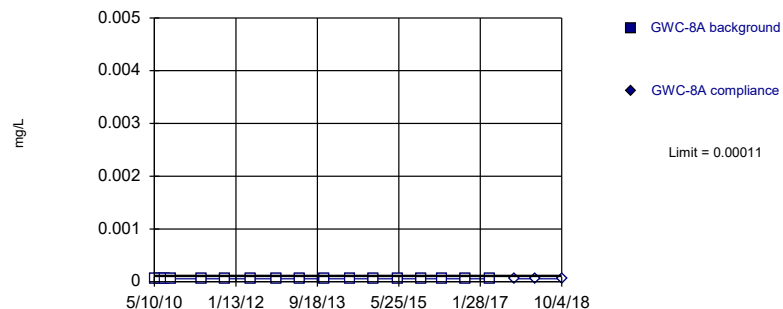


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

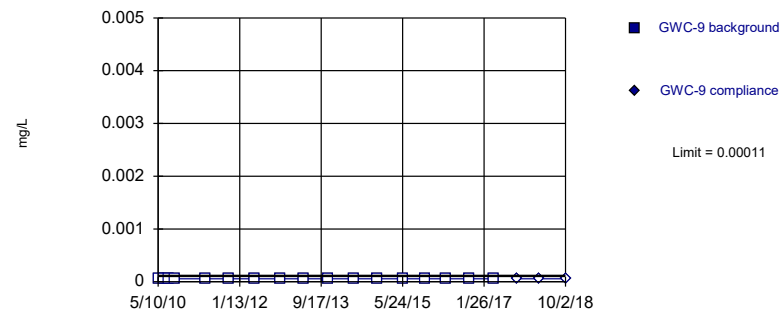


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

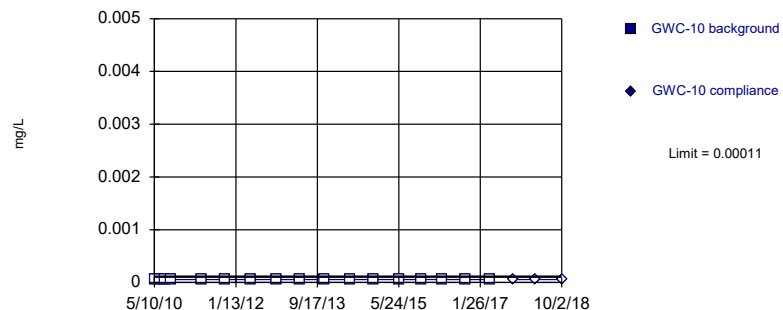


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

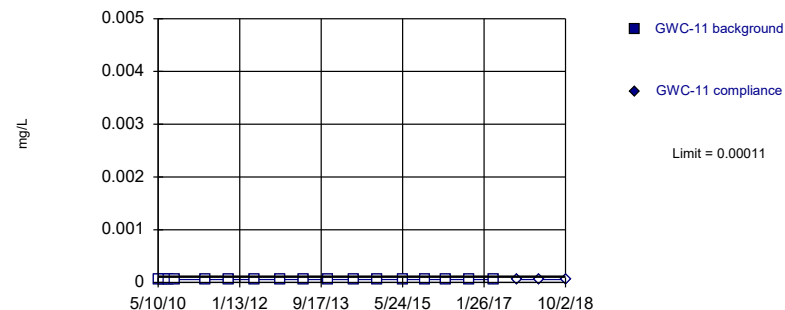


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



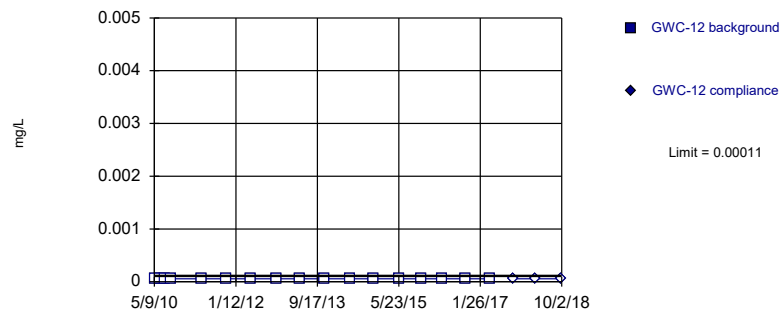
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



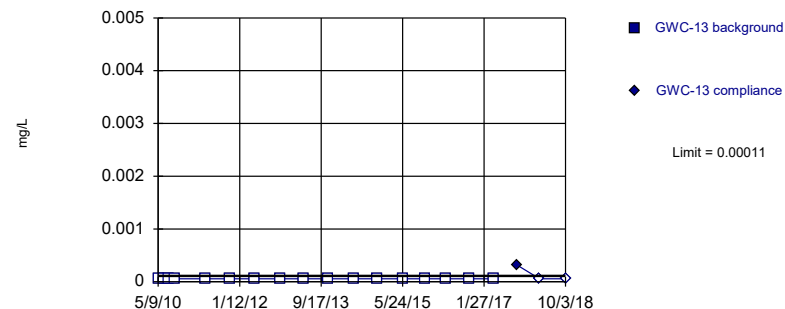
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



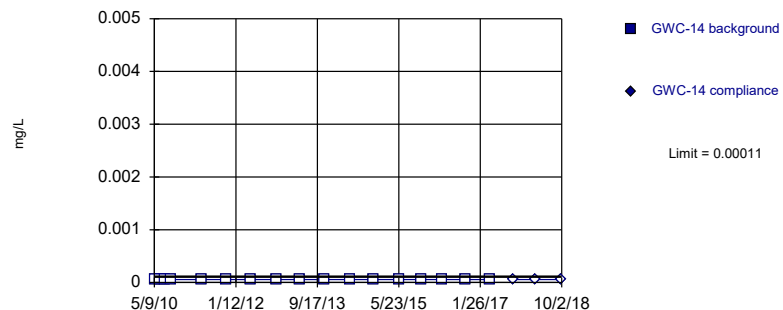
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



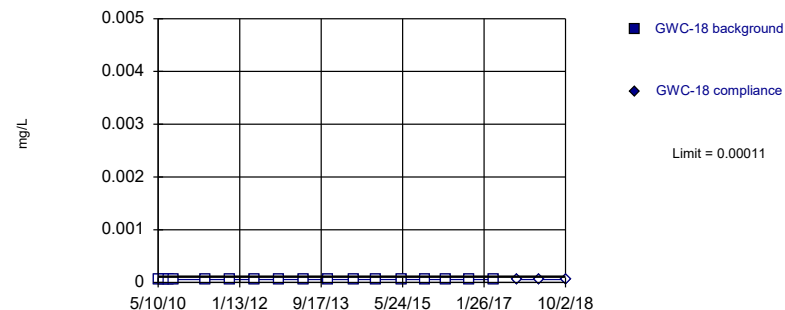
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

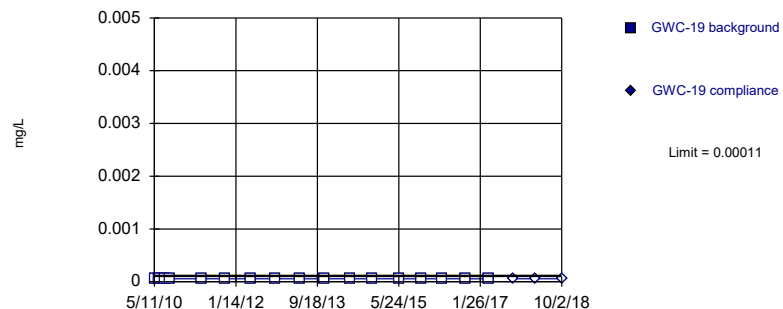


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

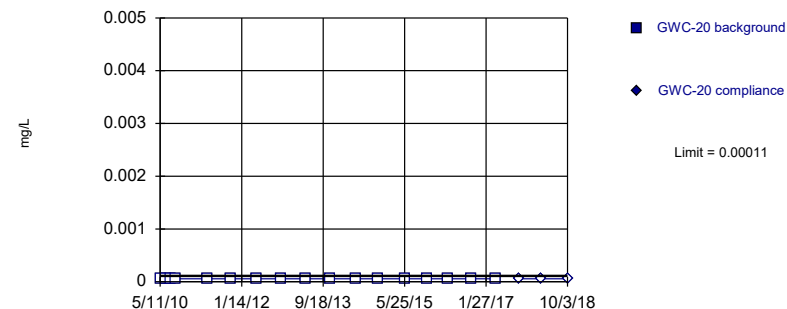


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

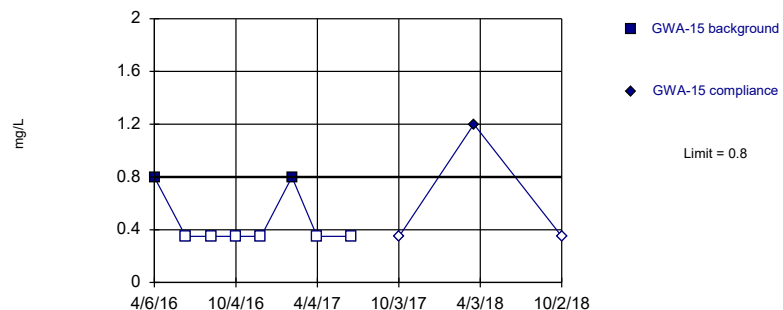


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

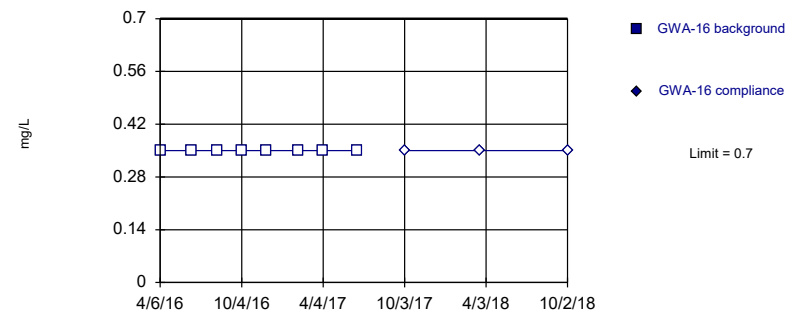


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

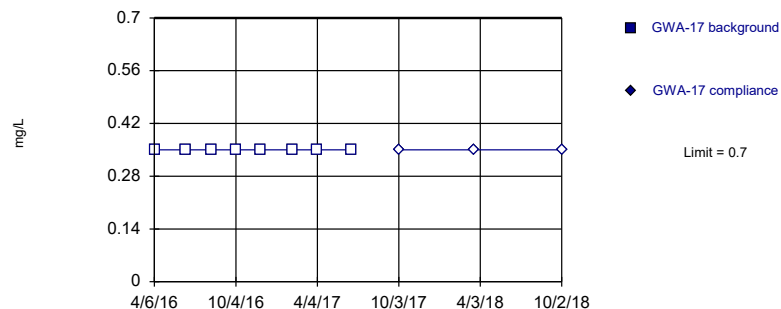


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

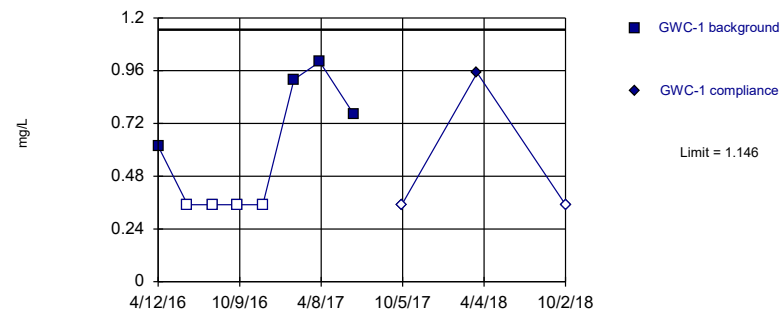


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

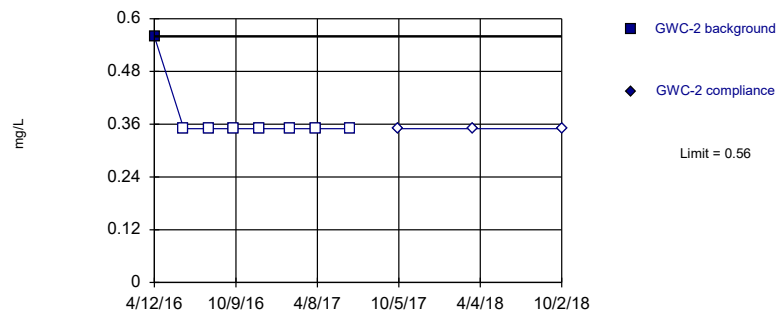


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7206, Std. Dev.=0.1471, n=8, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8116, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

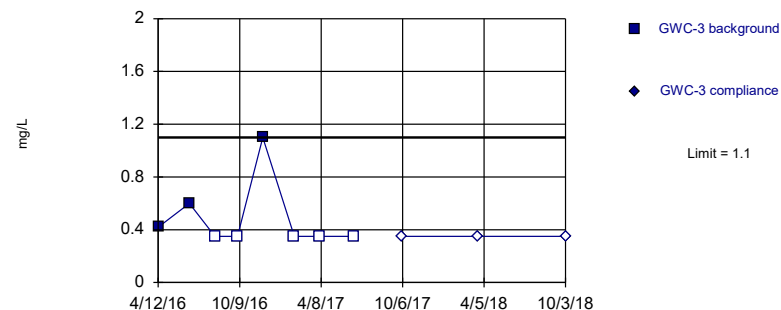


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



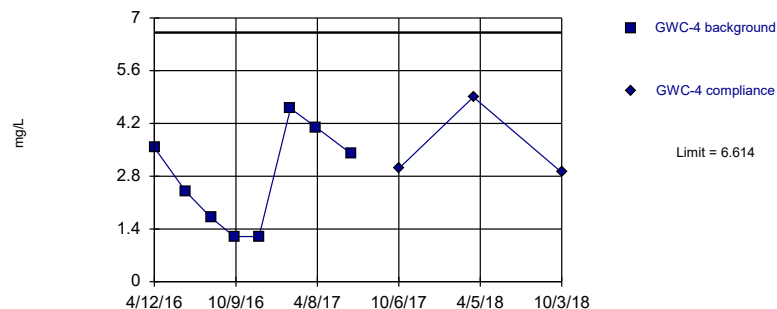
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



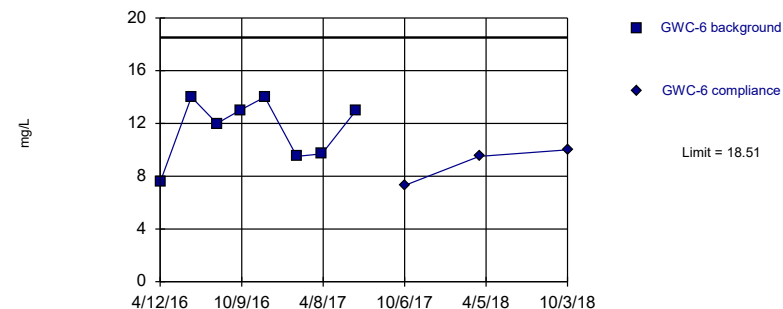
Background Data Summary: Mean=2.77, Std. Dev.=1.328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.59, Std. Dev.=2.391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.749. Kappa overridden to 2.894.

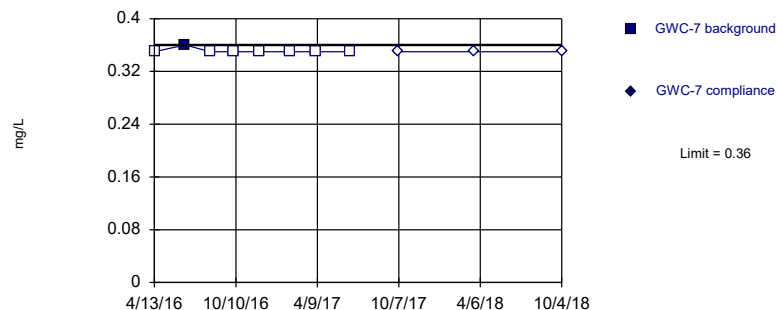
Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

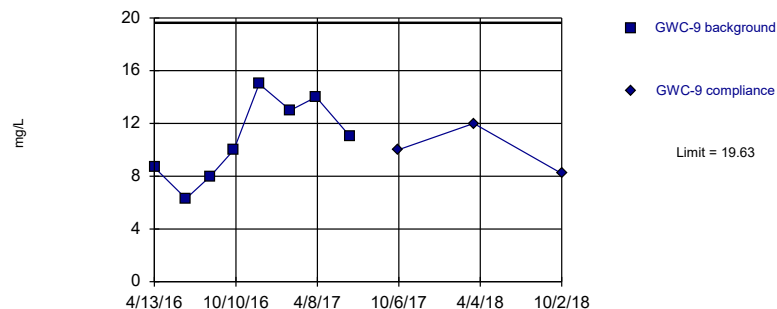
Intrawell Non-parametric



Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=10.75, Std. Dev.=3.072, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9633, critical = 0.749. Kappa overridden to 2.894.

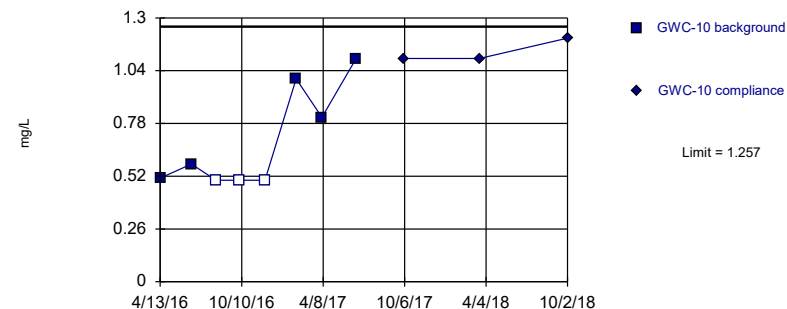
Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.6917, Std. Dev.=0.1954, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7779, critical = 0.749. Kappa overridden to 2.894.

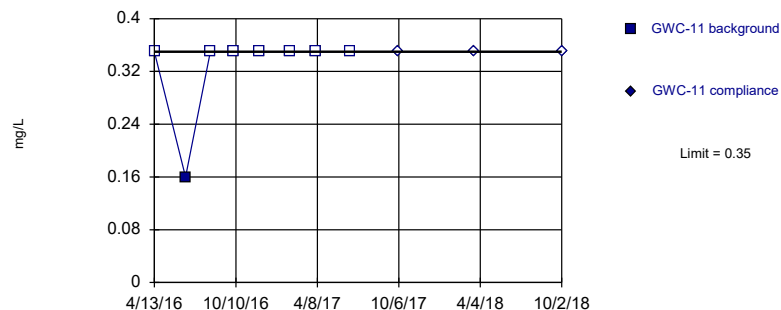
Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

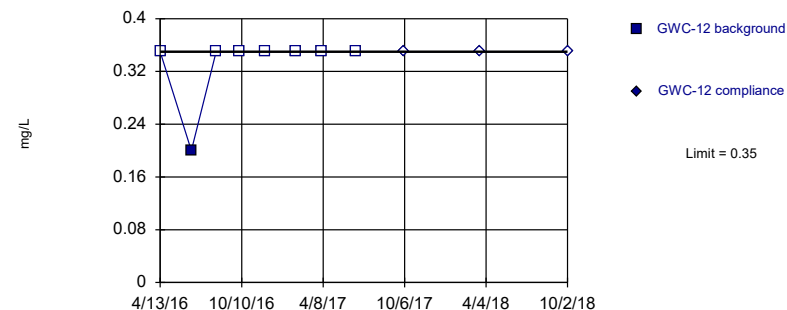
Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

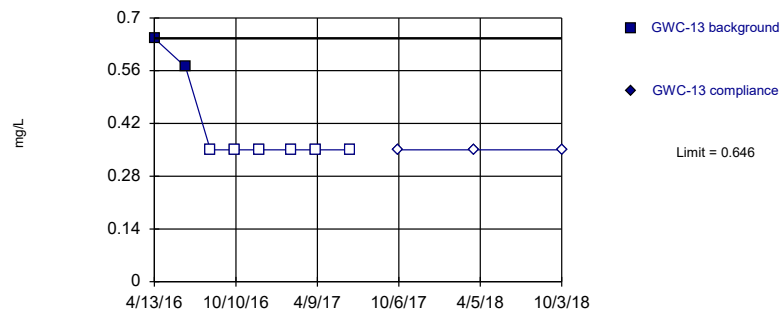


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

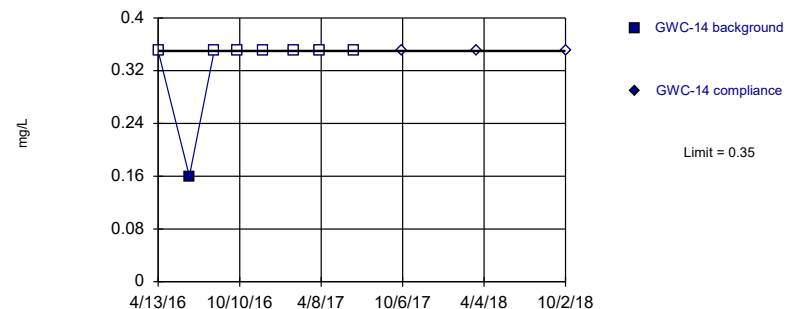


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

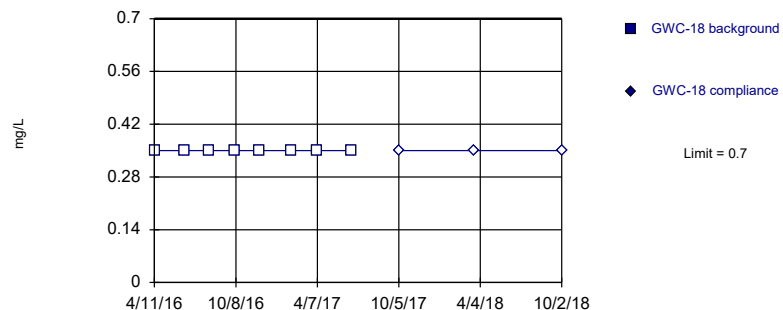


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

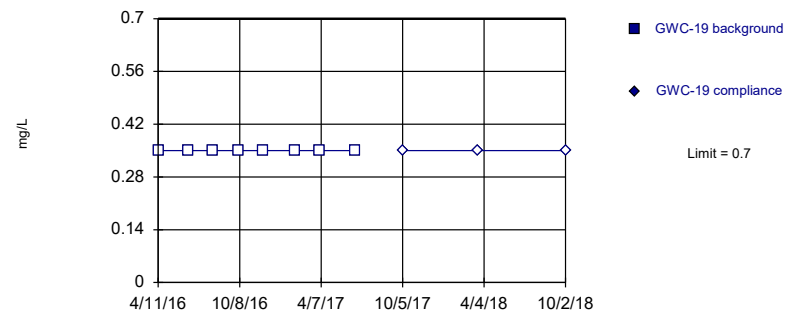


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

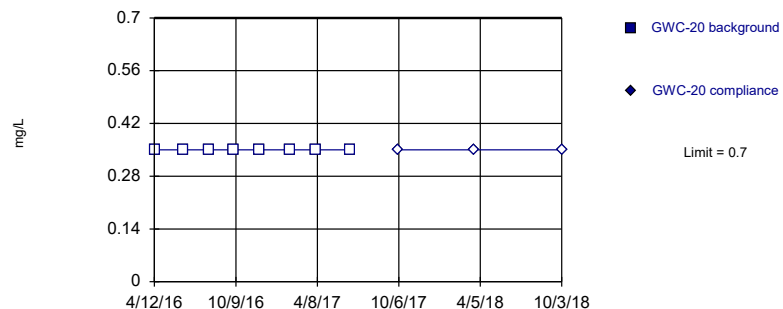


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

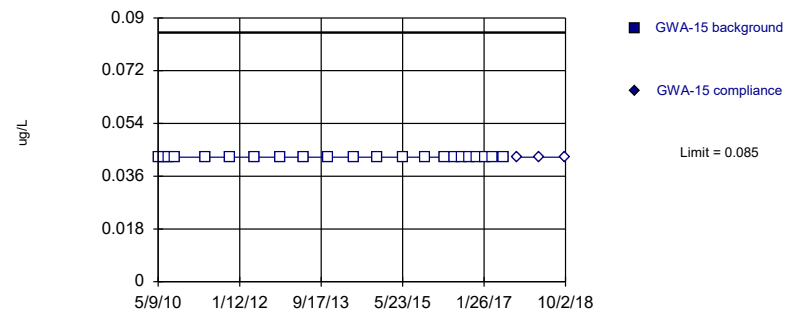


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

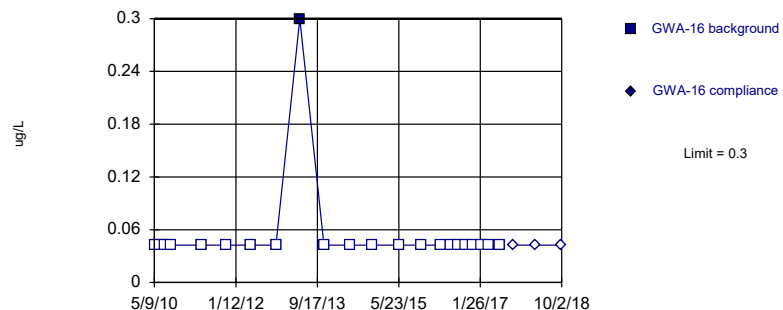


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

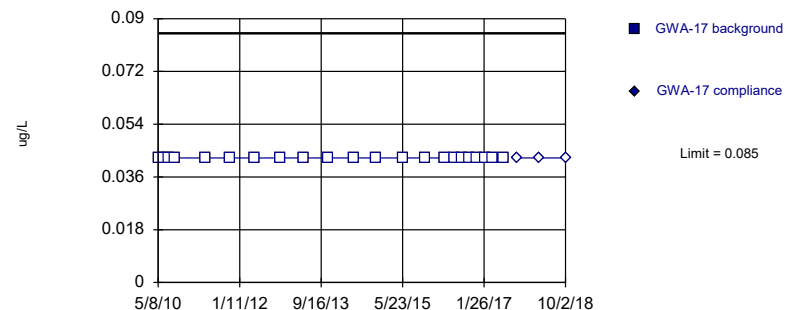


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

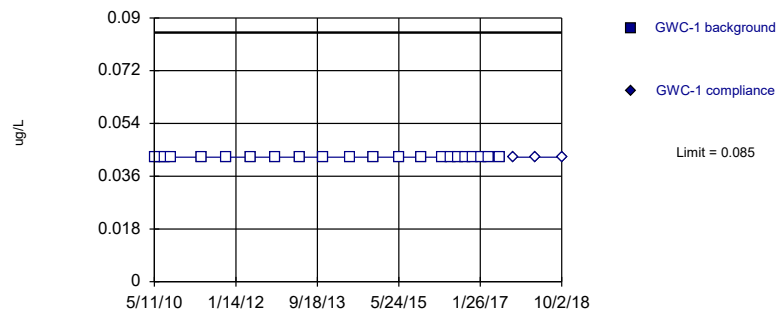


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Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

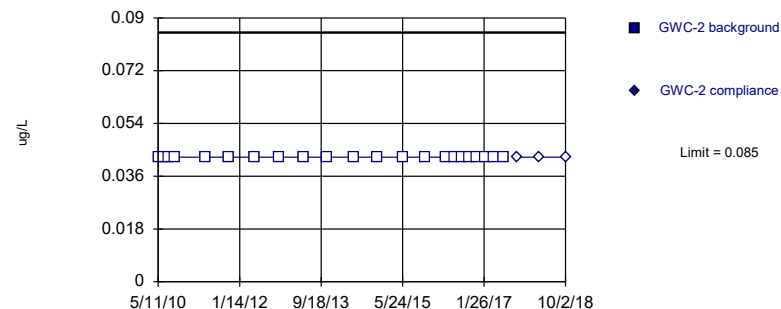


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

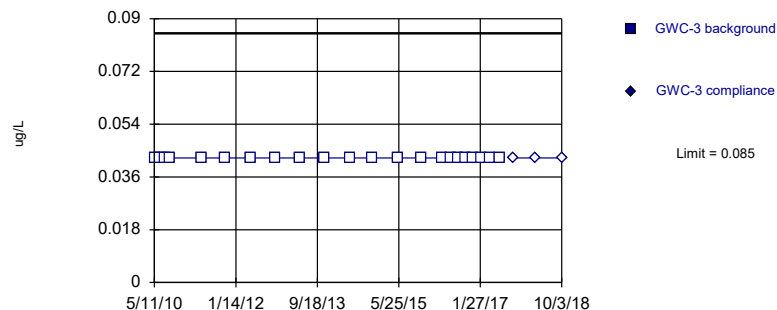


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

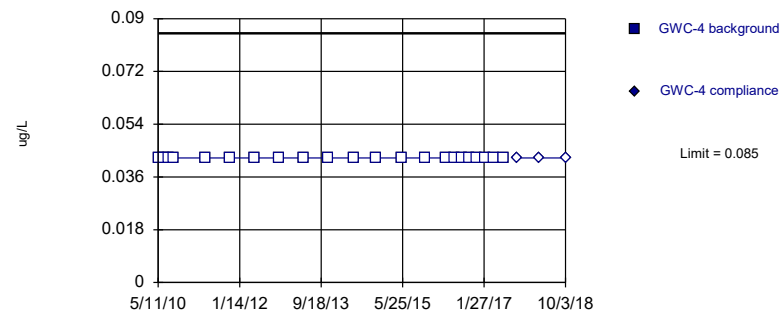


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

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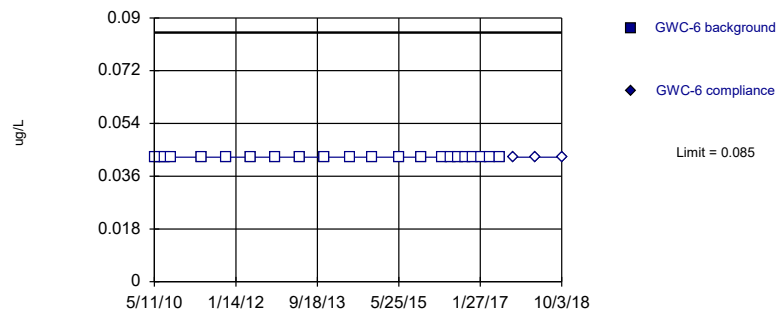


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

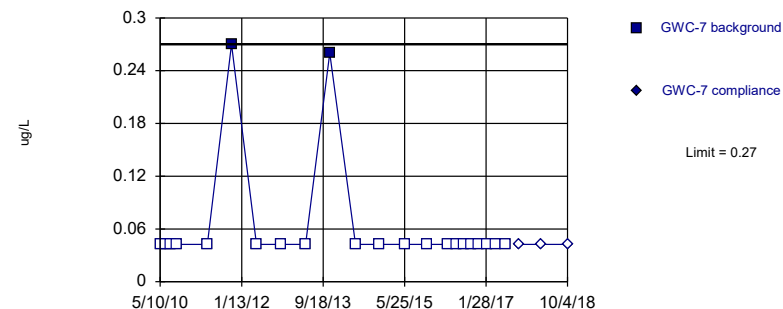


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

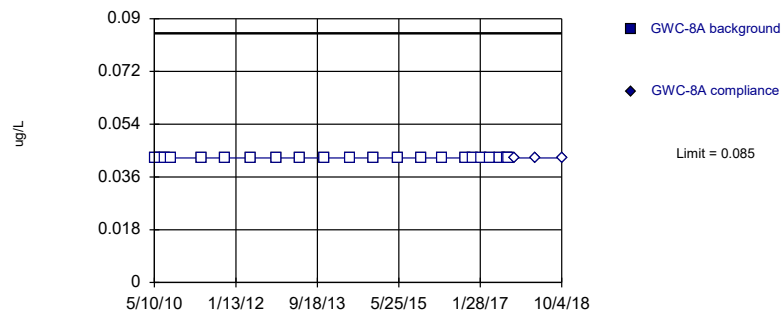


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

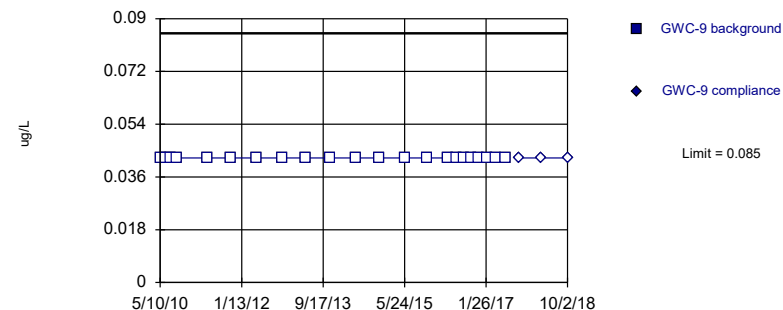


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

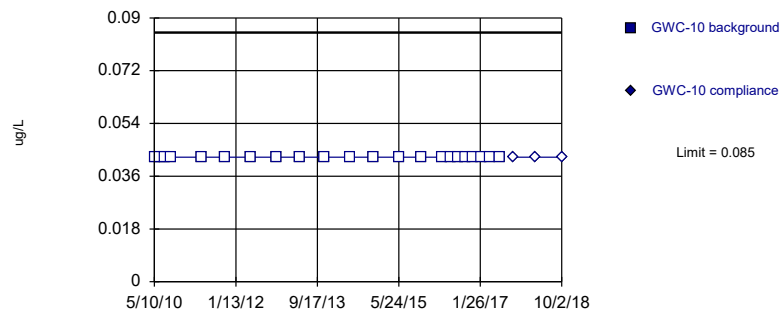


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

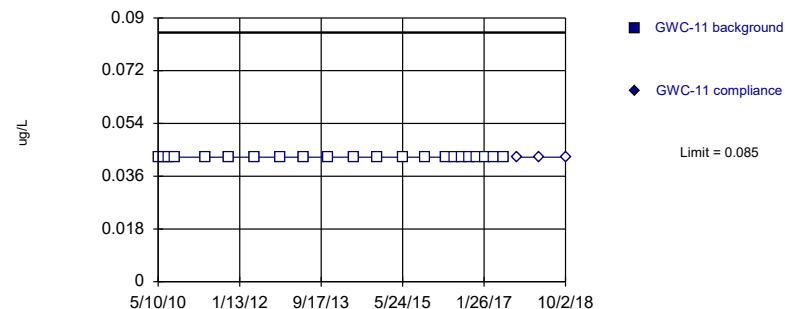


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

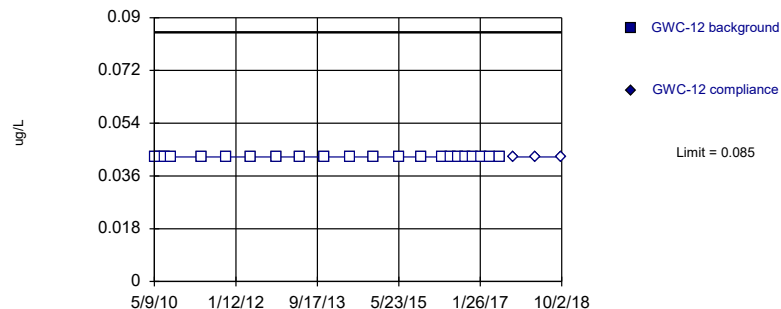


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

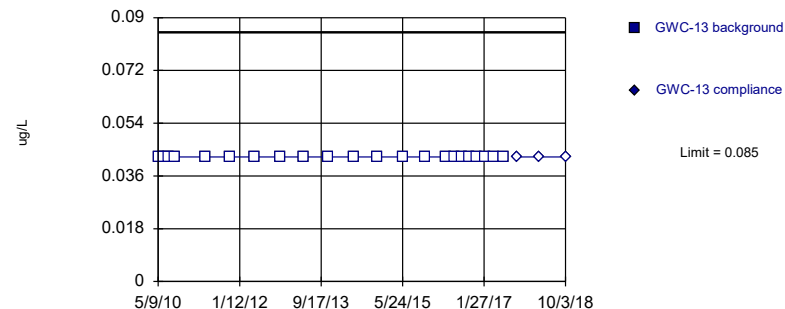


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

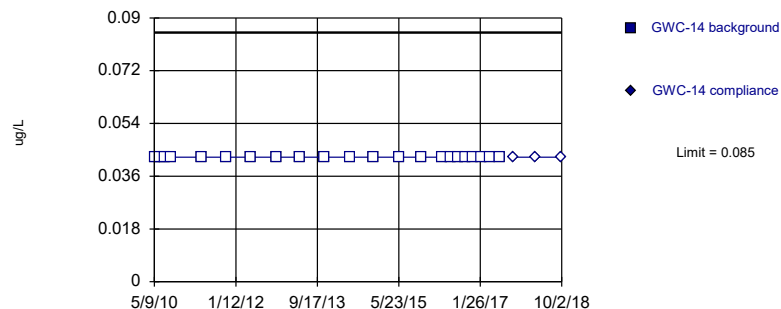


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

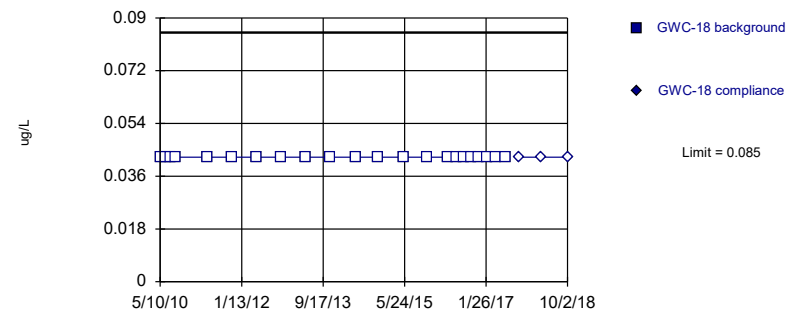


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

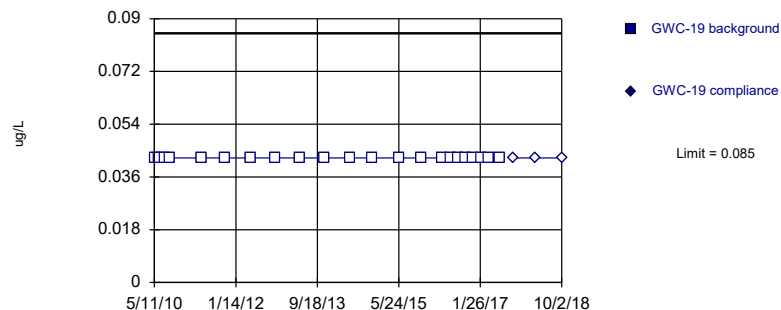


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

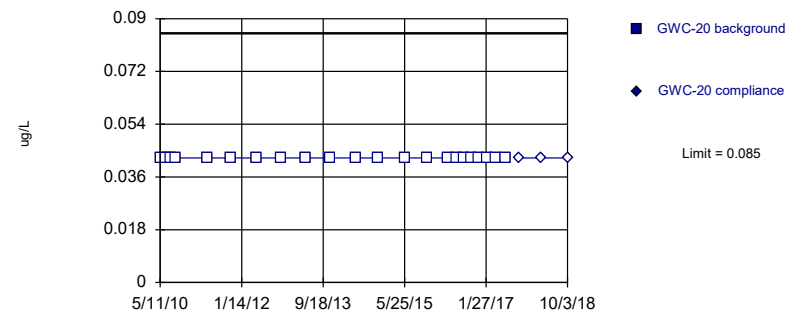


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



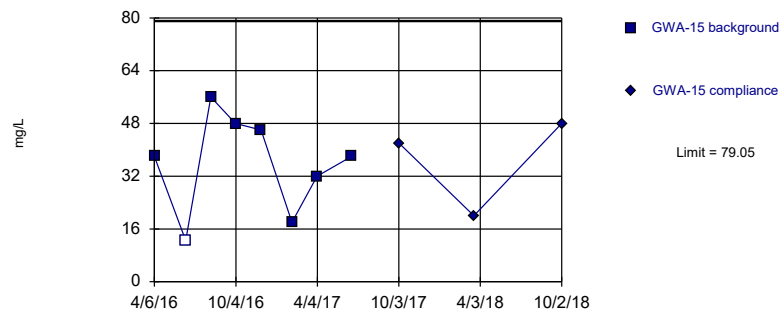
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



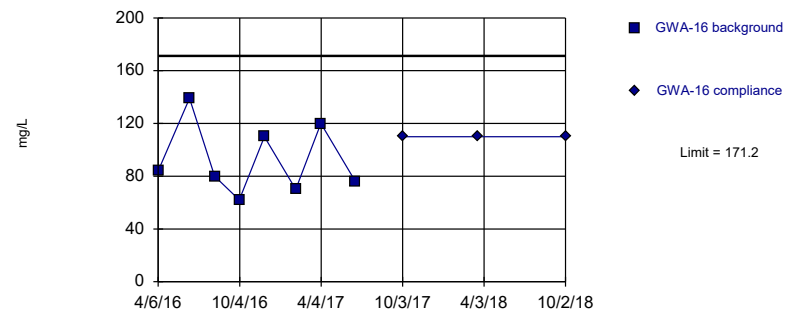
Background Data Summary: Mean=36.06, Std. Dev.=14.85, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9479, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



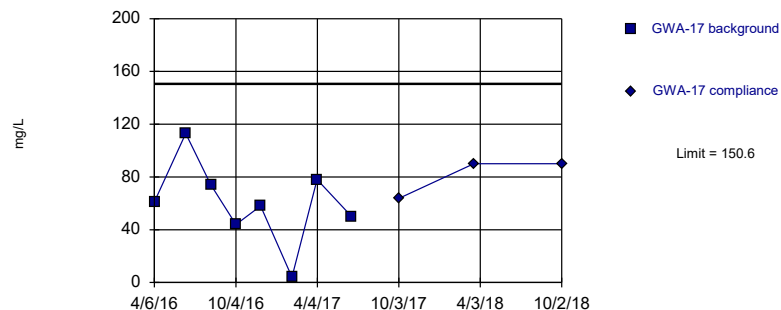
Background Data Summary: Mean=92.63, Std. Dev.=27.16, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9109, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



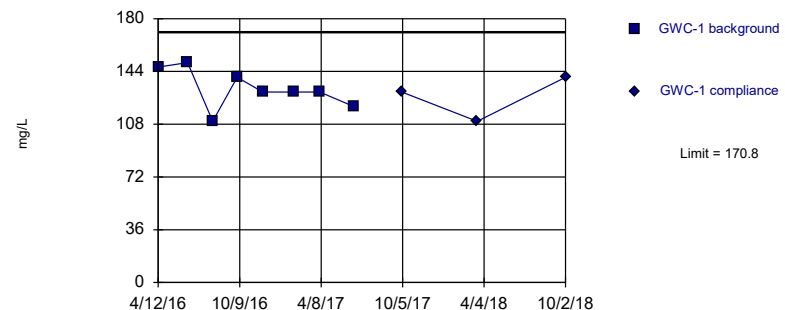
Background Data Summary: Mean=60.25, Std. Dev.=31.23, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



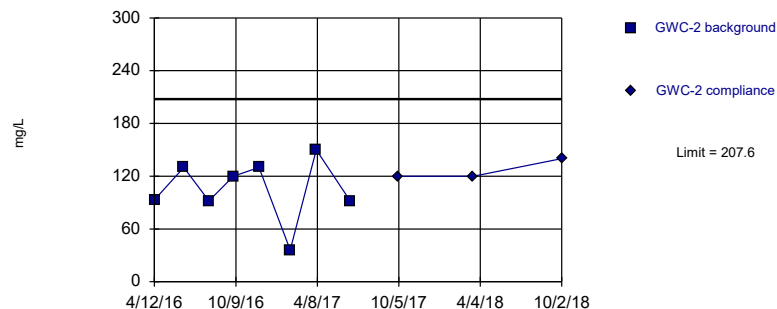
Background Data Summary: Mean=132.1, Std. Dev.=13.38, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9497, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



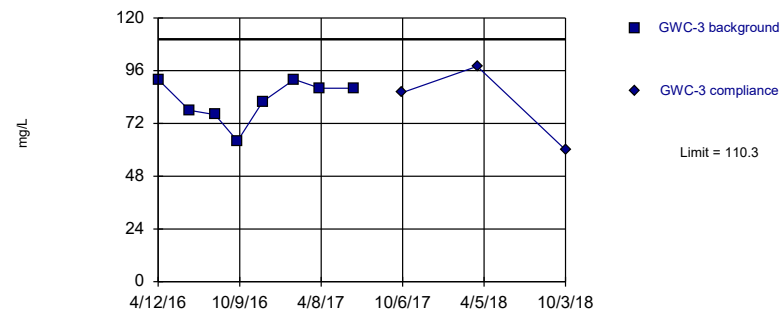
Background Data Summary: Mean=105.4, Std. Dev.=35.34, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9092, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



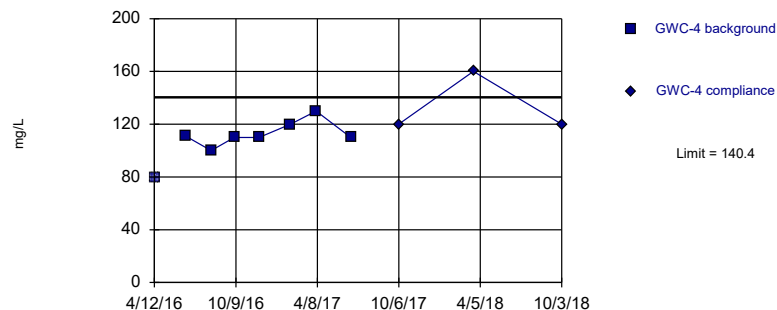
Background Data Summary: Mean=82.5, Std. Dev.=9.607, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



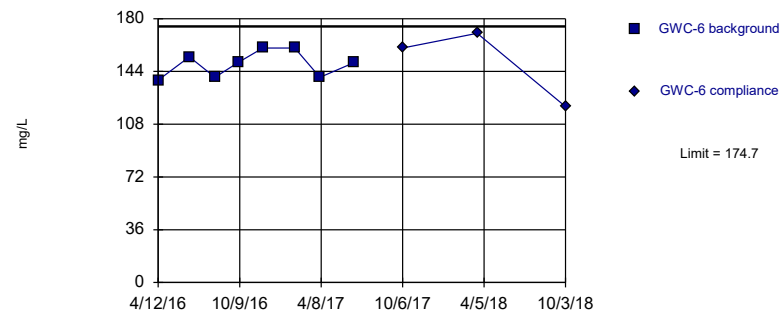
Background Data Summary: Mean=113, Std. Dev.=9.469, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.889, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



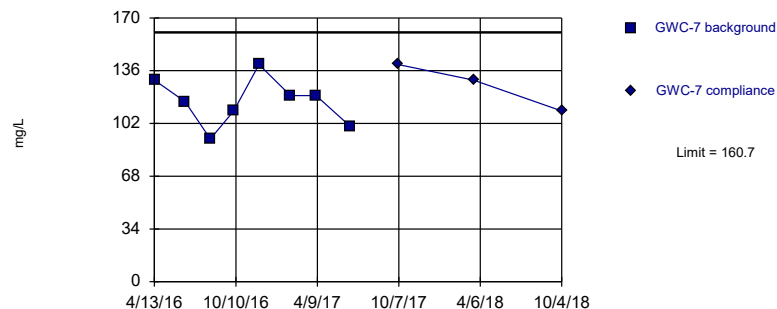
Background Data Summary: Mean=149, Std. Dev.=8.88, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8834, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



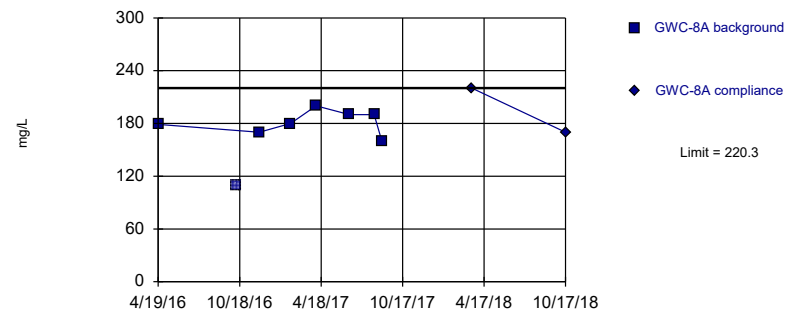
Background Data Summary: Mean=116, Std. Dev.=15.46, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



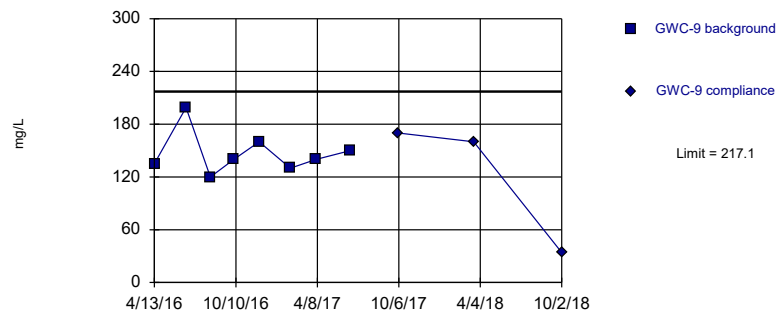
Background Data Summary: Mean=181.3, Std. Dev.=13.47, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



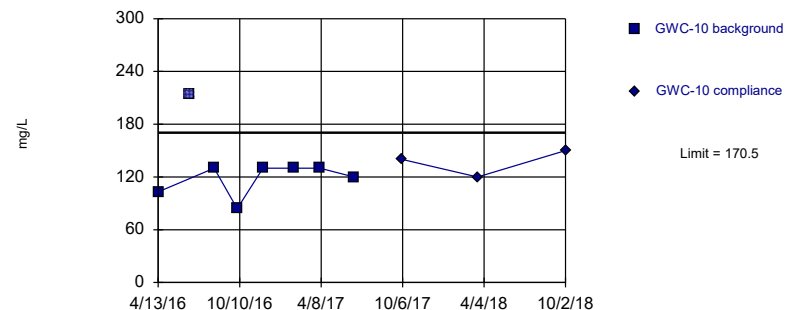
Background Data Summary: Mean=146.8, Std. Dev.=24.32, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8669, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



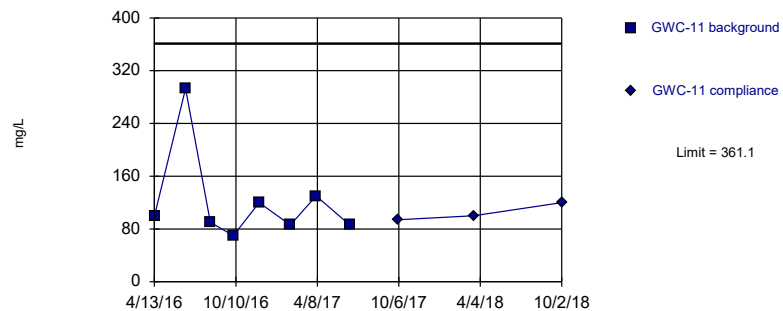
Background Data Summary: Mean=118.1, Std. Dev.=18.08, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7464, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



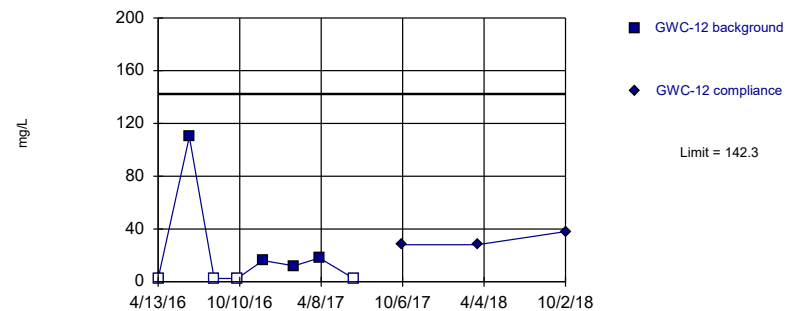
Background Data Summary (based on cube root transformation): Mean=4.837, Std. Dev.=0.7892, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7682, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



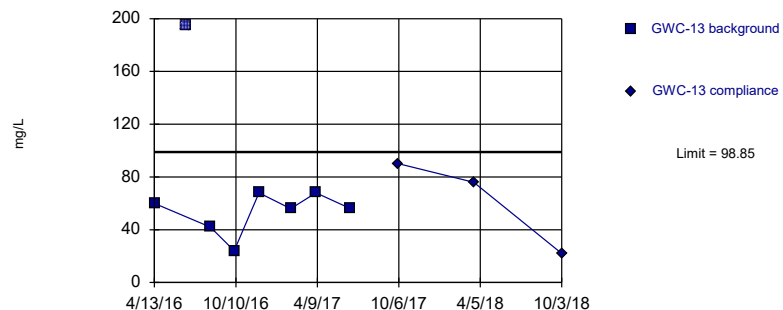
Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=2.383, Std. Dev.=0.9808, n=8, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7589, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



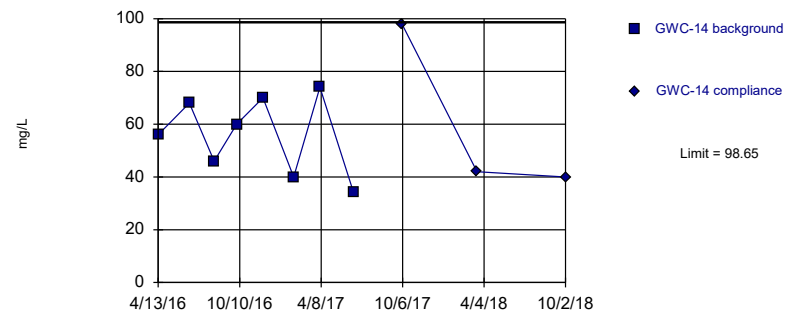
Background Data Summary: Mean=53.43, Std. Dev.=15.69, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8705, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



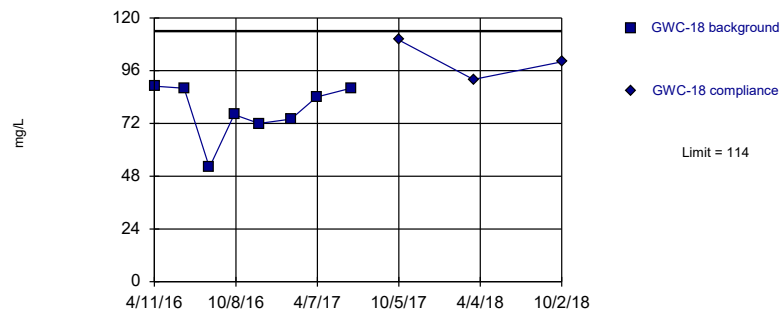
Background Data Summary: Mean=56, Std. Dev.=14.74, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.938, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



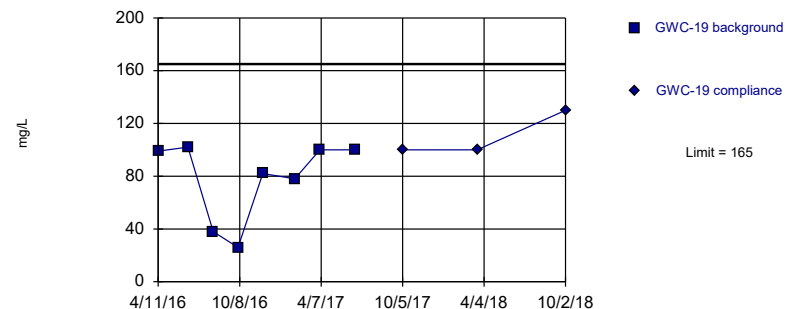
Background Data Summary: Mean=77.88, Std. Dev.=12.47, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8456, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



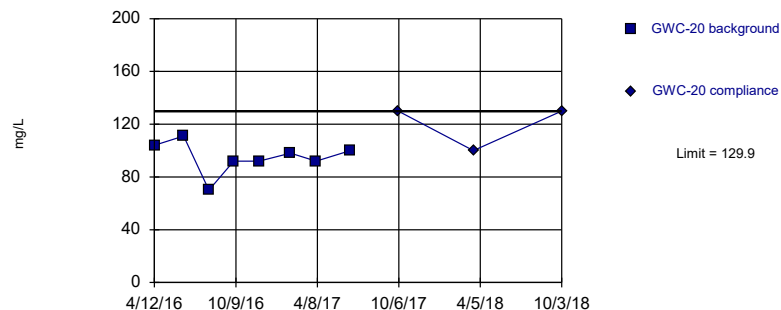
Background Data Summary: Mean=78.13, Std. Dev.=30.01, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7861, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=94.88, Std. Dev.=12.09, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.749. Kappa overridden to 2.894.

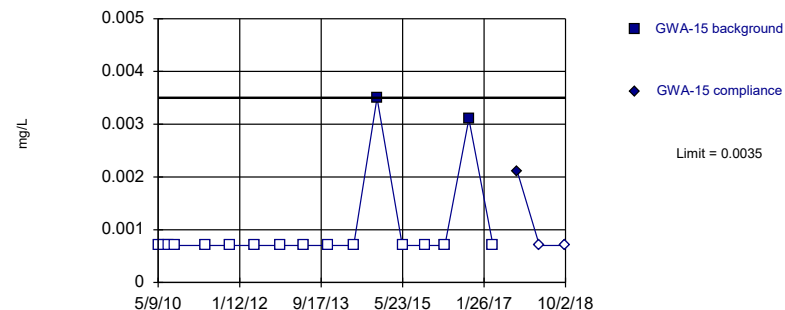
Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



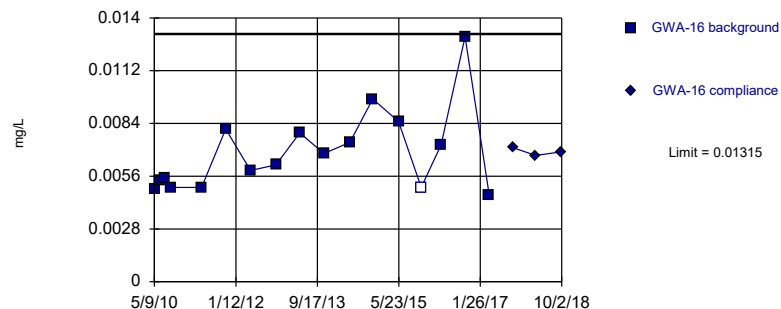
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



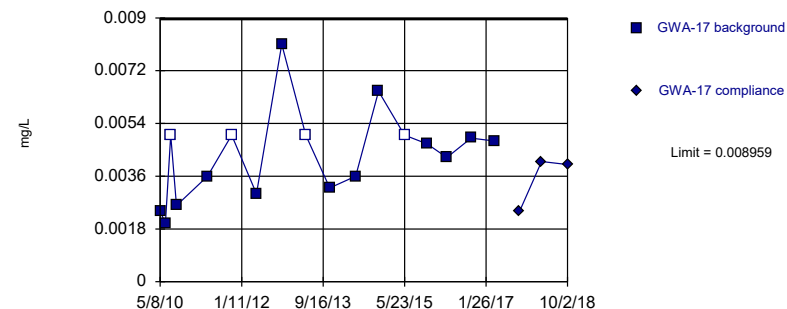
Background Data Summary: Mean=0.006833, Std. Dev.=0.002182, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8555, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



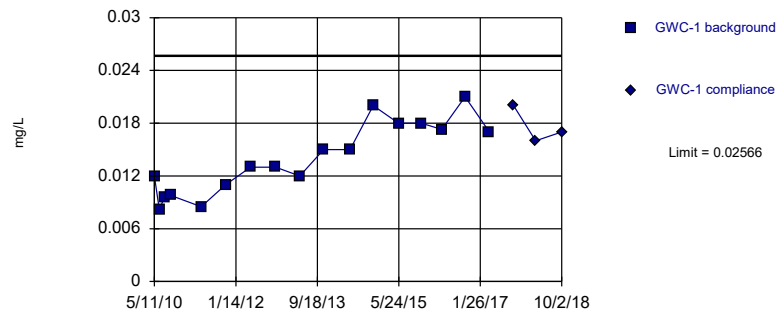
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004052, Std. Dev.=0.001696, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9316, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



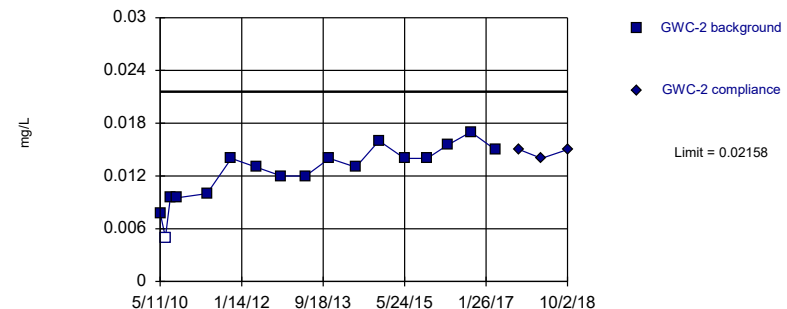
Background Data Summary: Mean=0.01402, Std. Dev.=0.004022, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



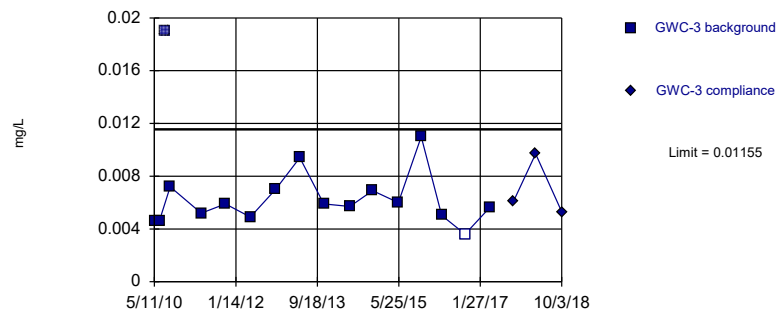
Background Data Summary: Mean=0.01244, Std. Dev.=0.003159, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9406, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



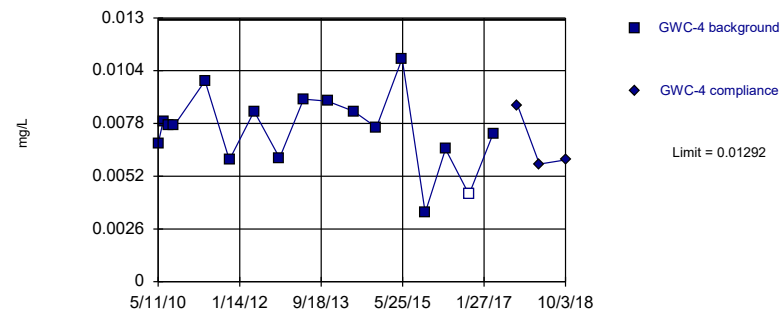
Background Data Summary: Mean=0.006158, Std. Dev.=0.001865, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8752, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



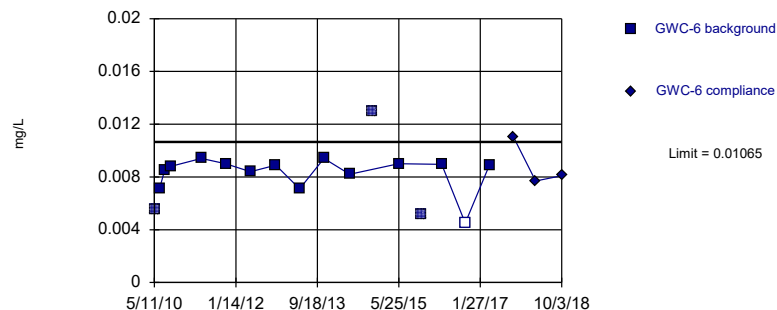
Background Data Summary: Mean=0.007467, Std. Dev.=0.001884, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9736, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



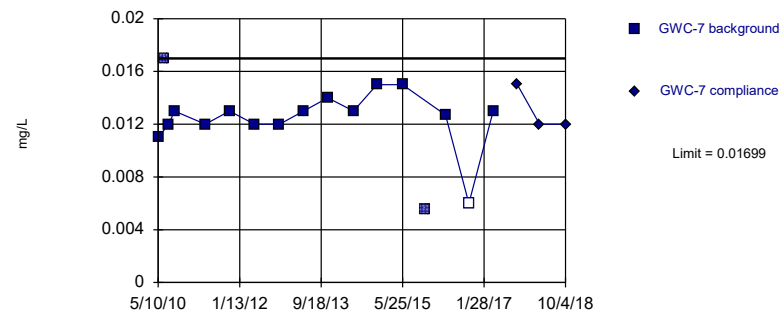
Background Data Summary (based on cube transformation): Mean=6.1e-7, Std. Dev.=2.1e-7, n=14, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8523, critical = 0.825. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



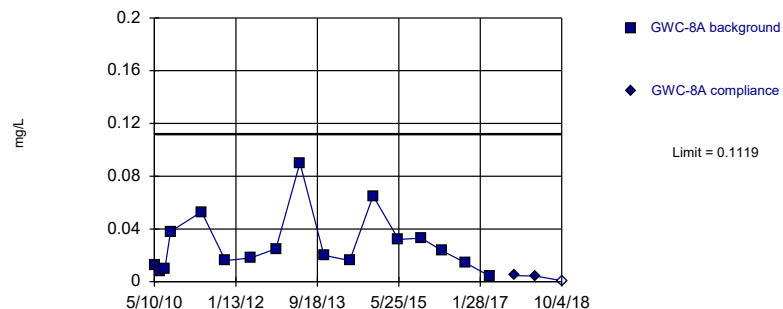
Background Data Summary (based on square transformation): Mean=0.000159, Std. Dev.=0.00004477, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8596, critical = 0.835. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



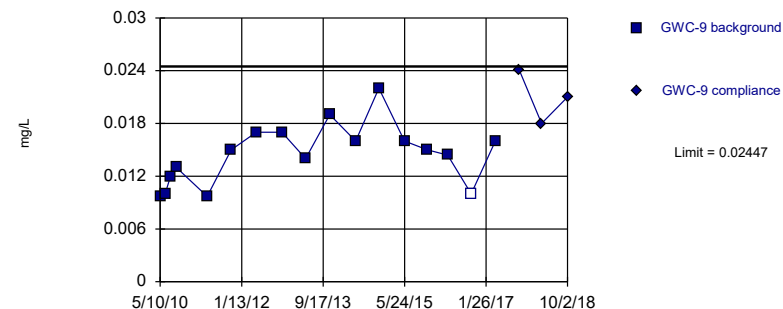
Background Data Summary (based on square root transformation): Mean=0.1568, Std. Dev.=0.06137, n=17.
Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9447, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



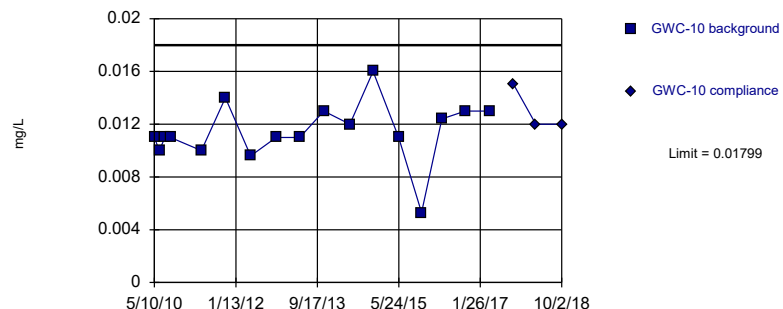
Background Data Summary: Mean=0.01446, Std. Dev.=0.00346, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.942, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



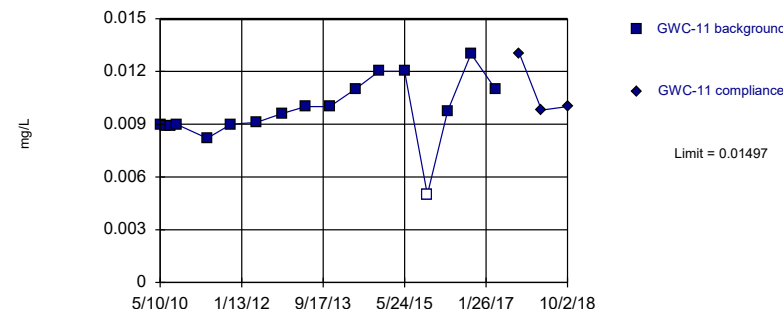
Background Data Summary: Mean=0.01143, Std. Dev.=0.002268, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9088, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric

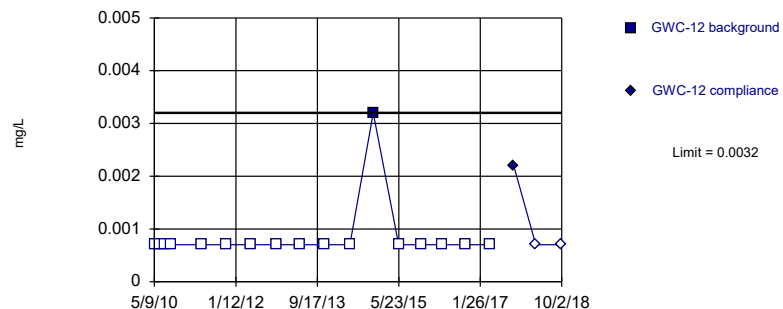


Background Data Summary: Mean=0.009733, Std. Dev.=0.001811, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9165, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

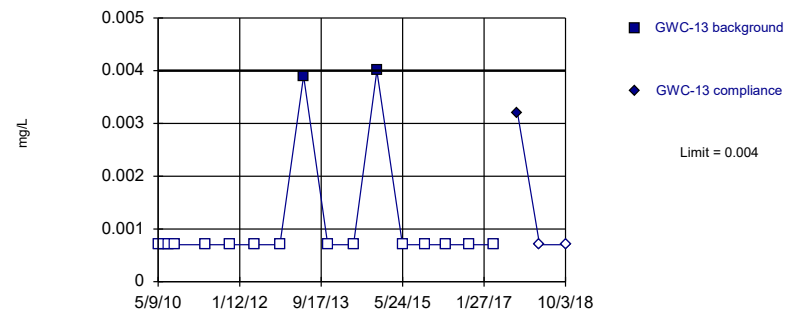


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

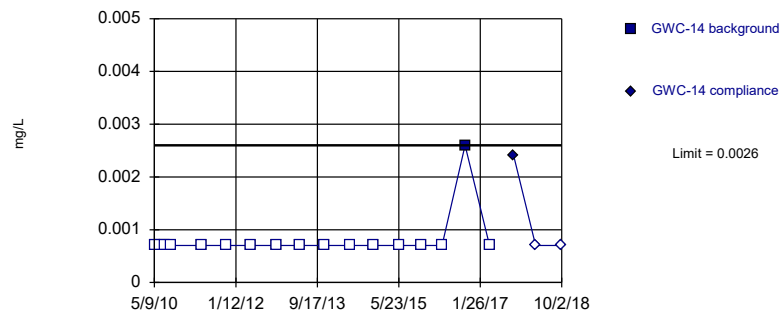


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

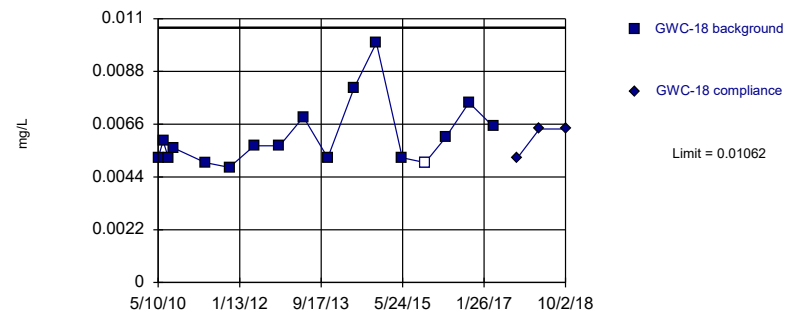


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric



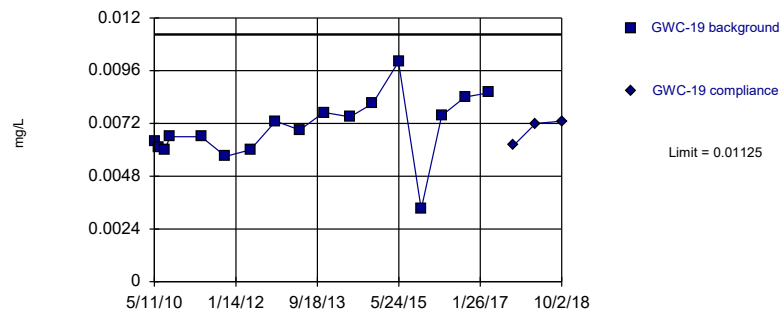
Background Data Summary (based on natural log transformation): Mean=-5.121, Std. Dev.=0.1992, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8677, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006986, Std. Dev.=0.001474, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9573, critical = 0.851. Kappa overridden to 2.894.

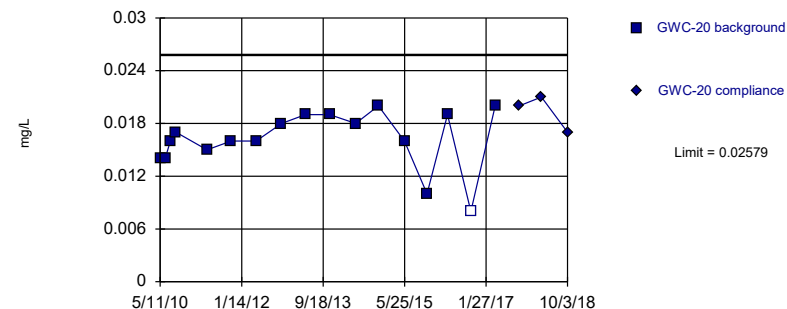
Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01618, Std. Dev.=0.003321, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.887, critical = 0.851. Kappa overridden to 2.894.

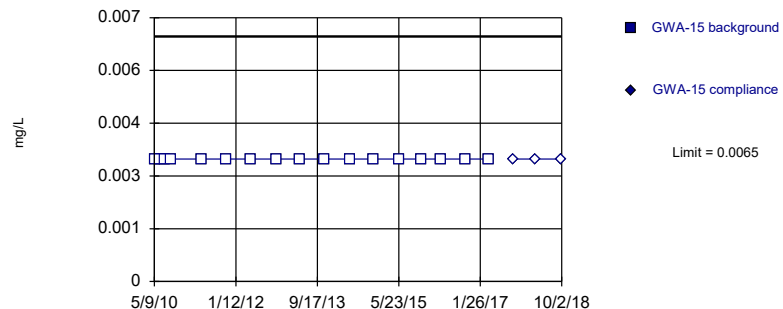
Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

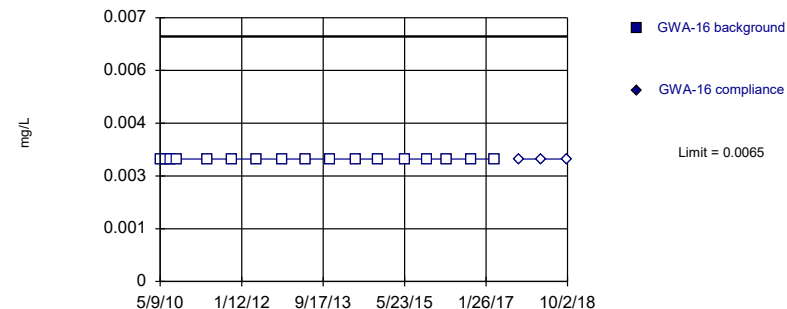
Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

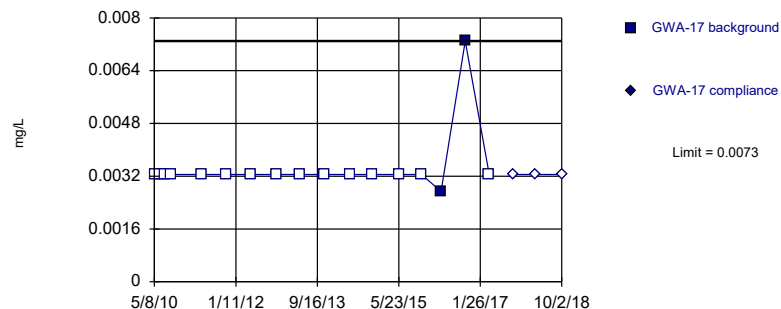


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

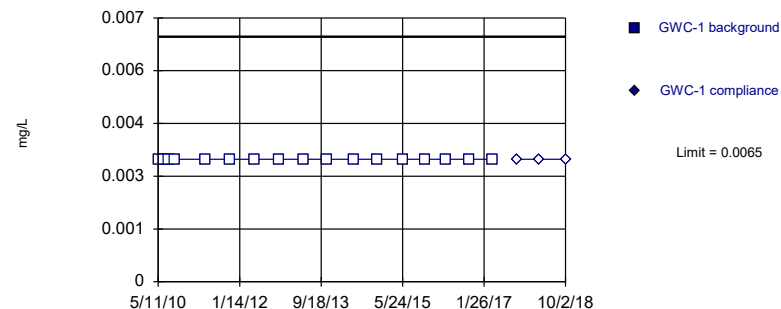


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

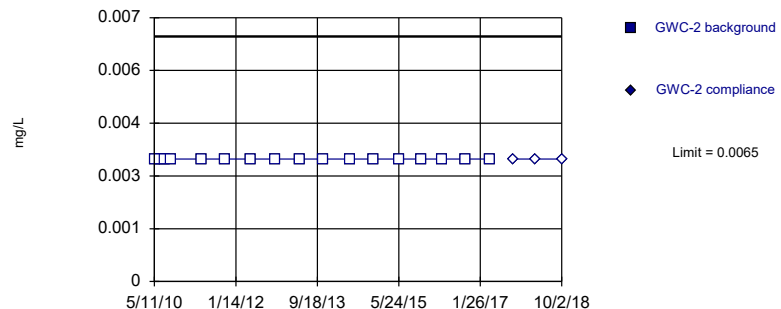


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

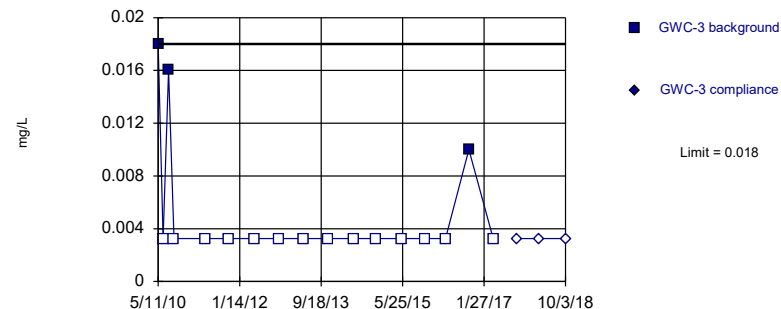


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

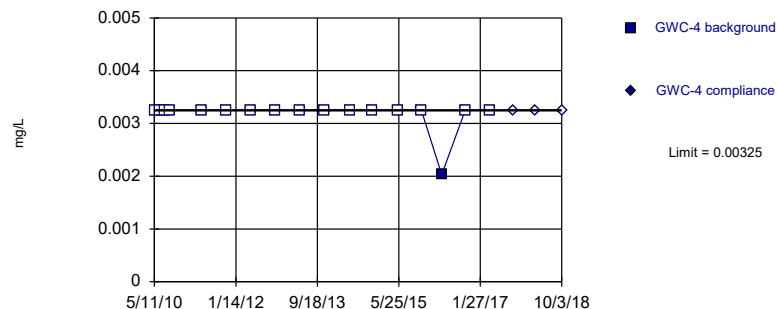


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

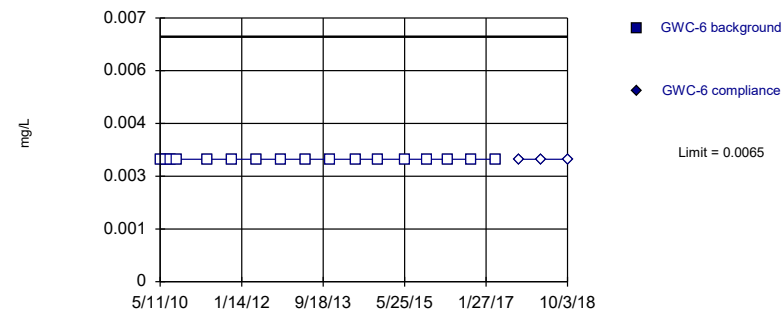


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

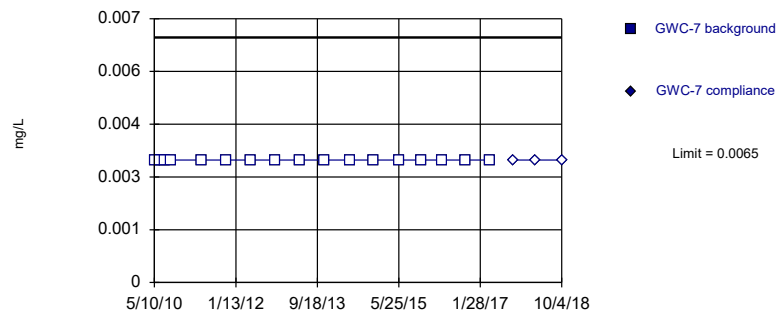


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

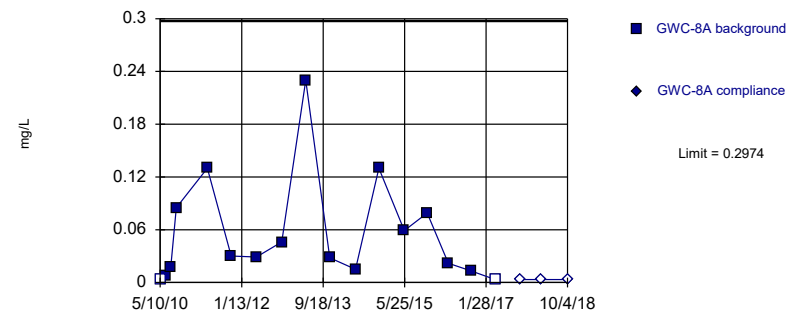


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

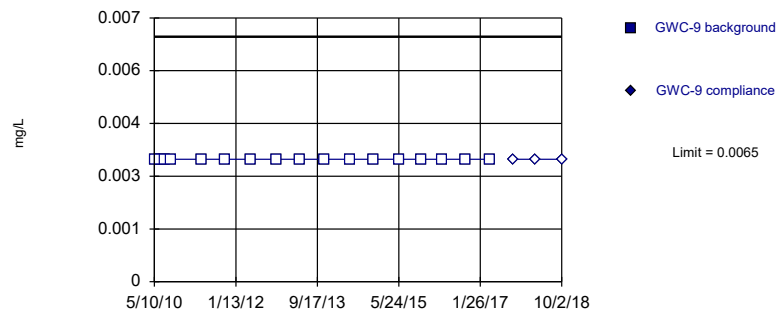


Background Data Summary (based on square root transformation): Mean=0.2035, Std. Dev.=0.1181, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9277, critical = 0.851. Kappa overridden to 2.894.

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

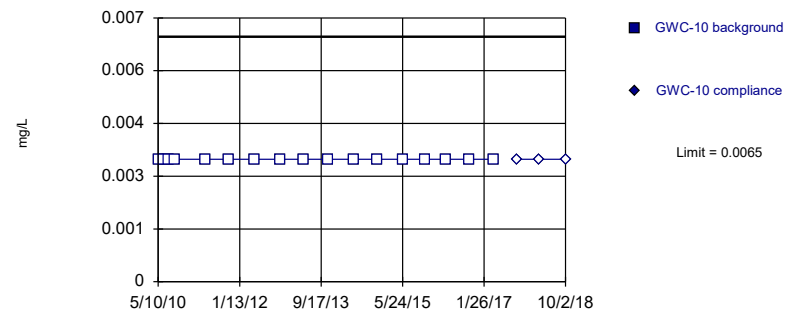


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

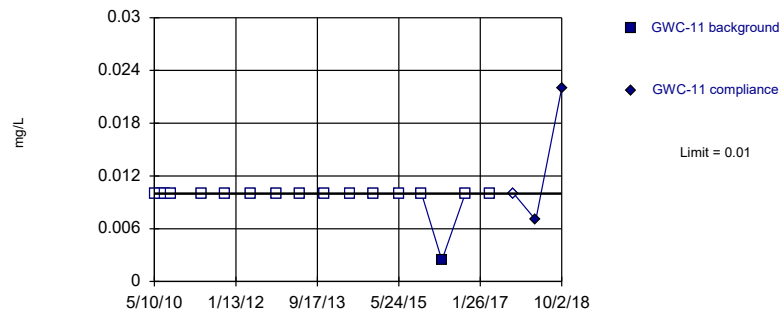


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

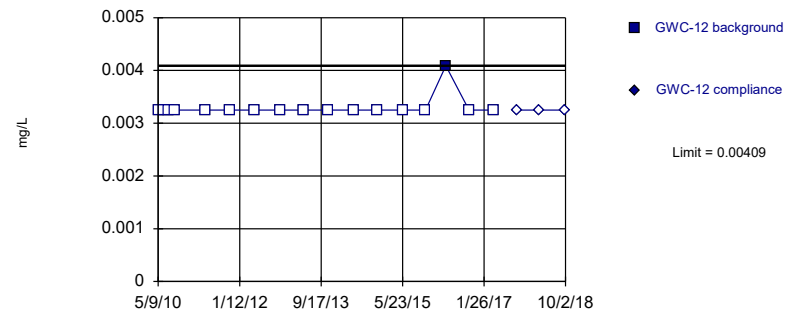


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

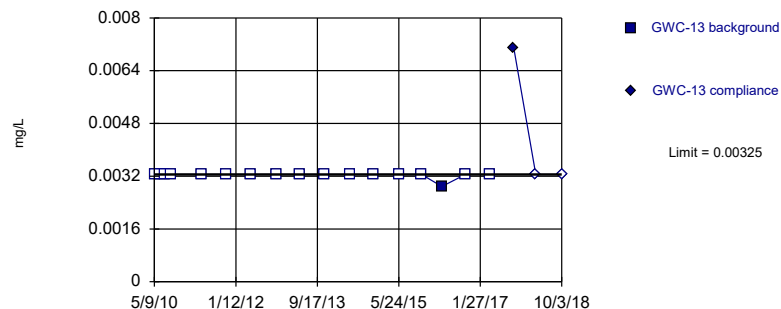


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

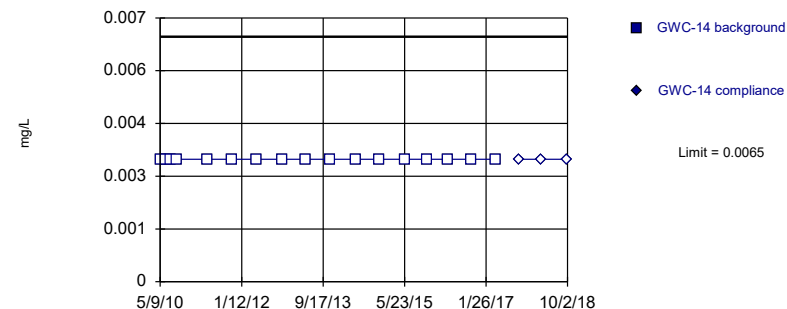


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

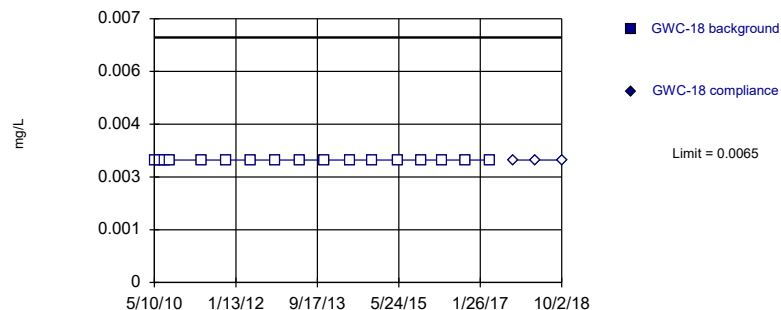


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

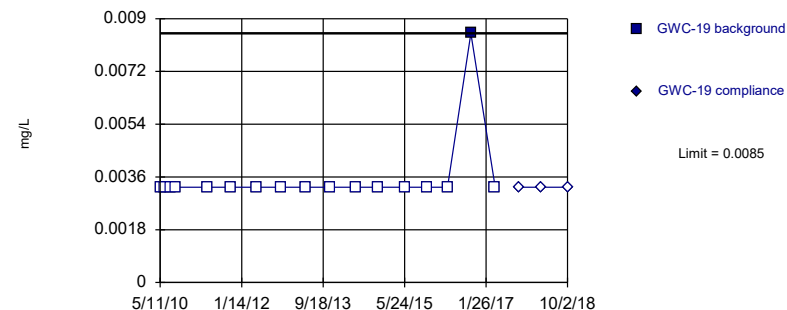


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

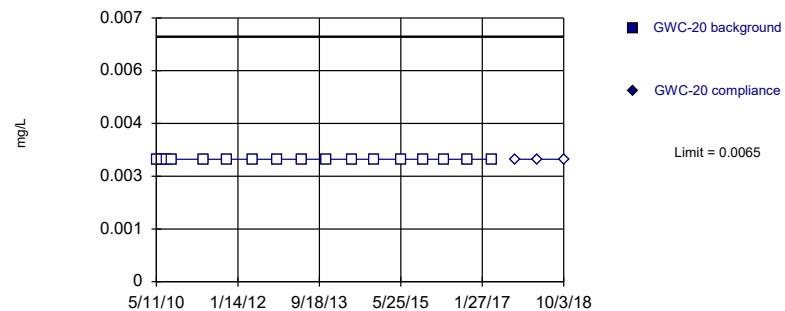


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

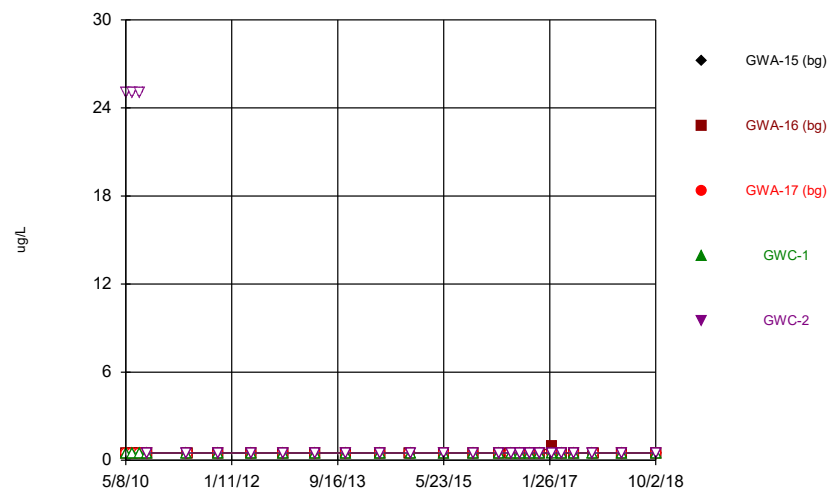
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

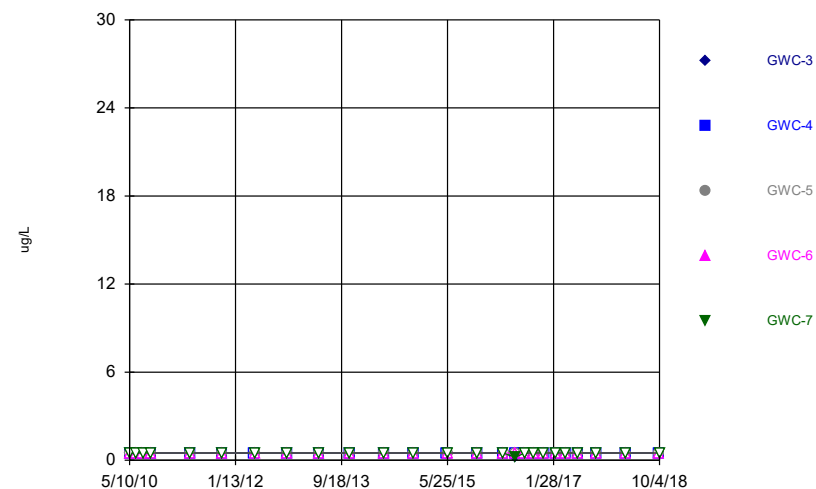
Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



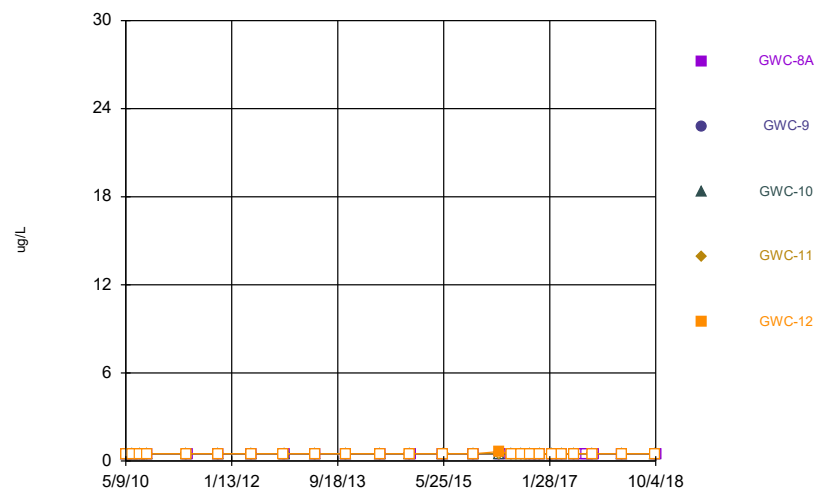
Constituent: Antimony, Total Analysis Run 12/13/2018 12:48 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



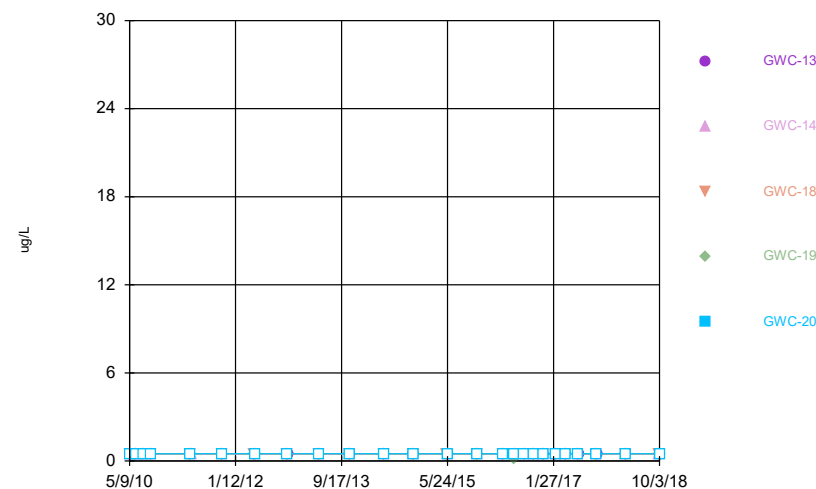
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



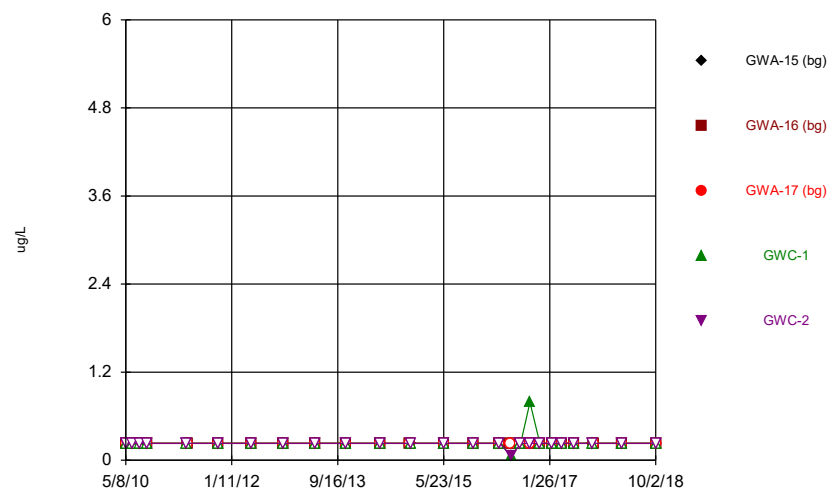
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



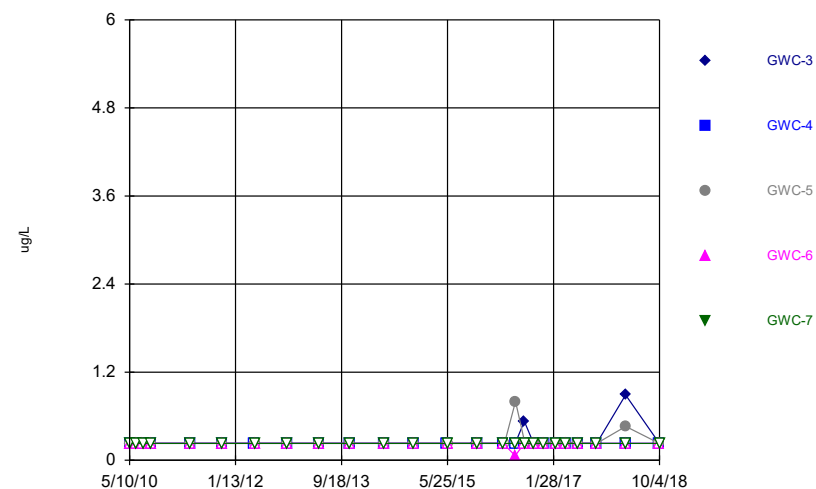
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Time Series



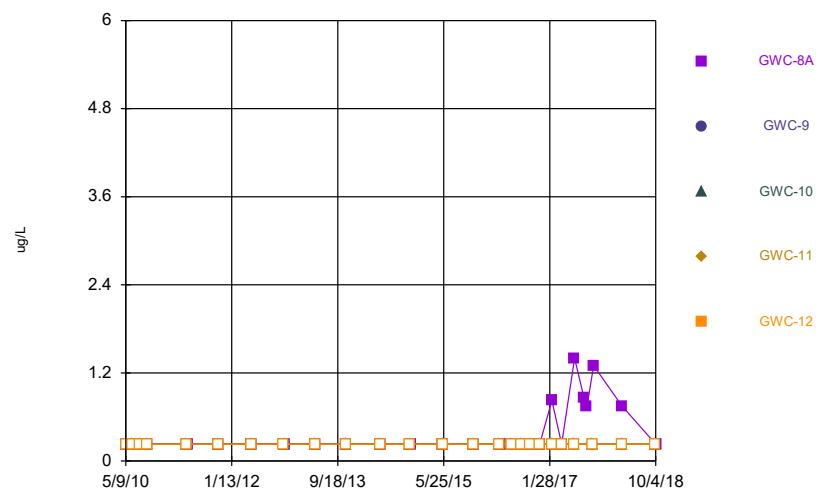
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Time Series



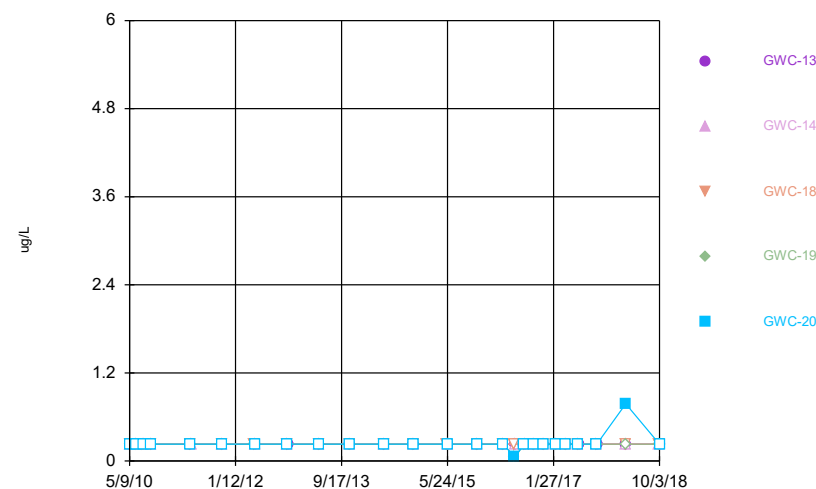
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



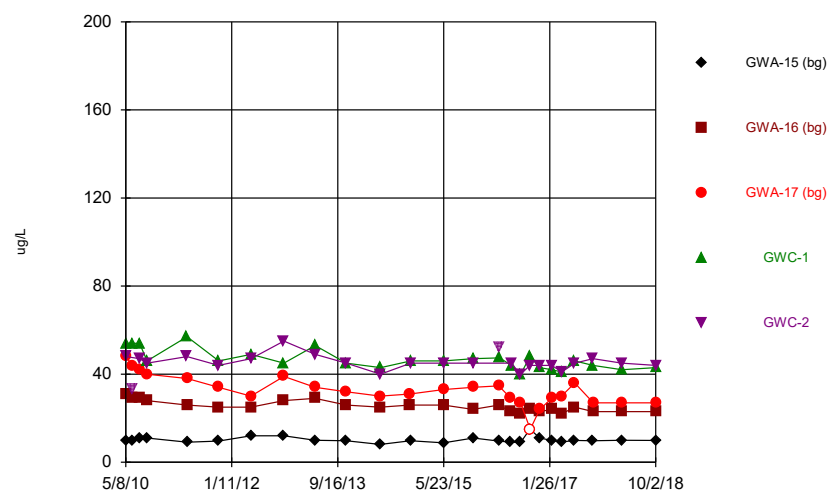
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



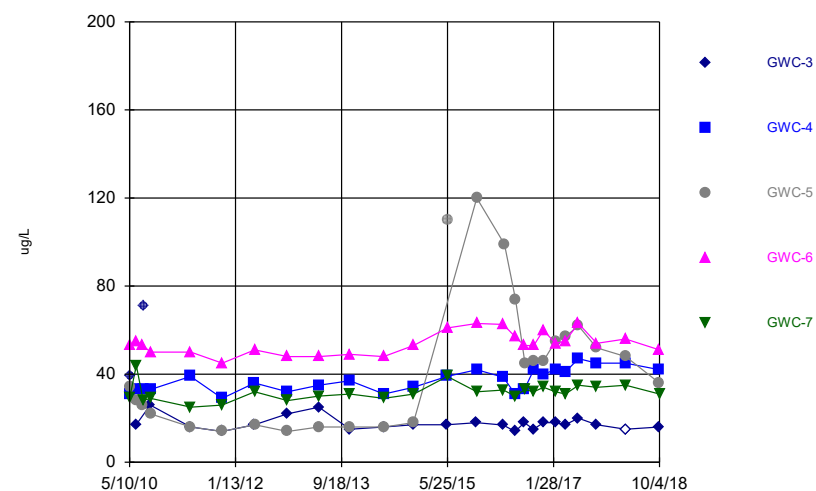
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



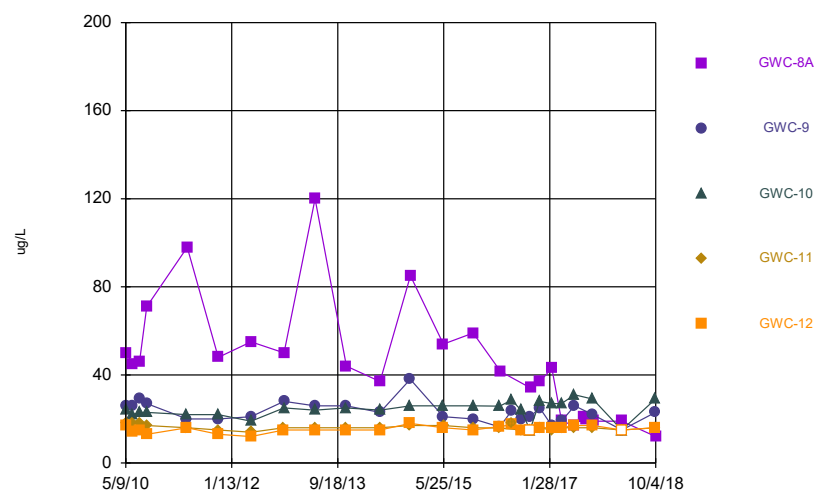
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



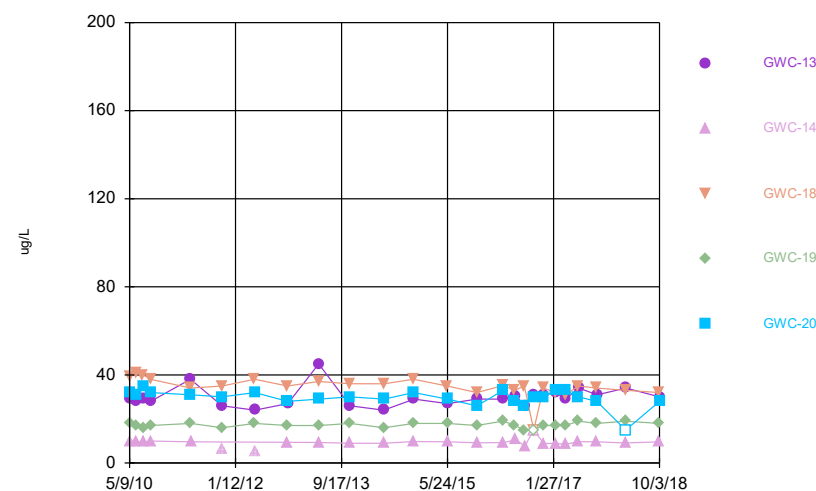
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



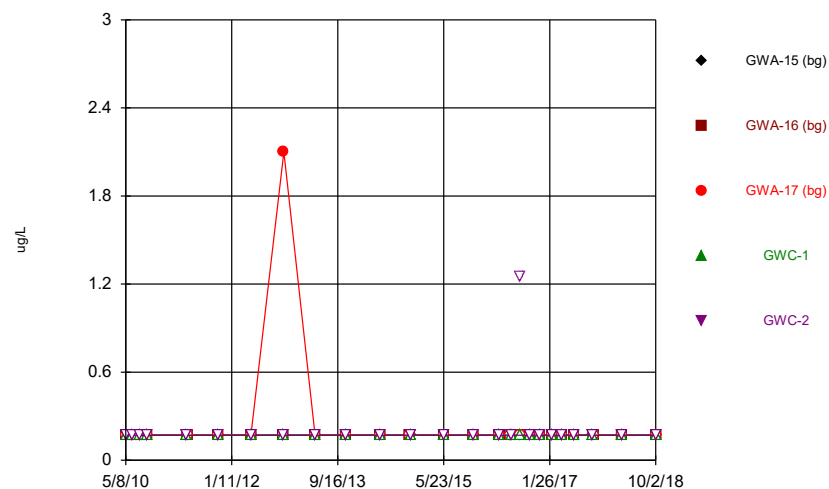
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



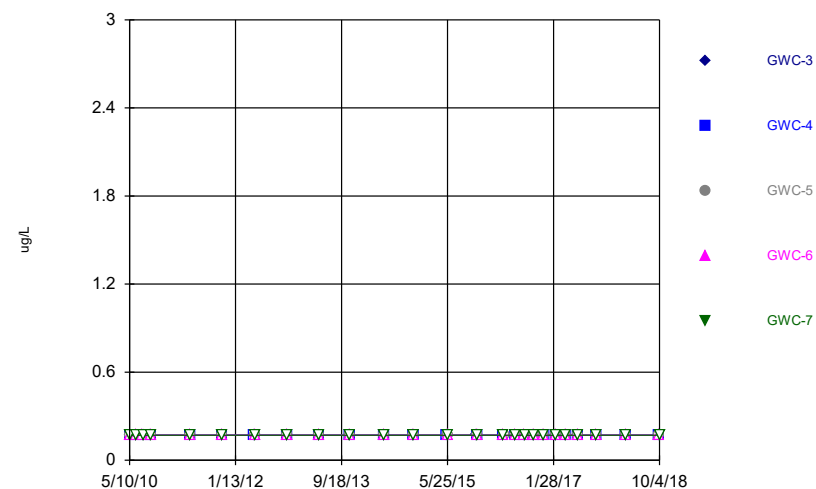
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



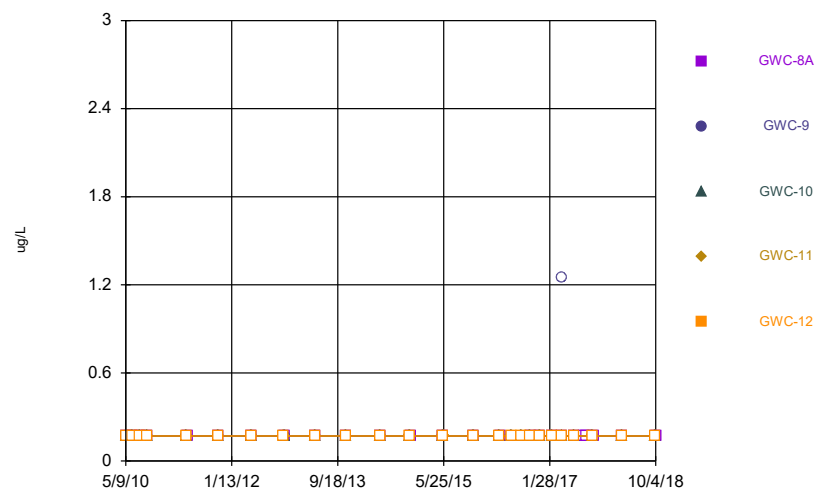
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



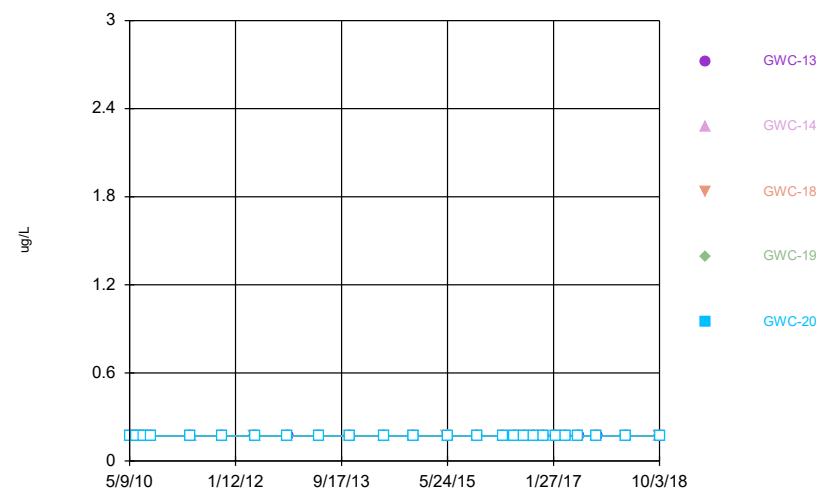
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



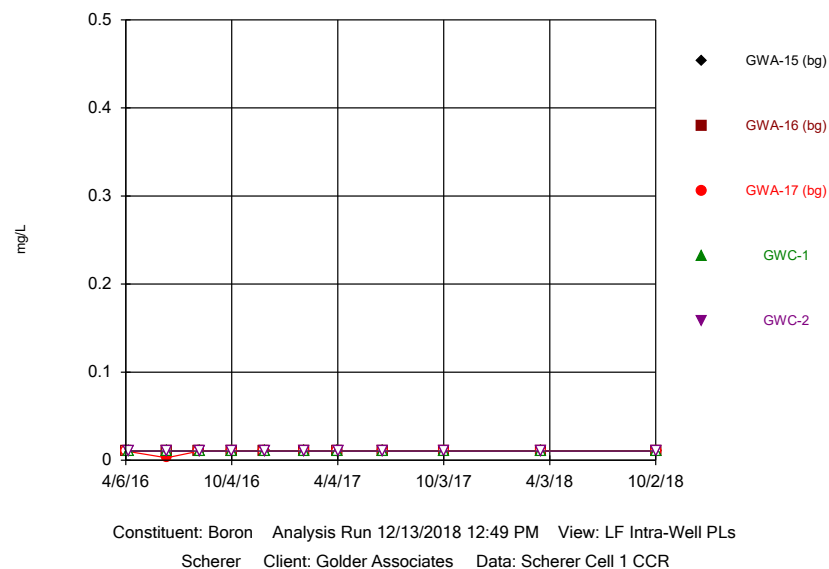
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

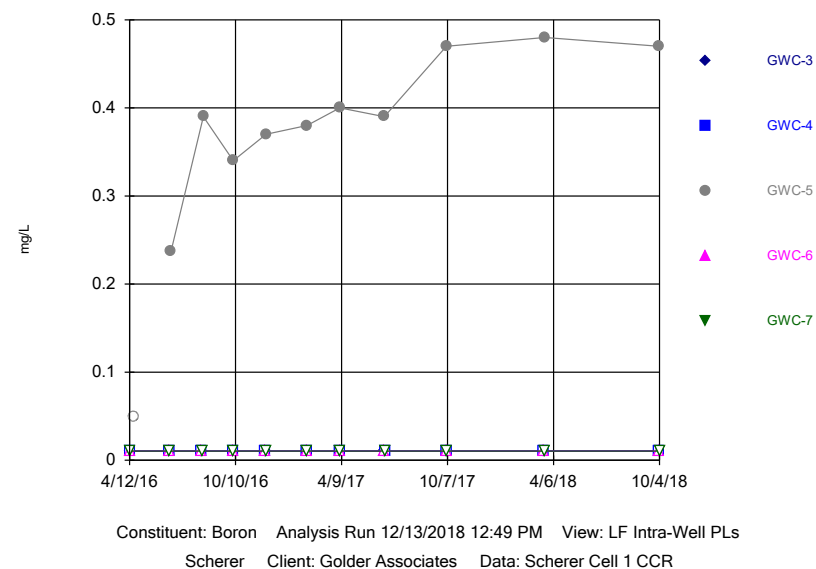


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

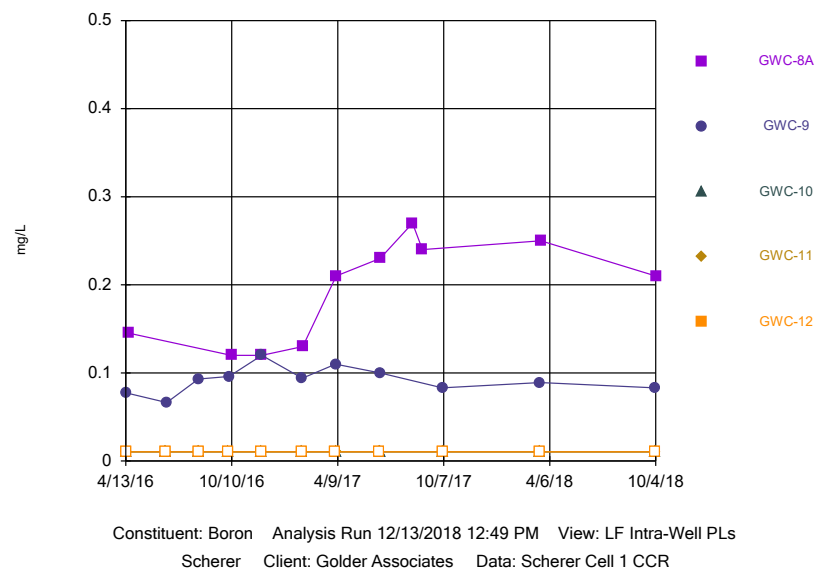
Time Series



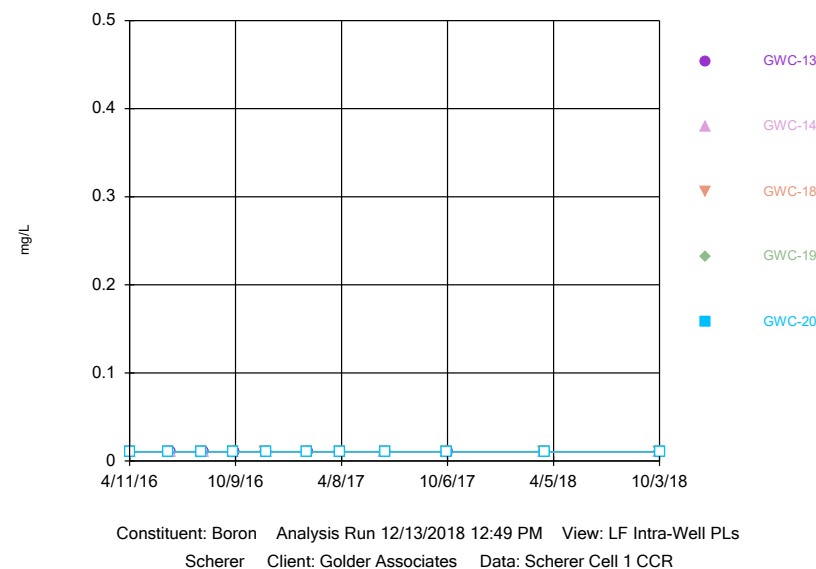
Time Series



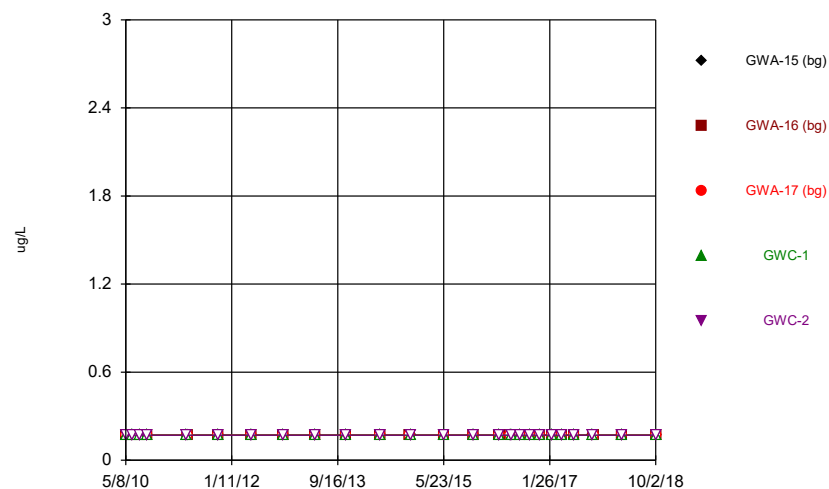
Time Series



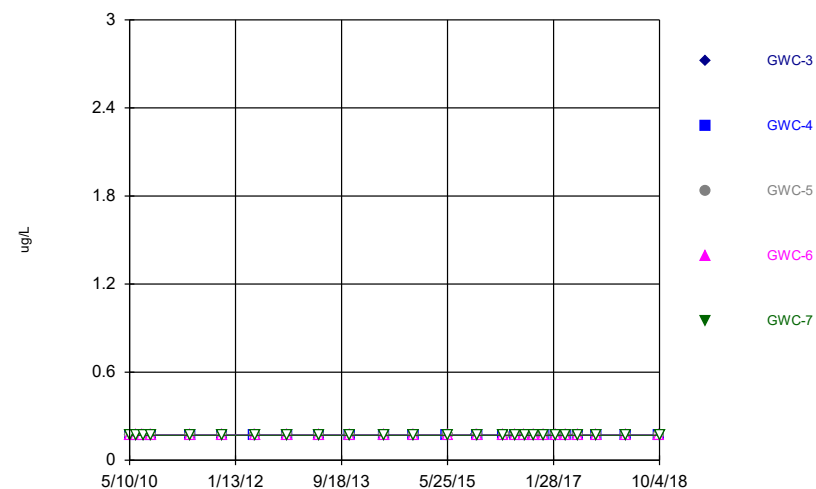
Time Series



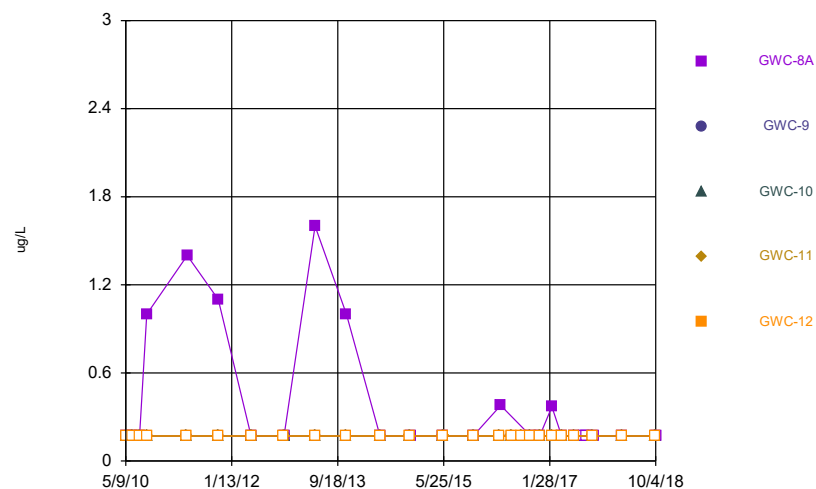
Time Series



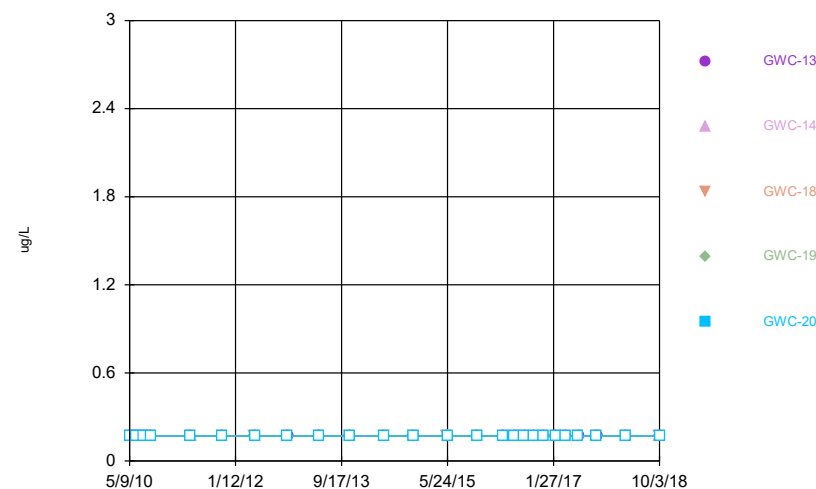
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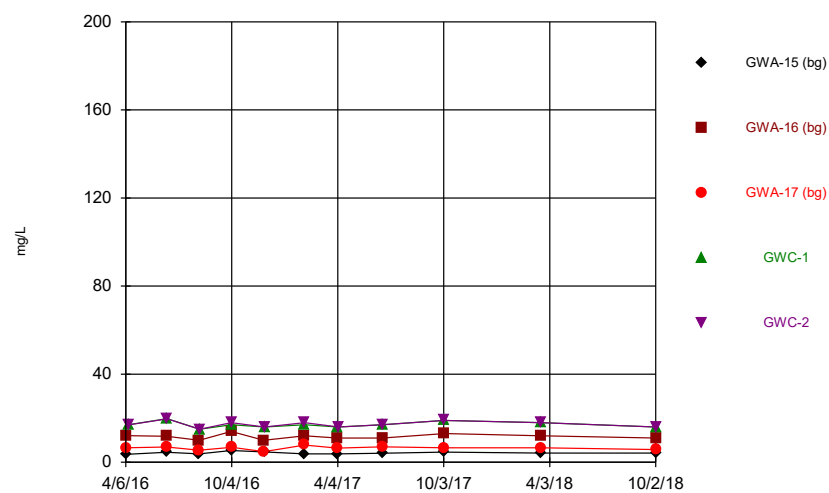
Time Series



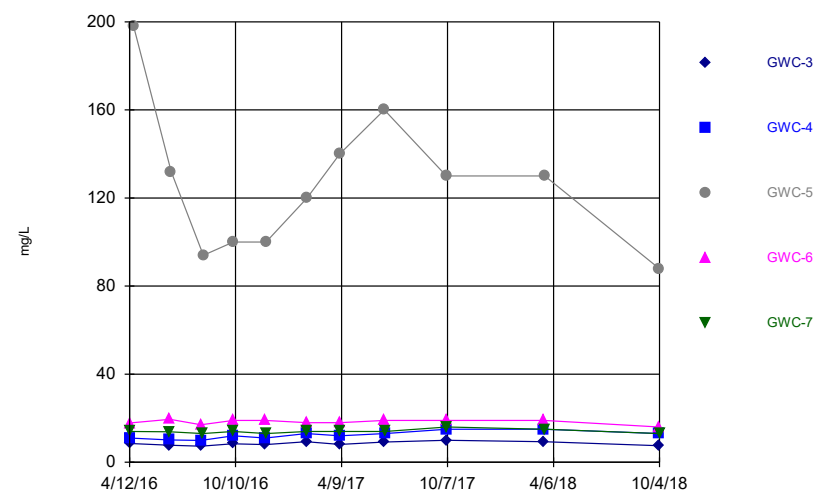
Time Series



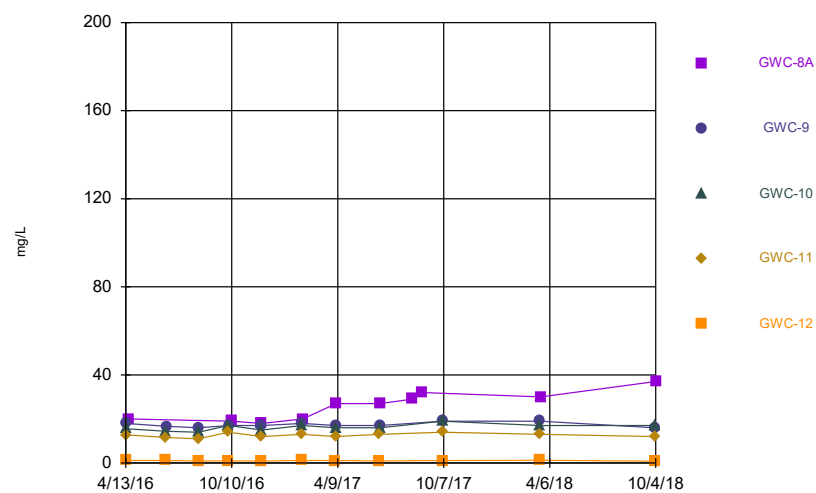
Time Series



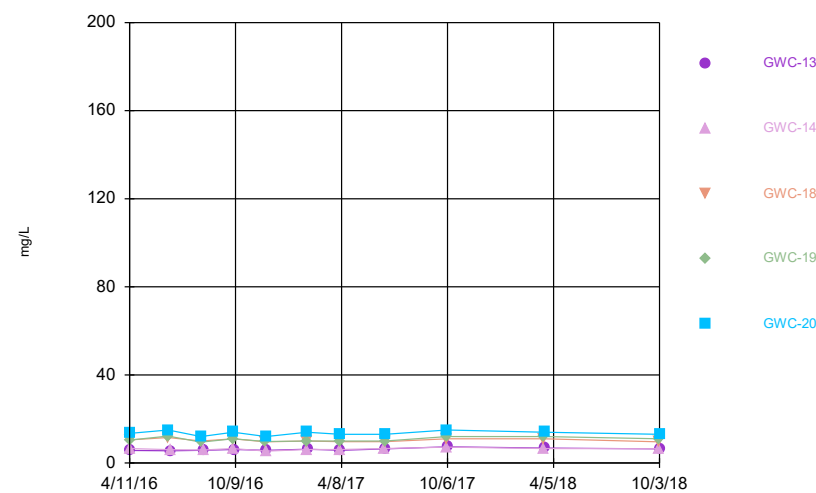
Time Series



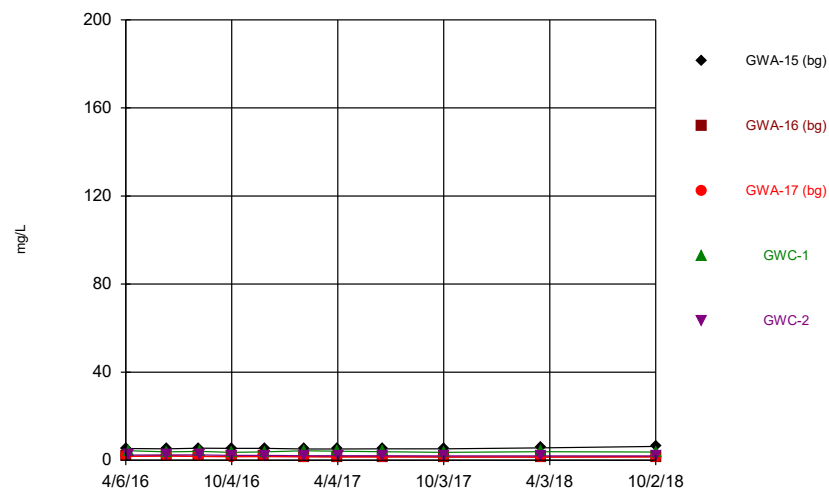
Time Series



Time Series

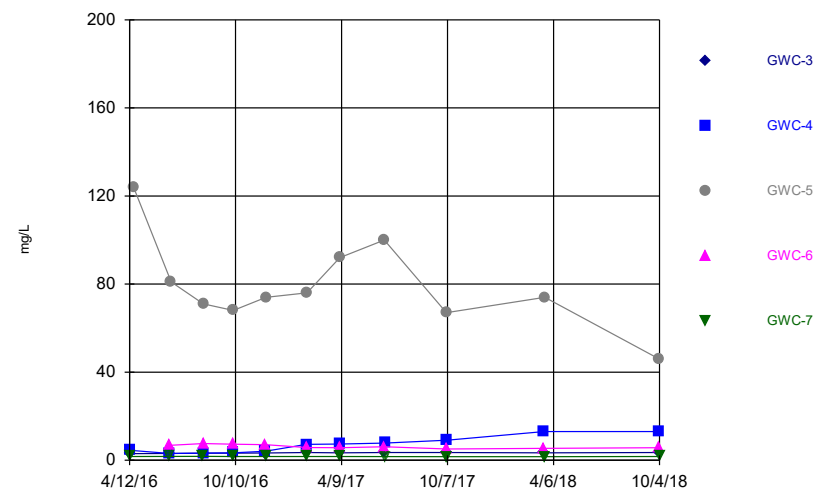


Time Series



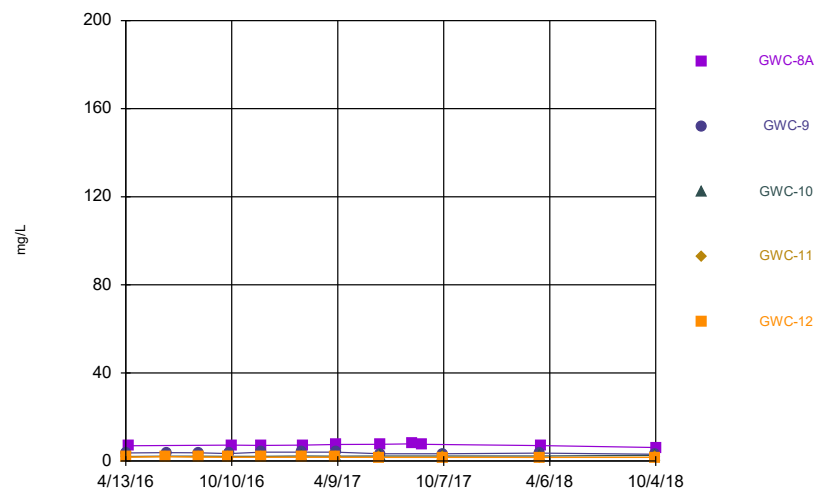
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



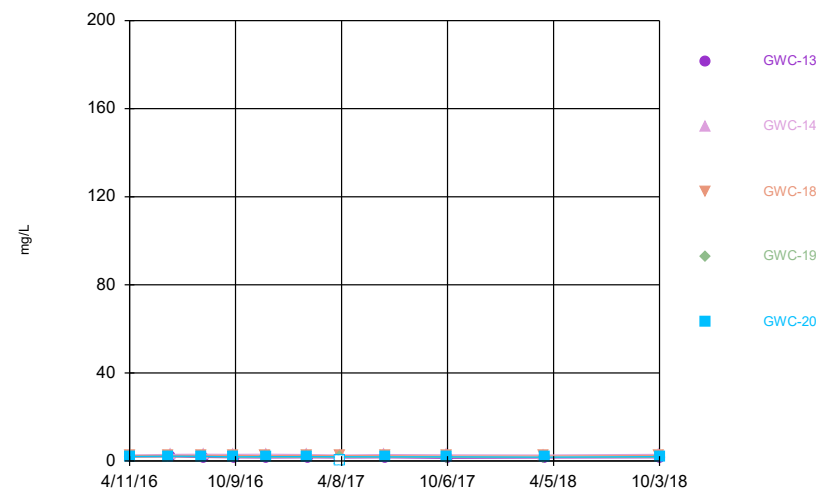
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



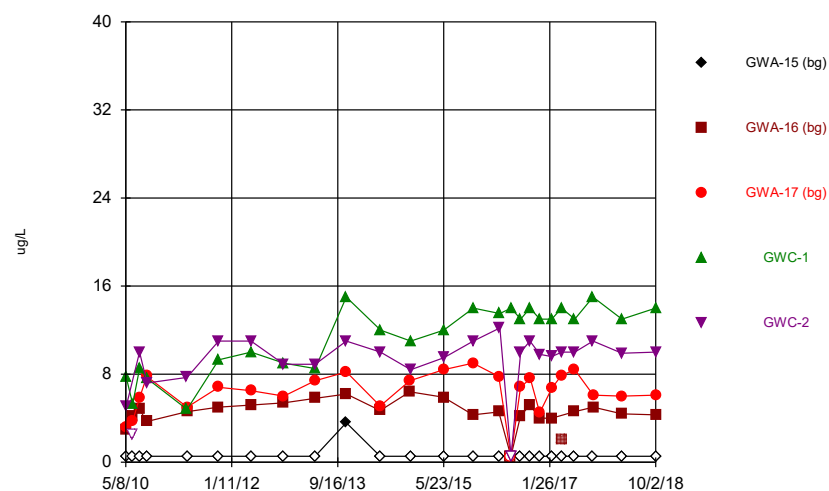
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

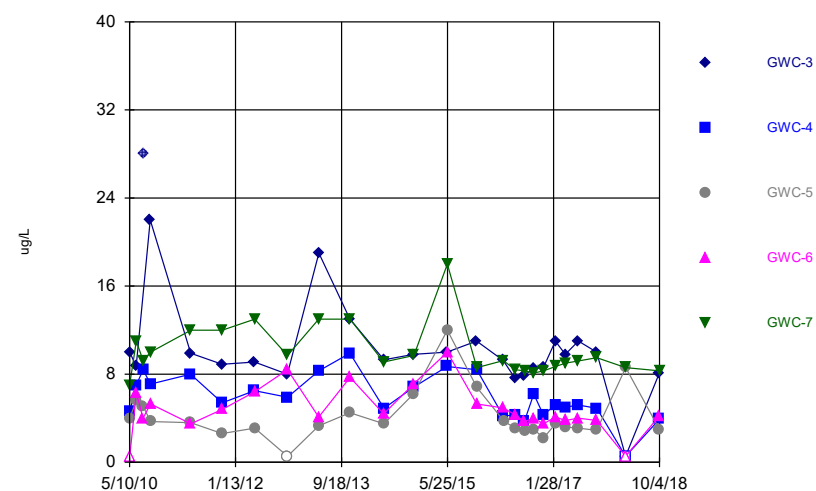


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

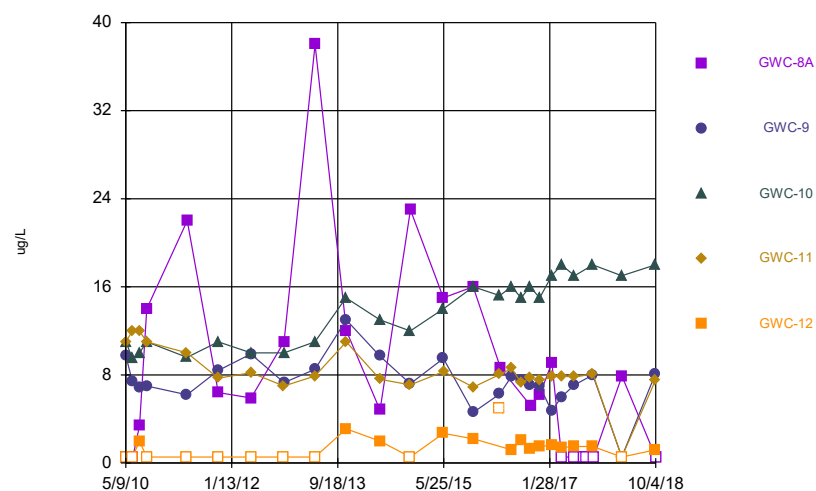
Time Series



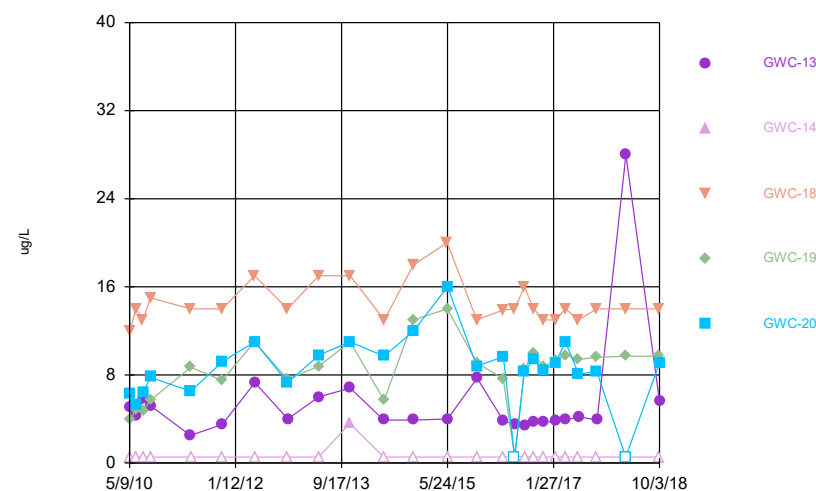
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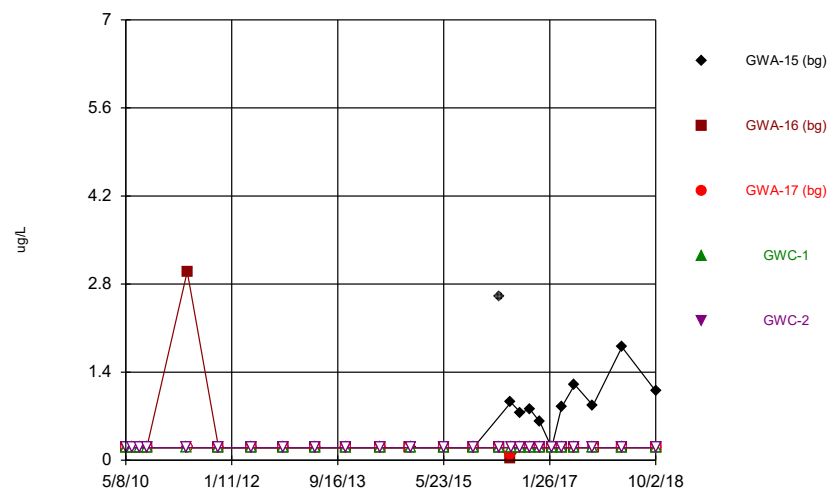
Time Series



Time Series

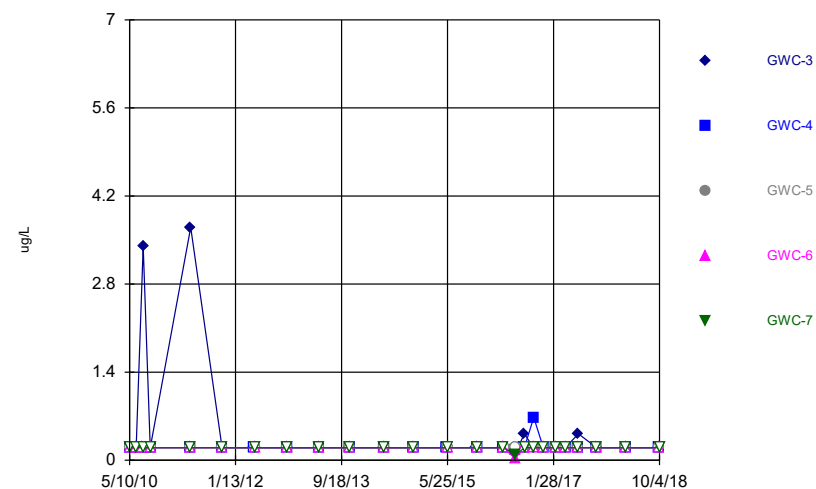


Time Series



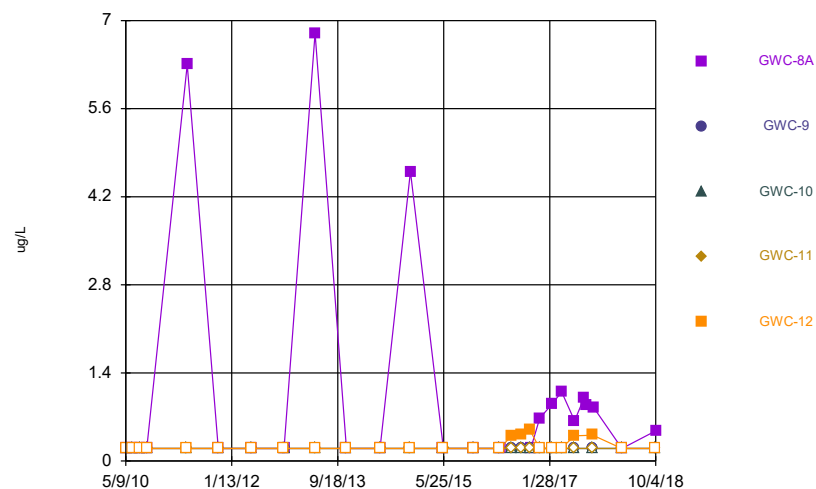
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



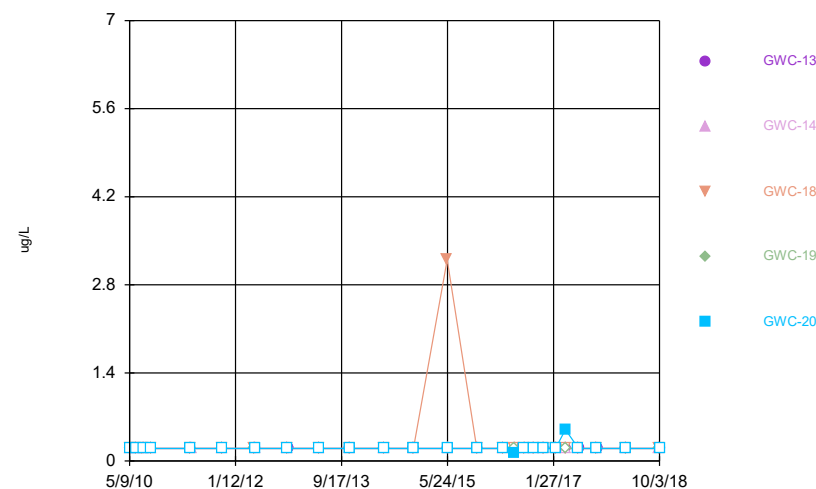
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



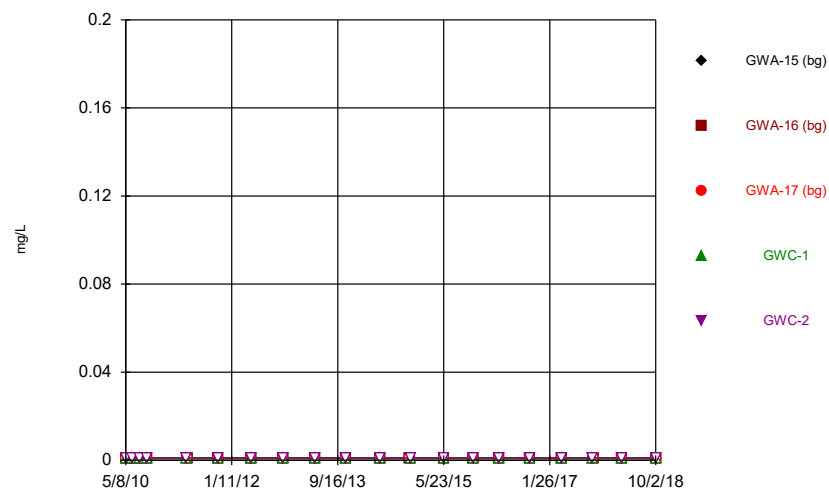
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

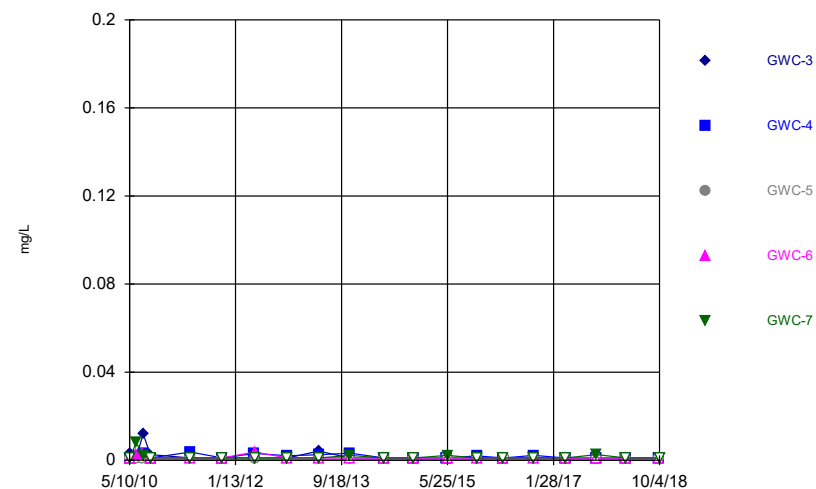


Constituent: Cobalt, Total Analysis Run 12/13/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

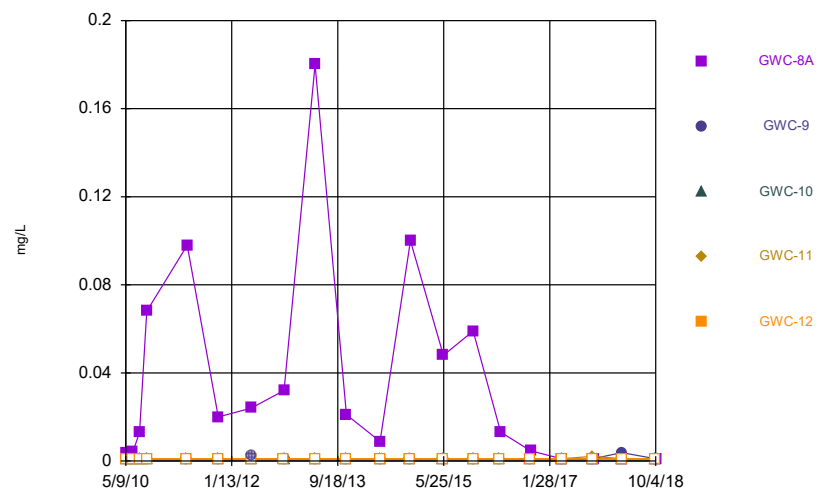
Time Series



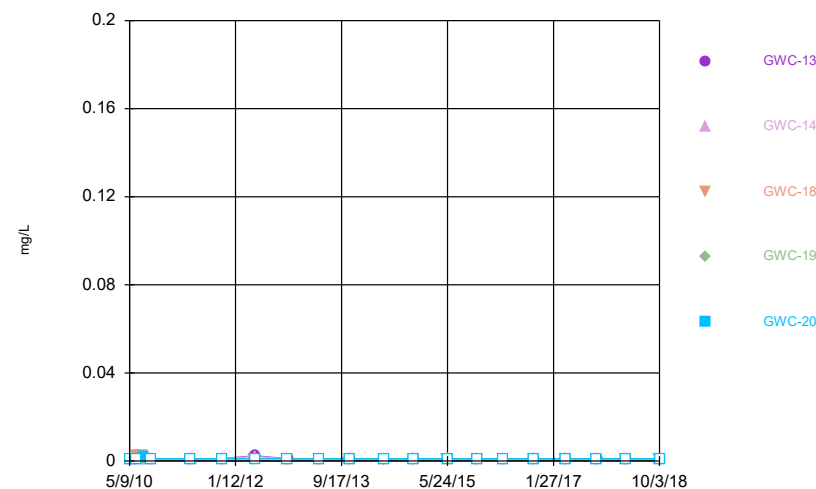
Time Series



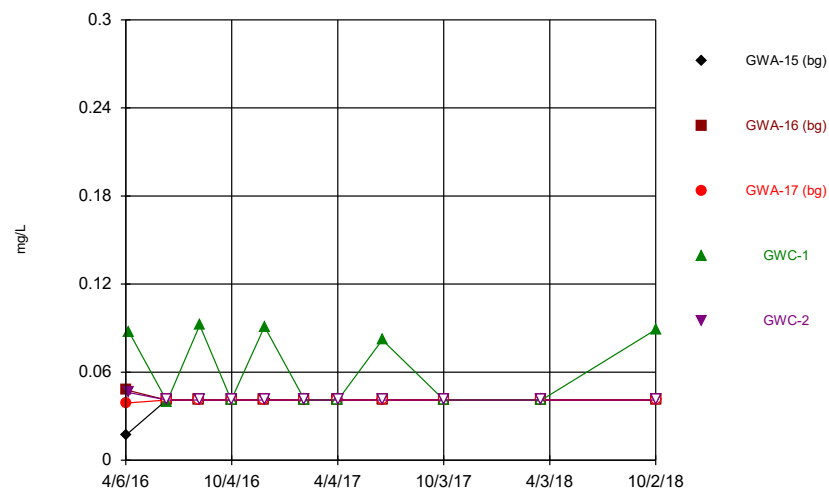
Time Series



Time Series

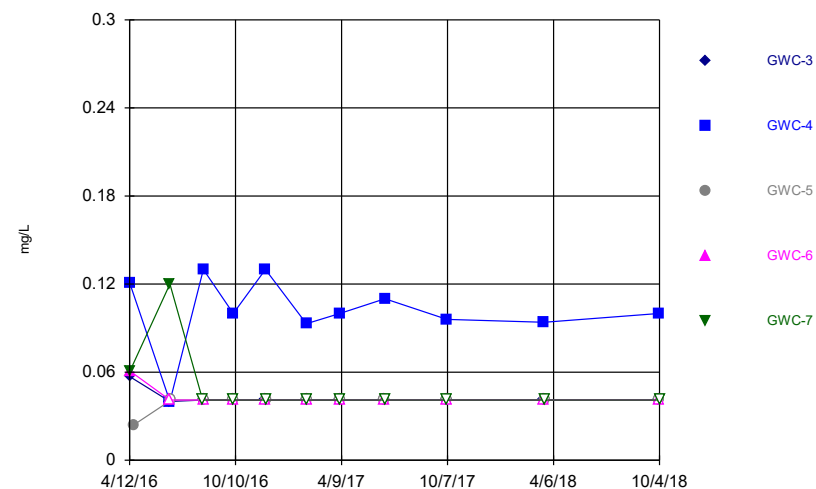


Time Series



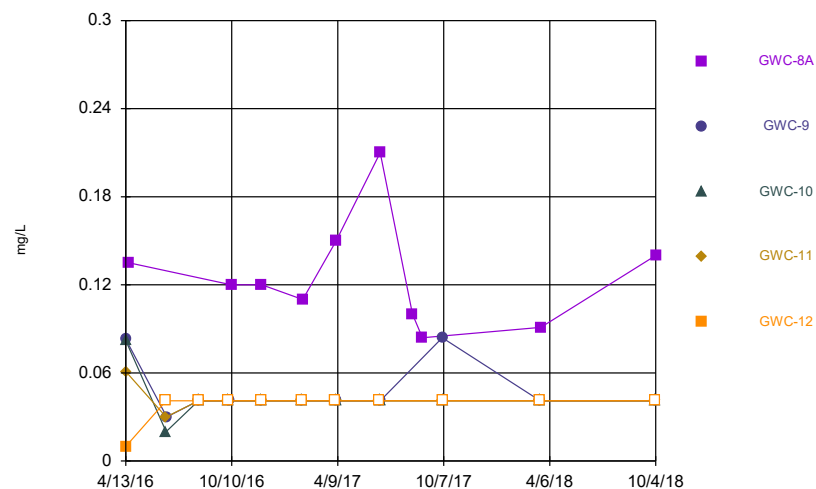
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



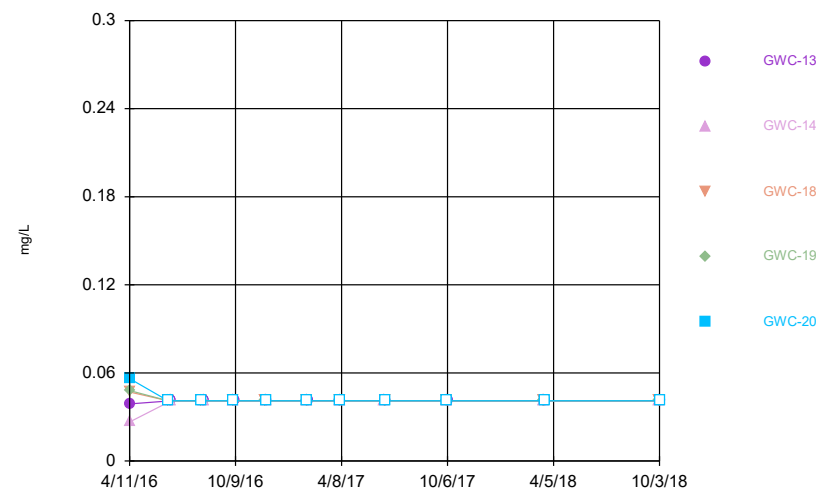
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Time Series



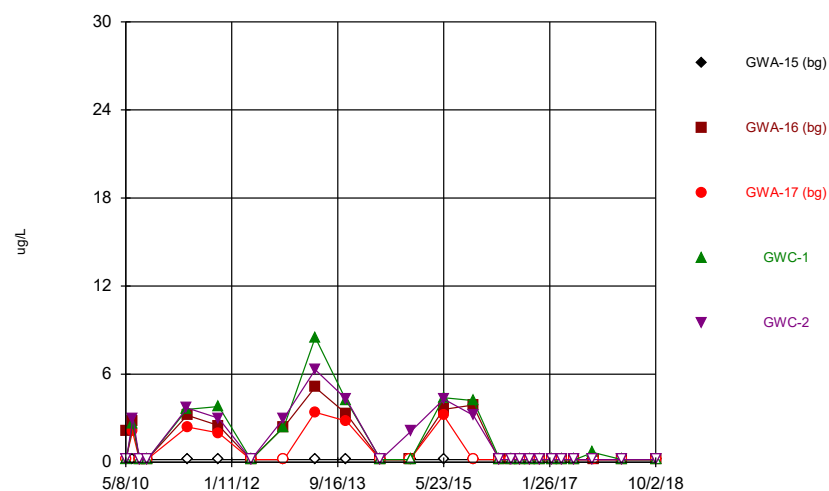
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



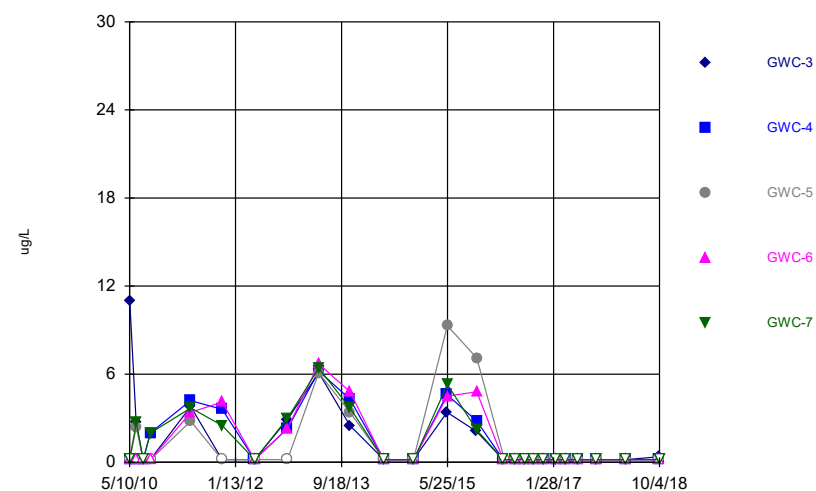
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



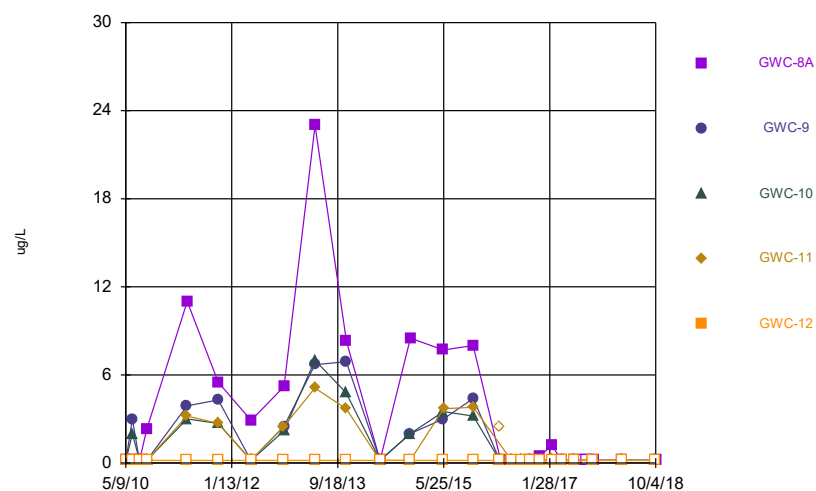
Constituent: Lead, Total Analysis Run 12/13/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



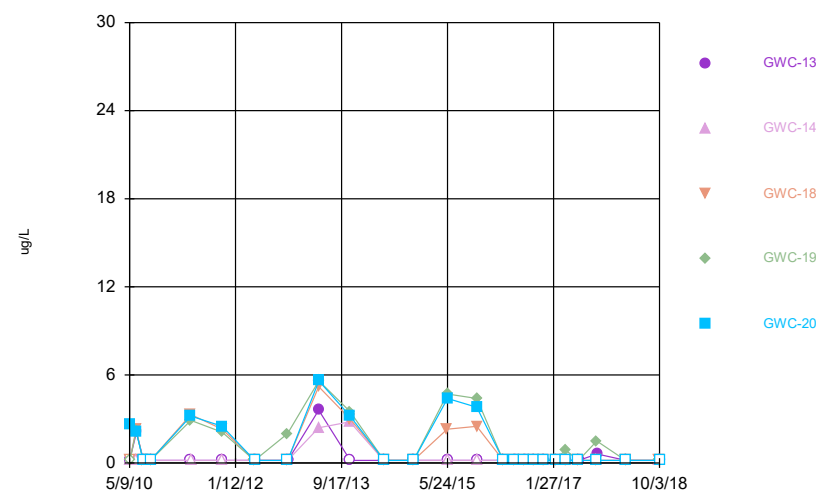
Constituent: Lead, Total Analysis Run 12/13/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



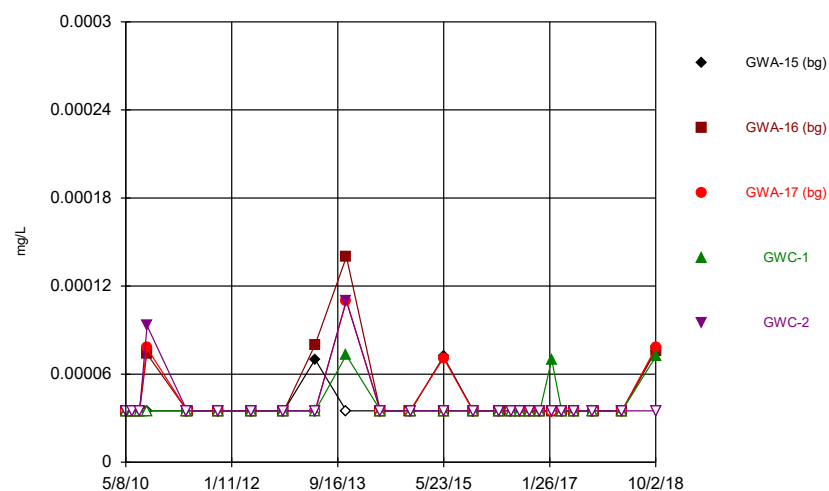
Constituent: Lead, Total Analysis Run 12/13/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



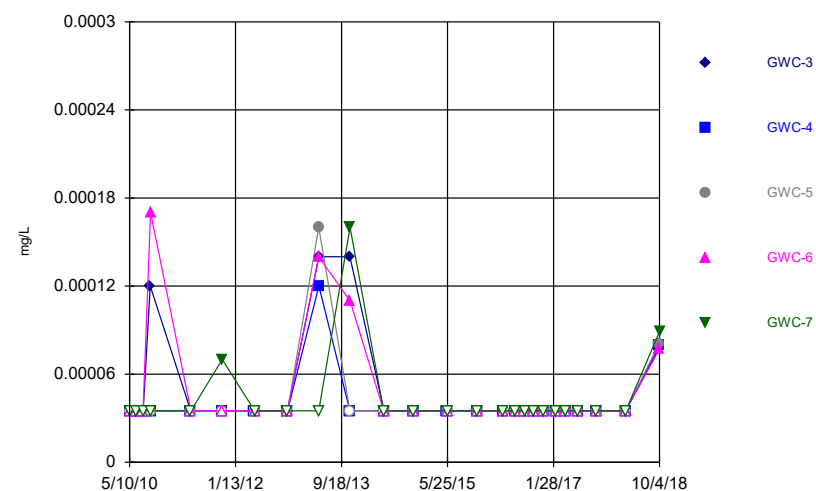
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



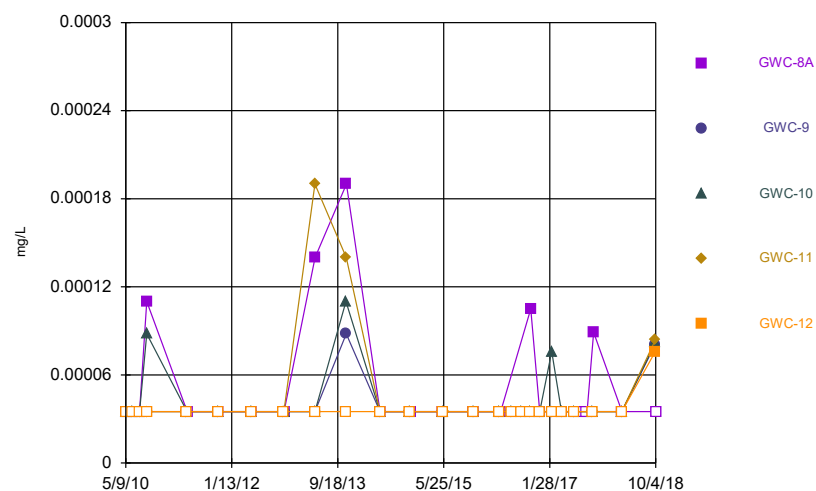
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



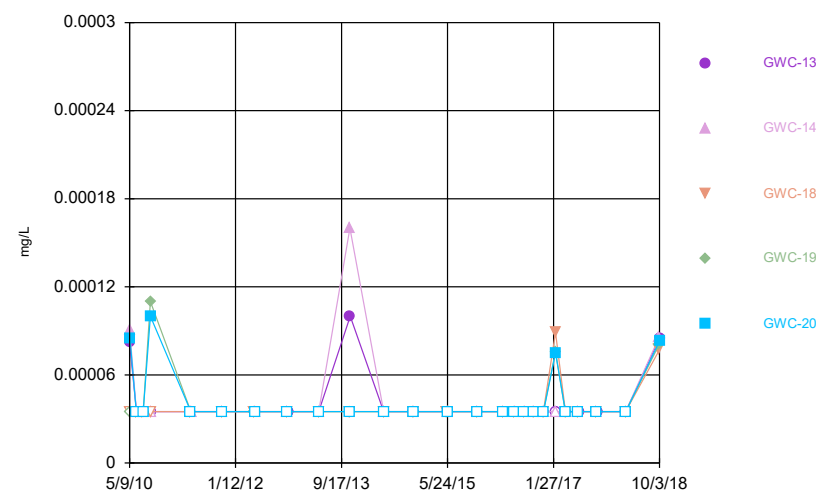
Constituent: Mercury Analysis Run 12/13/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



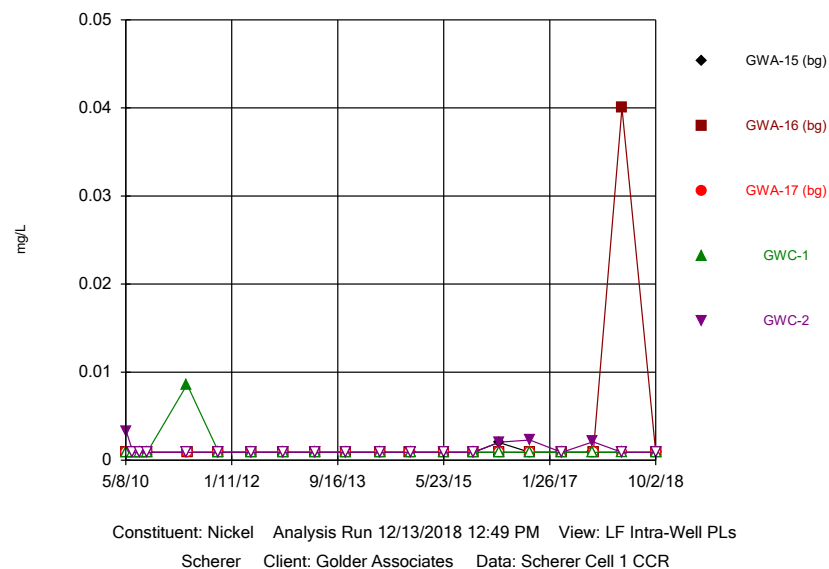
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

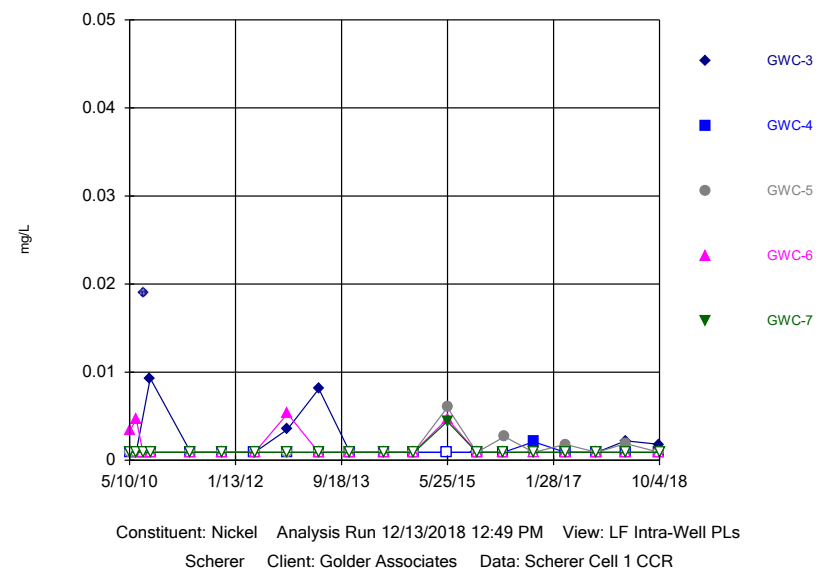


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

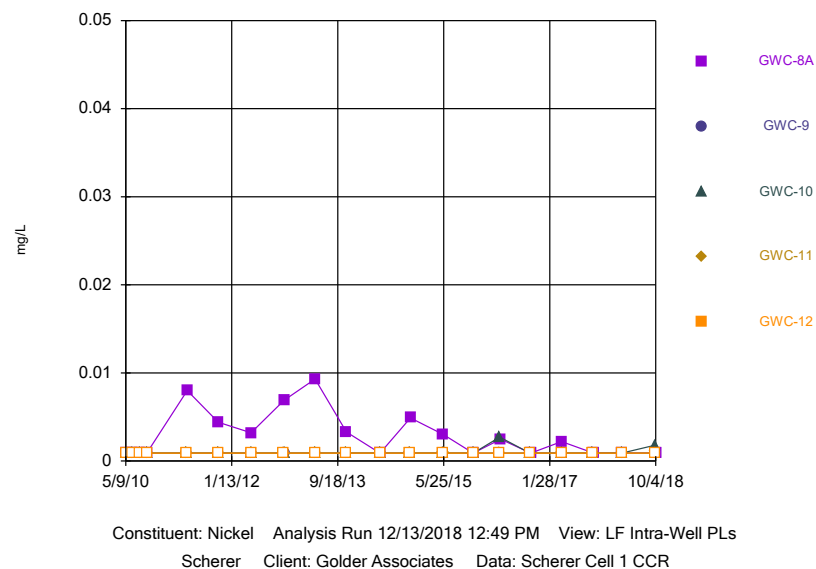
Time Series



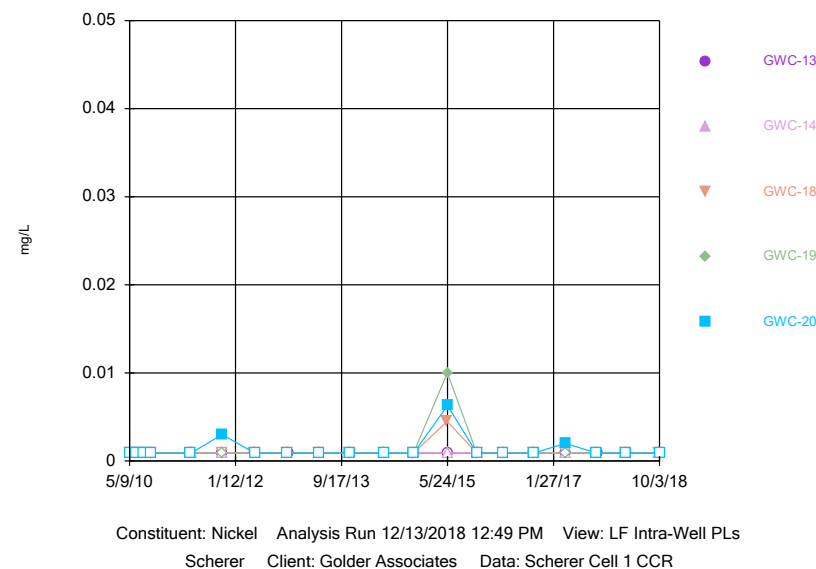
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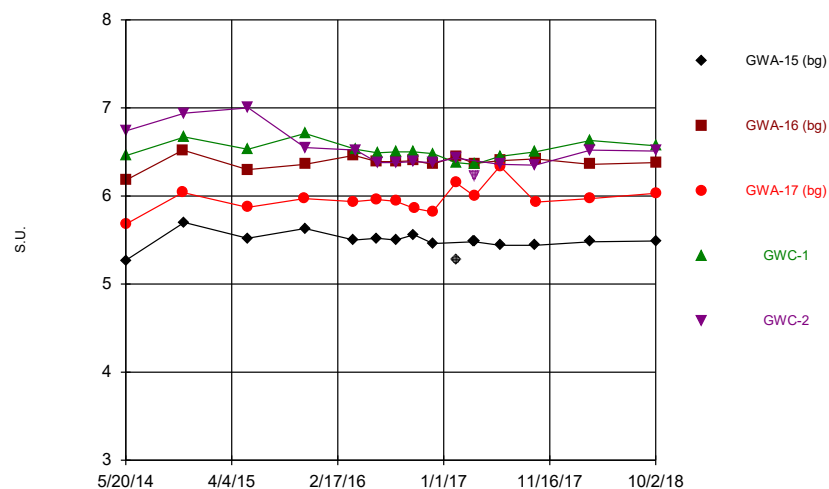
Time Series



Time Series

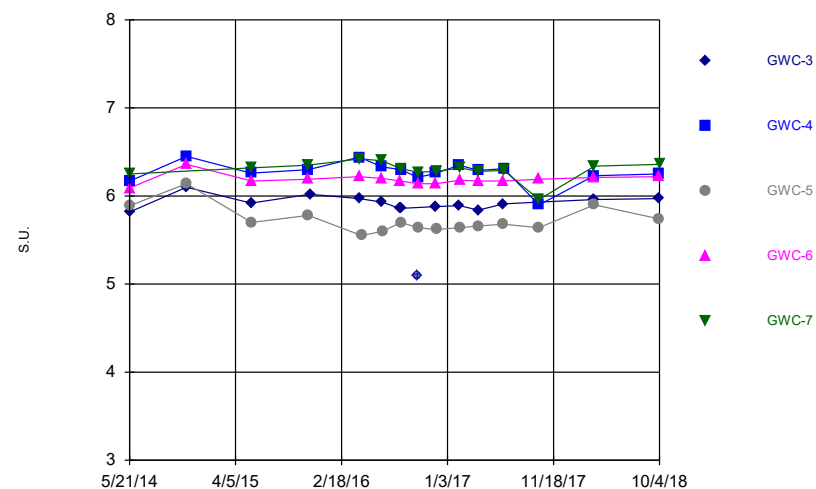


Time Series



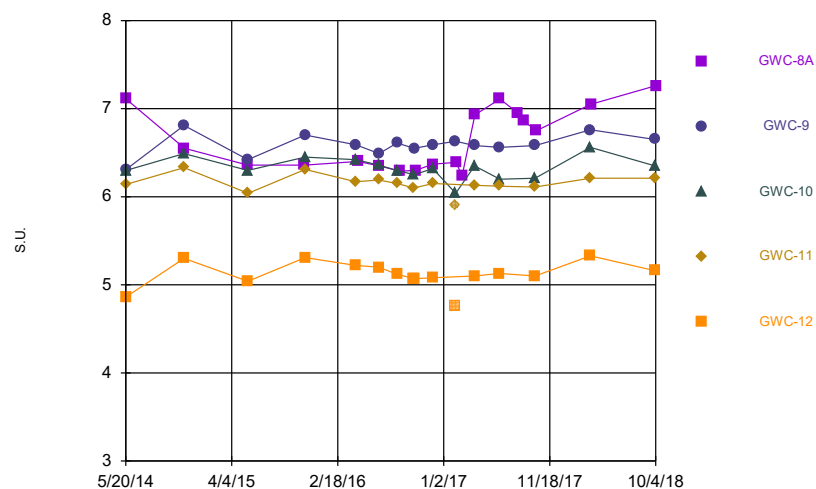
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



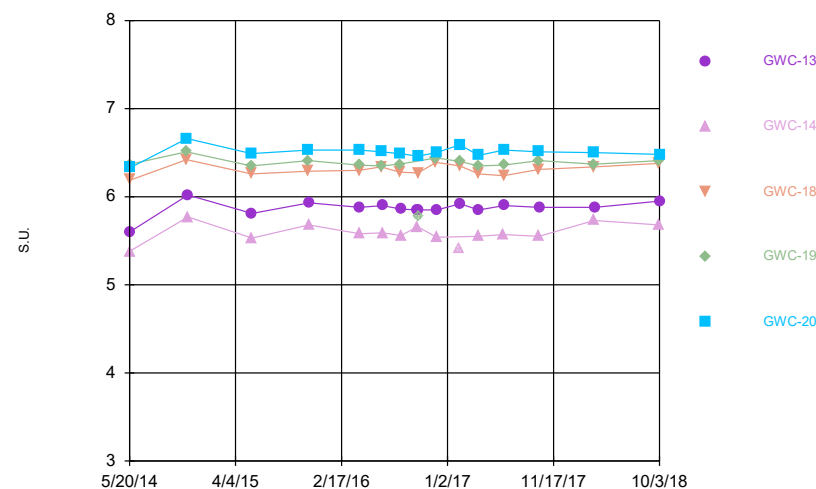
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



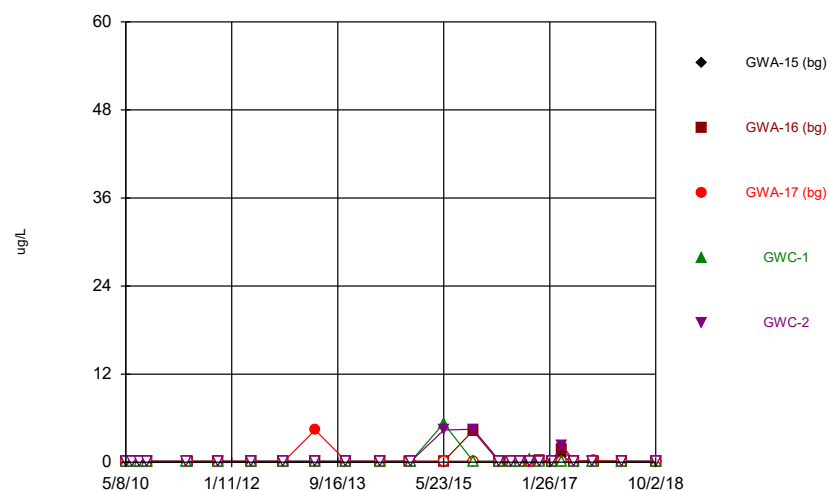
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series

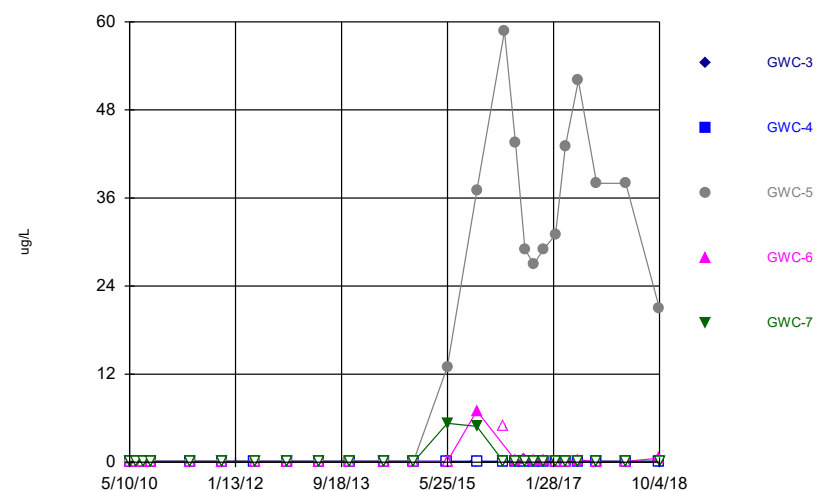


Constituent: pH Analysis Run 12/13/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

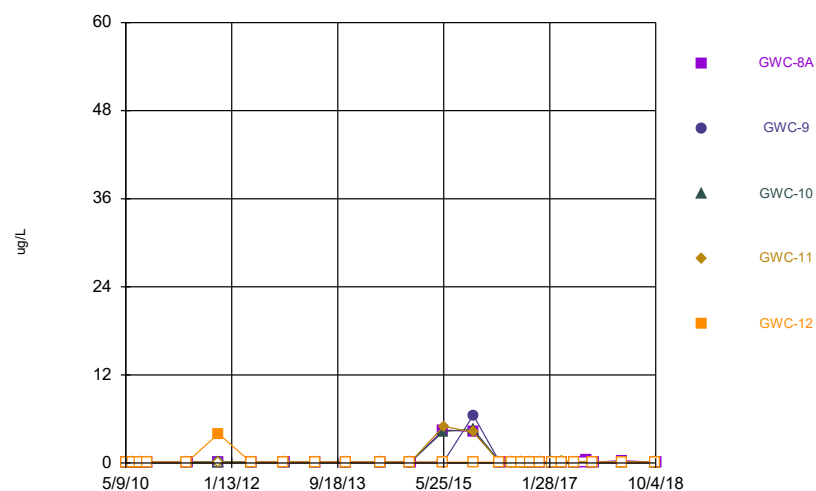
Time Series



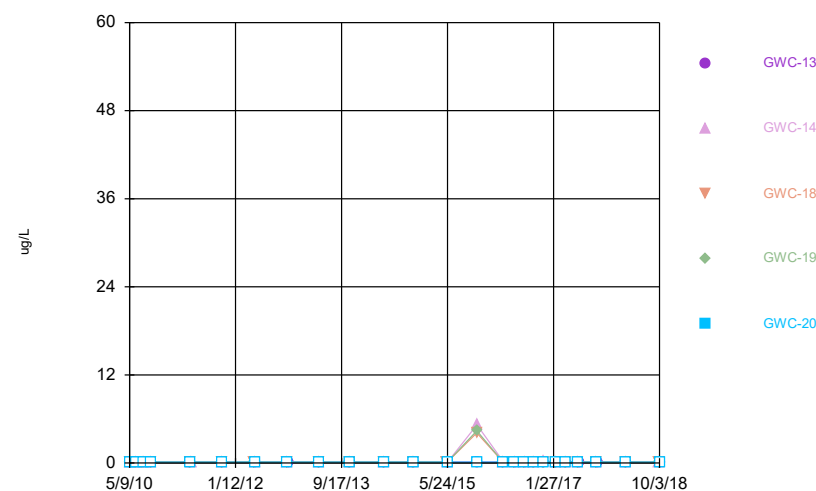
Time Series



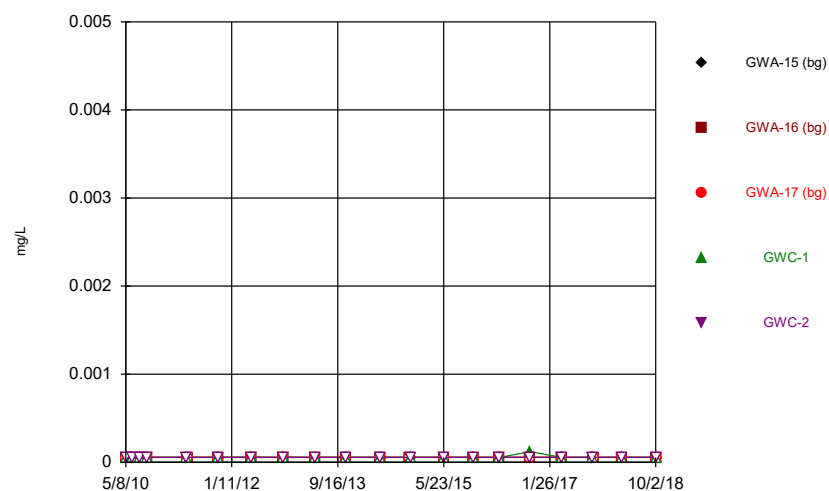
Time Series



Time Series

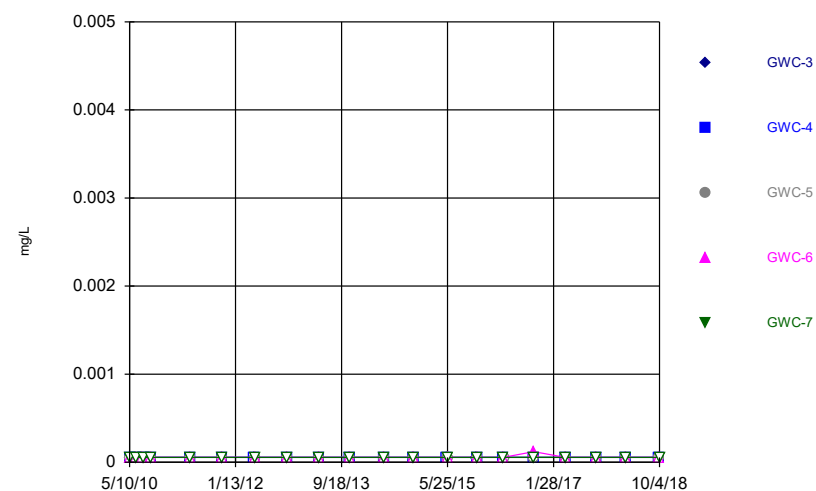


Time Series



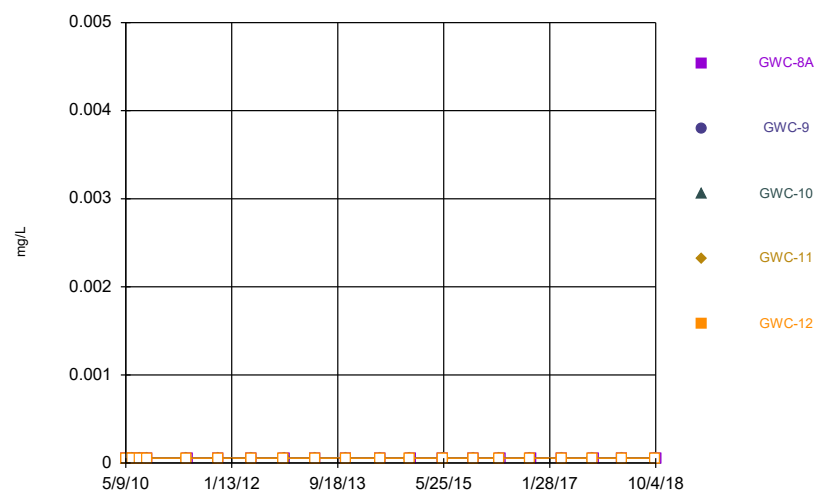
Constituent: Silver Analysis Run 12/13/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



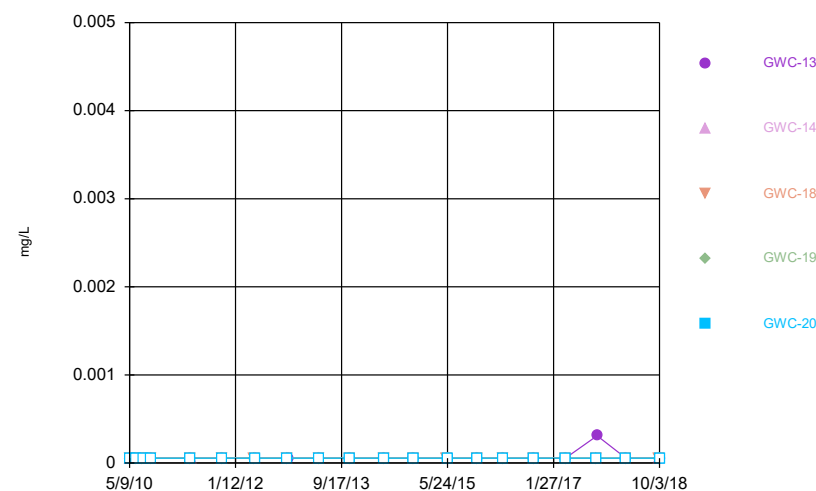
Constituent: Silver Analysis Run 12/13/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



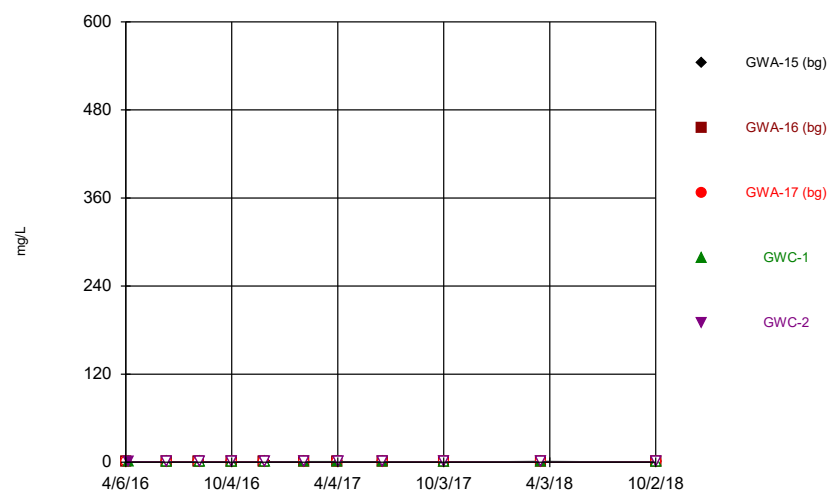
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Time Series

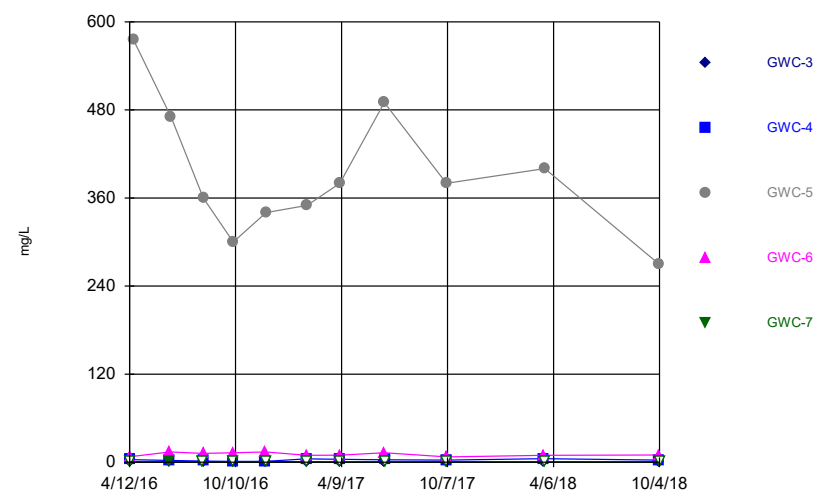


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

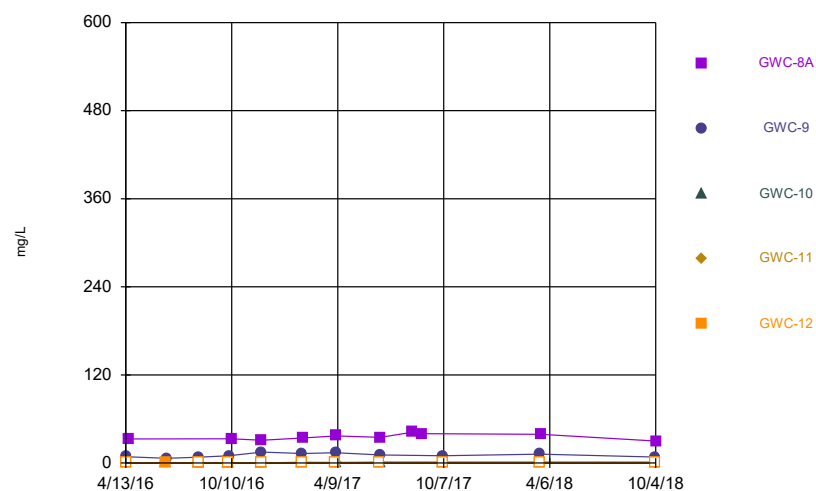
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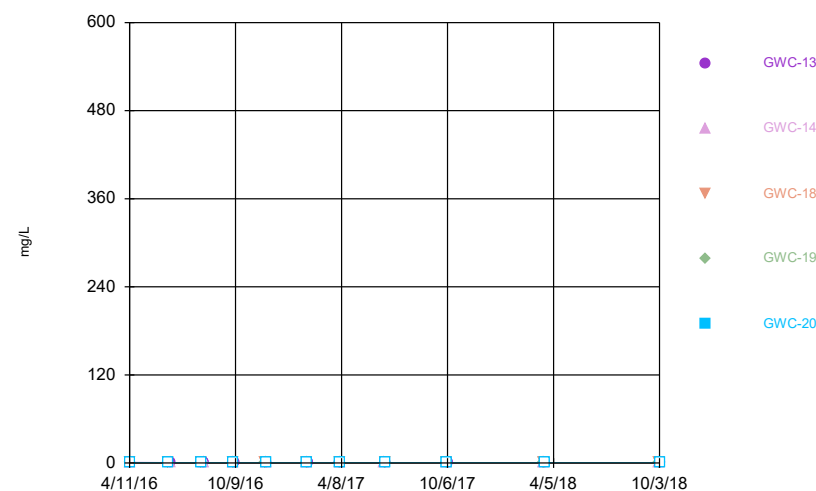
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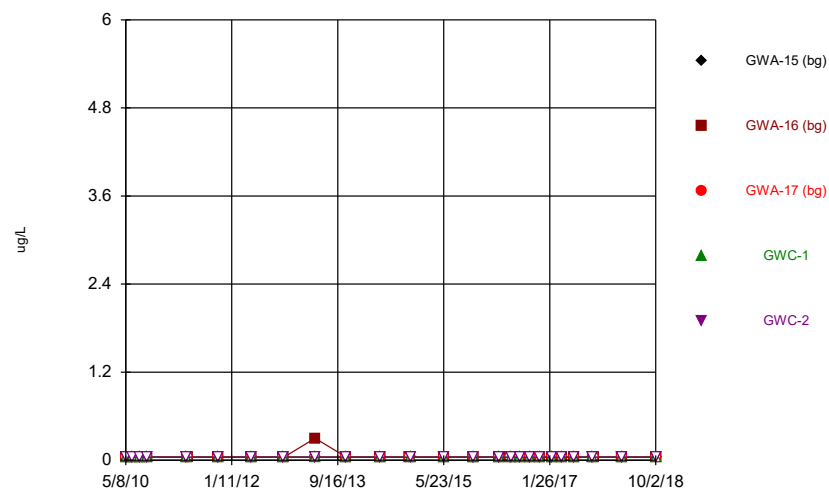
Time Series



Time Series

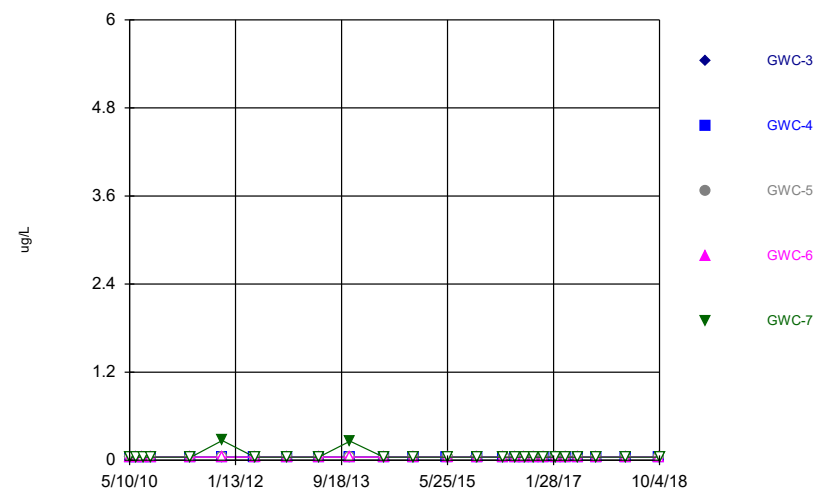


Time Series



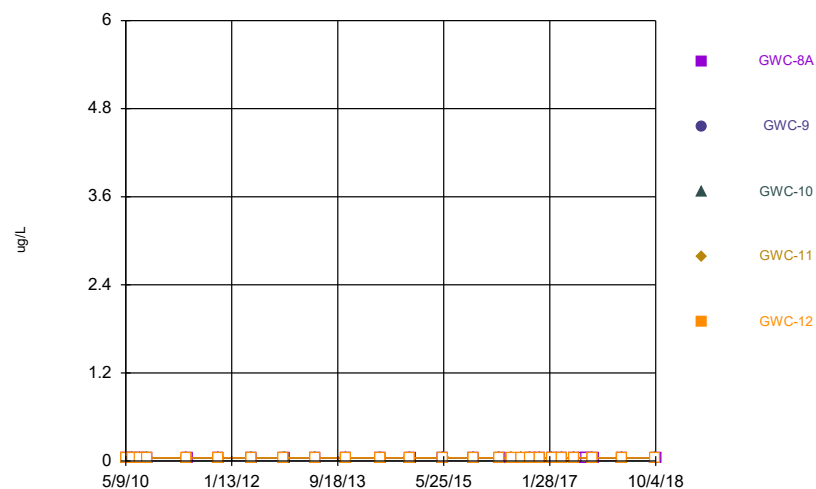
Constituent: Thallium, Total Analysis Run 12/13/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



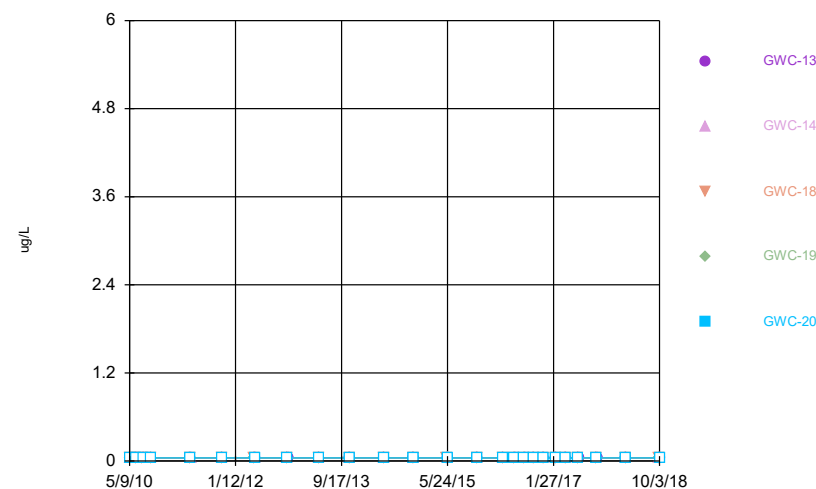
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Time Series



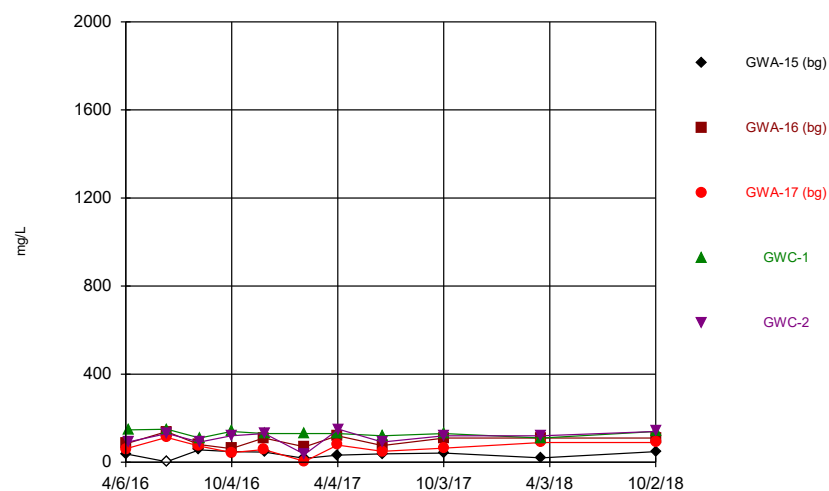
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



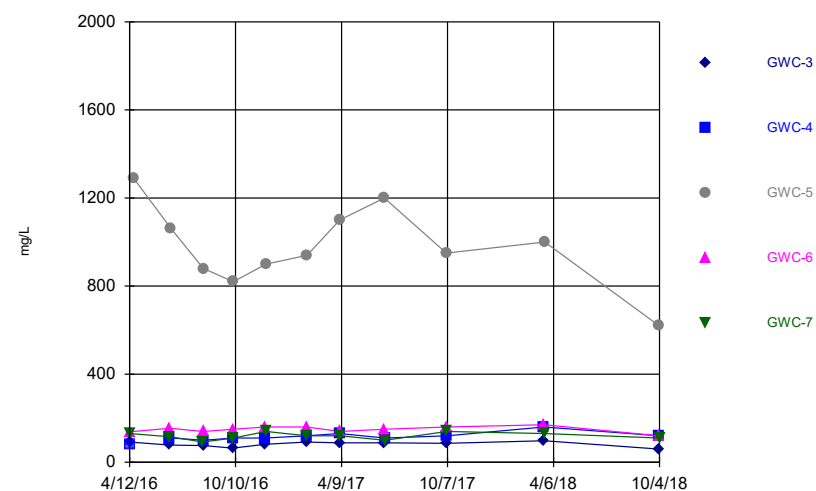
Constituent: Thallium, Total Analysis Run 12/13/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



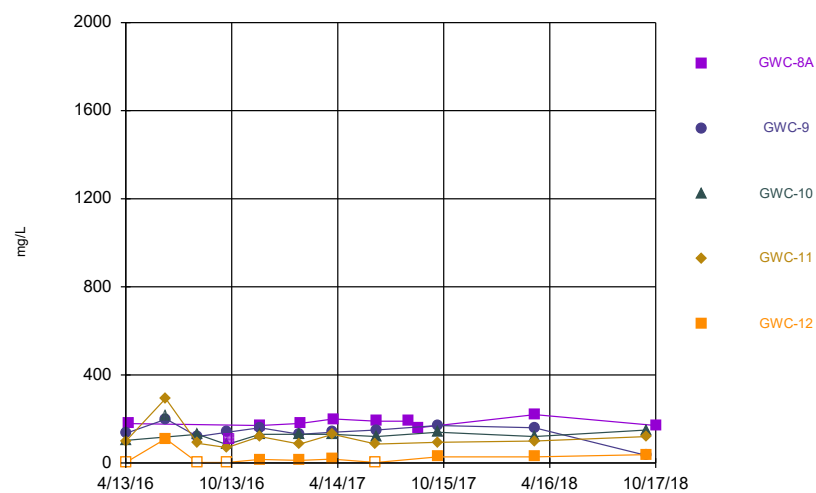
Constituent: Total Dissolved Solids Analysis Run 12/13/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



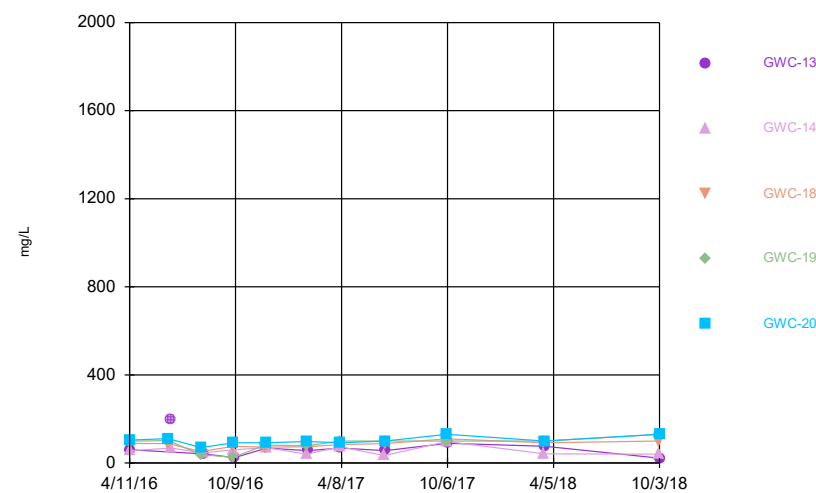
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



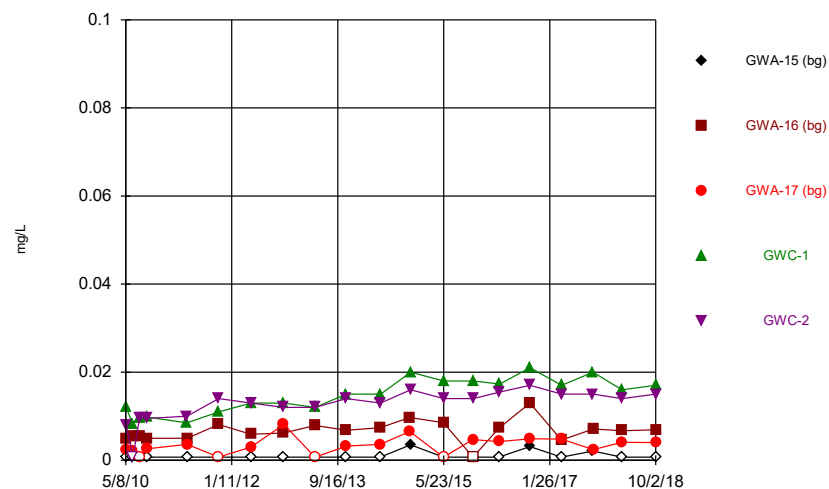
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



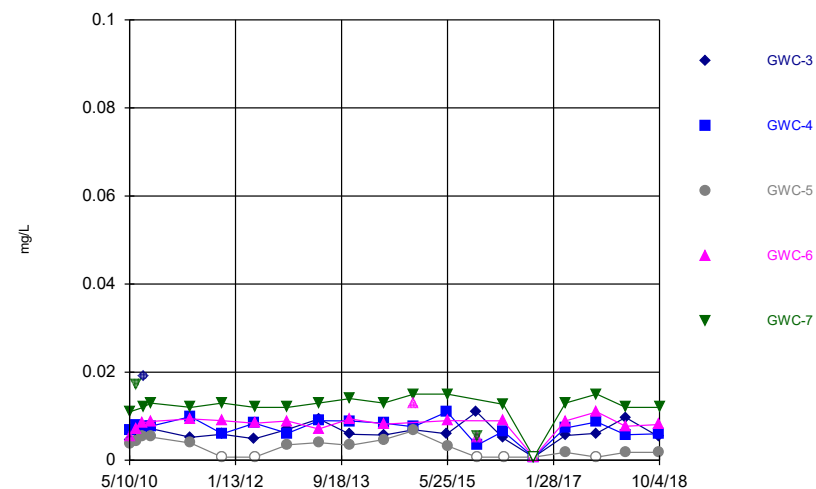
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



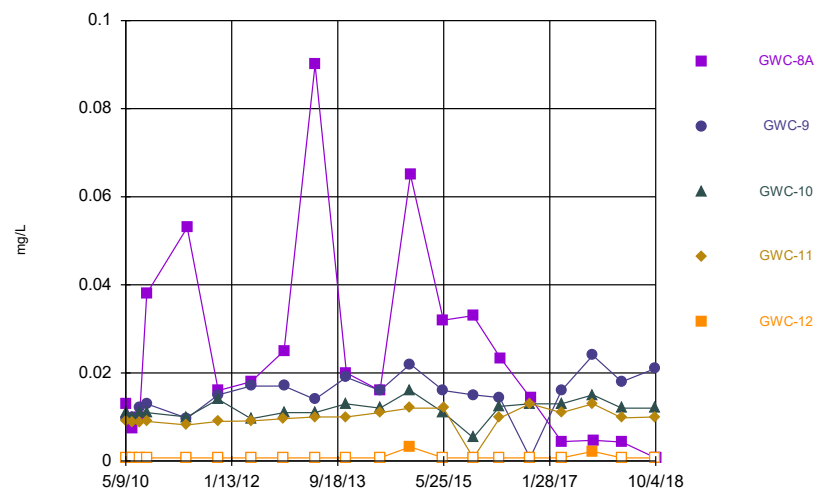
Constituent: Vanadium Analysis Run 12/13/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



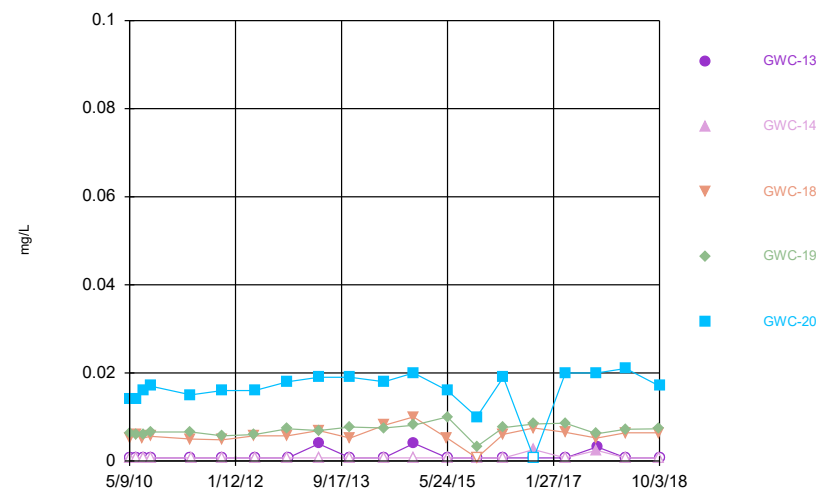
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



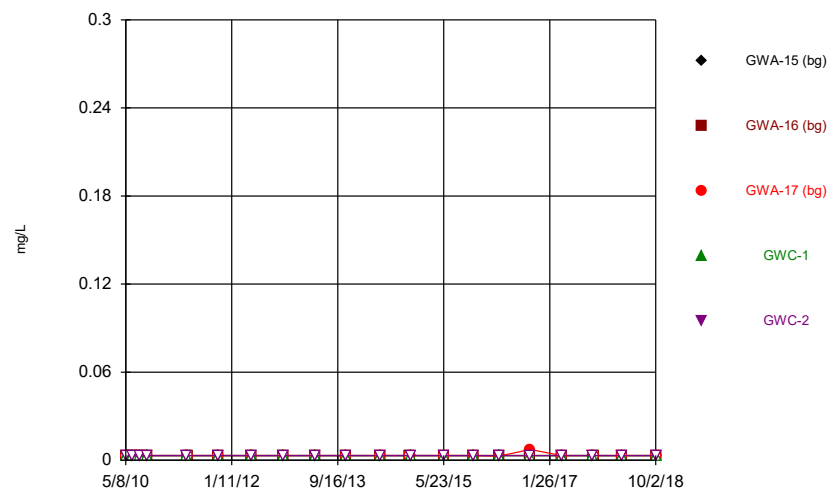
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Time Series

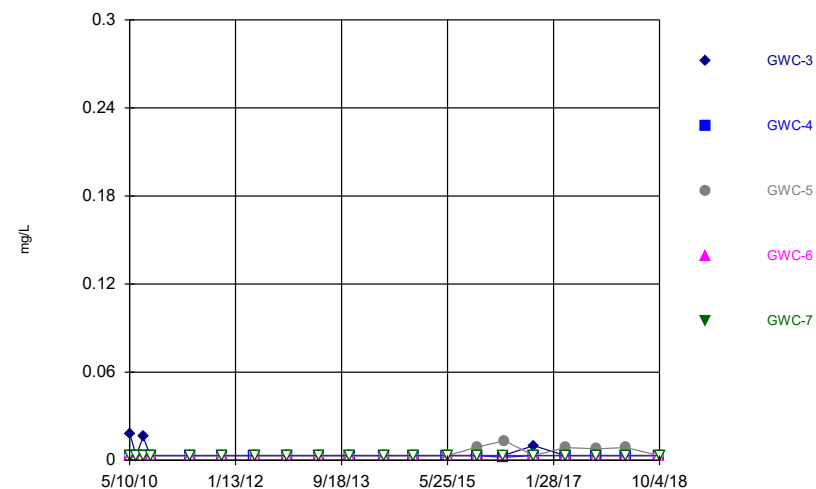


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

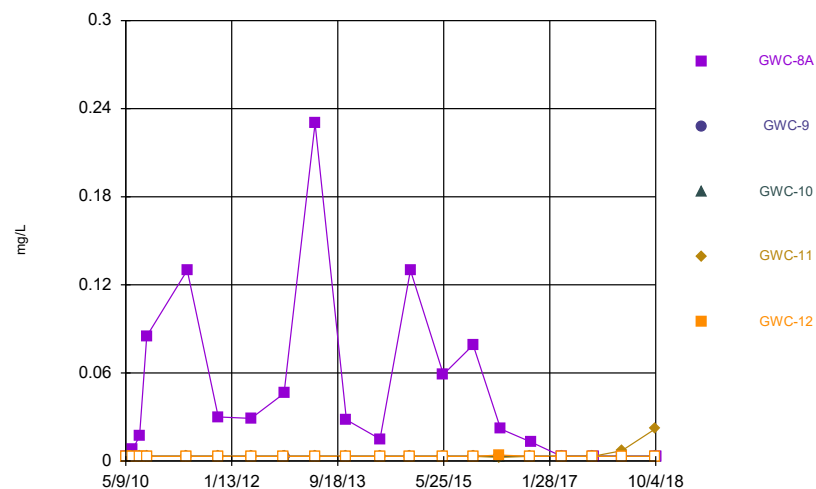
Time Series



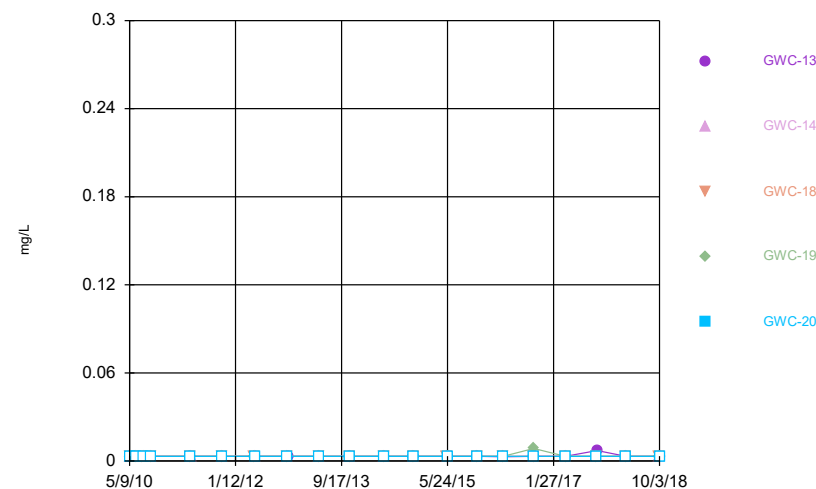
Time Series



Time Series



Time Series



Intrawell Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 1/23/2019, 4:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-29	0.01694	n/a	10/4/2018	0.018	Yes	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-52	0.01277	n/a	10/4/2018	0.013	Yes	21	0	x^2	0.01741	Param 1 of 2
Boron (mg/L)	GWA-45	0.7233	n/a	10/3/2018	0.89	Yes	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-29	9.895	n/a	10/4/2018	10	Yes	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-21	3.595	n/a	10/3/2018	4	Yes	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-46	3.295	n/a	10/4/2018	3.9	Yes	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-53	10.07	n/a	10/4/2018	12	Yes	8	0	n/a	0.02222	NP (normality) 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01212	n/a	10/4/2018	0.016	Yes	21	4.762	No	0.01741	Param 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01182	n/a	10/4/2018	0.016	Yes	21	9.524	ln(x)	0.01741	Param 1 of 2
pH (S.U.)	GWA-48	6.869	6.595	3/23/2018	6.92	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-49	6.979	6.683	3/22/2018	7	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWC-29	5.86	5.738	3/26/2018	5.91	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWC-50	5.911	5.738	3/23/2018	5.98	Yes	11	0	No	0.008703	Param 1 of 2
Sulfate (mg/L)	GWA-21	1.77	n/a	10/3/2018	1.9	Yes	8	12.5	No	0.01741	Param 1 of 2
Sulfate (mg/L)	GWC-52	14.5	n/a	10/4/2018	23	Yes	8	12.5	x^2	0.01741	Param 1 of 2
Sulfate (mg/L)	GWC-53	161.5	n/a	10/4/2018	170	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	108.4	n/a	10/4/2018	130	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	94.7	n/a	10/4/2018	110	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	131	n/a	10/4/2018	190	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	262.6	n/a	10/4/2018	320	Yes	8	0	No	0.01741	Param 1 of 2

Intrawell Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 1/23/2019, 4:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-21	0.001	n/a	10/3/2018	0.0005ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-22	0.001	n/a	10/3/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-45	0.001	n/a	10/3/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-46	0.0005	n/a	10/4/2018	0.0005ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-47	0.001	n/a	10/5/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-48	0.001	n/a	10/3/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-49	0.001	n/a	10/3/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-29	0.001	n/a	10/4/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-50	0.001	n/a	10/4/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-51	0.001	n/a	10/4/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-52	0.001	n/a	10/4/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-53	0.001	n/a	10/4/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-21	0.00046	n/a	10/3/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-22	0.00046	n/a	10/3/2018	0.00023ND	No	20	100	n/a	0.004329	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-45	0.00046	n/a	10/3/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-46	0.00046	n/a	10/4/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.00046	n/a	10/5/2018	0.00023ND	No	20	100	n/a	0.004329	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.00046	n/a	10/3/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.00053	n/a	10/3/2018	0.00023ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.00046	n/a	10/4/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.00052	n/a	10/4/2018	0.00023ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-51	0.00046	n/a	10/4/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.00046	n/a	10/4/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	10/4/2018	0.00023ND	No	20	95	n/a	0.004329	NP (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.0259	n/a	10/3/2018	0.00049	No	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWA-22	0.02827	n/a	10/3/2018	0.022	No	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWA-45	0.04362	n/a	10/3/2018	0.042	No	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWA-46	0.048	n/a	10/4/2018	0.019	No	21	0	n/a	0.004033	NP (normality) 1 of 2
Barium, Total (mg/L)	GWA-47	0.088	n/a	10/5/2018	0.026	No	21	0	n/a	0.004033	NP (normality) 1 of 2
Barium, Total (mg/L)	GWA-48	0.055	n/a	10/3/2018	0.012	No	21	0	n/a	0.004033	NP (normality) 1 of 2
Barium, Total (mg/L)	GWA-49	0.021	n/a	10/3/2018	0.018	No	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-29	0.01694	n/a	10/4/2018	0.018	Yes	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-50	0.01311	n/a	10/4/2018	0.012	No	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-51	0.01133	n/a	10/4/2018	0.0093	No	21	4.762	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-52	0.01277	n/a	10/4/2018	0.013	Yes	21	0	x^2	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-53	0.09244	n/a	10/4/2018	0.042	No	21	9.524	No	0.01741	Param 1 of 2
Beryllium, Total (mg/L)	GWA-21	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-45	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-46	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-47	0.00034	n/a	10/5/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-48	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-49	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-29	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-50	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.00017	n/a	10/4/2018	0.00017ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-52	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-53	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Boron (mg/L)	GWA-21	0.0105	n/a	10/3/2018	0.0105ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2

Intrawell Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 1/23/2019, 4:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-45	0.7233	n/a	10/3/2018	0.89	Yes	8	0	No	0.01741	Param 1 of 2
Boron (mg/L)	GWA-46	0.021	n/a	10/4/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.0105	n/a	10/5/2018	0.0105ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.0105	n/a	10/4/2018	0.0105ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.021	n/a	10/4/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.021	n/a	10/4/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.021	n/a	10/4/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.017	n/a	10/4/2018	0.92	No	8	0	No	0.01741	Param 1 of 2
Cadmium, Total (mg/L)	GWA-21	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-22	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-45	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-46	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0016	n/a	10/5/2018	0.00017ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-48	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-49	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-29	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.00017	n/a	10/4/2018	0.00017ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-51	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-52	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-53	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Calcium (mg/L)	GWA-21	10.72	n/a	10/3/2018	7.8	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-22	8.381	n/a	10/3/2018	6.1	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-45	41.31	n/a	10/3/2018	41	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-46	6.344	n/a	10/4/2018	5.4	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-47	11.51	n/a	10/5/2018	11	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-48	13.52	n/a	10/3/2018	12	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-49	15.03	n/a	10/3/2018	14	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-29	9.895	n/a	10/4/2018	10	Yes	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-50	7.685	n/a	10/4/2018	6.7	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-51	7.386	n/a	10/4/2018	6.4	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-52	14.18	n/a	10/4/2018	14	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-53	18.7	n/a	10/4/2018	17	No	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-21	3.595	n/a	10/3/2018	4	Yes	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-22	4.907	n/a	10/3/2018	2.9	No	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-45	10.47	n/a	10/3/2018	10	No	8	0	x^2	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-46	3.295	n/a	10/4/2018	3.9	Yes	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-47	1.673	n/a	10/5/2018	1.4	No	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-48	2.7	n/a	10/3/2018	1.6	No	8	0	n/a	0.02222	NP (normality) 1 of 2
Chloride (mg/L)	GWA-49	2.343	n/a	10/3/2018	2	No	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-29	4.267	n/a	10/4/2018	3.1	No	8	0	x^2	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-50	2.104	n/a	10/4/2018	1.9	No	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-51	7.051	n/a	10/4/2018	6.9	No	8	0	x^6	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-52	8.729	n/a	10/4/2018	8.1	No	8	12.5	x^4	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-53	10.07	n/a	10/4/2018	12	Yes	8	0	n/a	0.02222	NP (normality) 1 of 2
Chromium, Total (mg/L)	GWA-21	0.007343	n/a	10/3/2018	0.0014	No	21	19.05	sqrt(x)	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWA-22	0.008725	n/a	10/3/2018	0.0086	No	21	9.524	No	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWA-45	0.0042	n/a	10/3/2018	0.00055ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-46	0.006107	n/a	10/4/2018	0.0047	No	21	4.762	sqrt(x)	0.01741	Param 1 of 2

Intrawell Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 1/23/2019, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chromium, Total (mg/L)	GWA-47	0.02582	n/a	10/5/2018	0.0083	No	21	9.524	ln(x)	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWA-48	0.01471	n/a	10/3/2018	0.0051	No	21	9.524	ln(x)	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWA-49	0.008003	n/a	10/3/2018	0.0052	No	21	4.762	sqrt(x)	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWC-29	0.005	n/a	10/4/2018	0.0014	No	21	47.62	n/a	0.004033	NP (normality) 1 of 2
Chromium, Total (mg/L)	GWC-50	0.005536	n/a	10/4/2018	0.005	No	21	9.524	No	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWC-51	0.004951	n/a	10/4/2018	0.0041	No	21	14.29	No	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01212	n/a	10/4/2018	0.016	Yes	21	4.762	No	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWC-53	0.003362	n/a	10/4/2018	0.00055ND	No	21	42.86	sqrt(x)	0.01741	Param 1 of 2
Cobalt, Total (mg/L)	GWA-21	0.0014	n/a	10/3/2018	0.0014	No	21	80.95	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0038	n/a	10/3/2018	0.0002ND	No	21	71.43	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.007541	n/a	10/3/2018	0.0018	No	21	33.33	sqrt(x)	0.01741	Param 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0002	n/a	10/4/2018	0.0002ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0048	n/a	10/5/2018	0.0002ND	No	21	80.95	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0039	n/a	10/3/2018	0.0002ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0004	n/a	10/3/2018	0.0002ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0004	n/a	10/4/2018	0.0002ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0004	n/a	10/4/2018	0.0002ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0004	n/a	10/4/2018	0.0002ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-52	0.0004	n/a	10/4/2018	0.0002ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01182	n/a	10/4/2018	0.016	Yes	21	9.524	ln(x)	0.01741	Param 1 of 2
Copper, Total (mg/L)	GWA-21	0.0028	n/a	10/3/2018	0.00105ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.078	n/a	10/3/2018	0.00105ND	No	16	87.5	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	10/3/2018	0.00105ND	No	16	75	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWA-46	0.021	n/a	10/4/2018	0.00105ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.0308	n/a	10/5/2018	0.00105ND	No	16	12.5	sqrt(x)	0.01741	Param 1 of 2
Copper, Total (mg/L)	GWA-48	0.013	n/a	10/3/2018	0.00105ND	No	16	50	n/a	0.006536	NP (normality) 1 of 2
Copper, Total (mg/L)	GWA-49	0.0021	n/a	10/3/2018	0.00105ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWC-29	0.0031	n/a	10/4/2018	0.00105ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.0031	n/a	10/4/2018	0.00105ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.0021	n/a	10/4/2018	0.00105ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWC-52	0.0021	n/a	10/4/2018	0.00105ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWC-53	0.0021	n/a	10/4/2018	0.00105ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-21	0.041	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	10/3/2018	0.041ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.041	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.041	n/a	10/4/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.082	n/a	10/5/2018	0.041ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	10/3/2018	0.041ND	No	8	75	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.041	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.041	n/a	10/4/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.041	n/a	10/4/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.041	n/a	10/4/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	10/4/2018	0.041ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.082	n/a	10/4/2018	0.041ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	10/3/2018	0.000175ND	No	21	71.43	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	10/3/2018	0.000175ND	No	21	76.19	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	10/3/2018	0.000175ND	No	21	66.67	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-46	0.0037	n/a	10/4/2018	0.000175ND	No	21	76.19	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	10/5/2018	0.000175ND	No	21	61.9	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	10/3/2018	0.000175ND	No	21	61.9	n/a	0.004033	NP (NDs) 1 of 2

Intrawell Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-49	0.0062	n/a	10/3/2018	0.000175ND	No	21	57.14	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	10/4/2018	0.000175ND	No	21	71.43	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	10/4/2018	0.000175ND	No	21	71.43	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	10/4/2018	0.000175ND	No	21	71.43	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	10/4/2018	0.000175ND	No	21	61.9	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.0026	n/a	10/4/2018	0.000175ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	10/3/2018	0.0001ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	10/3/2018	0.0001ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.0002	n/a	10/3/2018	0.0001ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.00011	n/a	10/4/2018	0.000035ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.000081	n/a	10/5/2018	0.000035ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.0001	n/a	10/3/2018	0.0001ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.0002	n/a	10/3/2018	0.0001ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.00007	n/a	10/4/2018	0.000035ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.00007	n/a	10/4/2018	0.000035ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-51	0.00007	n/a	10/4/2018	0.000035ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.000082	n/a	10/4/2018	0.000035ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-53	0.00007	n/a	10/4/2018	0.000035ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.0018	n/a	10/3/2018	0.0009ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.003	n/a	10/3/2018	0.0009ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.0018	n/a	10/3/2018	0.0009ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.0035	n/a	10/4/2018	0.0009ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.02628	n/a	10/5/2018	0.01895...	No	16	50	No	0.01741	Param 1 of 2 Deseas
Nickel, Total (mg/L)	GWA-48	0.02608	n/a	10/3/2018	0.01350...	No	16	43.75	n/a	0.006536	NP (normality) 1 of 2...
Nickel, Total (mg/L)	GWA-49	0.0018	n/a	10/3/2018	0.0009ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0042	n/a	10/4/2018	0.0037	No	16	81.25	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	10/4/2018	0.0009ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	10/4/2018	0.0024	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-52	0.0018	n/a	10/4/2018	0.0009ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.007603	n/a	10/4/2018	0.0073	No	16	12.5	No	0.01741	Param 1 of 2
pH (S.U.)	GWA-21	5.898	5.686	3/26/2018	5.76	No	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-22	6.128	5.706	3/26/2018	6.06	No	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-45	6.343	5.865	3/22/2018	6.2	No	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	3/23/2018	5.89	No	10	0	n/a	0.0303	NP (normality) 1 of 2
pH (S.U.)	GWA-47	6.506	6.342	3/22/2018	6.46	No	11	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-48	6.869	6.595	3/23/2018	6.92	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-49	6.979	6.683	3/22/2018	7	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWC-29	5.86	5.738	3/26/2018	5.91	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWC-50	5.911	5.738	3/23/2018	5.98	Yes	11	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWC-51	8.36	5.76	3/26/2018	5.98	No	12	0	n/a	0.02198	NP (normality) 1 of 2
pH (S.U.)	GWC-52	7.63	6.53	3/26/2018	6.77	No	12	0	n/a	0.02198	NP (normality) 1 of 2
pH (S.U.)	GWC-53	7.725	5.48	3/26/2018	5.78	No	11	0	n/a	0.02614	NP (normality) 1 of 2
Selenium, Total (mg/L)	GWA-21	0.0072	n/a	10/3/2018	0.00012ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-22	0.0048	n/a	10/3/2018	0.00012ND	No	21	85.71	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.0093	n/a	10/3/2018	0.00012ND	No	21	80.95	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-46	0.00024	n/a	10/4/2018	0.00012ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.0064	n/a	10/5/2018	0.00012ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.0077	n/a	10/3/2018	0.00012ND	No	21	85.71	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.0041	n/a	10/3/2018	0.00012ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.0044	n/a	10/4/2018	0.00032	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Selenium, Total (mg/L)	GWC-50	0.0042	n/a	10/4/2018	0.00012ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-51	0.00024	n/a	10/4/2018	0.00012ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.0067	n/a	10/4/2018	0.0004	No	21	76.19	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.0025	n/a	10/4/2018	0.00012ND	No	21	85.71	n/a	0.004033	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-21	0.00011	n/a	10/3/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-22	0.00011	n/a	10/3/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-45	0.00011	n/a	10/3/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-46	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-47	0.00011	n/a	10/5/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-48	0.00011	n/a	10/3/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-49	0.00011	n/a	10/3/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWC-29	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWC-50	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWC-51	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWC-52	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWC-53	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Sulfate (mg/L)	GWA-21	1.77	n/a	10/3/2018	1.9	Yes	8	12.5	No	0.01741	Param 1 of 2
Sulfate (mg/L)	GWA-22	0.7	n/a	10/3/2018	0.35ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	168.4	n/a	10/3/2018	140	No	8	0	No	0.01741	Param 1 of 2
Sulfate (mg/L)	GWA-46	0.594	n/a	10/4/2018	0.35ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	0.7	n/a	10/5/2018	0.35ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.483	n/a	10/3/2018	1.2	No	8	0	No	0.01741	Param 1 of 2
Sulfate (mg/L)	GWA-49	0.507	n/a	10/3/2018	0.35ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	2.986	n/a	10/4/2018	2.8	No	8	12.5	No	0.01741	Param 1 of 2
Sulfate (mg/L)	GWC-50	0.7	n/a	10/4/2018	0.35ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	0.415	n/a	10/4/2018	0.35ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	14.5	n/a	10/4/2018	23	Yes	8	12.5	x^2	0.01741	Param 1 of 2
Sulfate (mg/L)	GWC-53	161.5	n/a	10/4/2018	170	Yes	8	0	No	0.01741	Param 1 of 2
Thallium, Total (mg/L)	GWA-21	0.00048	n/a	10/3/2018	0.00004...	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.00086	n/a	10/3/2018	0.00004...	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.00032	n/a	10/3/2018	0.00004...	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-46	0.000085	n/a	10/4/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-47	0.000085	n/a	10/5/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.000085	n/a	10/3/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-49	0.000085	n/a	10/3/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-29	0.000085	n/a	10/4/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.00028	n/a	10/4/2018	0.00004...	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.000085	n/a	10/4/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-52	0.000085	n/a	10/4/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-53	0.000085	n/a	10/4/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	96.56	n/a	10/3/2018	72	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	102.9	n/a	10/3/2018	42	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	287.2	n/a	10/3/2018	190	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	76.23	n/a	10/4/2018	48	No	8	12.5	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	104.4	n/a	10/5/2018	90	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	112.2	n/a	10/3/2018	88	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	125.4	n/a	10/3/2018	96	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	108.4	n/a	10/4/2018	130	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	94.7	n/a	10/4/2018	110	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	90.12	n/a	10/4/2018	96	No	8	0	x^2	0.01741	Param 1 of 2

Intrawell Prediction Limit

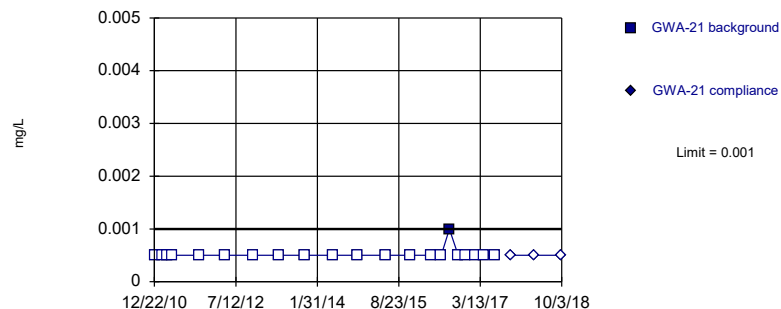
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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWC-52	131	n/a	10/4/2018	190	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	262.6	n/a	10/4/2018	320	Yes	8	0	No	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.002347	n/a	10/3/2018	0.002328	No	16	75	n/a	0.006536	NP (NDs) 1 of 2 Deseas
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	10/3/2018	0.0022	No	16	68.75	n/a	0.006536	NP (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0062	n/a	10/3/2018	0.0007ND	No	16	81.25	n/a	0.006536	NP (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.0283	n/a	10/4/2018	0.01454...	No	16	12.5	n/a	0.006536	NP (normality) 1 of 2...
Vanadium, Total (mg/L)	GWA-47	0.02365	n/a	10/5/2018	0.00265ND	No	16	6.25	sqrt(x)	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.01943	n/a	10/3/2018	0.017	No	16	6.25	No	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02102	n/a	10/3/2018	0.018	No	16	0	No	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.005795	n/a	10/4/2018	0.00265ND	No	16	6.25	No	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.0044	n/a	10/4/2018	0.00185ND	No	16	43.75	n/a	0.006536	NP (normality) 1 of 2
Vanadium, Total (mg/L)	GWC-51	0.005656	n/a	10/4/2018	0.00365...	No	16	25	No	0.01741	Param 1 of 2 Deseas
Vanadium, Total (mg/L)	GWC-52	0.0132	n/a	10/4/2018	0.013	No	16	12.5	x^2	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0136	n/a	10/4/2018	0.00185ND	No	16	81.25	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.0065	n/a	10/3/2018	0.00325ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.039	n/a	10/3/2018	0.00325ND	No	15	93.33	n/a	0.007649	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.00345	n/a	10/3/2018	0.00325ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.013	n/a	10/4/2018	0.00325ND	No	16	87.5	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.014	n/a	10/5/2018	0.00325ND	No	15	86.67	n/a	0.007649	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.00325	n/a	10/3/2018	0.00325ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.00325	n/a	10/3/2018	0.00325ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0065	n/a	10/4/2018	0.00325ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0065	n/a	10/4/2018	0.0076	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.00333	n/a	10/4/2018	0.00325ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0065	n/a	10/4/2018	0.00325ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.01591	n/a	10/4/2018	0.017	No	15	0	No	0.01741	Param 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

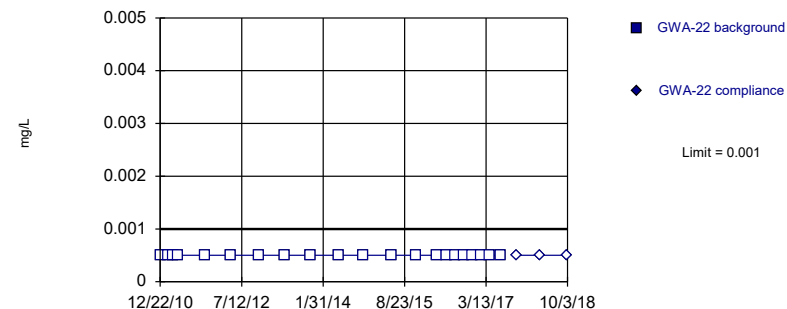


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

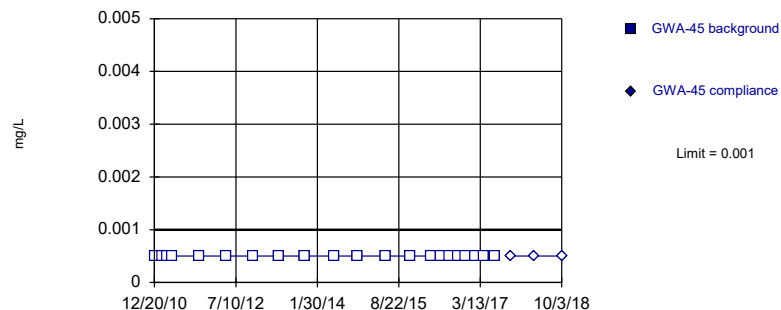


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

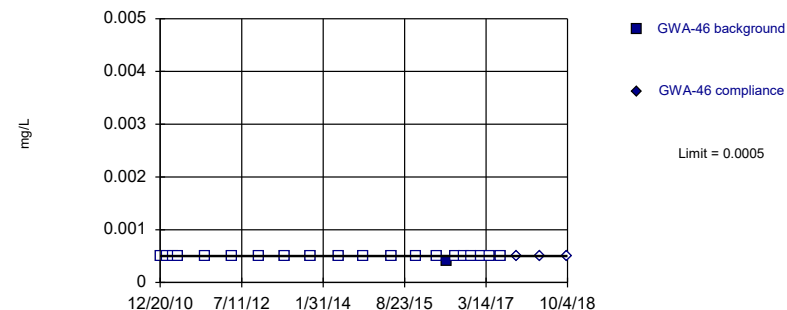


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

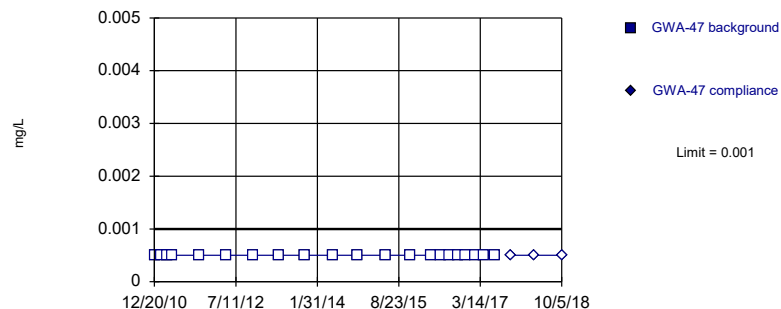


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

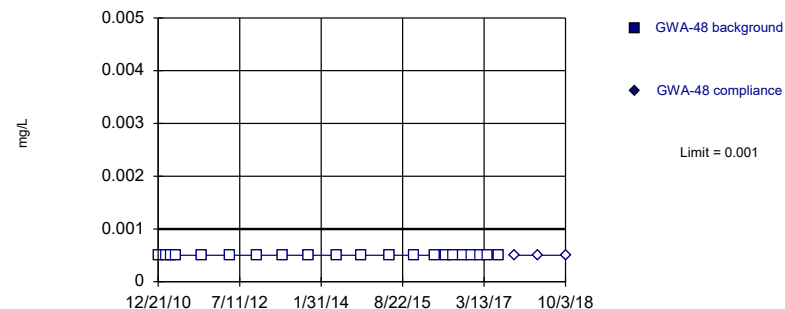


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

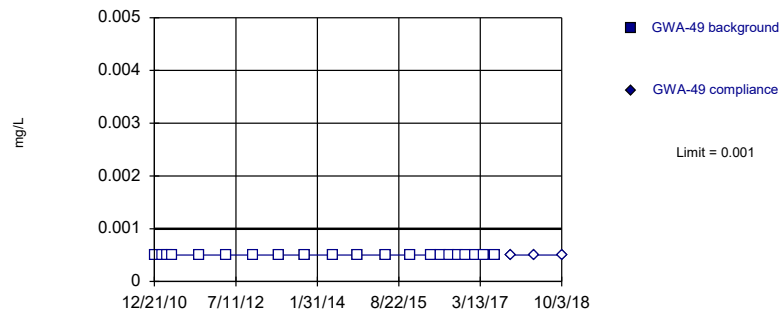


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

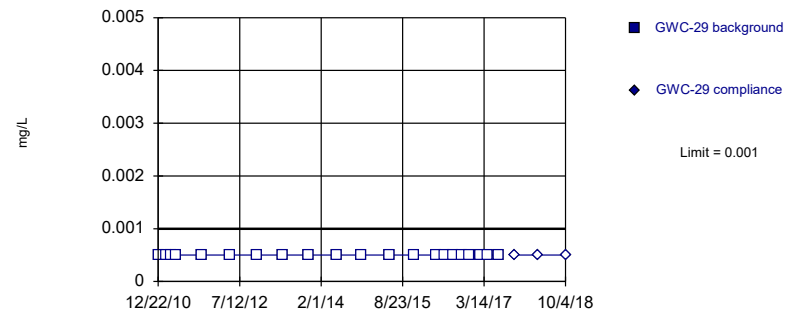


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

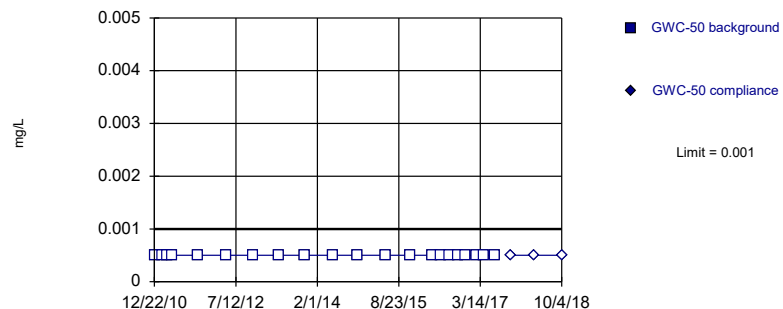


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

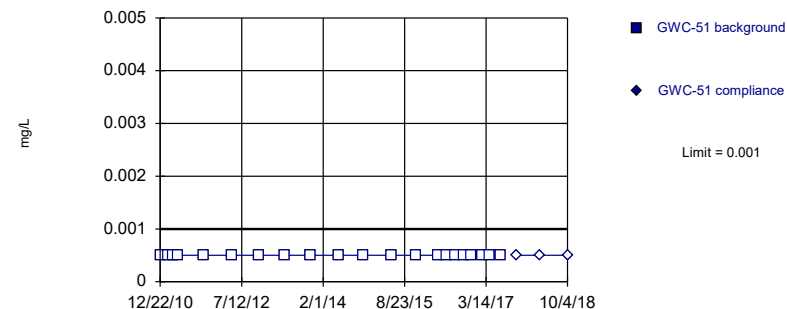


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.004033$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

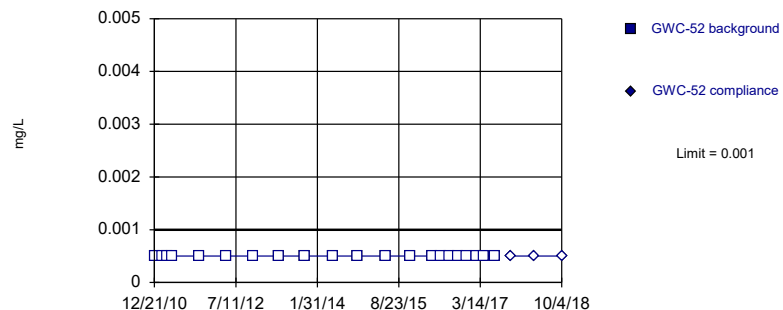


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.004033$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

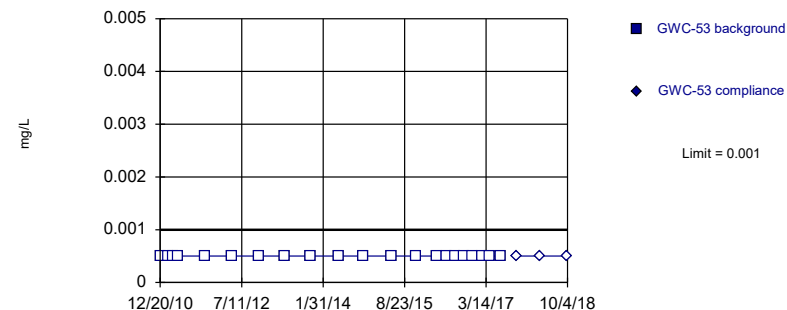


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.004033$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

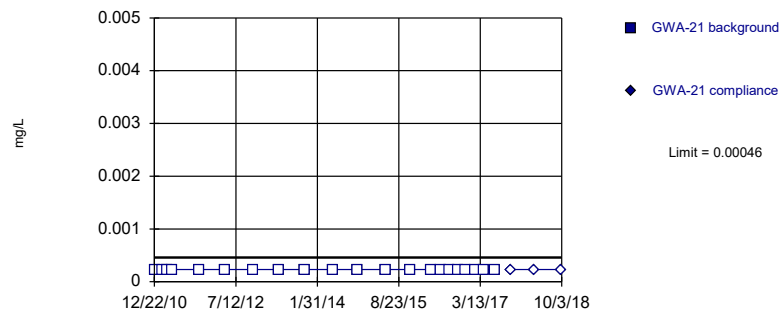


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.004033$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

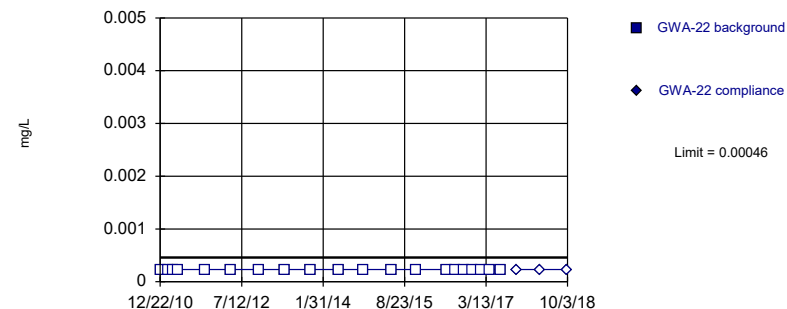


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.004033$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

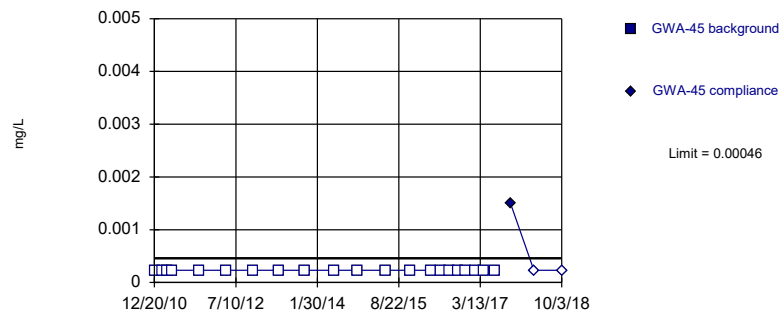


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 20$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.004329$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

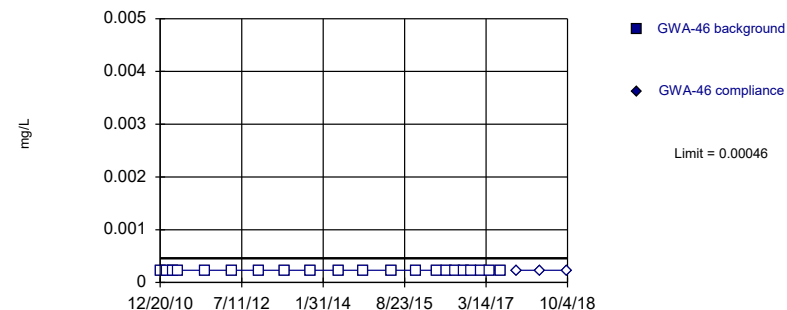


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.004033$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

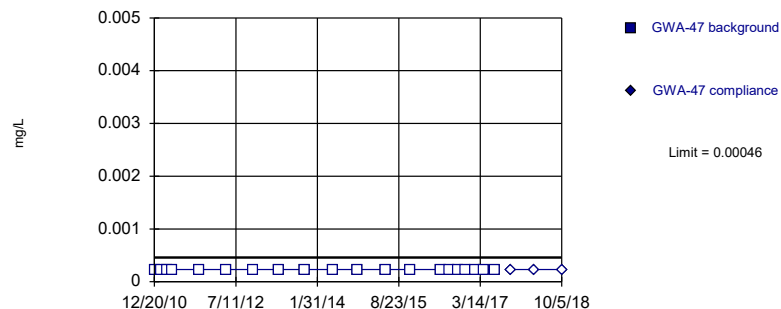


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.004033$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

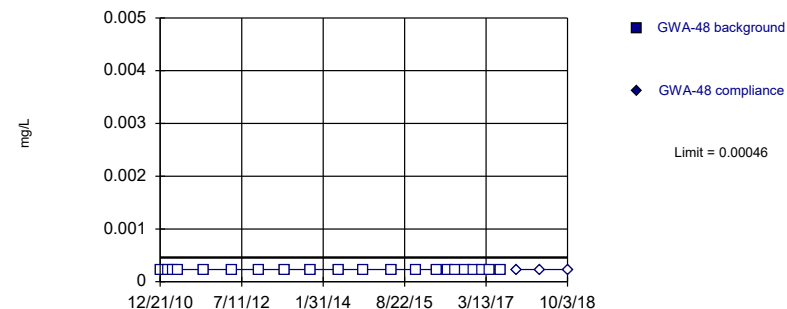


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004329 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

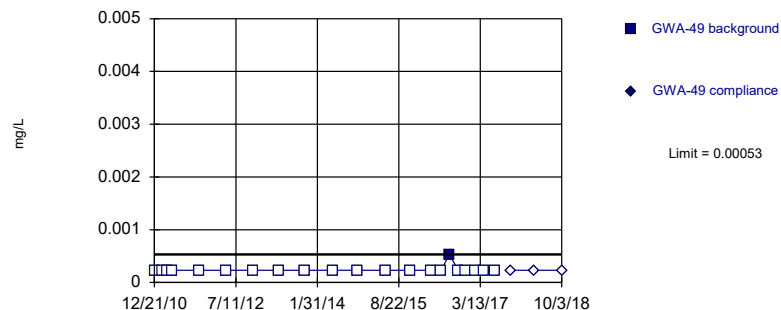


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

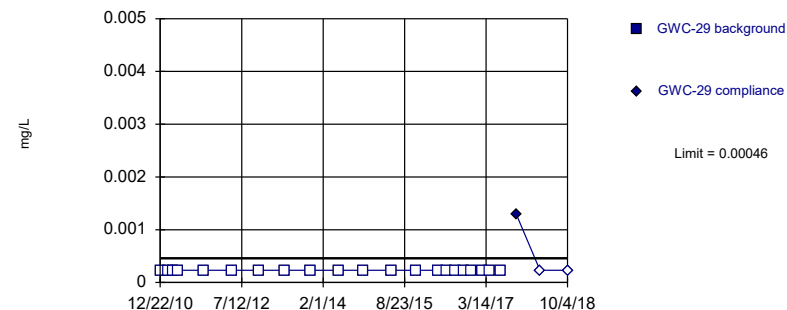


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

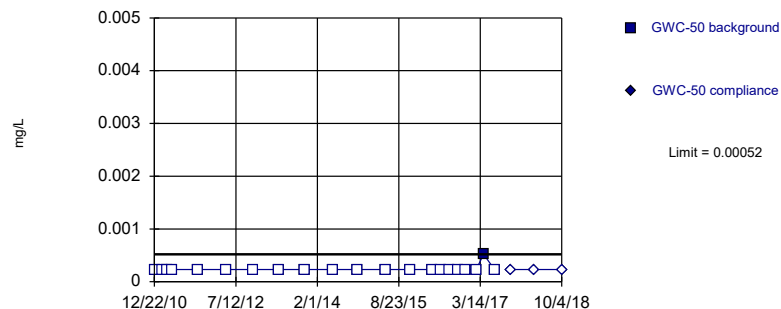


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

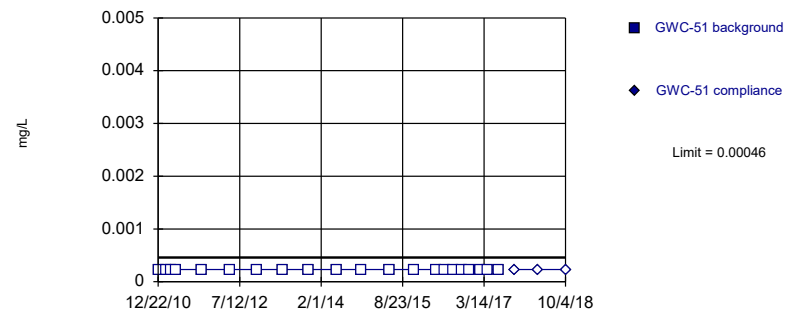


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

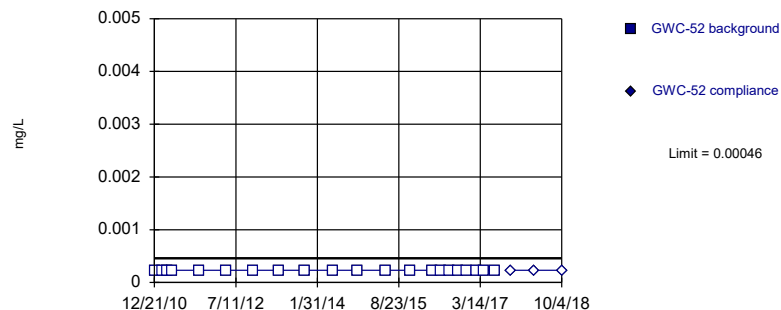


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

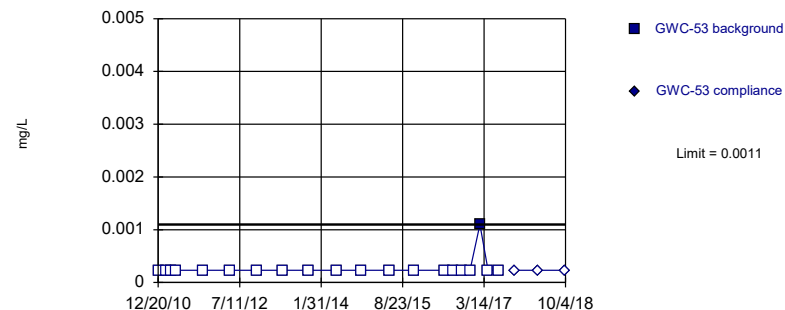


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



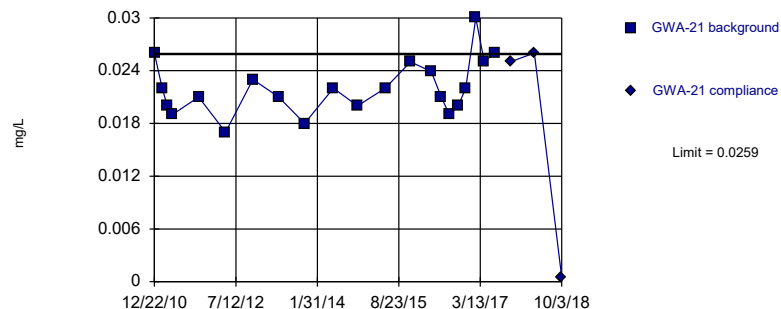
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.004329 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



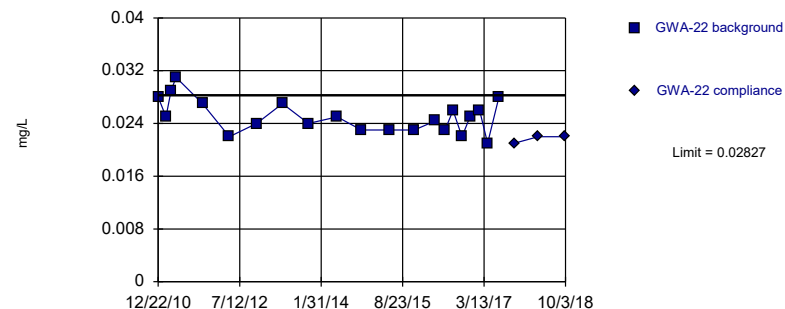
Background Data Summary: Mean=0.02204, Std. Dev.=0.003103, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9549, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



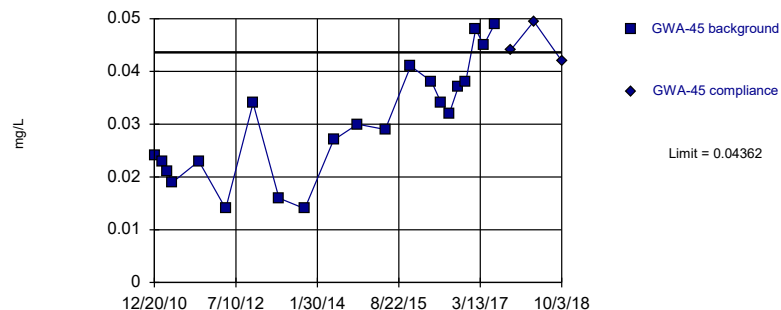
Background Data Summary: Mean=0.02507, Std. Dev.=0.002572, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9637, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



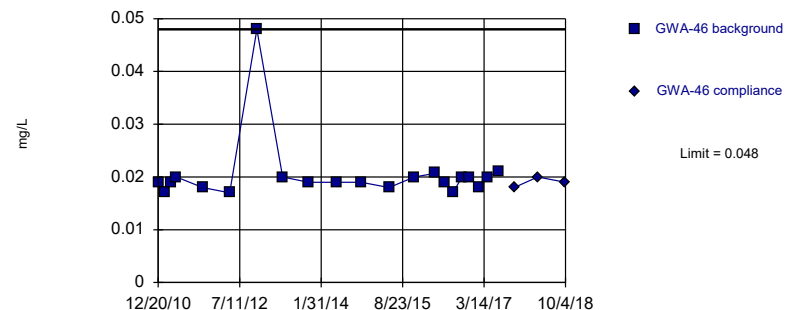
Background Data Summary: Mean=0.03029, Std. Dev.=0.01072, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

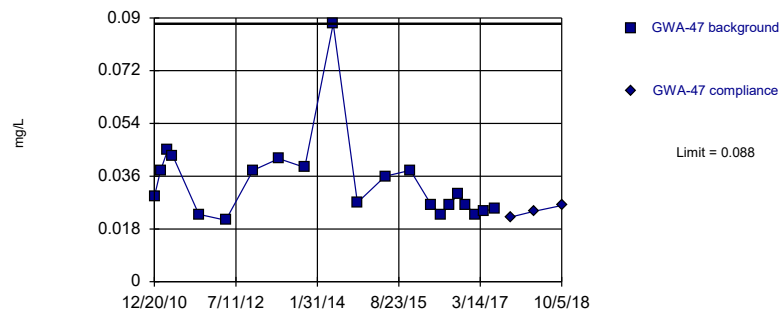


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

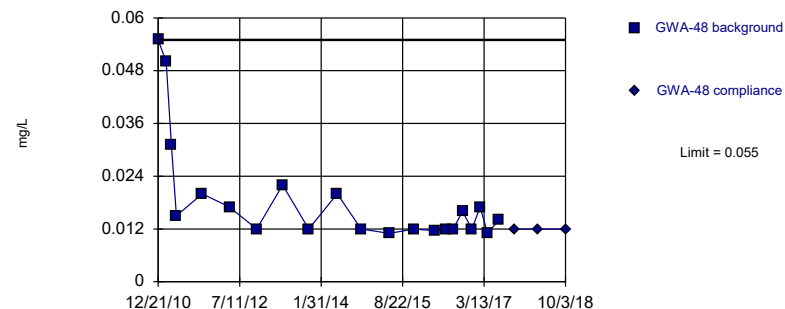


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

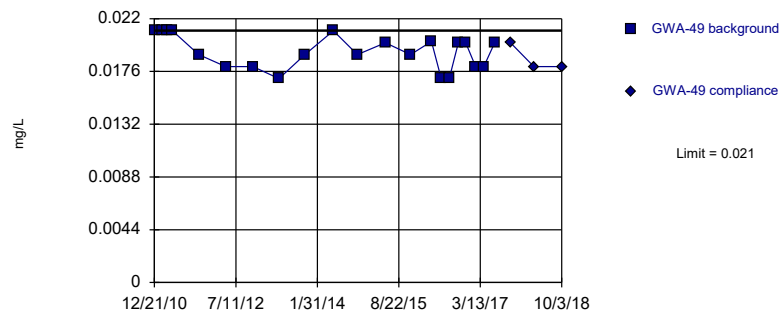


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

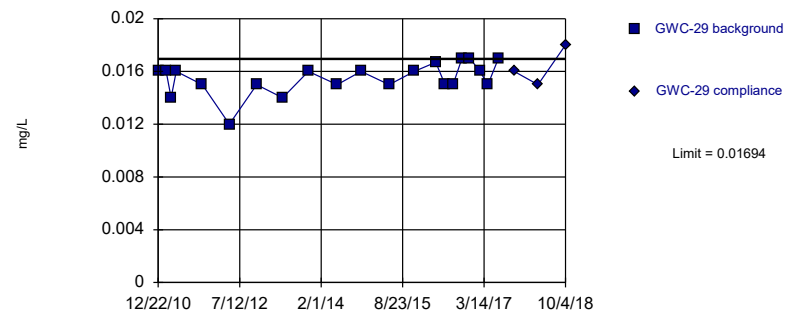


Background Data Summary: Mean=0.01924, Std. Dev.=0.001414, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Parametric



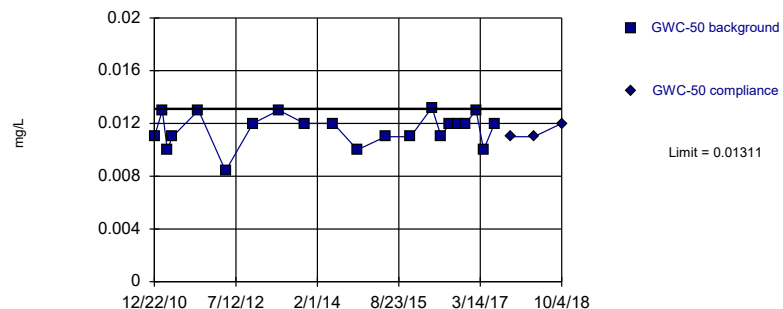
Background Data Summary: Mean=0.01546, Std. Dev.=0.001192, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8775, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



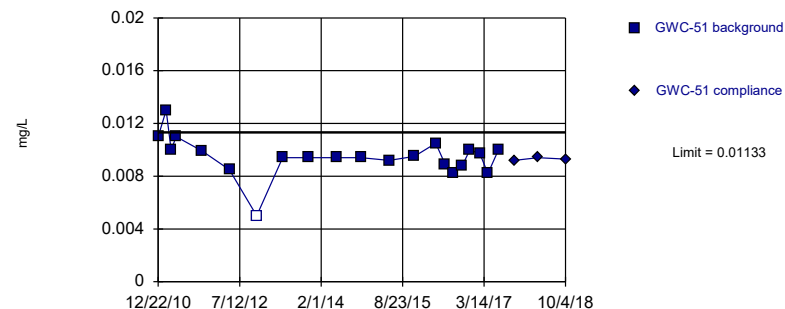
Background Data Summary: Mean=0.01155, Std. Dev.=0.001249, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9084, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



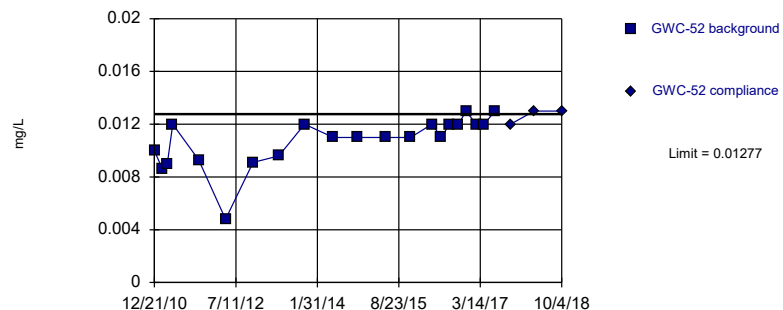
Background Data Summary: Mean=0.009476, Std. Dev.=0.001488, n=21, 4.762% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8847, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001186, Std. Dev.=0.00003572, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9096, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

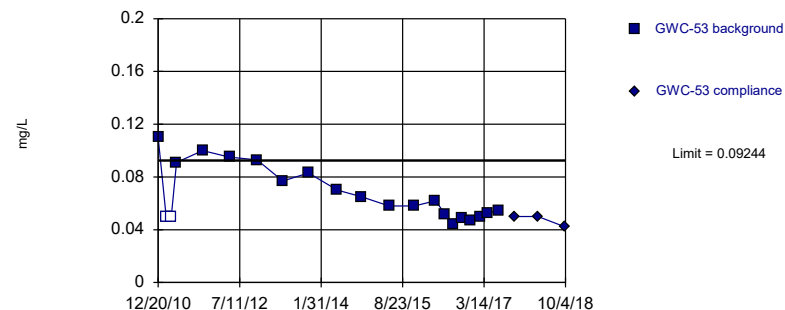
Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric

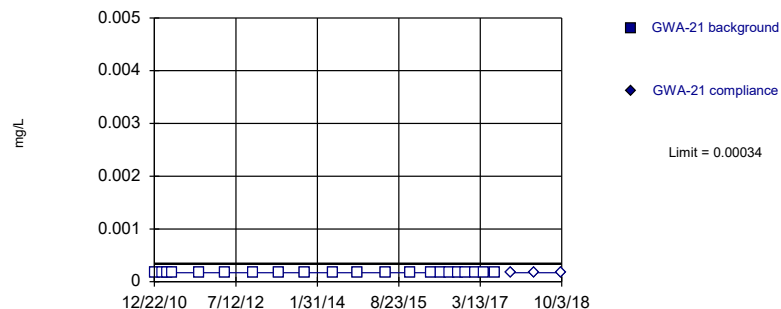


Background Data Summary: Mean=0.06719, Std. Dev.=0.0203, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.877, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

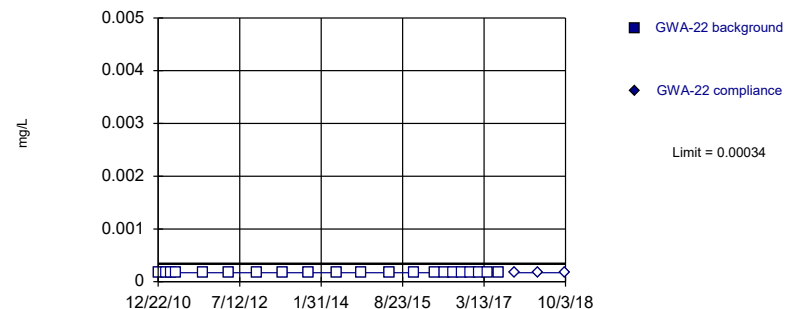


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

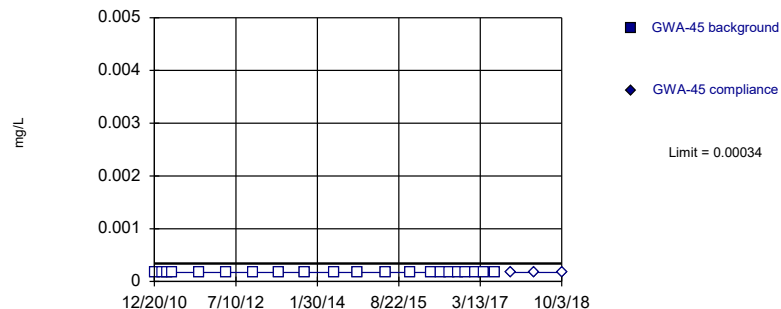


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

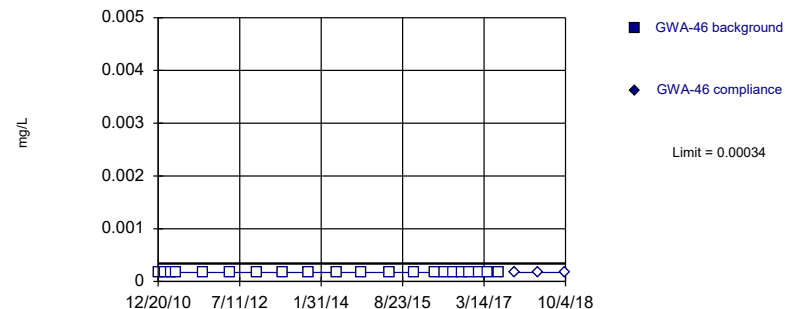


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

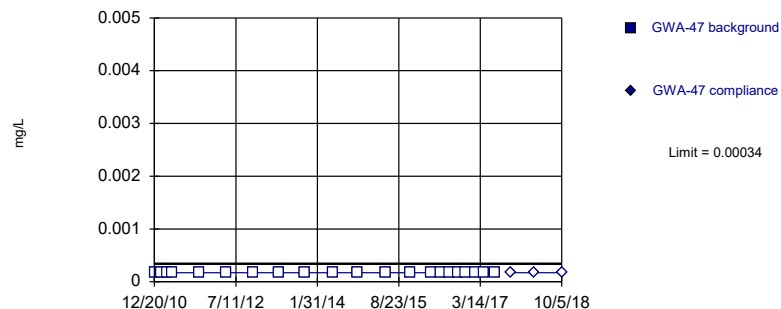


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

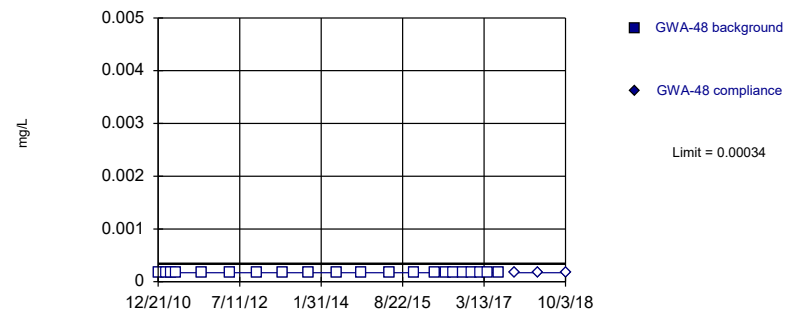


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

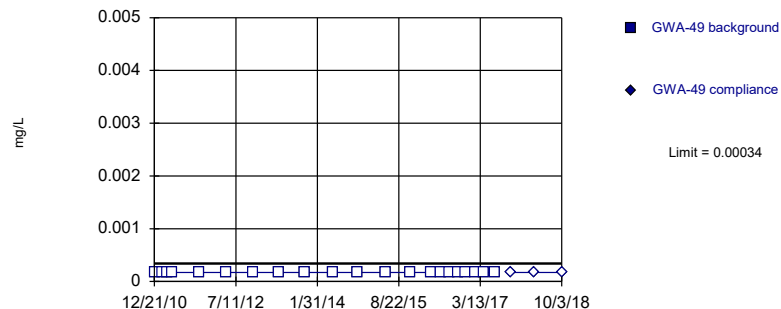


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

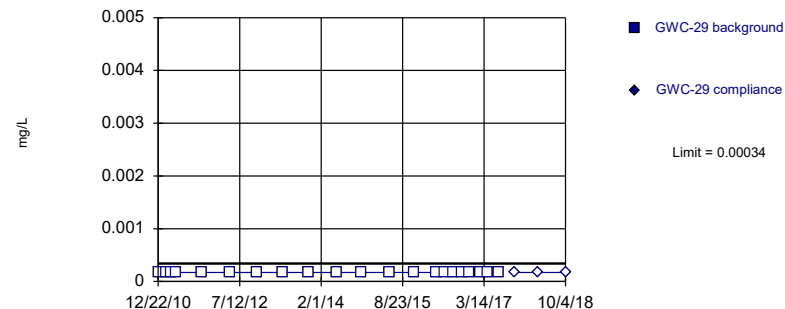


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

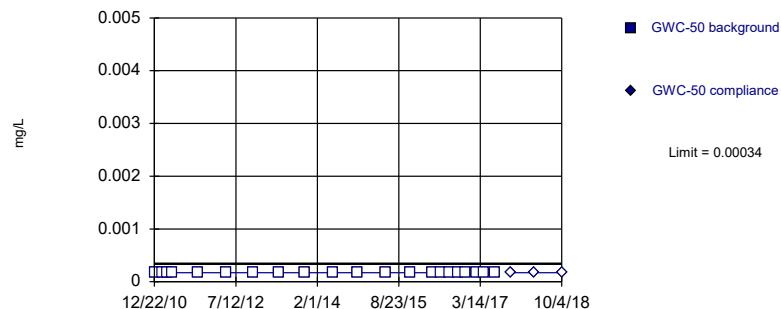


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

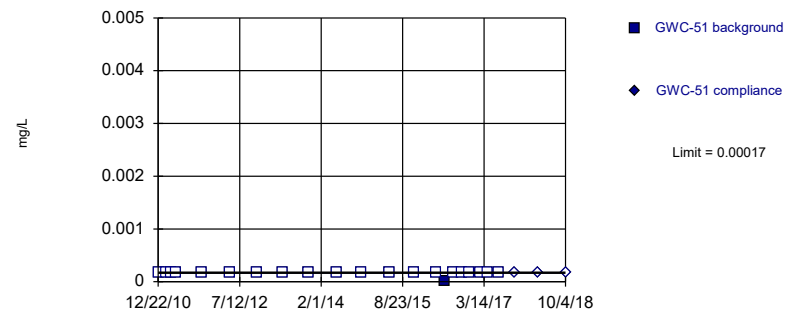


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

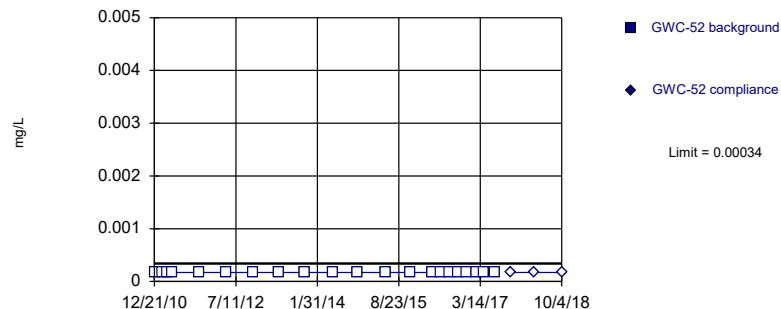


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

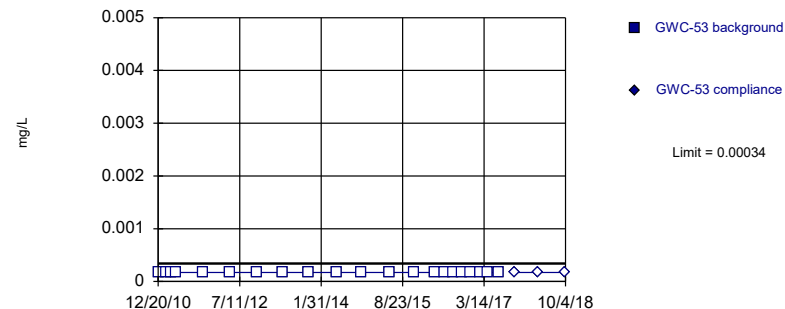


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

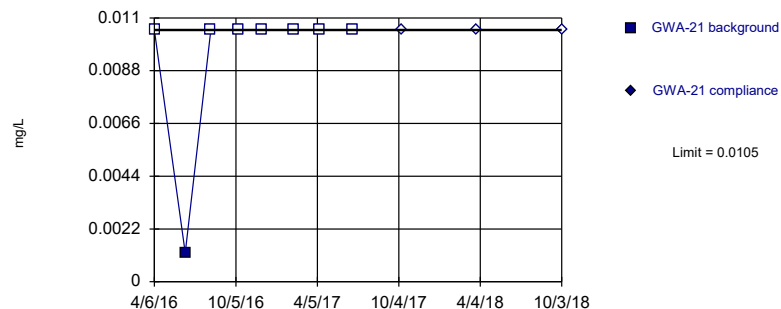


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

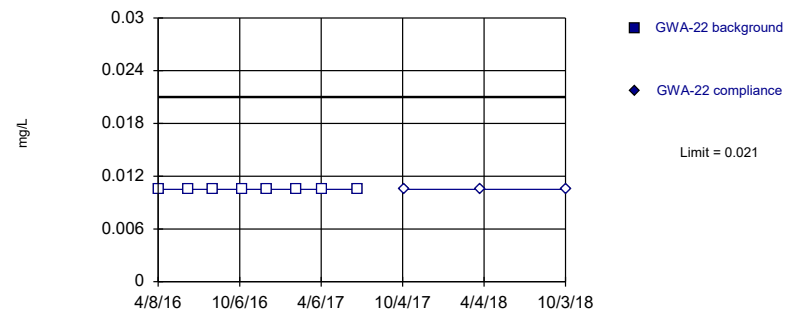


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

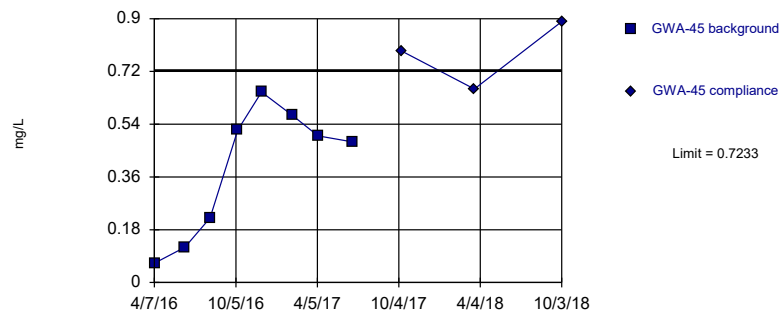


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

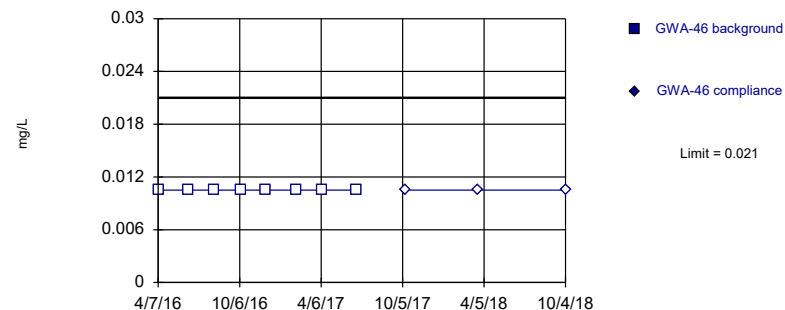


Background Data Summary: Mean=0.3907, Std. Dev.=0.2217, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

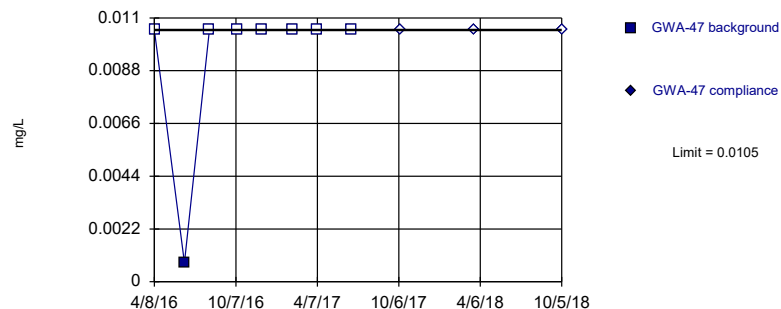


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

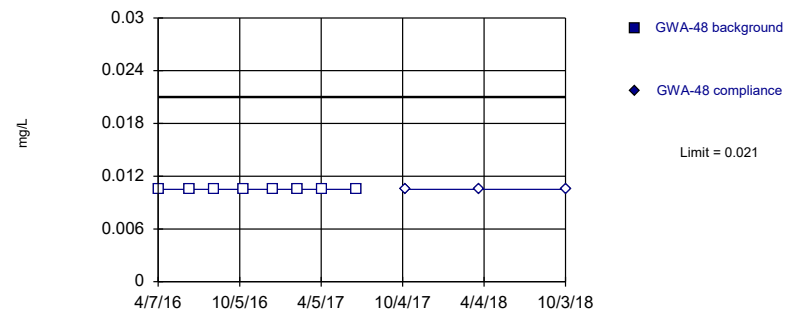


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

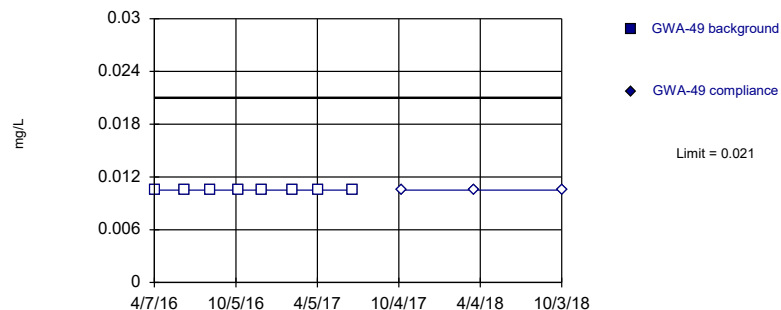


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

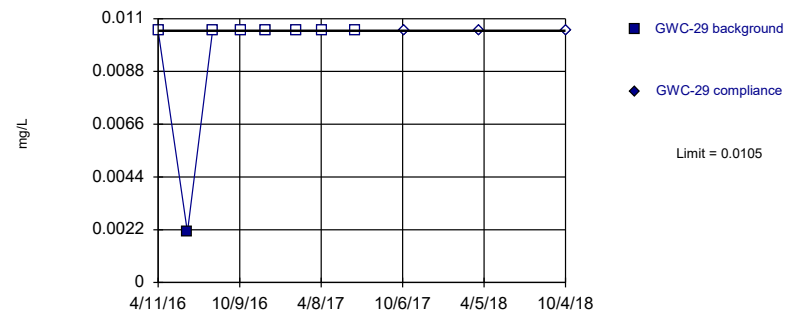


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

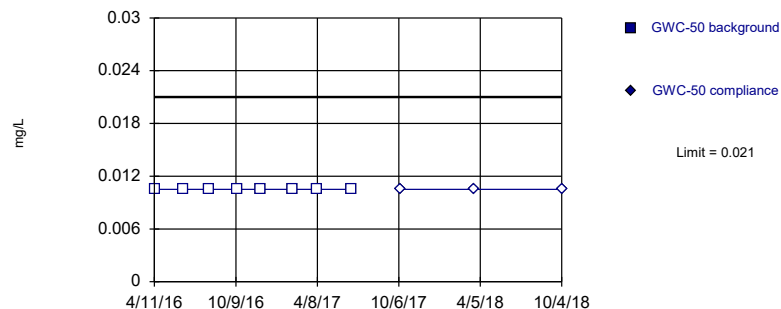


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

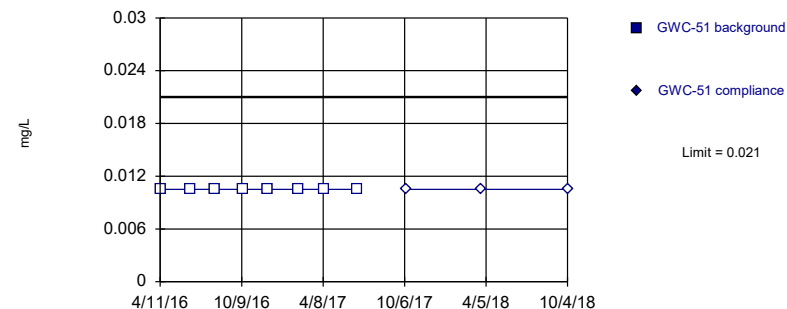


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

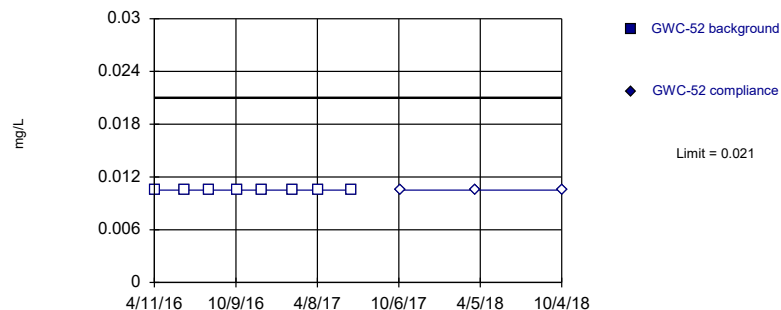


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

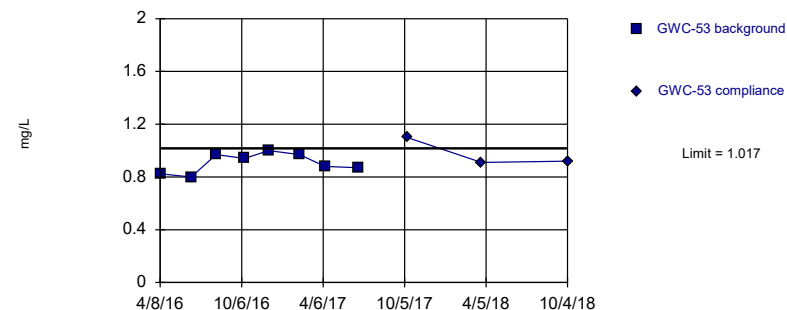


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

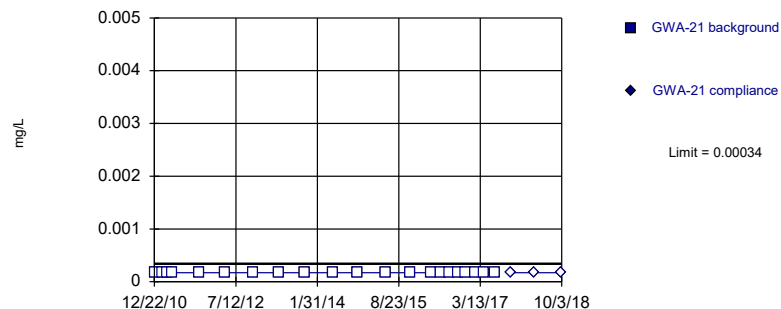


Background Data Summary: Mean=0.9068, Std. Dev.=0.07379, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9277, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

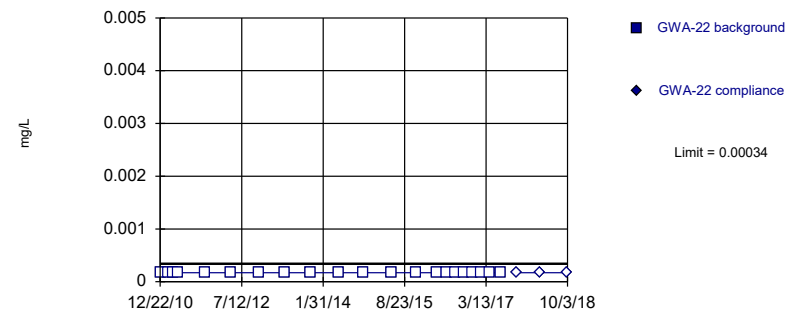


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

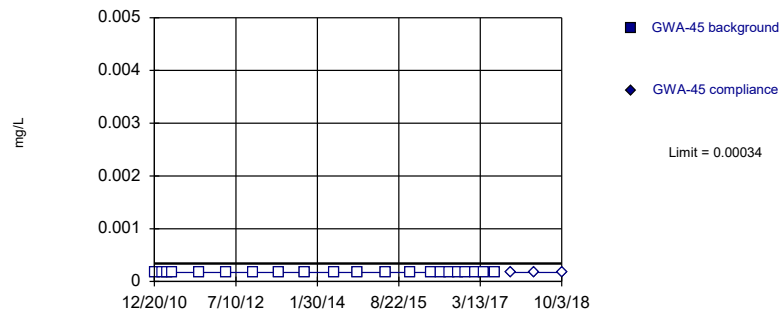


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

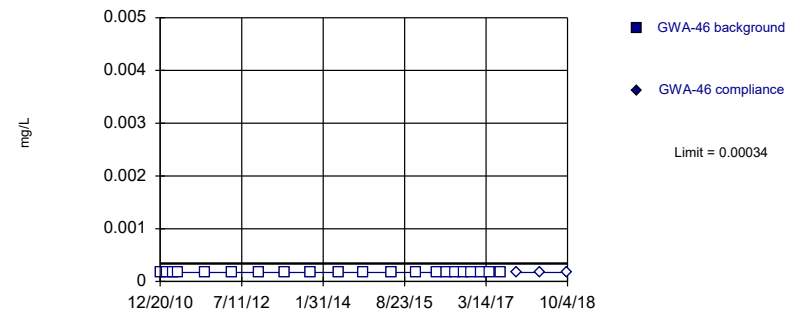


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

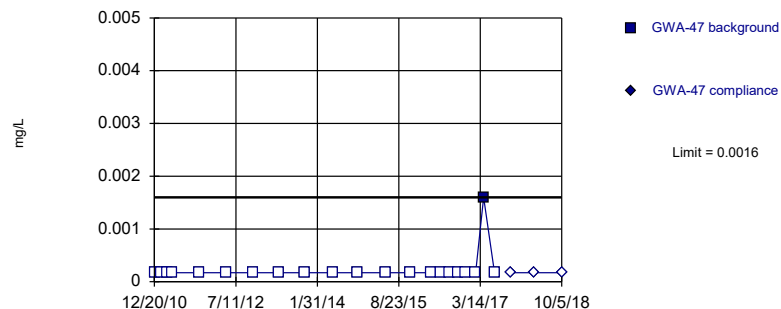


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

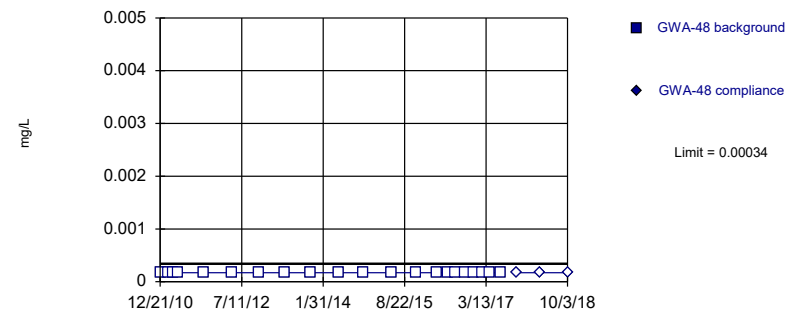


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

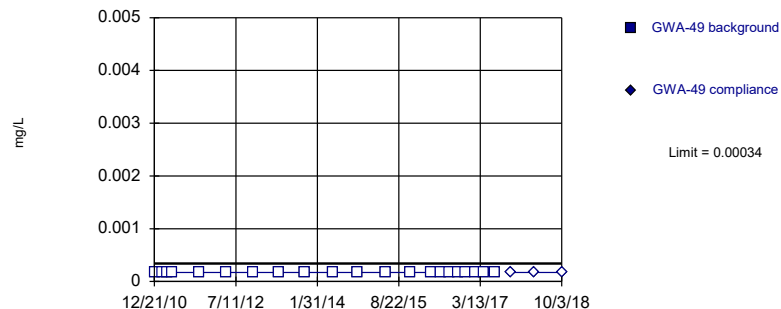


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

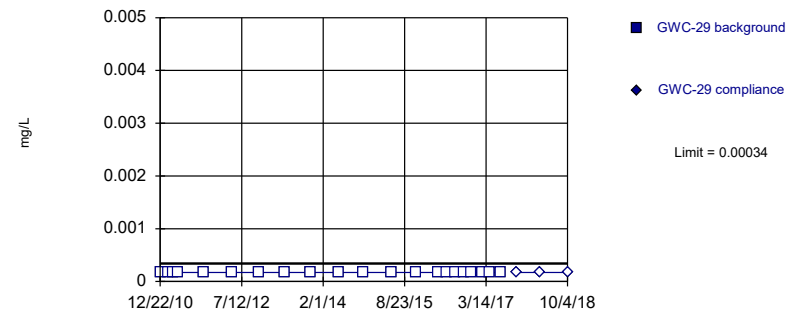


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

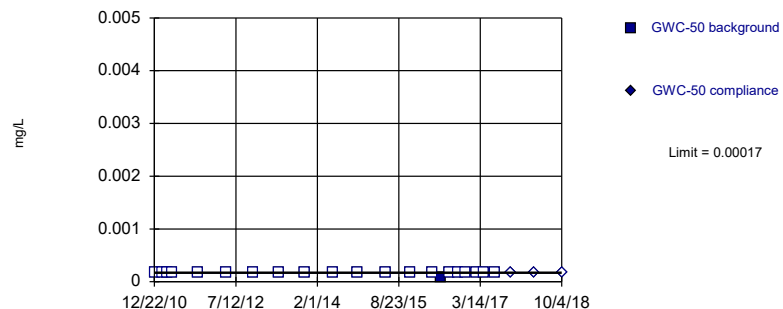


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

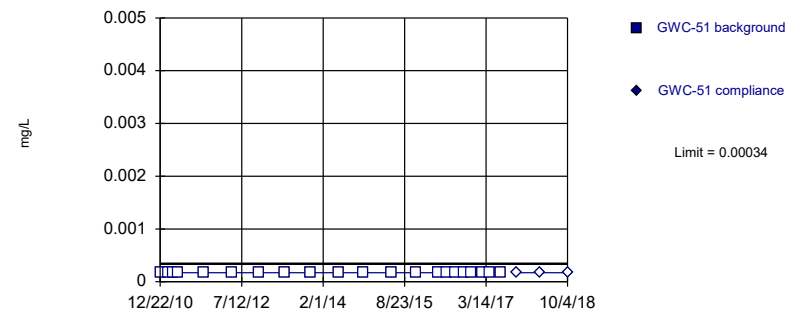


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

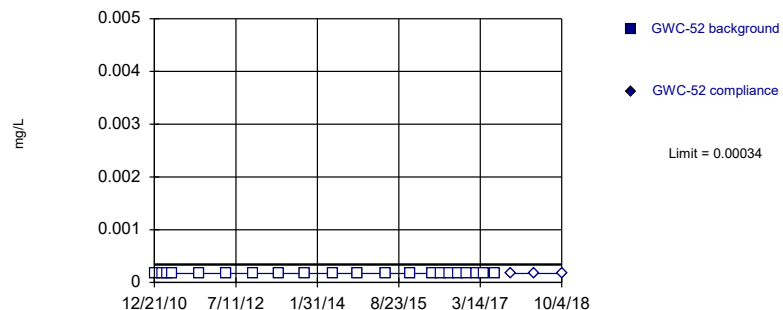


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

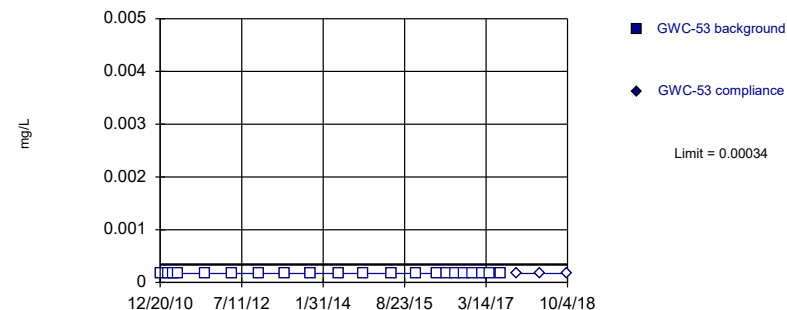


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



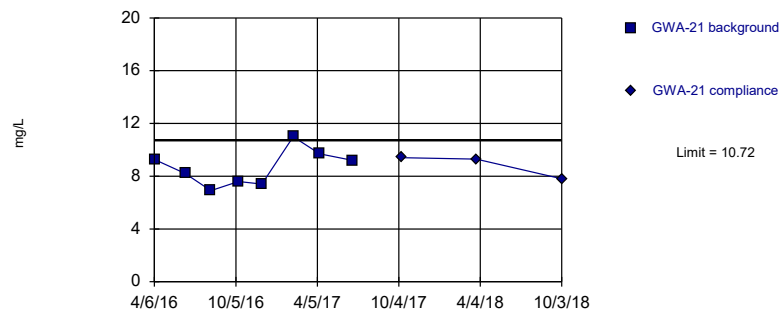
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



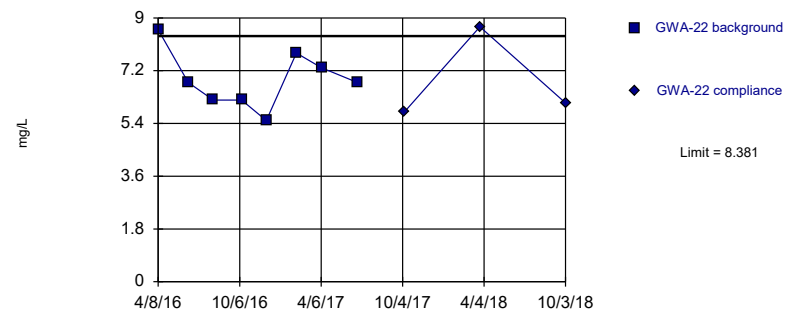
Background Data Summary: Mean=8.659, Std. Dev.=1.375, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



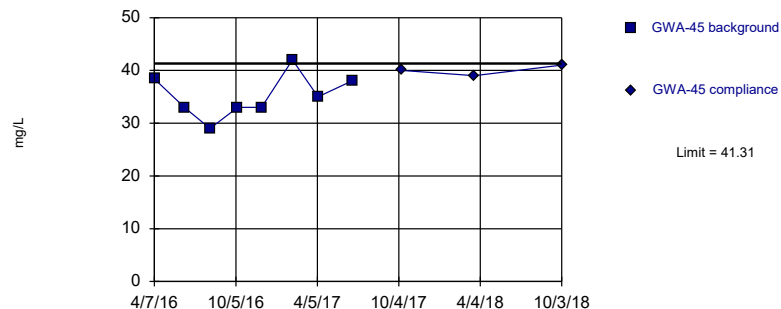
Background Data Summary: Mean=6.9, Std. Dev.=0.9871, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



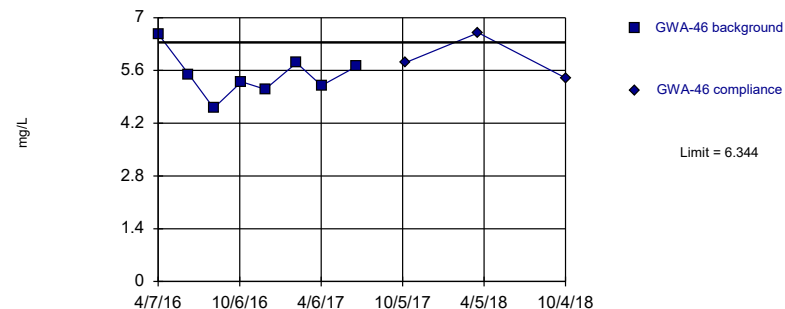
Background Data Summary: Mean=35.16, Std. Dev.=4.102, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



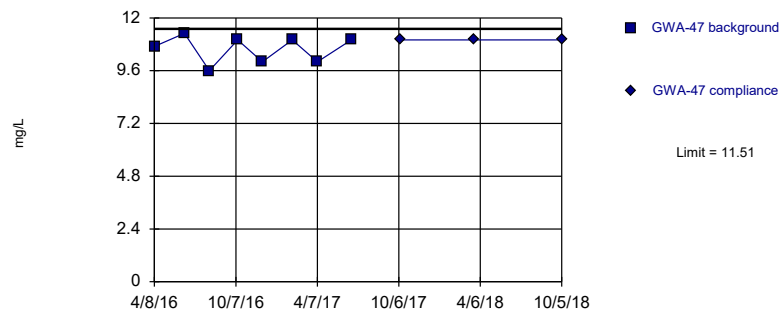
Background Data Summary: Mean=5.471, Std. Dev.=0.5817, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



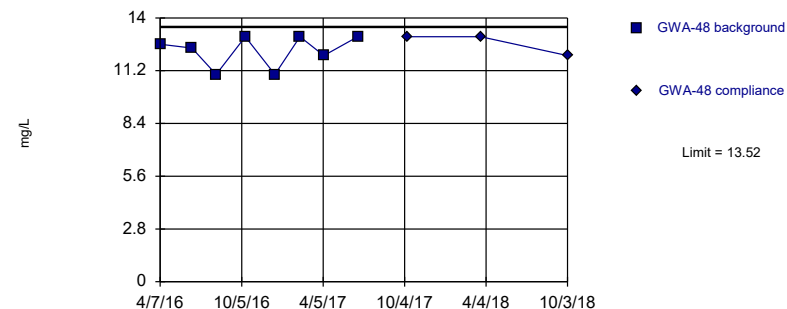
Background Data Summary: Mean=10.58, Std. Dev.=0.6205, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8759, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



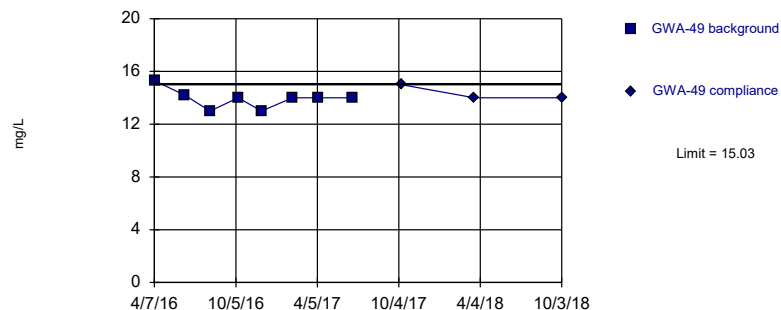
Background Data Summary: Mean=12.25, Std. Dev.=0.8468, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8199, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



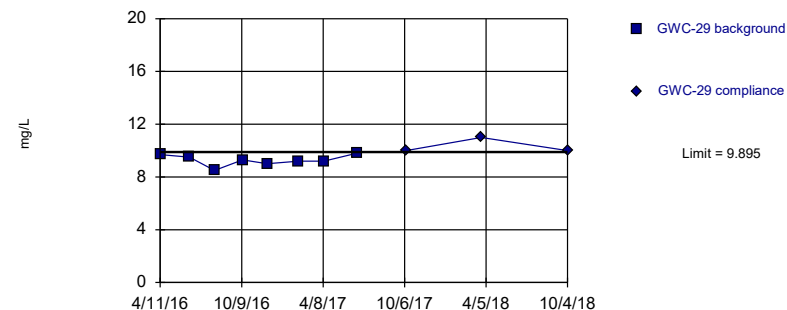
Background Data Summary: Mean=13.94, Std. Dev.=0.7269, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8486, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



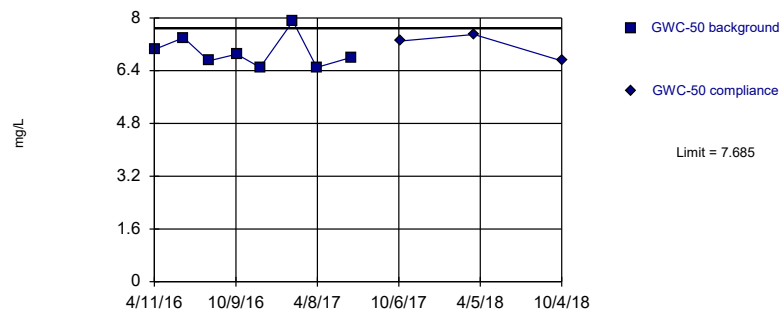
Background Data Summary: Mean=9.275, Std. Dev.=0.4132, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



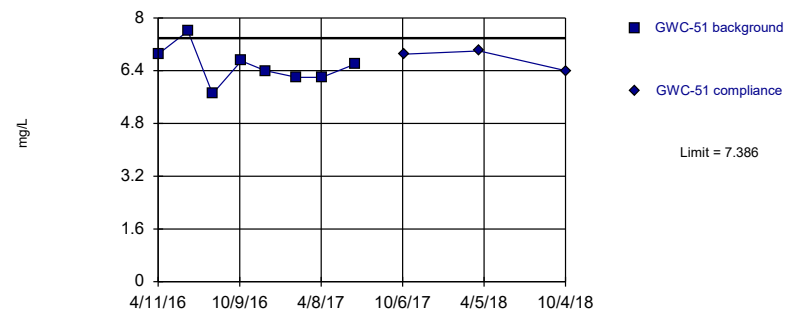
Background Data Summary: Mean=6.968, Std. Dev.=0.4786, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



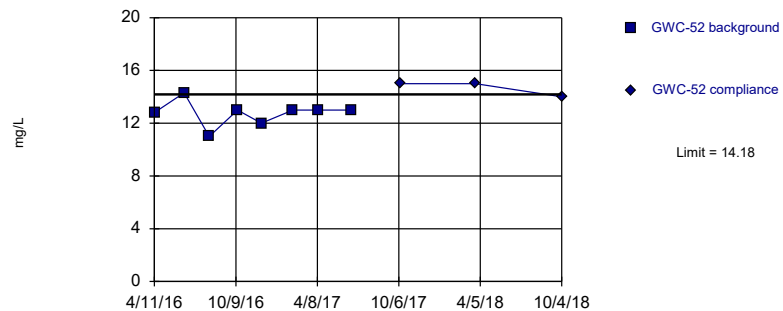
Background Data Summary: Mean=6.538, Std. Dev.=0.5655, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



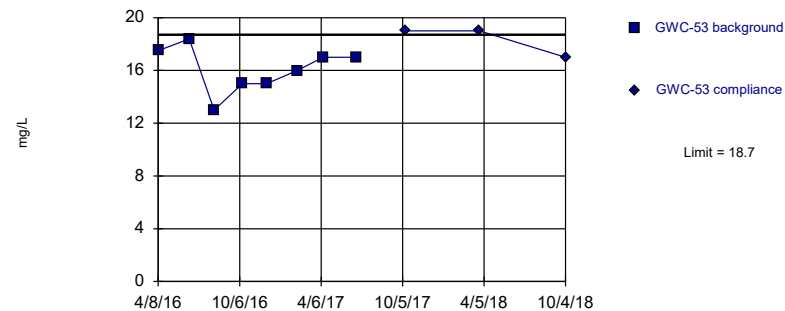
Background Data Summary: Mean=12.76, Std. Dev.=0.9471, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8784, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



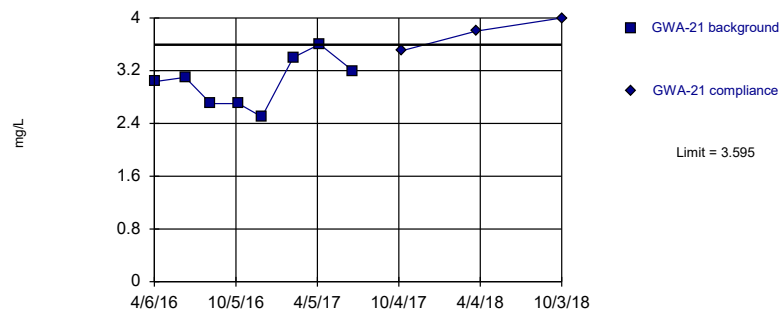
Background Data Summary: Mean=16.11, Std. Dev.=1.728, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.953, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



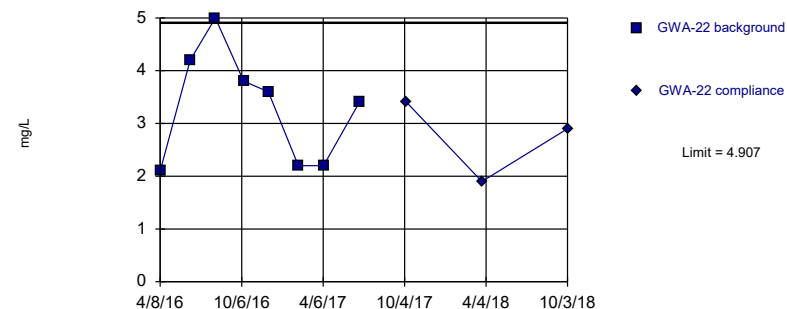
Background Data Summary: Mean=3.029, Std. Dev.=0.3769, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



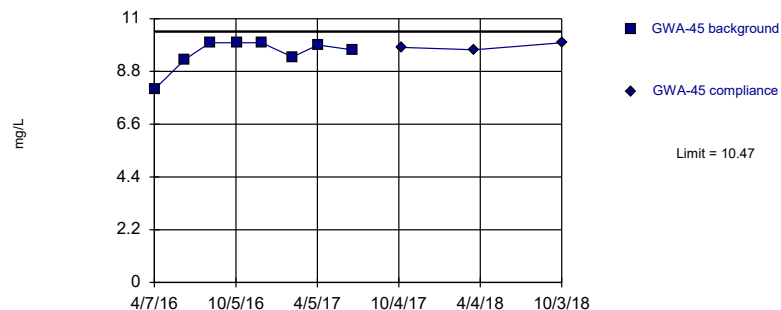
Background Data Summary: Mean=3.313, Std. Dev.=1.063, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



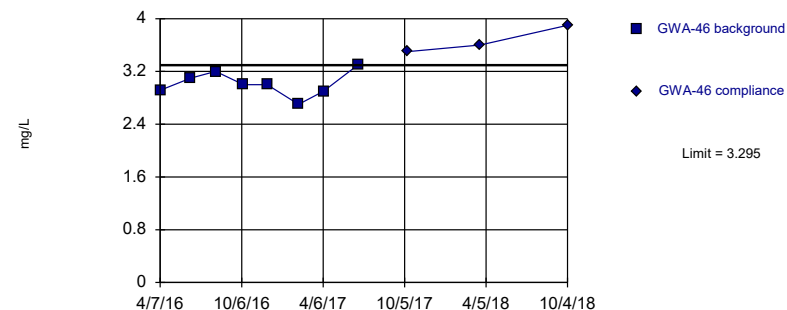
Background Data Summary (based on square transformation): Mean=91.47, Std. Dev.=12.03, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7639, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



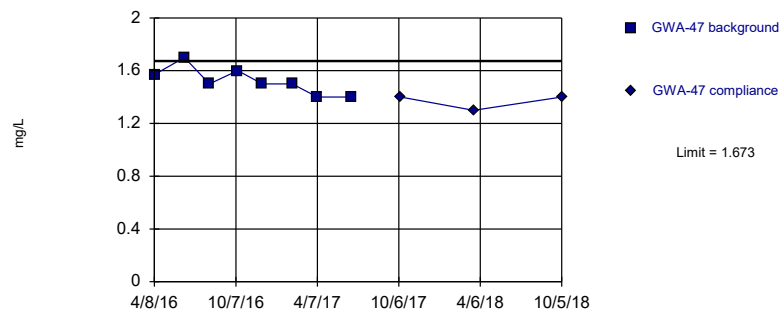
Background Data Summary: Mean=3.014, Std. Dev.=0.1874, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



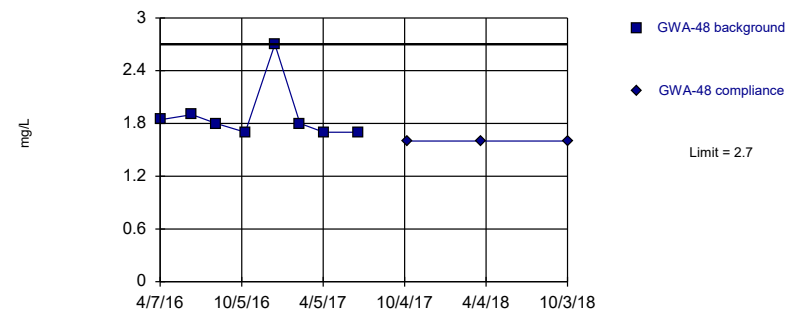
Background Data Summary: Mean=1.521, Std. Dev.=0.1009, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9268, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



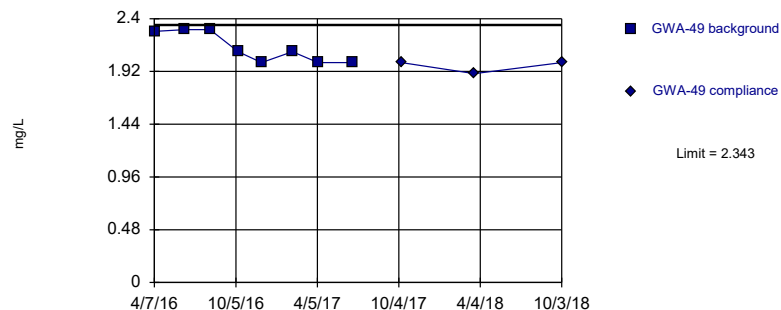
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



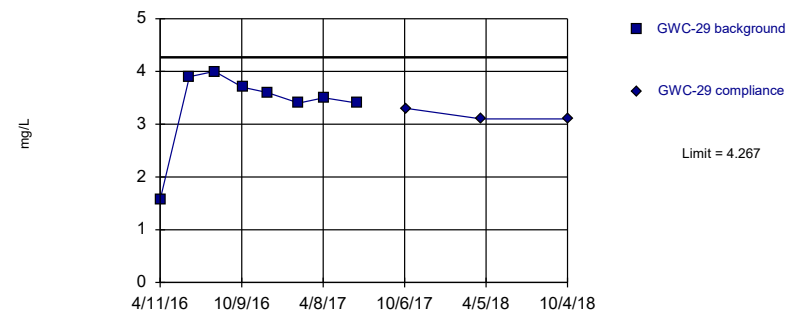
Background Data Summary: Mean=2.136, Std. Dev.=0.1384, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7934, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



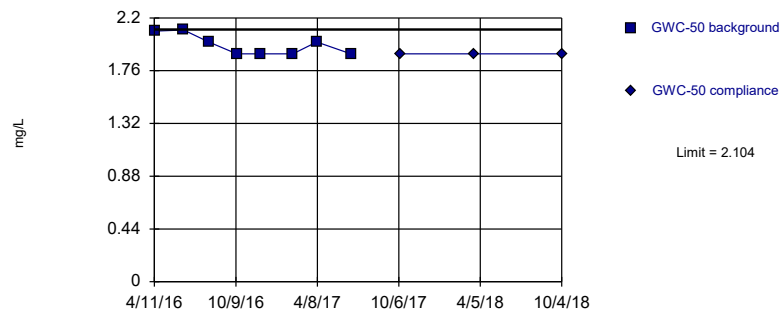
Background Data Summary (based on square transformation): Mean=11.96, Std. Dev.=4.165, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.784, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



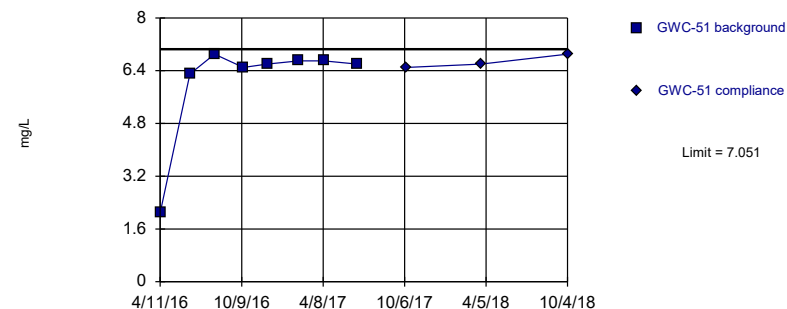
Background Data Summary: Mean=1.974, Std. Dev.=0.08667, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7929, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



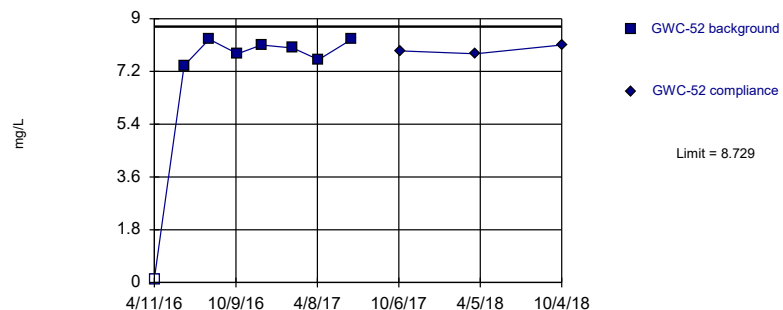
Background Data Summary (based on x⁶ transformation): Mean=74021, Std. Dev.=32600, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7912, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



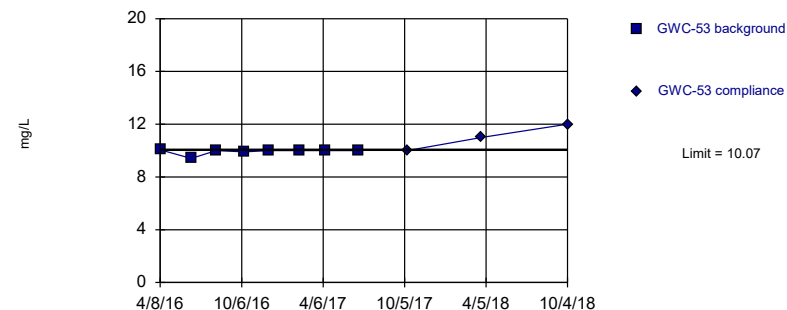
Background Data Summary (based on x⁴ transformation): Mean=3491, Std. Dev.=1543, n=8, 12.5% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7841, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

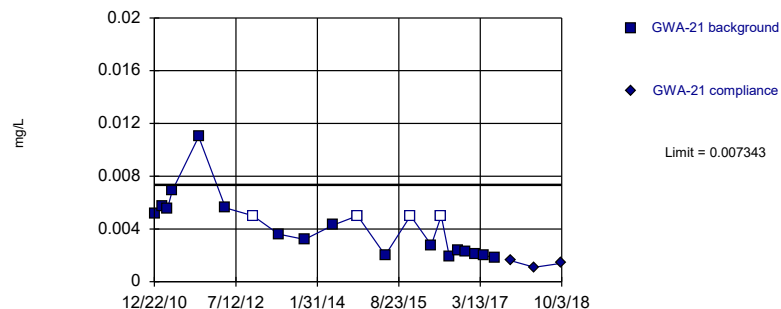
Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Aitchison's Adjustment): Mean=0.04941, Std. Dev.=0.02916, n=21, 19.05% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9084, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

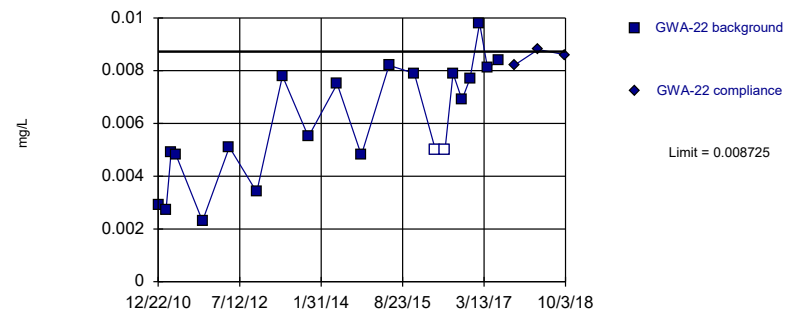
Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006029, Std. Dev.=0.002167, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9297, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

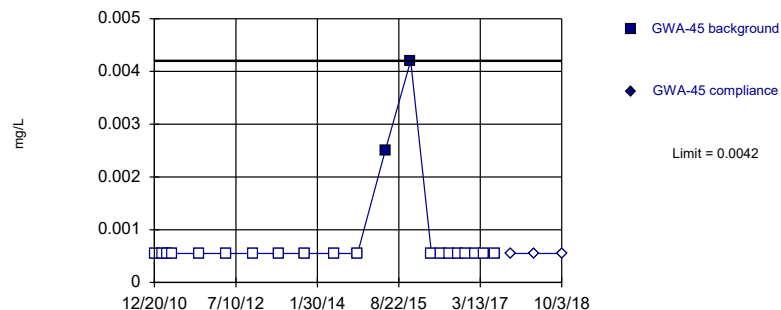
Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

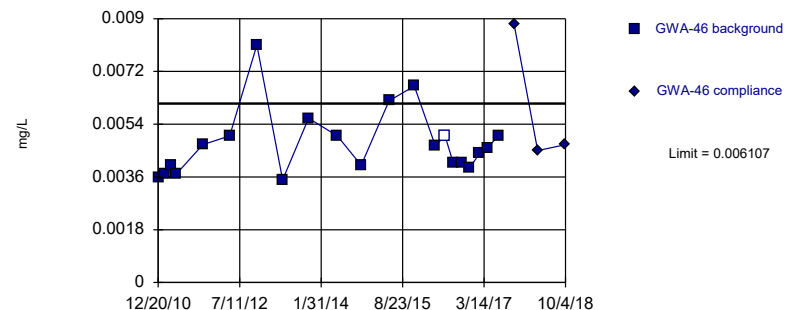
Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.06844, Std. Dev.=0.007808, n=21, 4.762% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8926, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

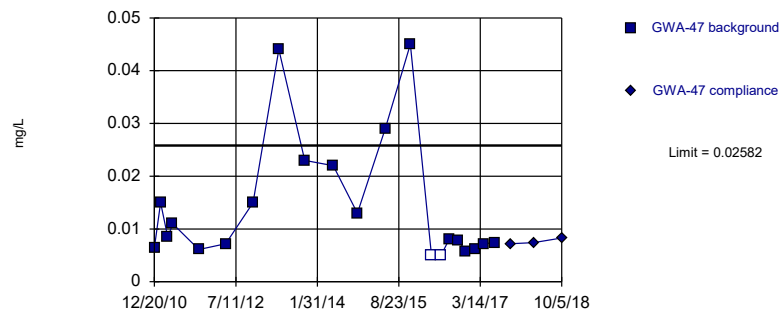
Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.516, Std. Dev.=0.6905, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8836, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

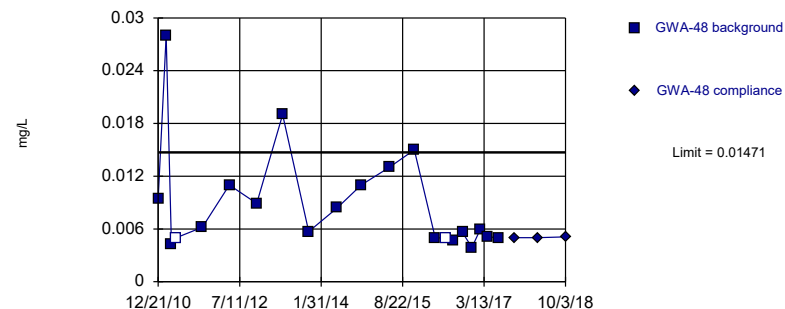
Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.89, Std. Dev.=0.5392, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8964, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

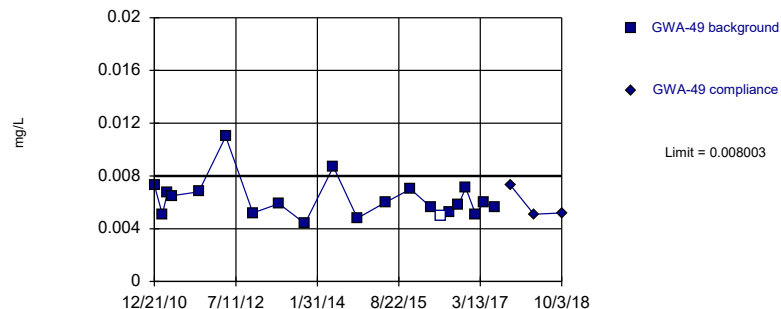
Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.07848, Std. Dev.=0.008828, n=21, 4.762% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8909, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

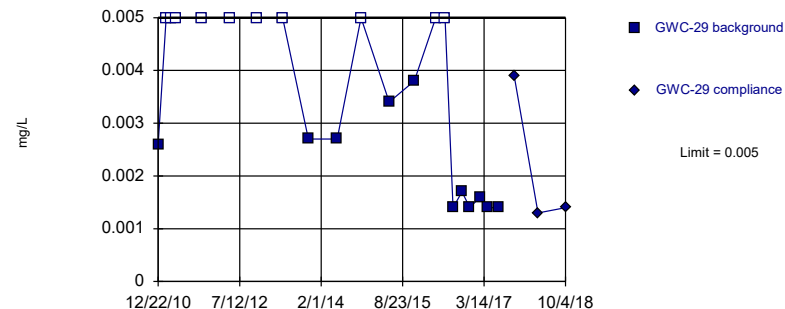
Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



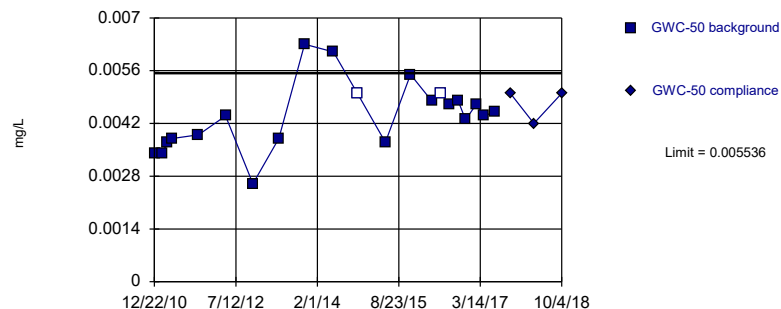
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



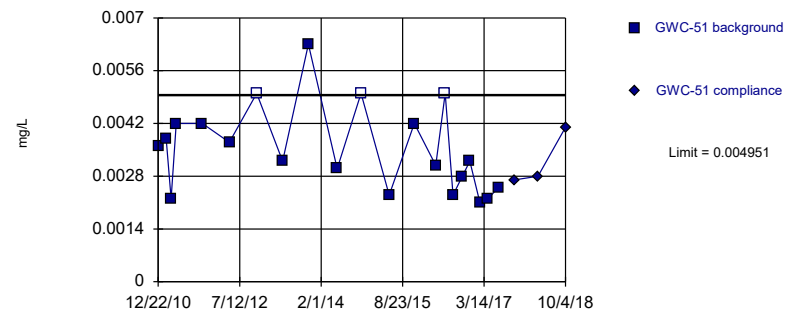
Background Data Summary: Mean=0.004419, Std. Dev.=0.0008979, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9708, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



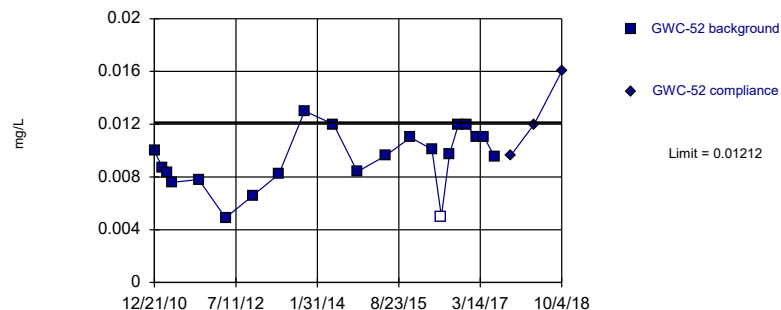
Background Data Summary: Mean=0.003519, Std. Dev.=0.001151, n=21, 14.29% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9297, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



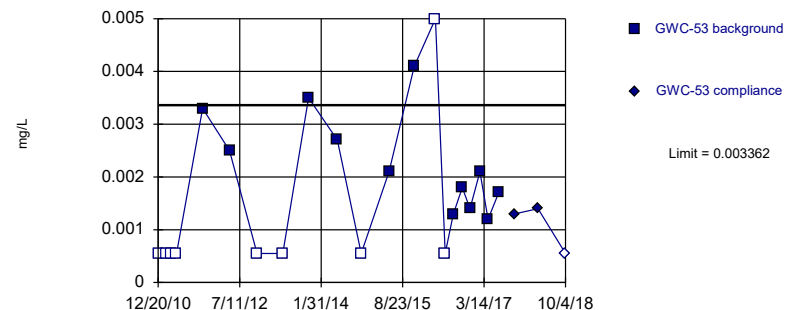
Background Data Summary: Mean=0.009352, Std. Dev.=0.002228, n=21, 4.762% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9613, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric

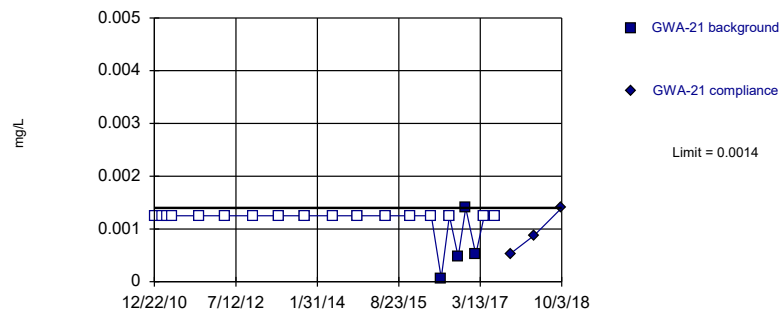


Background Data Summary (based on square root transformation) (after Aitchison's Adjustment): Mean=0.02695, Std. Dev.=0.02494, n=21, 42.86% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8839, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

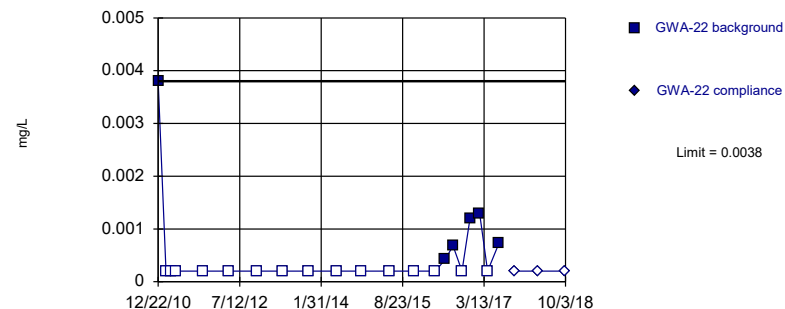


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

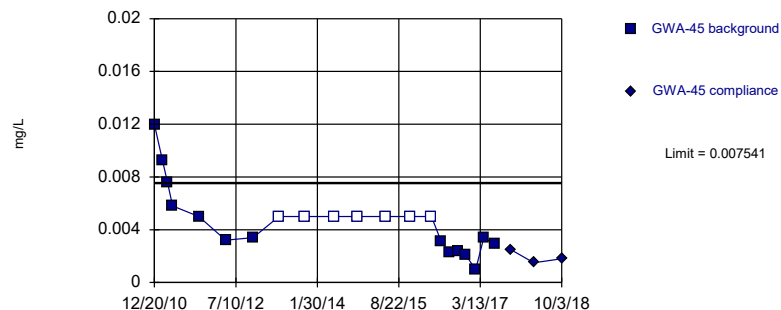


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

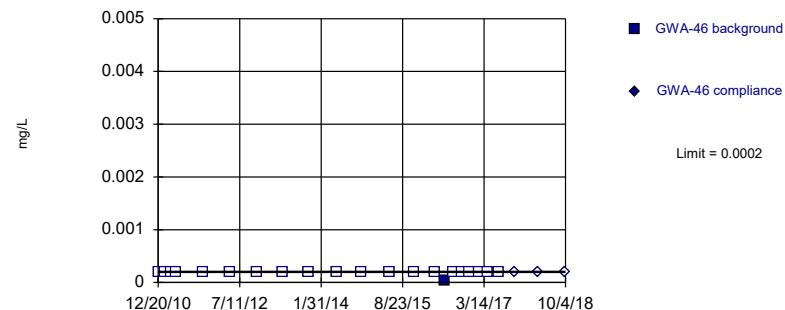


Background Data Summary (based on square root transformation) (after Aitchison's Adjustment): Mean=0.04269, Std. Dev.=0.03549, n=21, 33.33% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9396, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

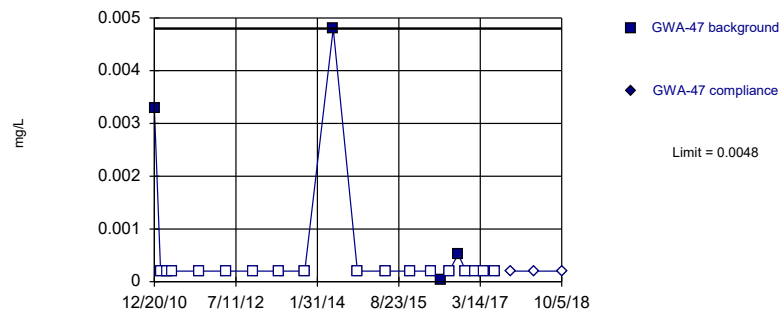


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

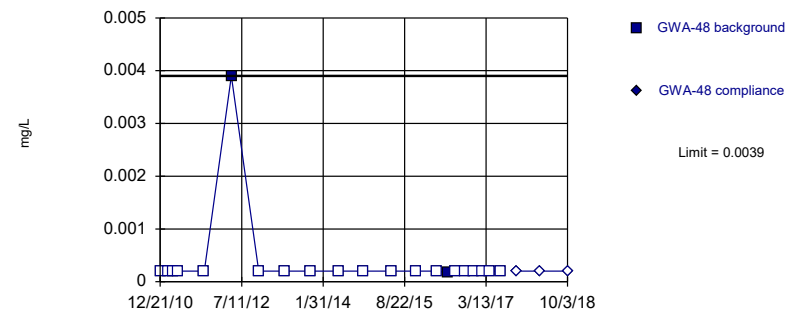


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

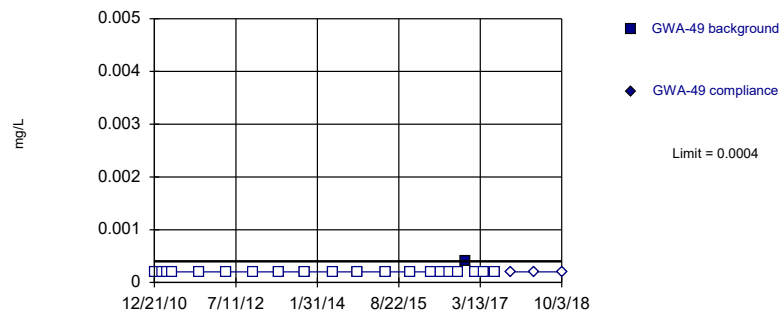


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

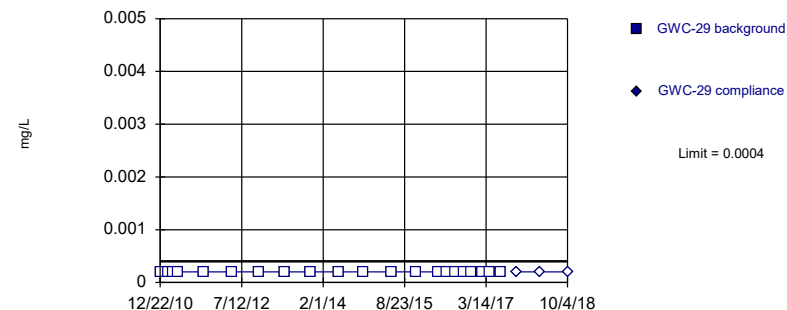


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

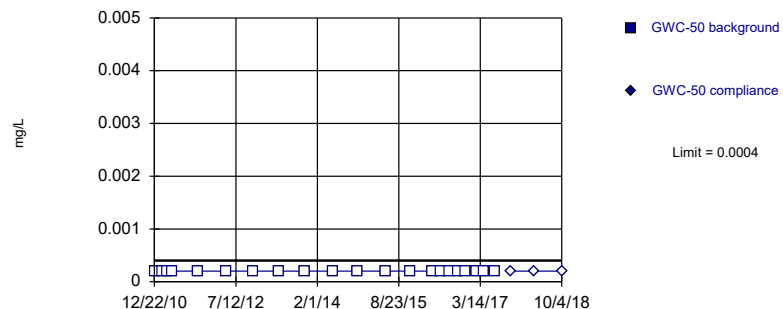


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

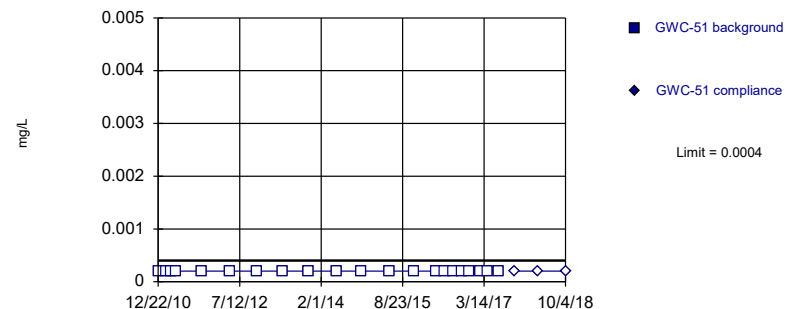


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

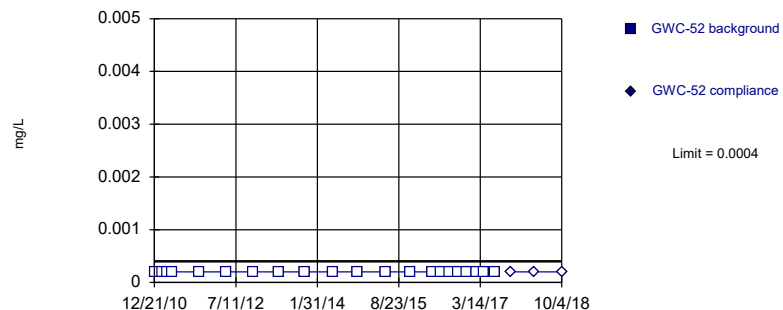


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

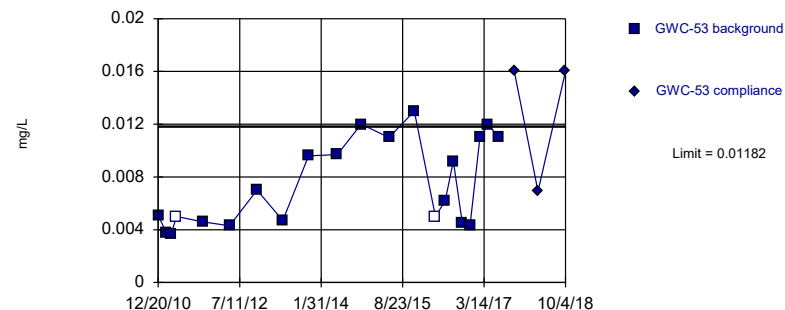


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

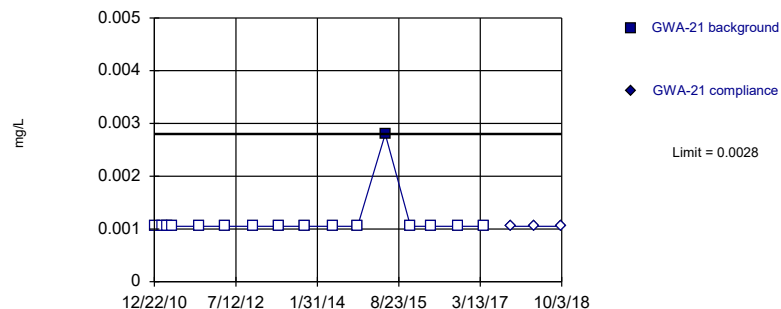


Background Data Summary (based on natural log transformation): Mean=-4.992, Std. Dev.=0.4453, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8749, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

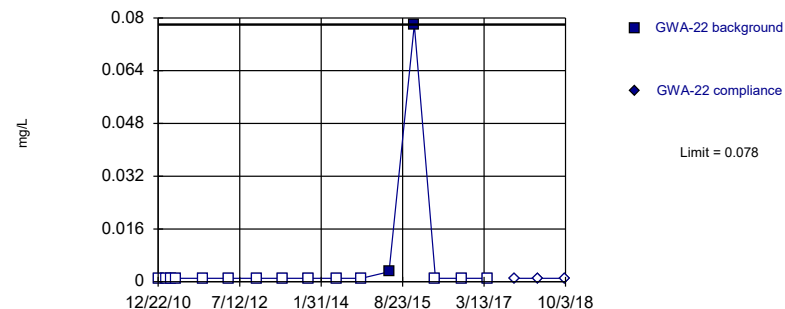


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

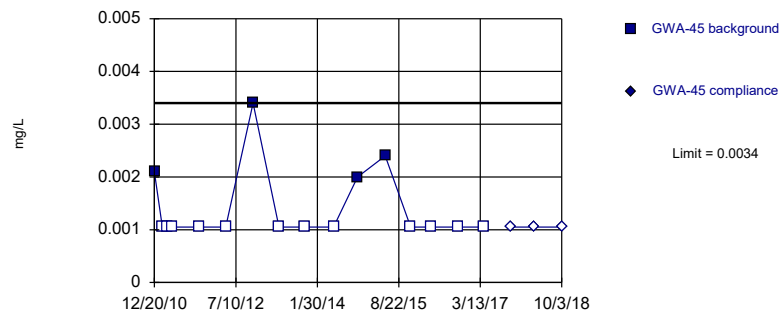


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

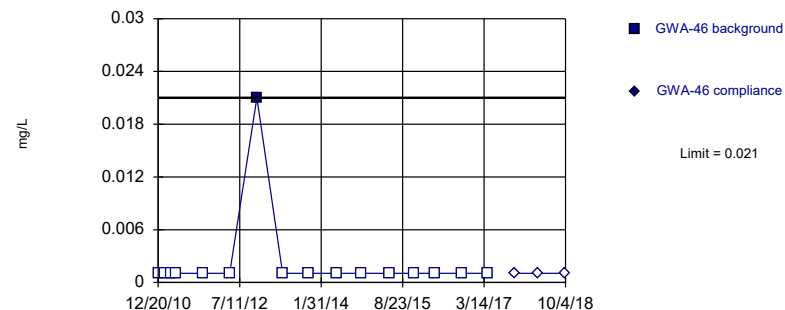


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



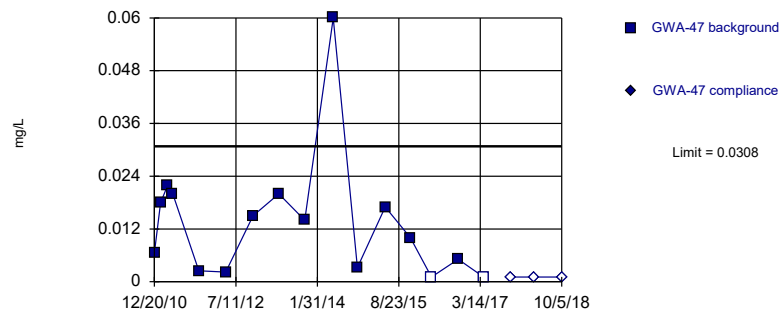
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



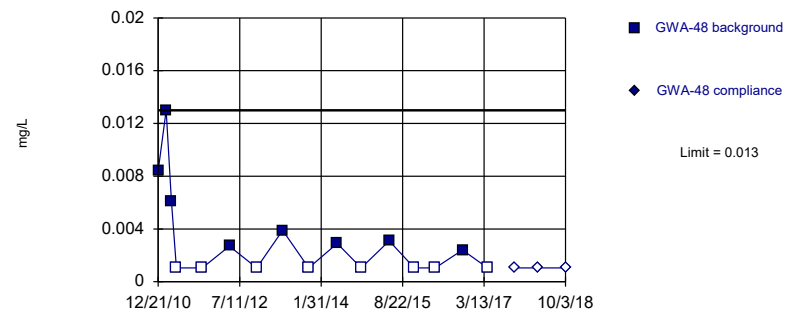
Background Data Summary (based on square root transformation): Mean=0.1032, Std. Dev.=0.05602, n=16, 12.5% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9115, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



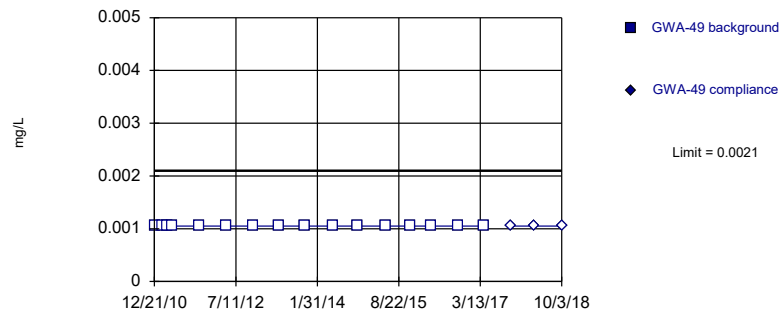
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



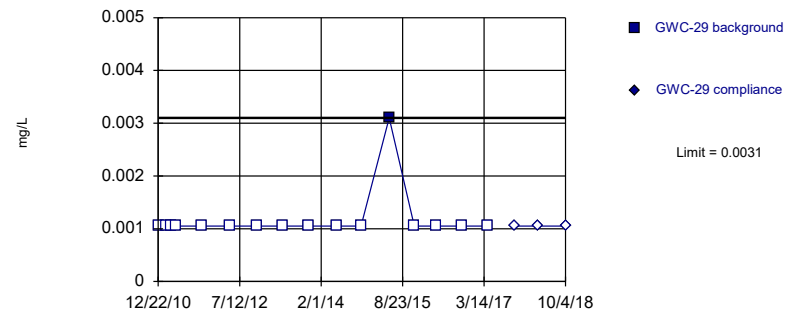
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

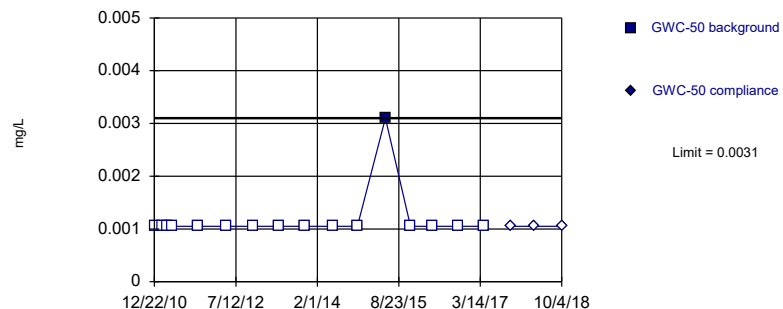


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

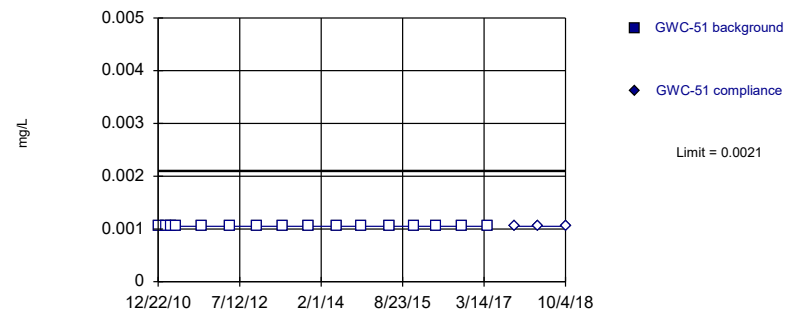


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

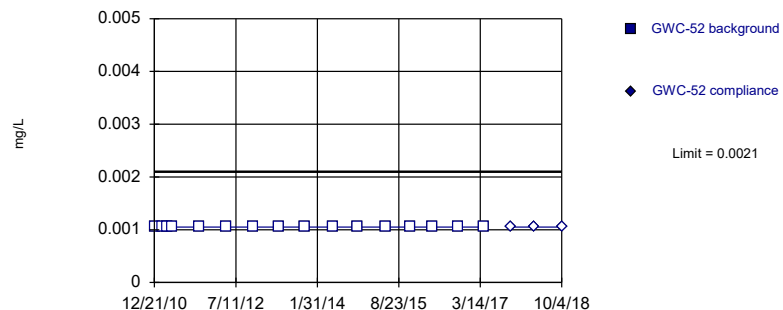


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

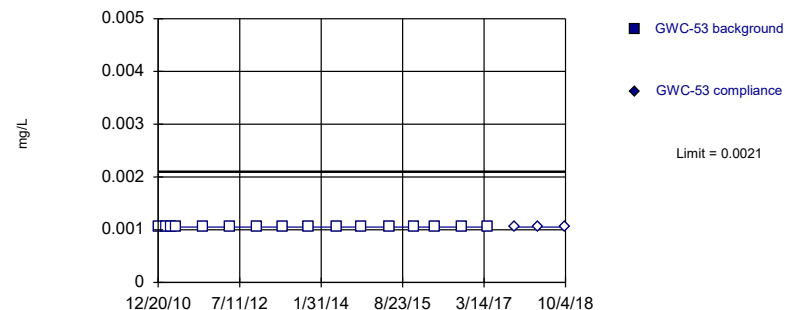


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

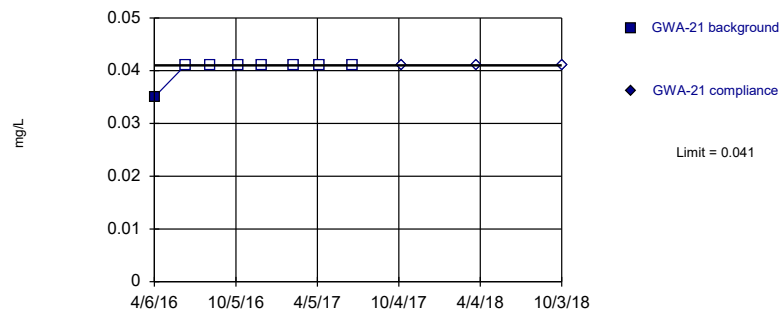


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

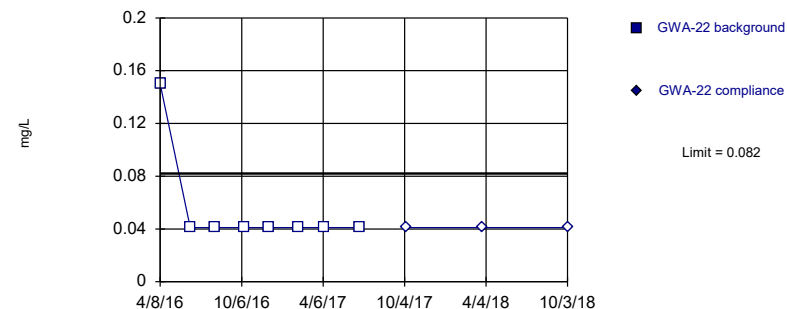


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

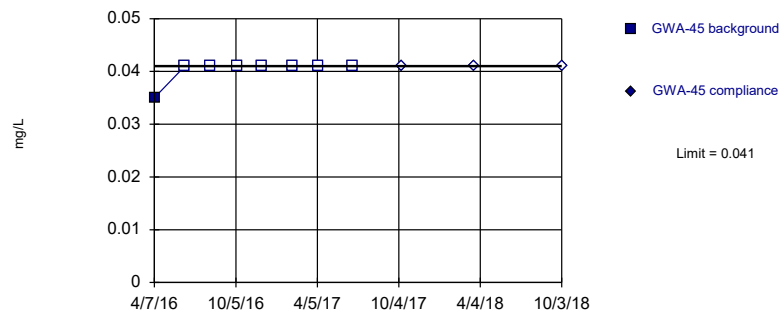


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

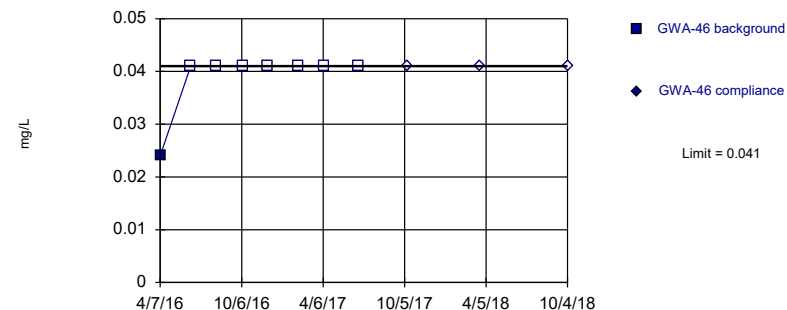


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

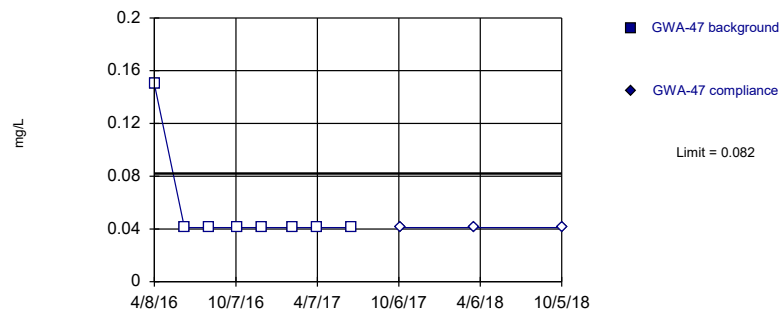


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

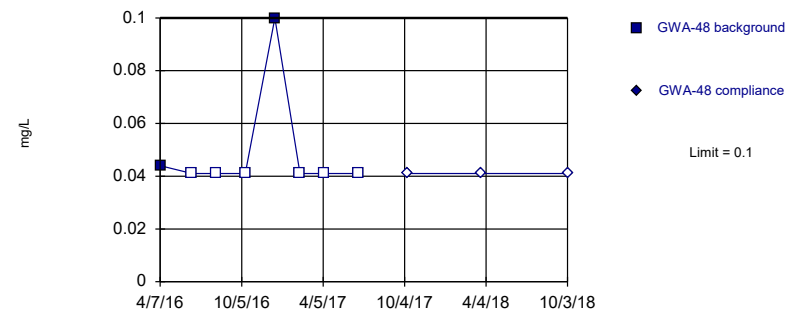


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

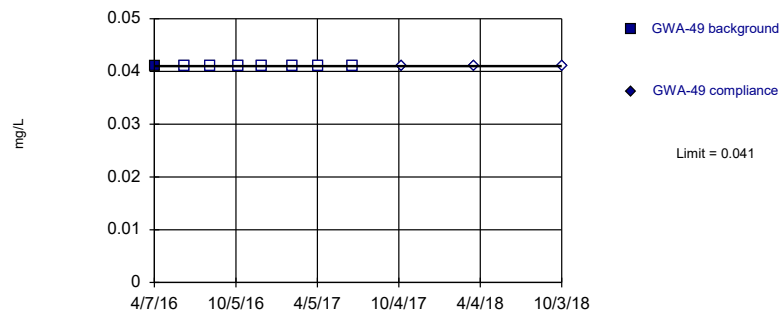


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

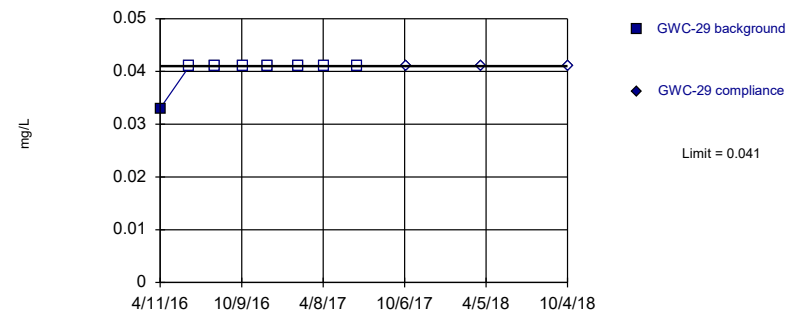


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

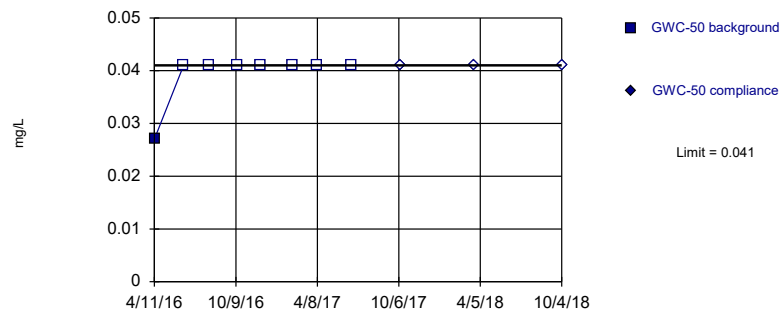


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

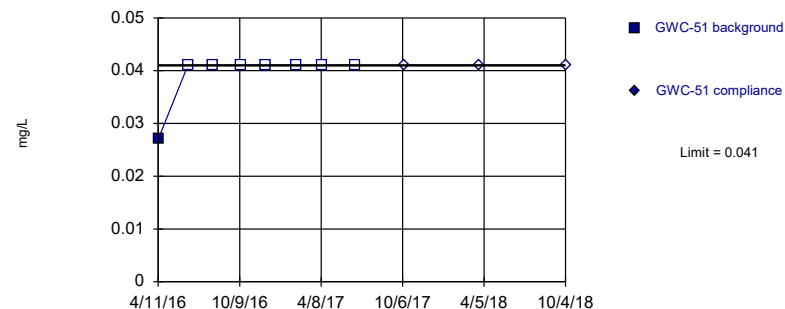


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

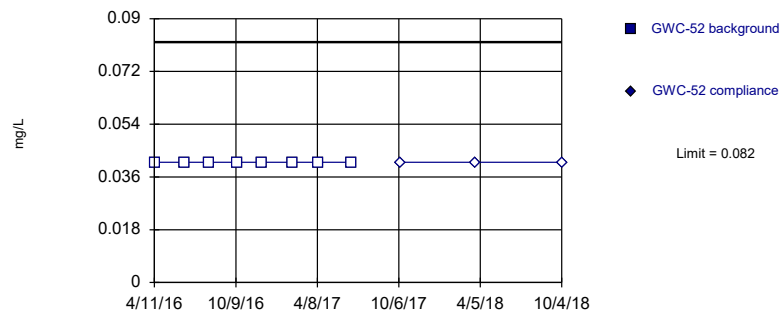


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

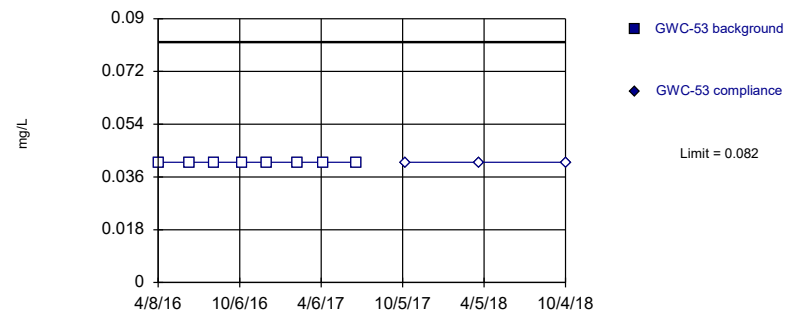


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

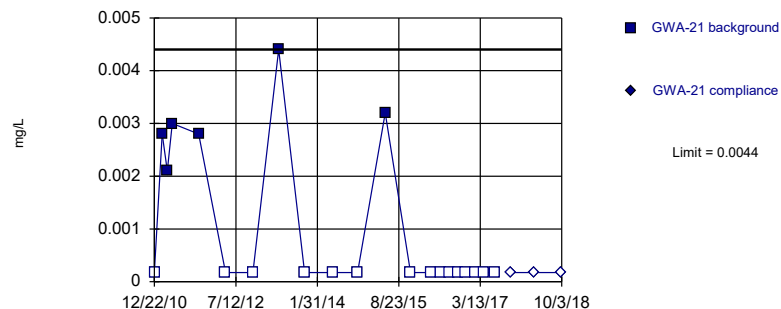


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

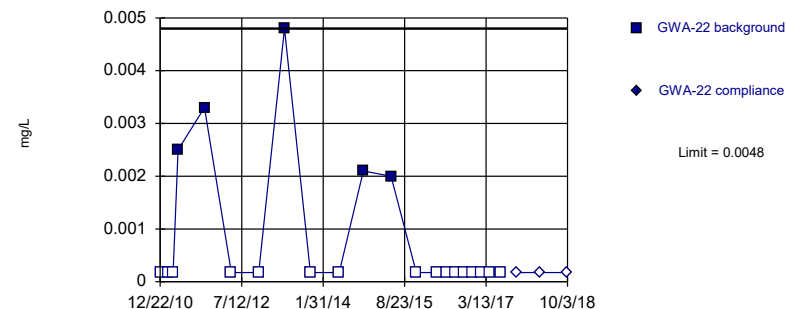


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

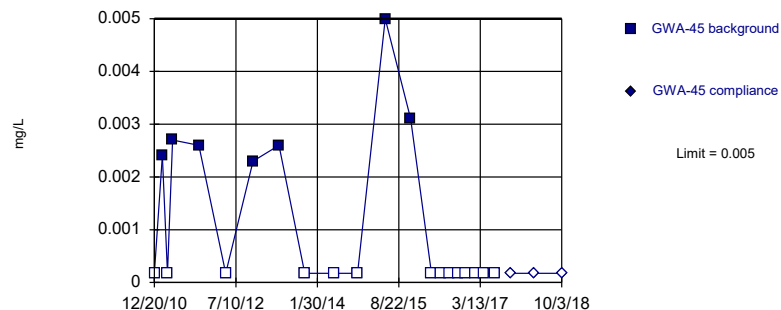


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

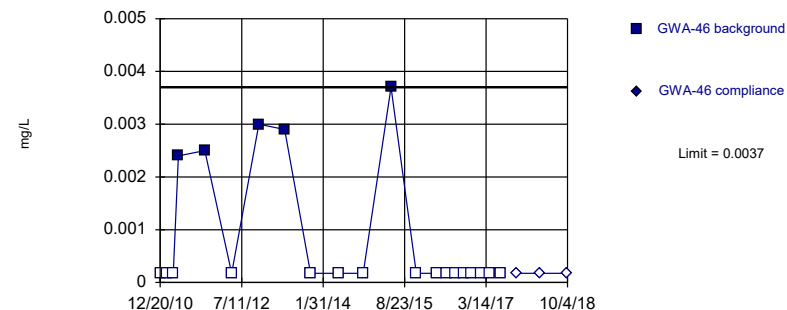


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

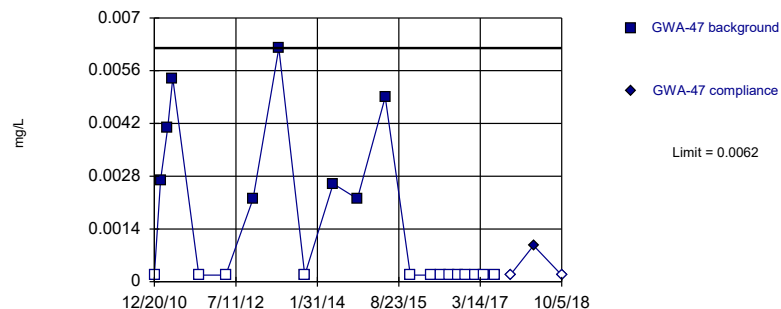


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

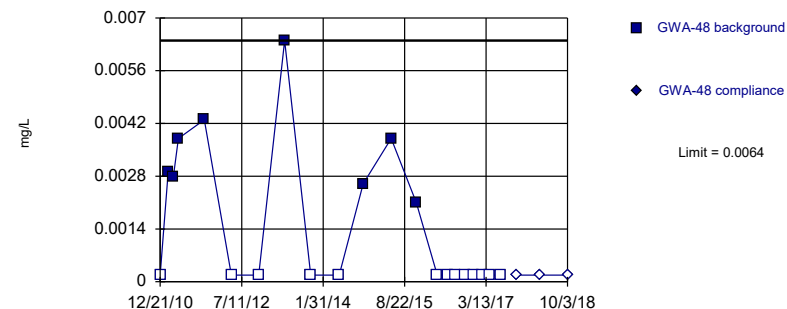


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

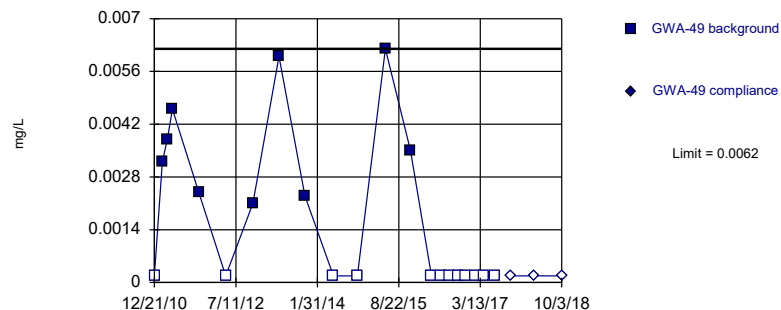


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

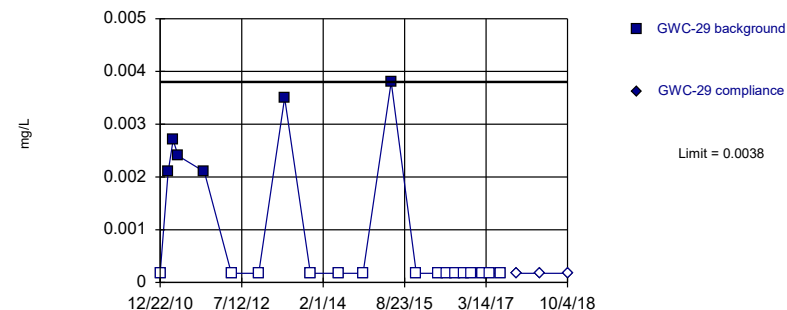


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

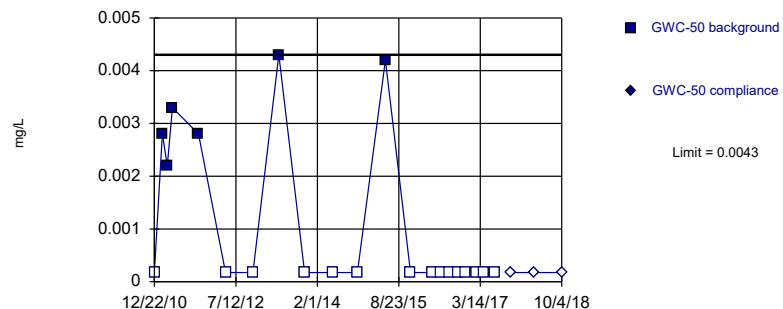


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

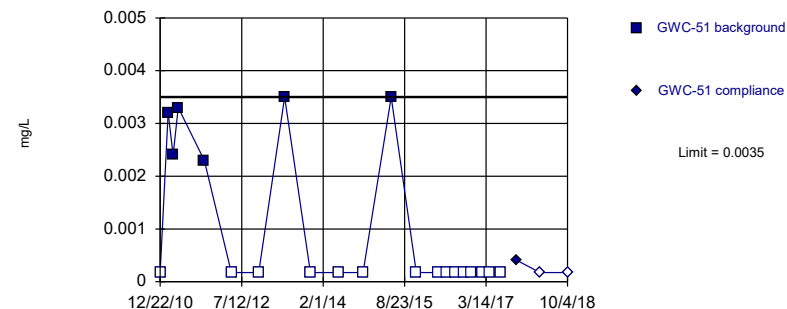


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

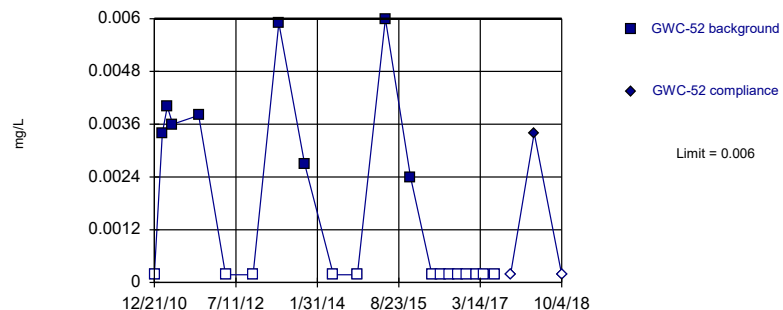


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

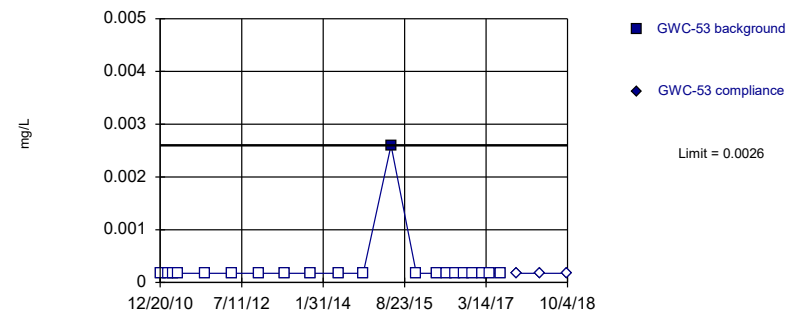


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

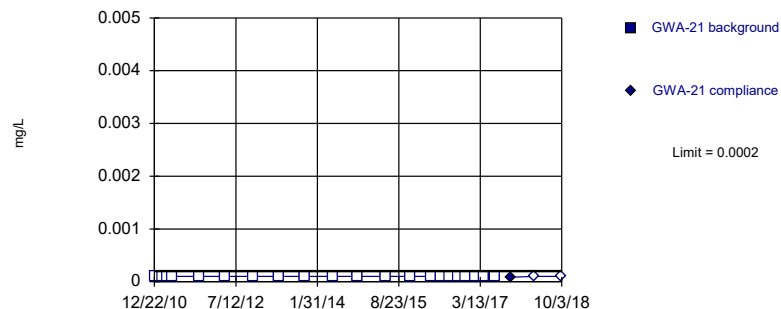


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

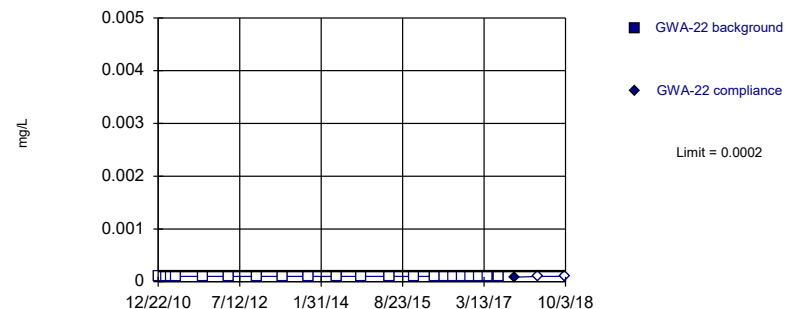


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

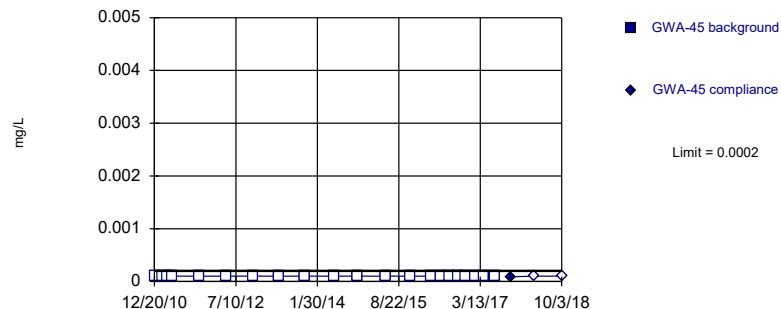


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

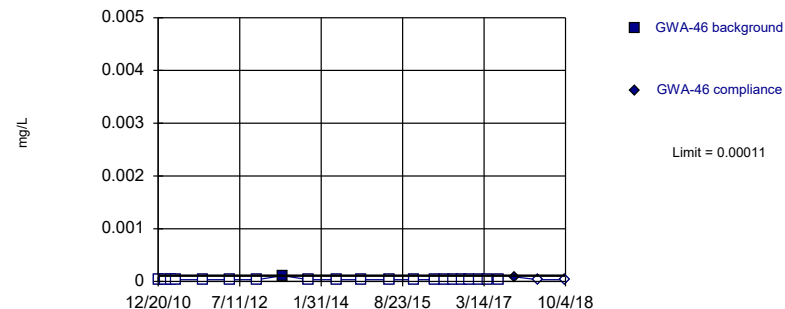


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 21$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

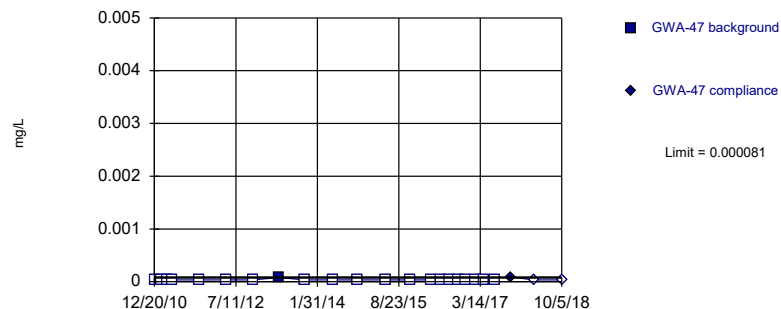


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

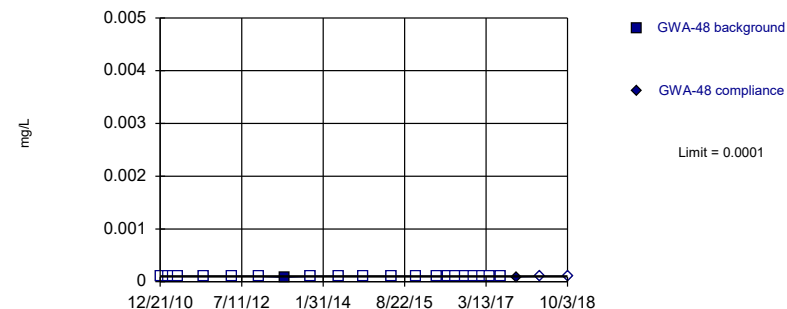


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

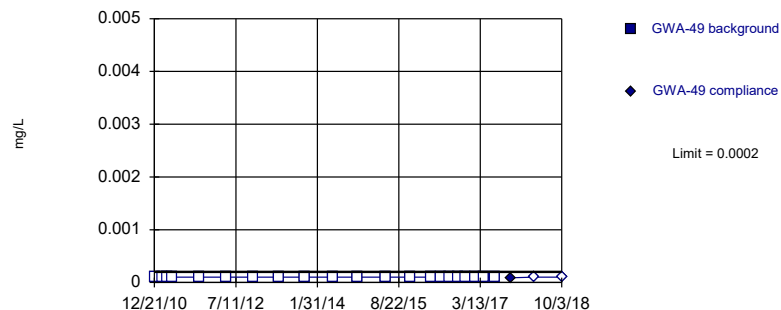


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

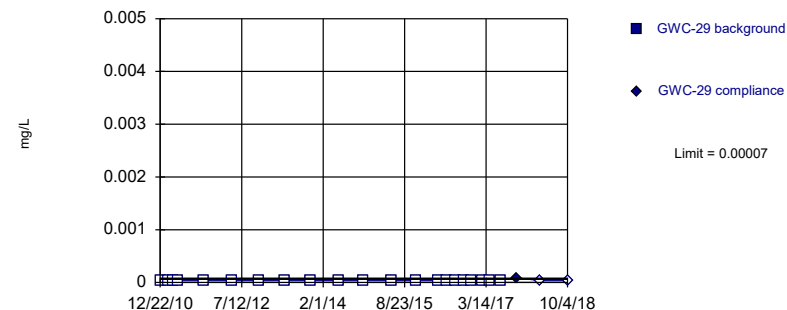


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

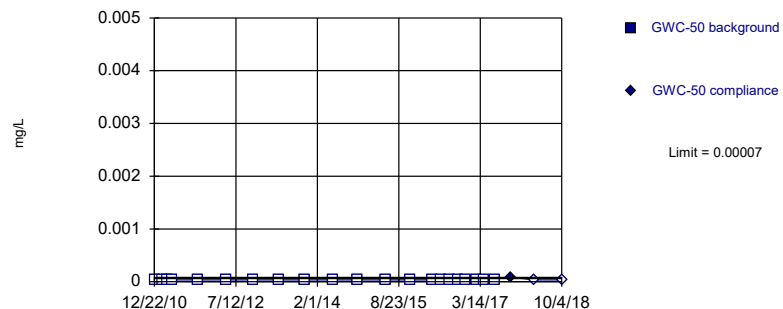


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

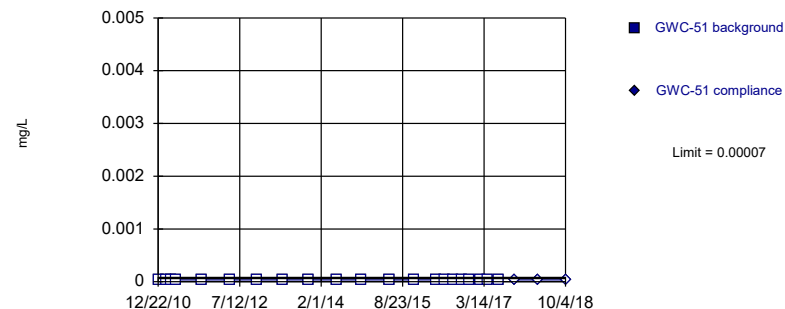


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

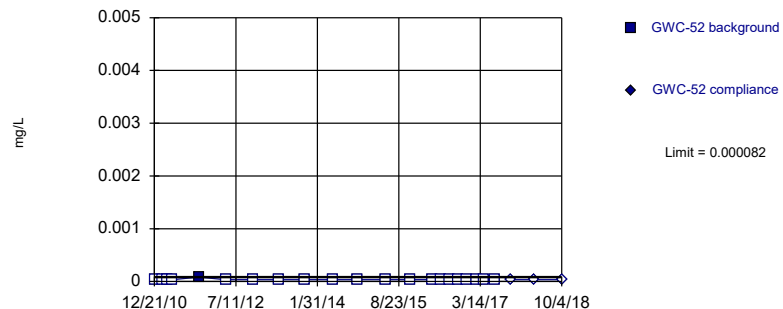


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

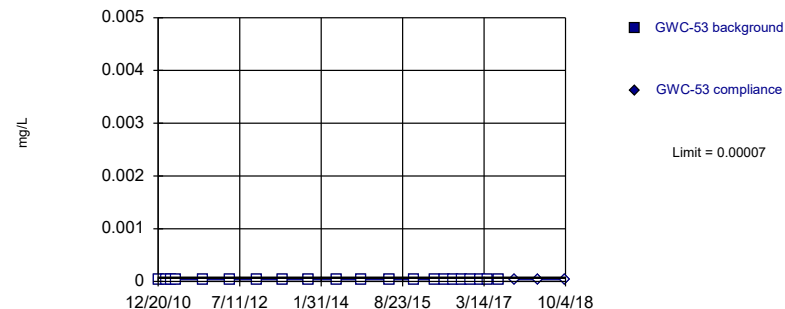


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

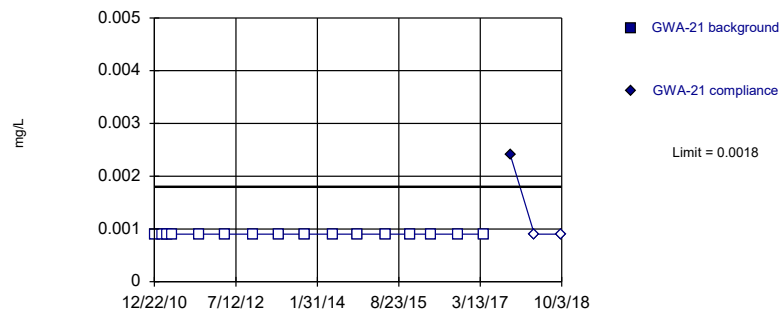


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

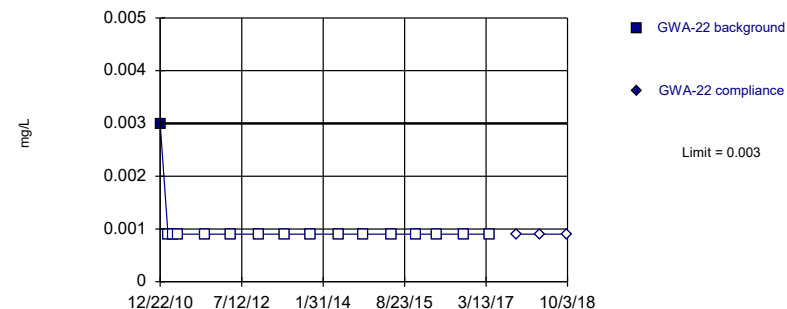


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

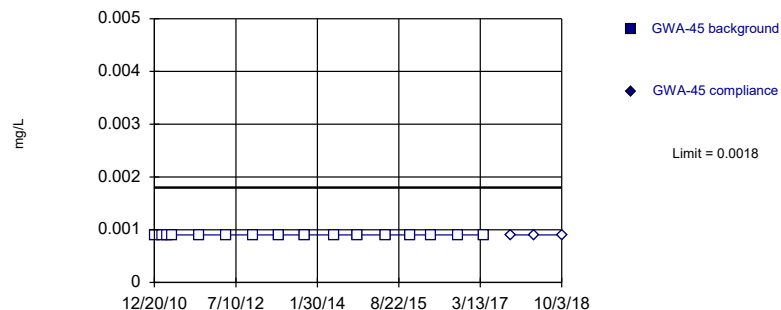


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

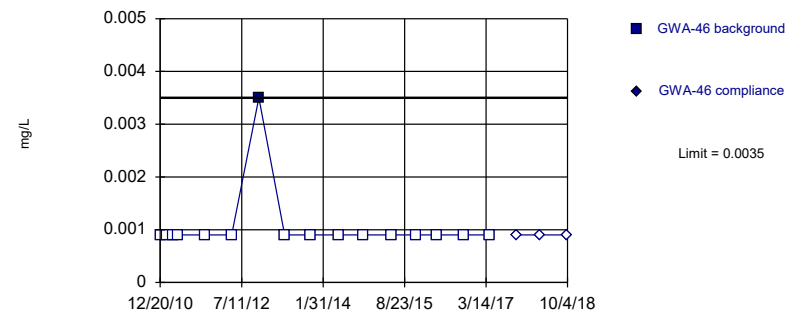


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



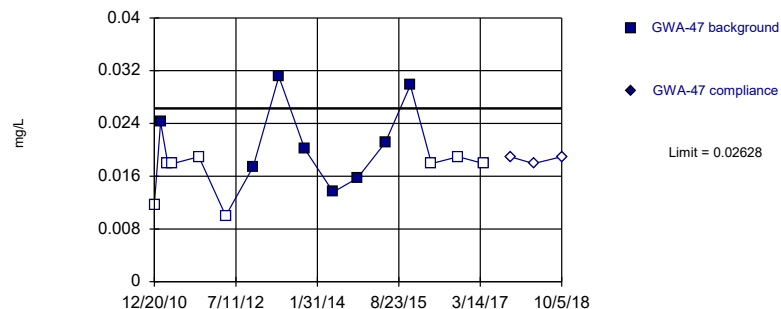
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



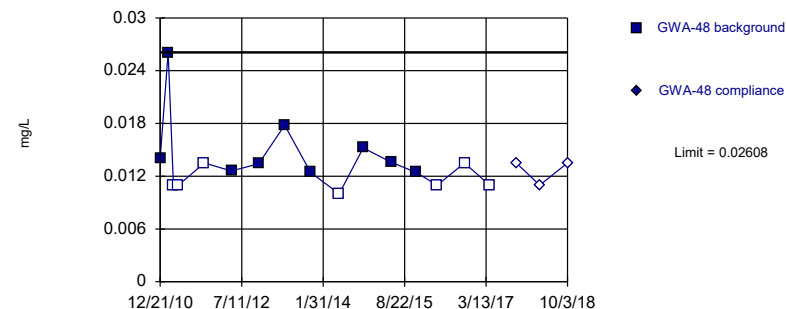
Background Data Summary (after Aitchison's Adjustment): Mean=0.01082, Std. Dev.=0.01198, n=16, 50% NDs. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9148, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



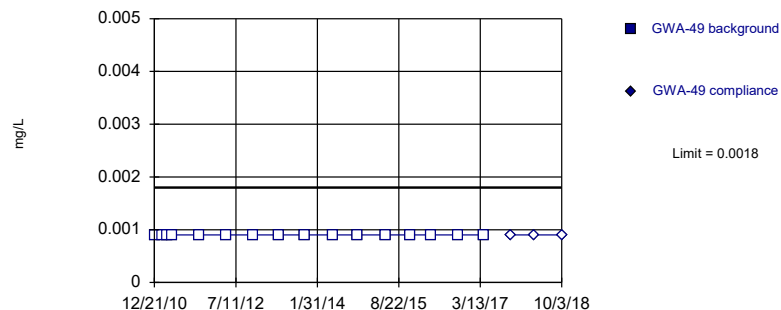
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Data were deseasonalized.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



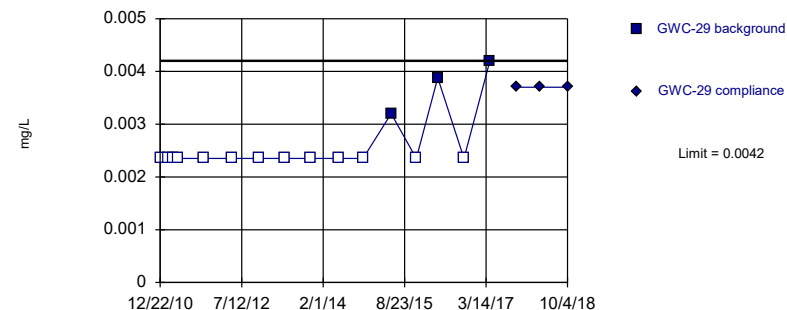
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

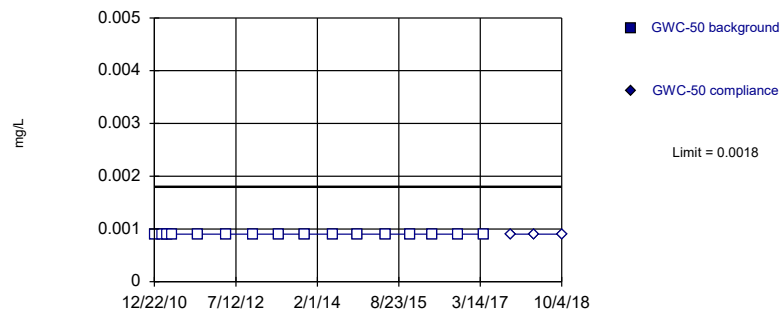


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

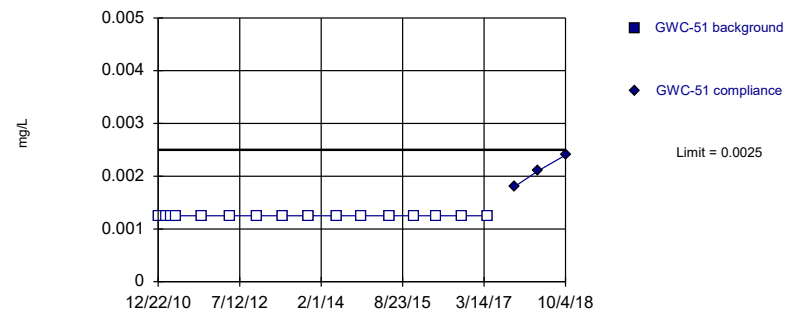


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

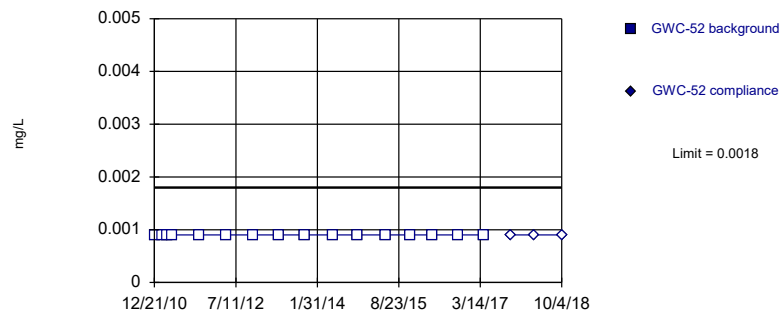


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

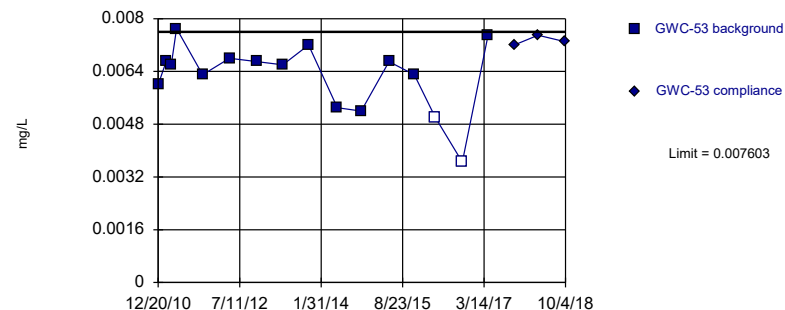


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



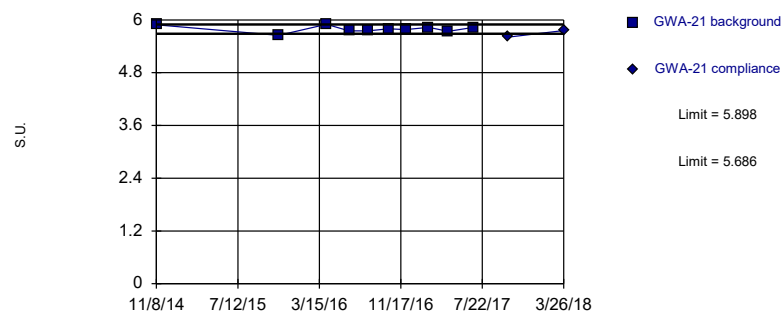
Background Data Summary: Mean=0.006266, Std. Dev.=0.001036, n=16, 12.5% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9106, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



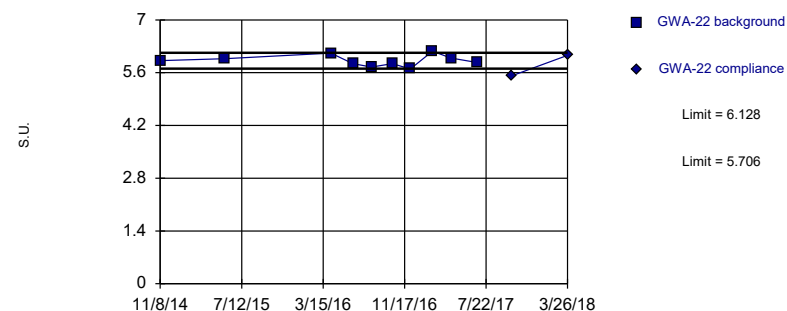
Background Data Summary: Mean=5.792, Std. Dev.=0.0751, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



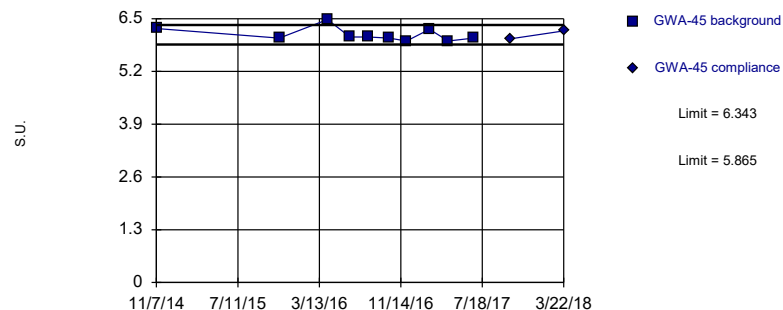
Background Data Summary: Mean=5.917, Std. Dev.=0.15, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



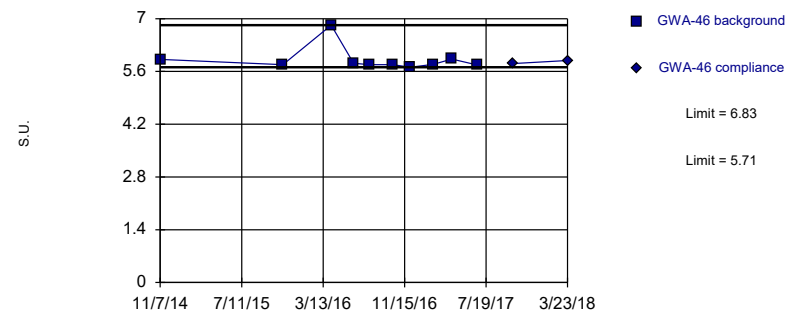
Background Data Summary: Mean=6.104, Std. Dev.=0.1695, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8116, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



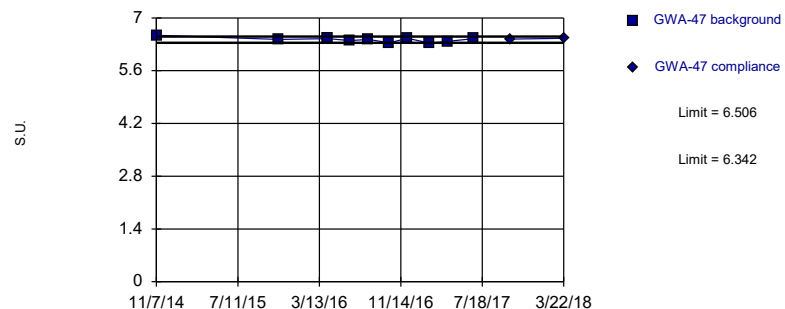
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 10 background values. Well-constituent pair annual alpha = 0.0303 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Parametric



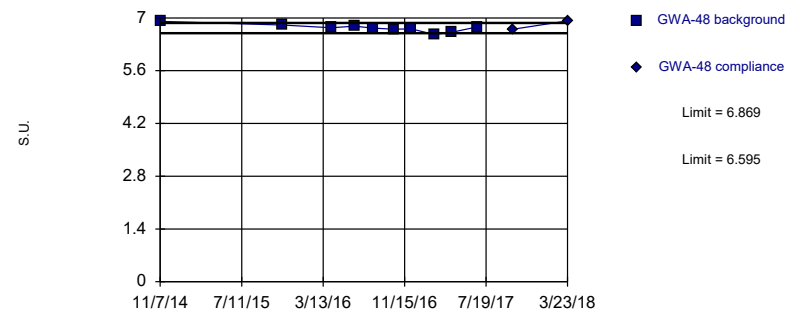
Background Data Summary: Mean=6.424, Std. Dev.=0.05938, n=11. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.792. Kappa = 1.38 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limits

Prediction Limit

Intrawell Parametric



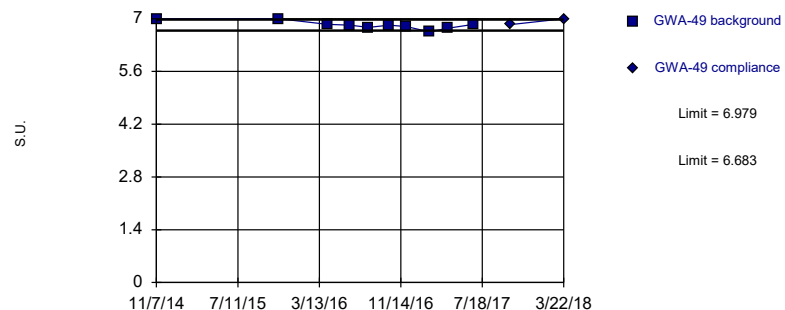
Background Data Summary: Mean=6.732, Std. Dev.=0.09693, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limits

Prediction Limit

Intrawell Parametric



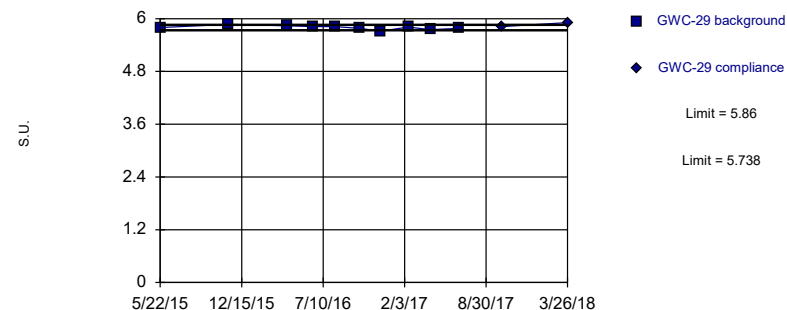
Background Data Summary: Mean=6.831, Std. Dev.=0.105, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9327, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limits

Prediction Limit

Intrawell Parametric



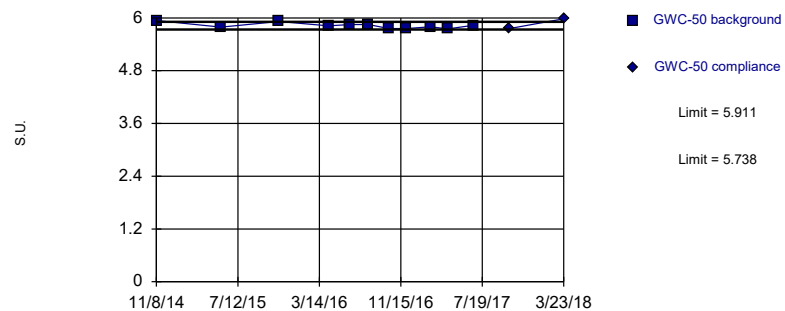
Background Data Summary: Mean=5.799, Std. Dev.=0.04358, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9822, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limits

Prediction Limit

Intrawell Parametric



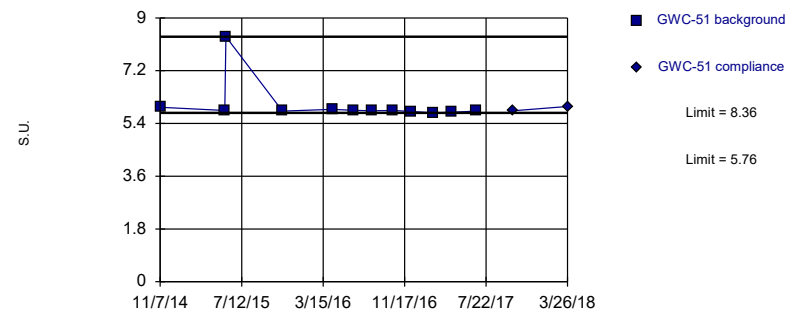
Background Data Summary: Mean=5.825, Std. Dev.=0.06283, n=11. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.792. Kappa = 1.38 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



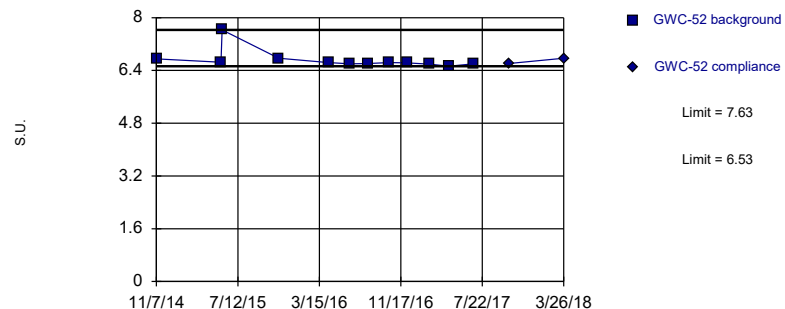
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.02198 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric



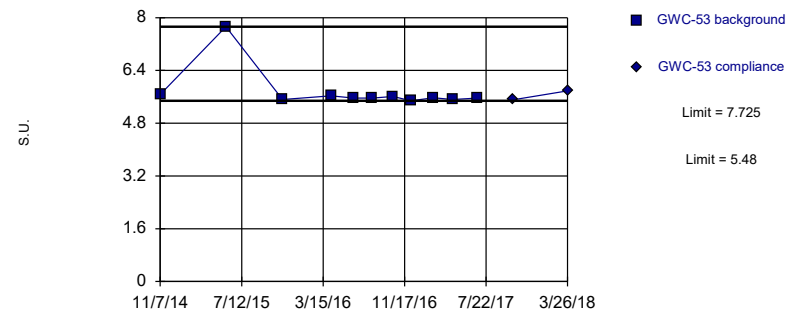
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.02198 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit

Intrawell Non-parametric

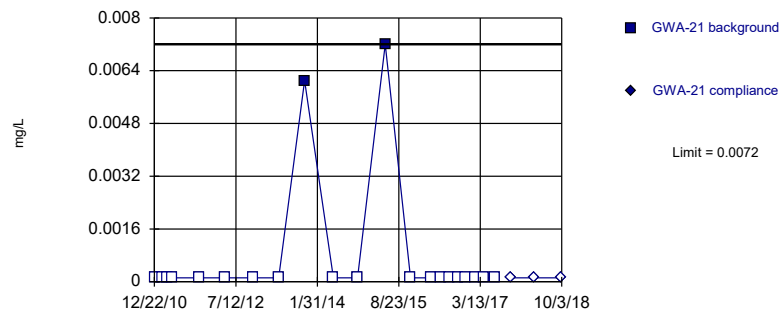


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.02614 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

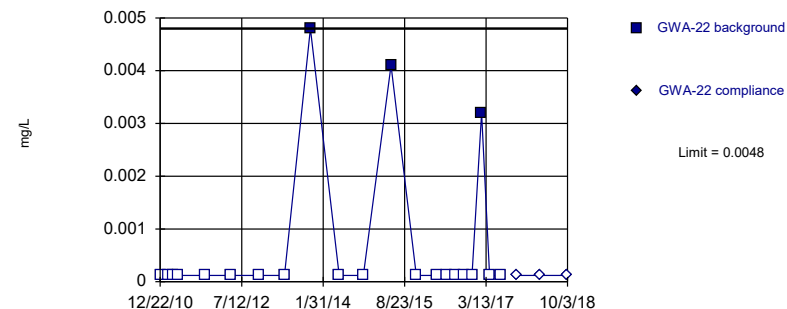


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

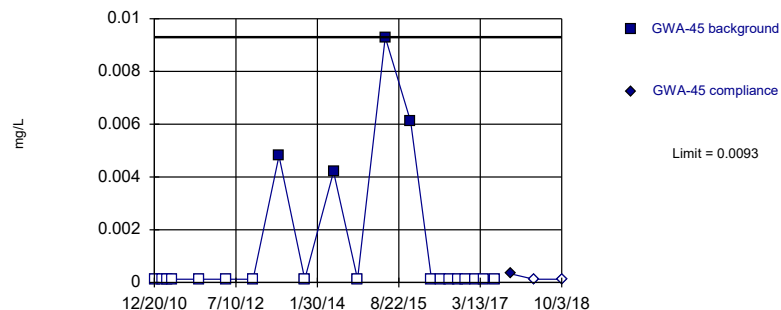


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

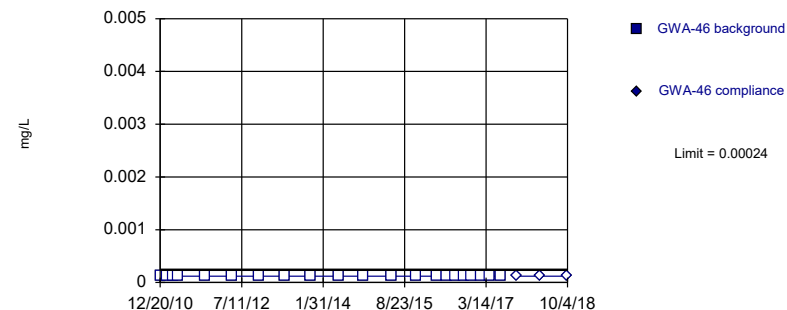


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

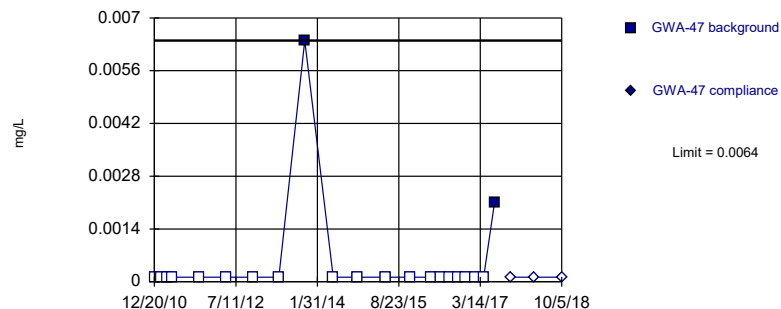


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

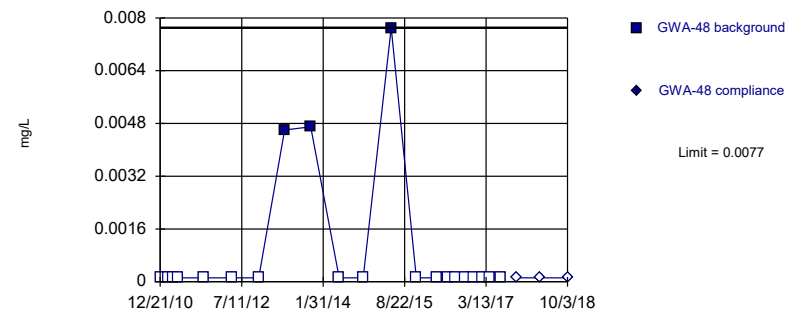


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

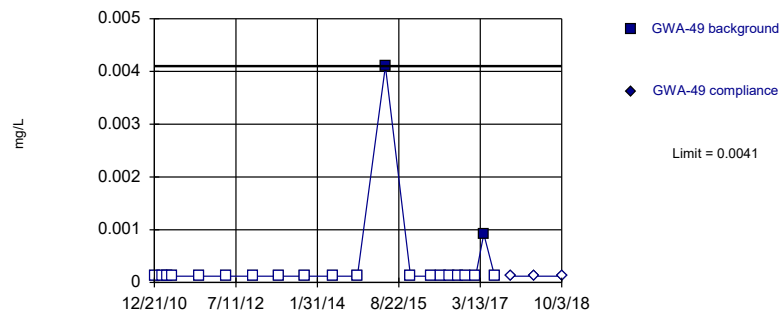


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

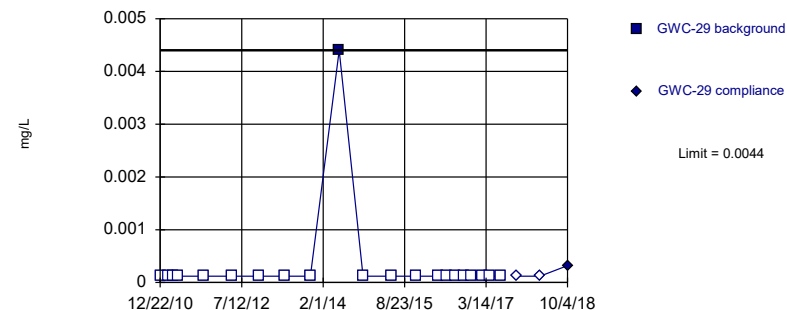


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

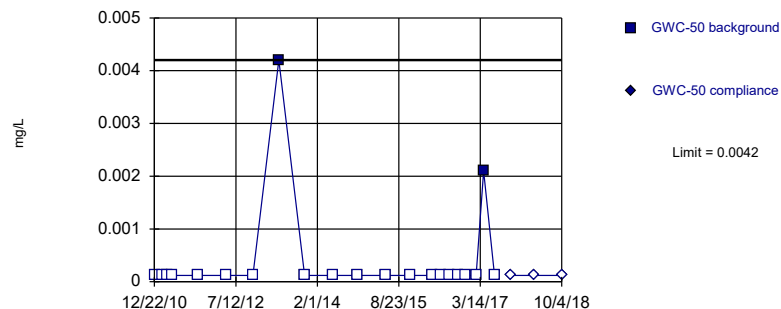


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

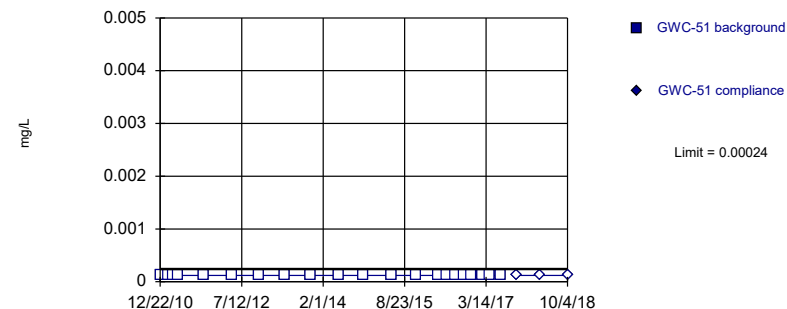


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

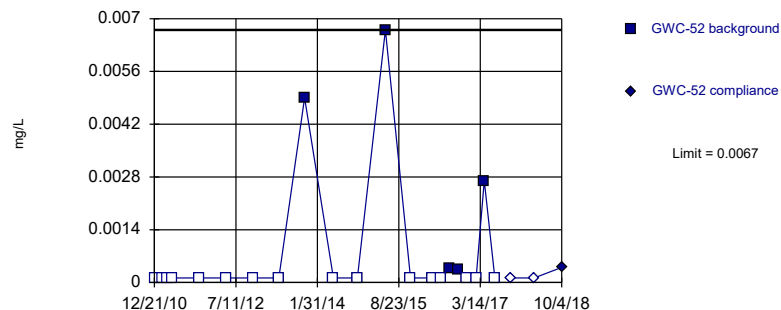


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

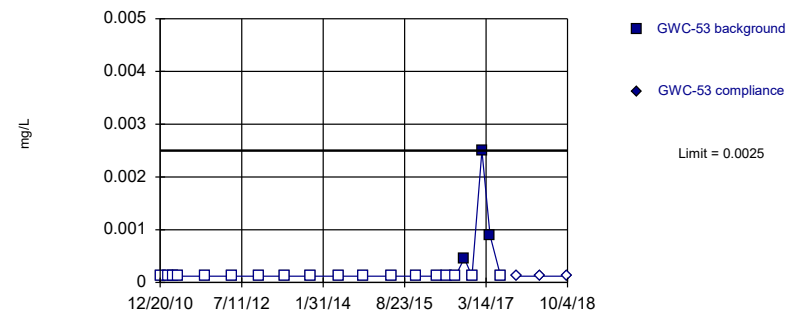


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

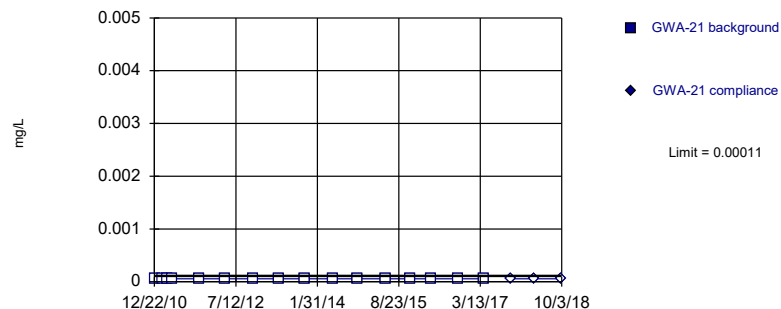


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

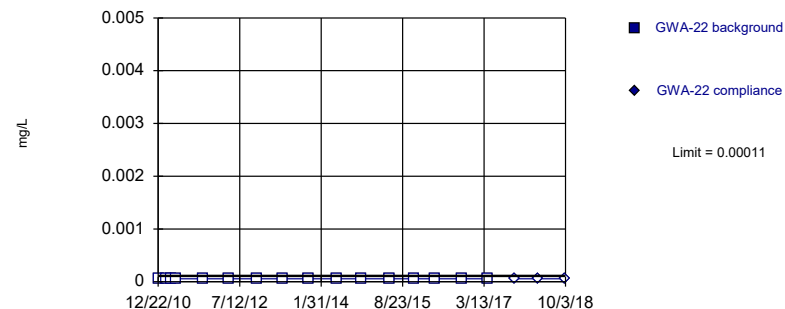


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.006536$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

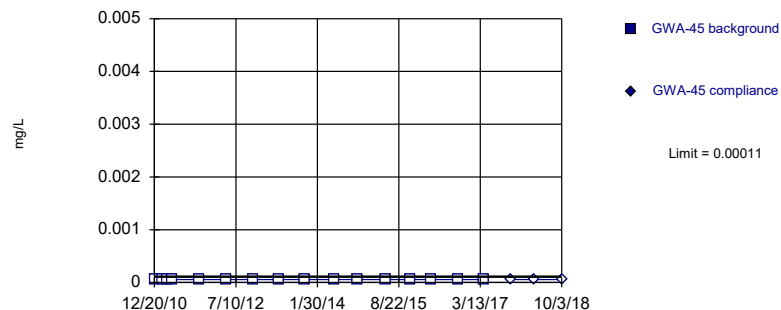


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.006536$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

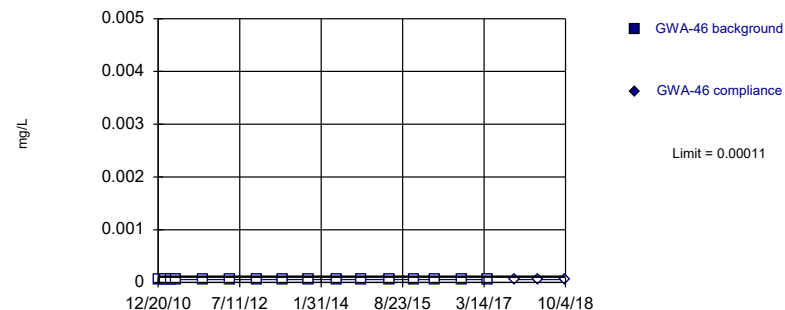


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.006536$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

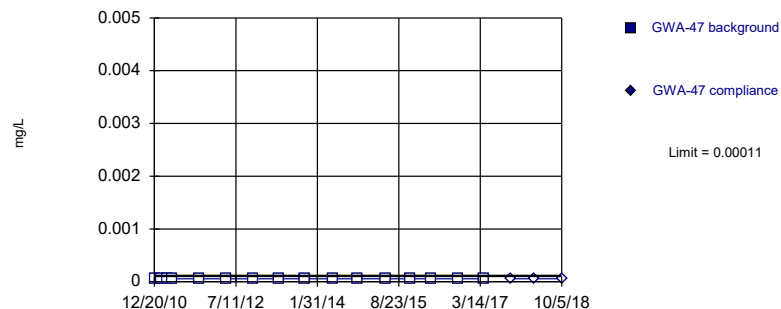


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.006536$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

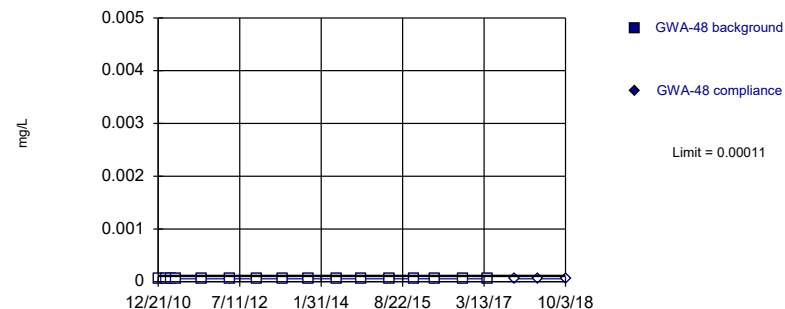


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

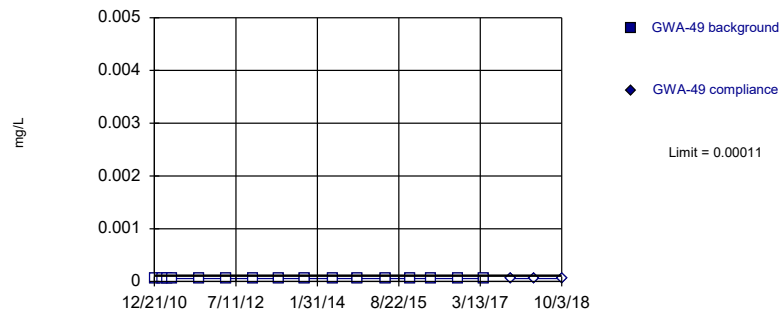


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

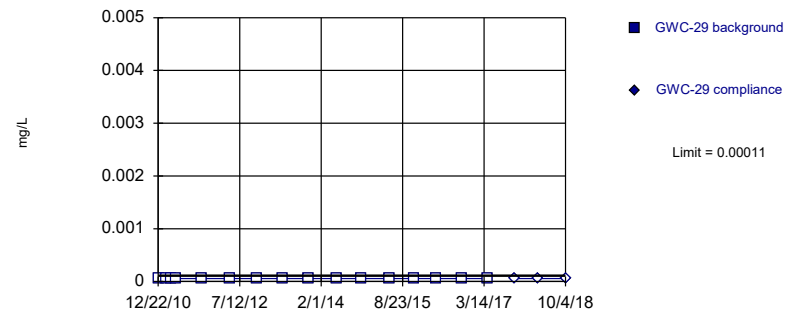


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

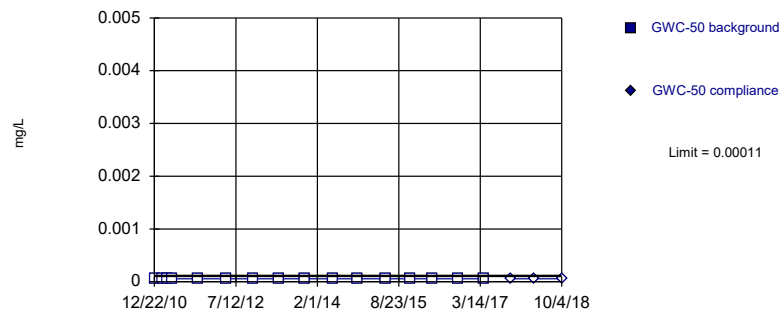


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

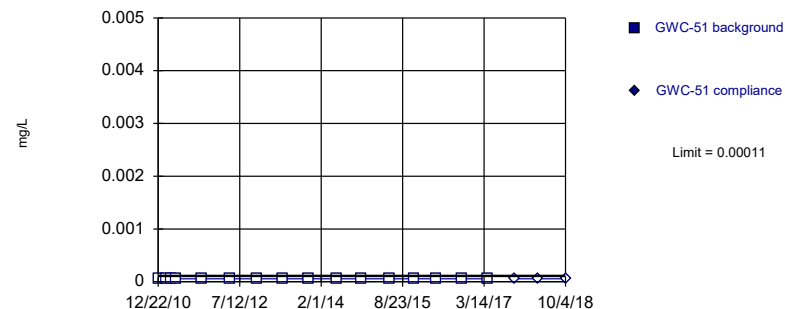


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.006536$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

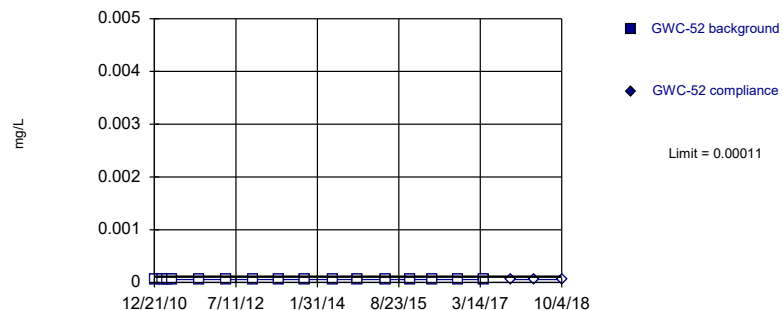


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.006536$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

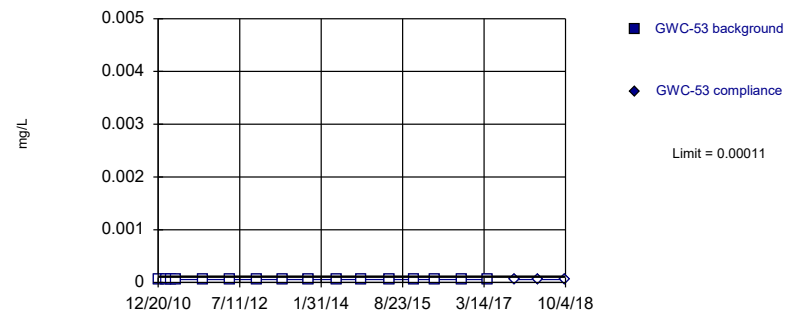


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.006536$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



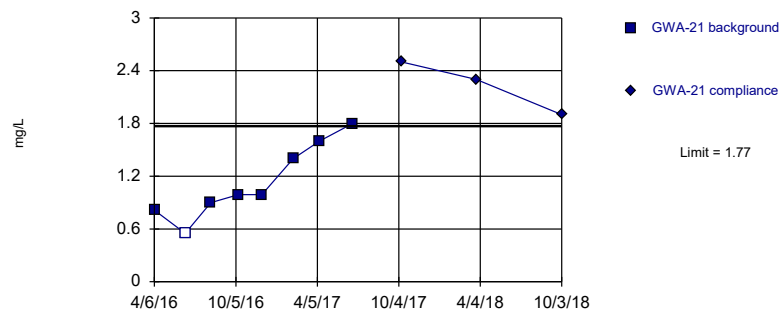
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 16$) were censored; limit is most recent reporting limit. Well-constituent pair annual $\alpha = 0.006536$ (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



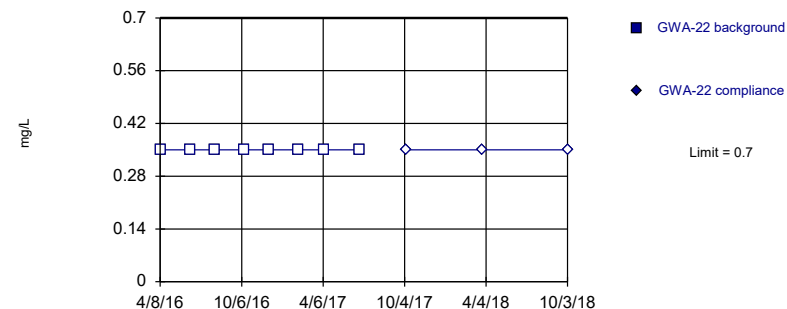
Background Data Summary: Mean=1.13, Std. Dev.=0.4262, n=8, 12.5% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9388, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



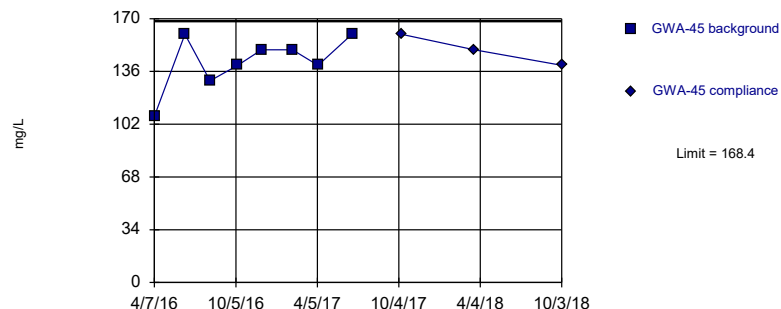
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



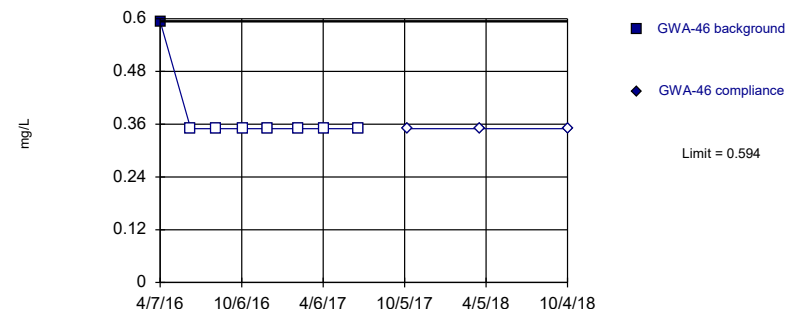
Background Data Summary: Mean=142.1, Std. Dev.=17.51, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

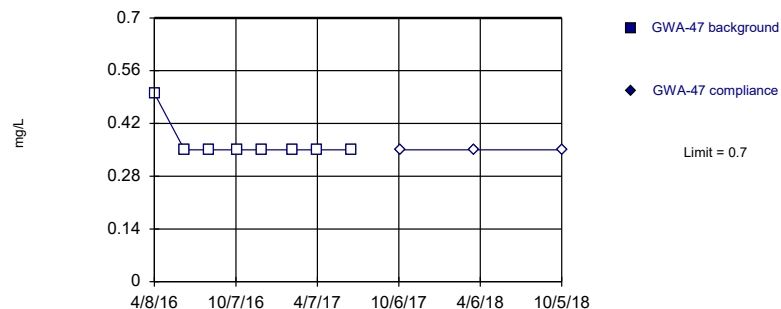


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

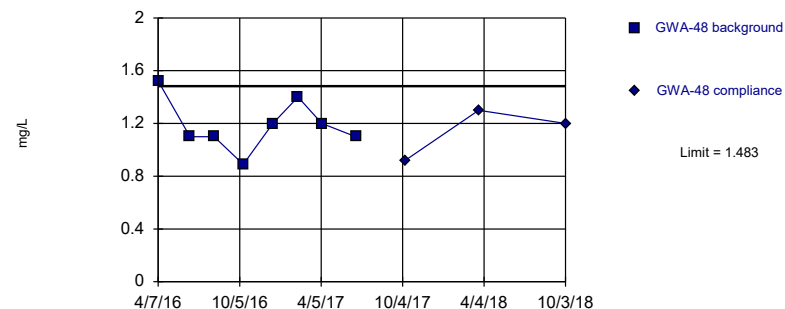


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

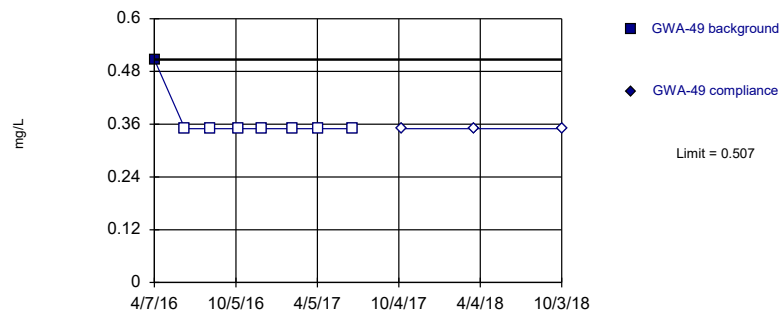


Background Data Summary: Mean=1.189, Std. Dev.=0.196, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

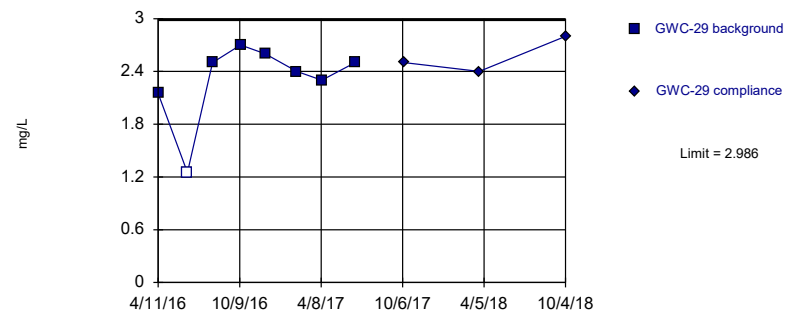


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

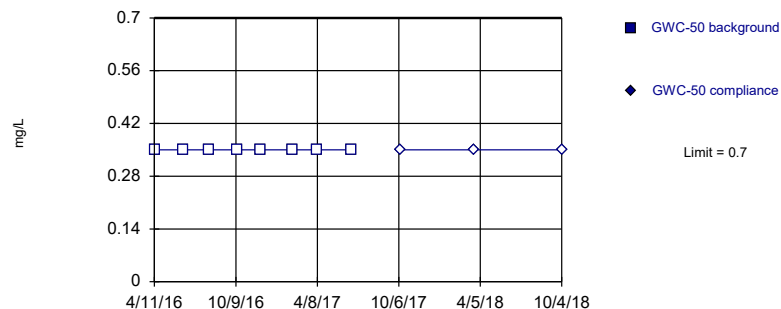


Background Data Summary: Mean=2.3, Std. Dev.=0.4575, n=8, 12.5% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7675, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

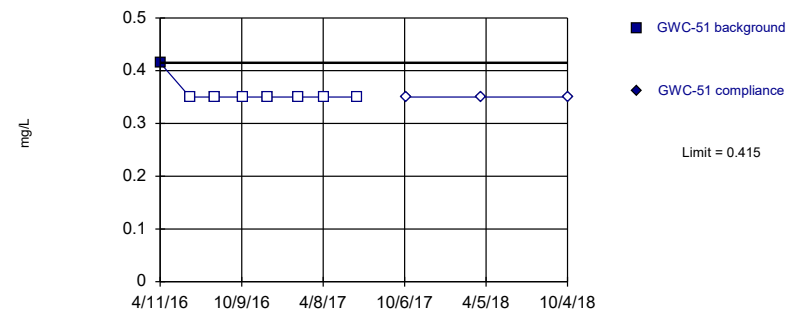


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

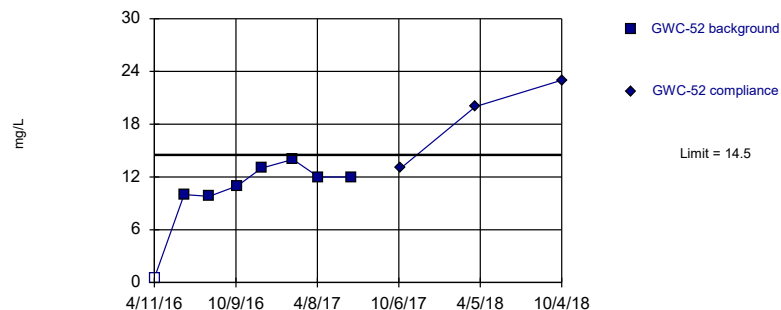


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

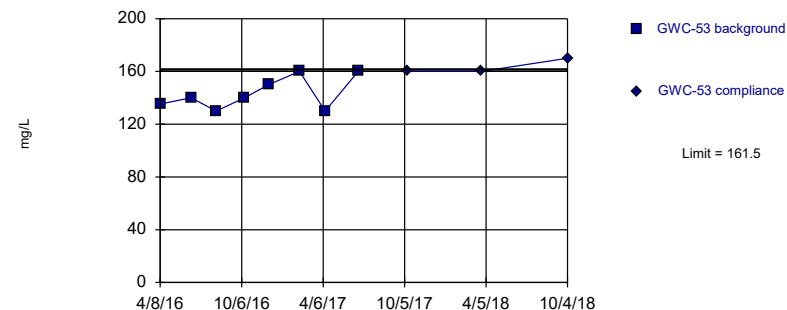


Background Data Summary (based on square transformation): Mean=121.3, Std. Dev.=59.32, n=8, 12.5% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9197, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

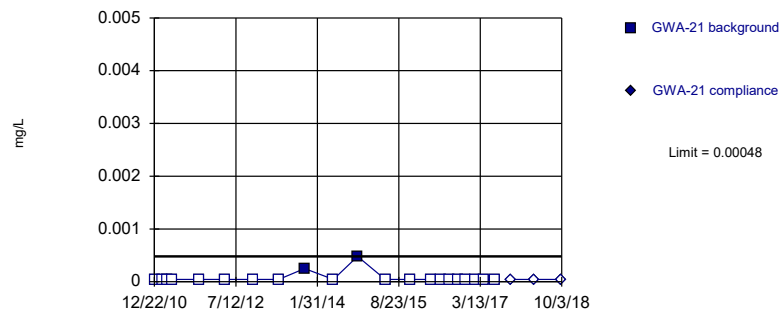


Background Data Summary: Mean=143.2, Std. Dev.=12.2, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.876, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

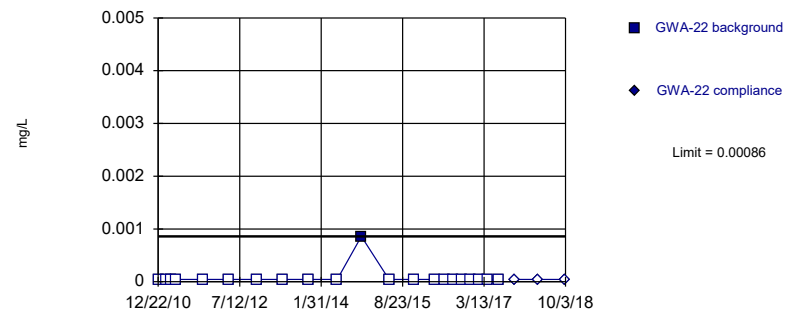


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

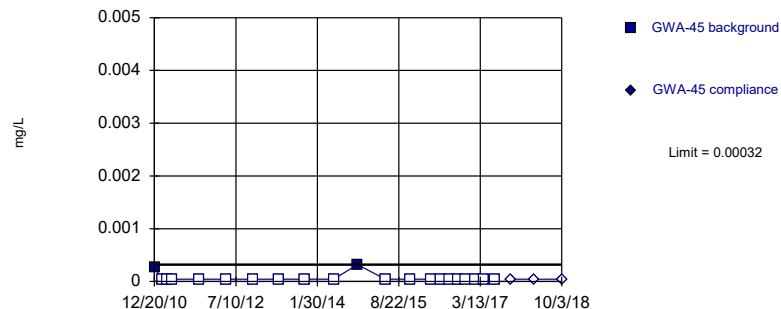


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

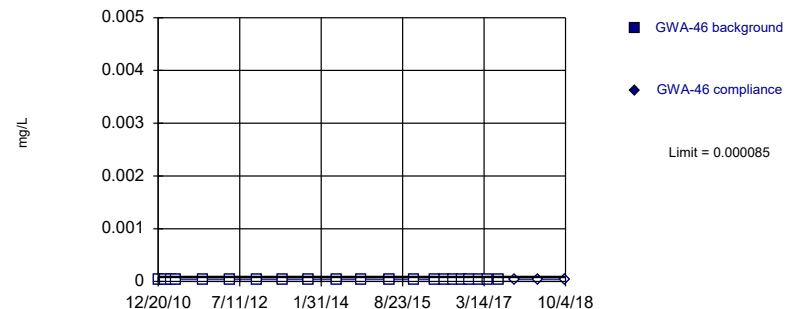


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

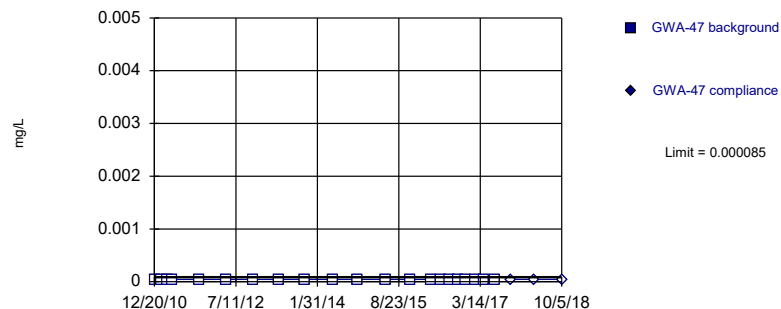


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

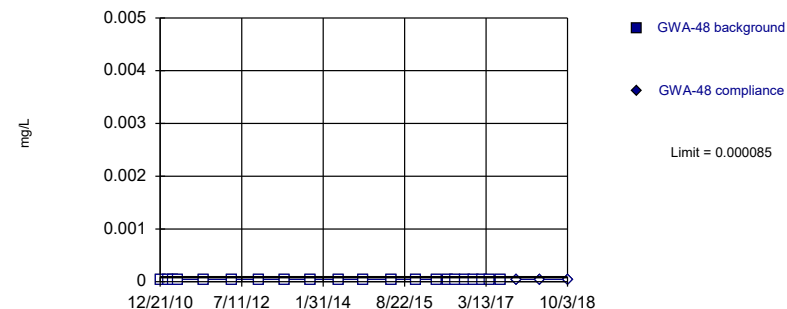


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

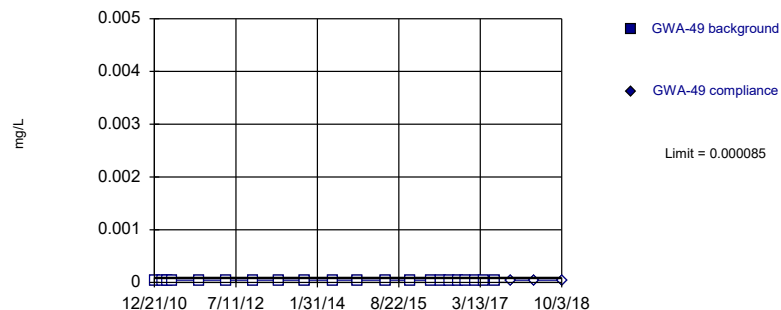


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

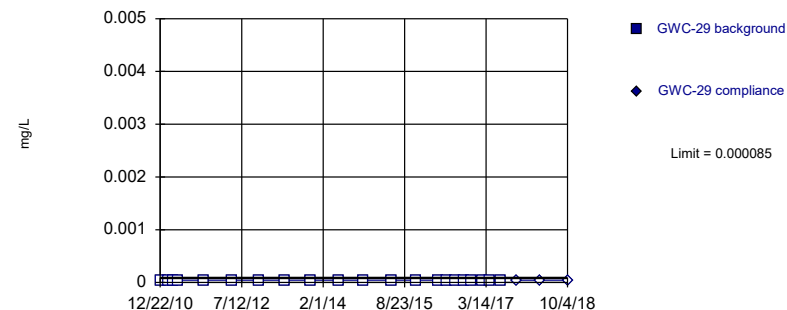


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

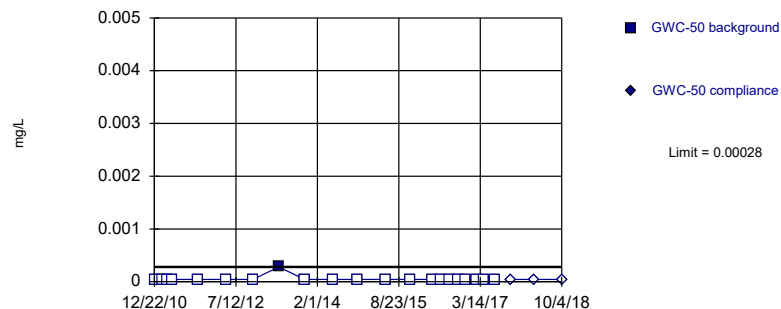


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

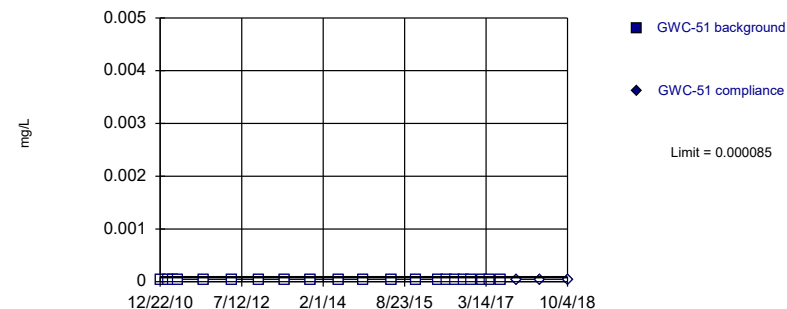


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

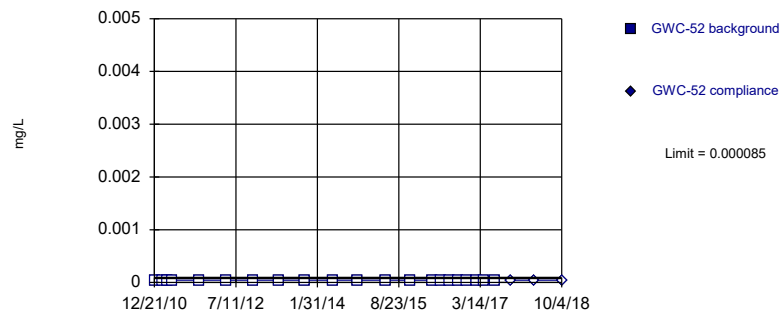


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

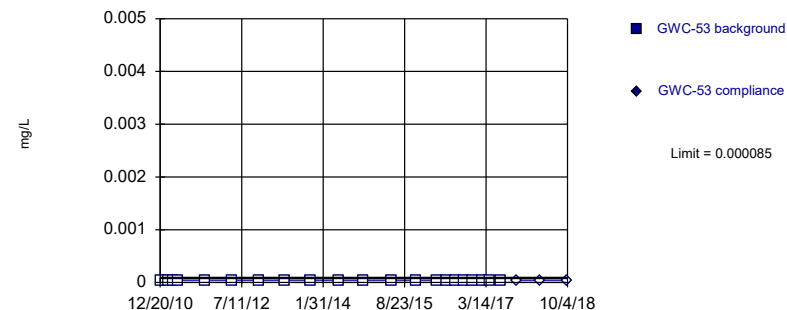


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



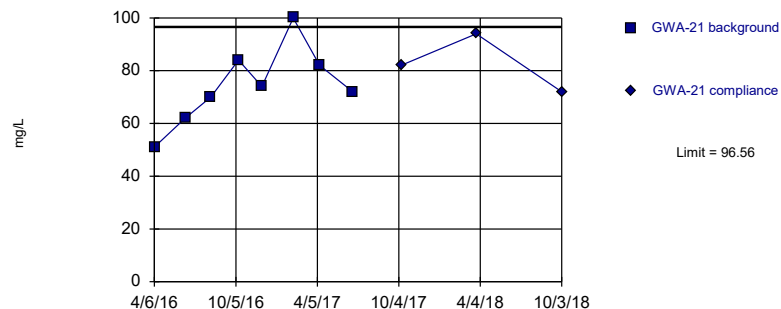
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



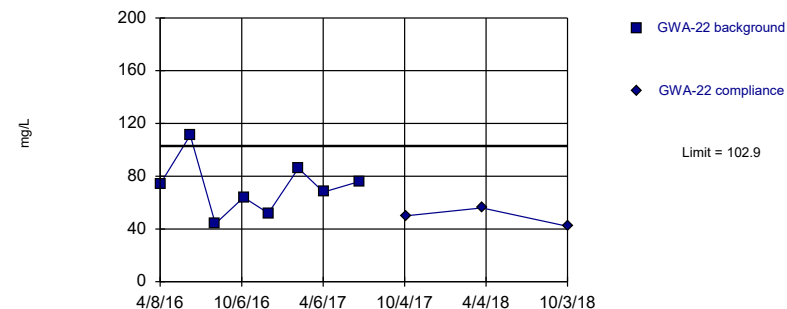
Background Data Summary: Mean=74.38, Std. Dev.=14.79, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9837, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



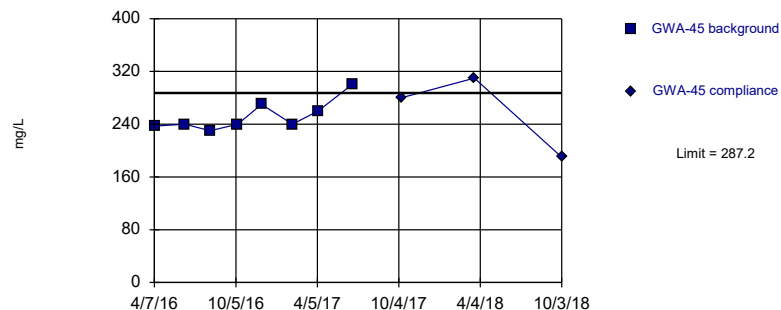
Background Data Summary: Mean=71.88, Std. Dev.=20.7, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=252.1, Std. Dev.=23.4, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8267, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

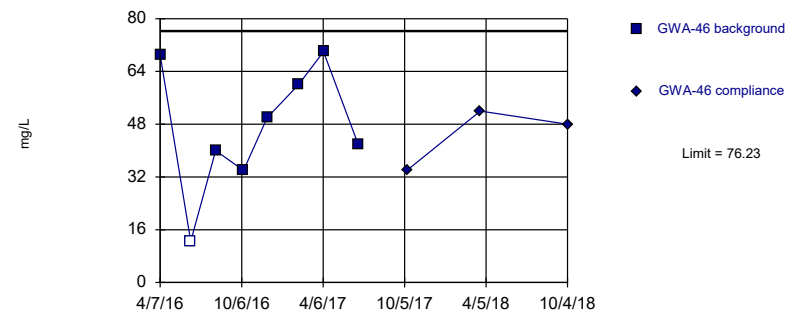
Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



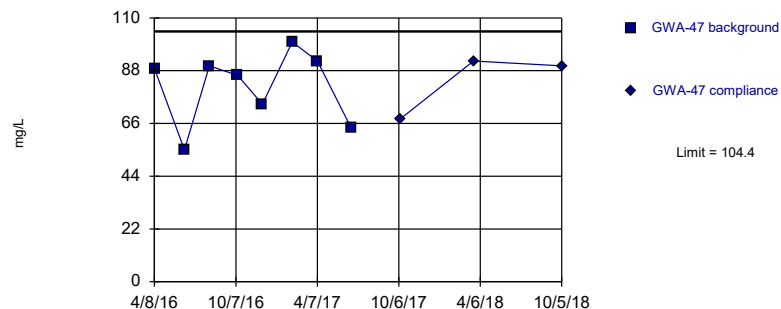
Background Data Summary: Mean=47.19, Std. Dev.=19.36, n=8, 12.5% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9454, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



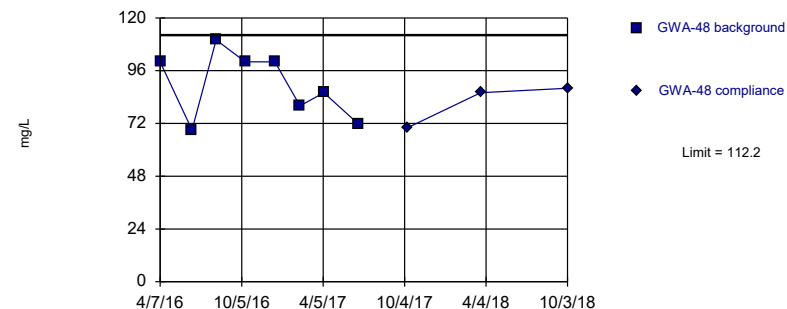
Background Data Summary: Mean=81.25, Std. Dev.=15.42, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9156, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



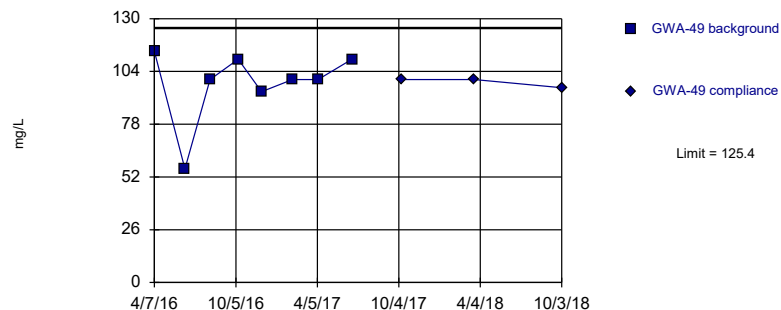
Background Data Summary: Mean=89.63, Std. Dev.=15.02, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



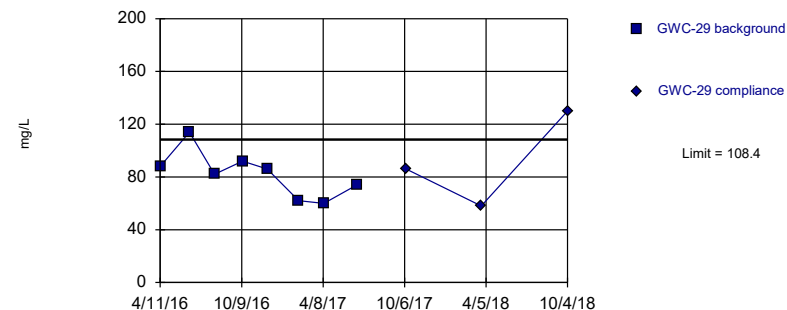
Background Data Summary: Mean=98, Std. Dev.=18.27, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7518, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



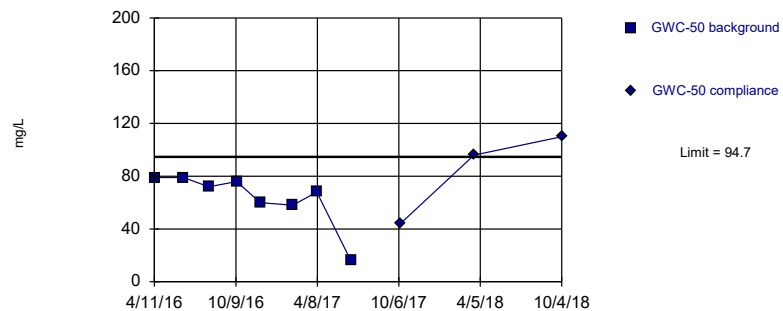
Background Data Summary: Mean=82.25, Std. Dev.=17.42, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



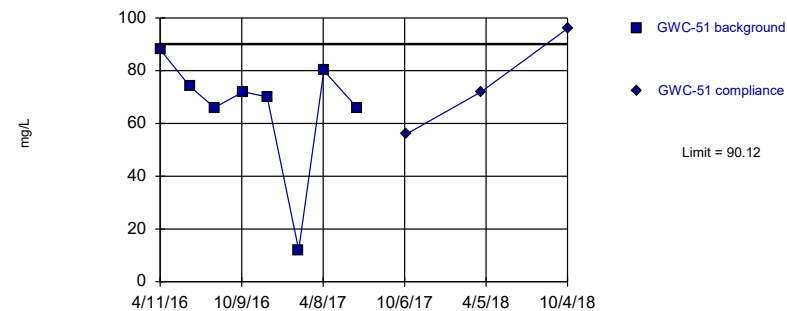
Background Data Summary: Mean=63.5, Std. Dev.=20.8, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7541, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



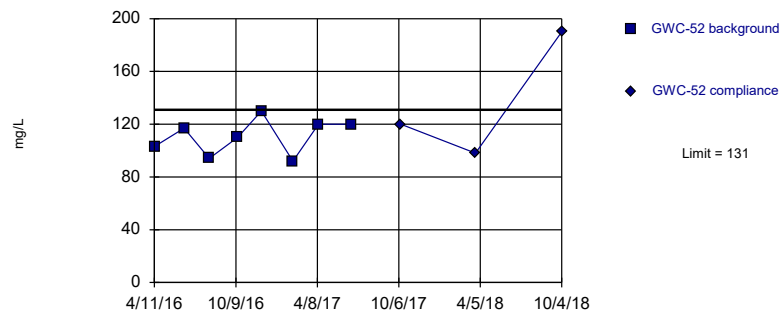
Background Data Summary (based on square transformation): Mean=4820, Std. Dev.=2201, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8783, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric



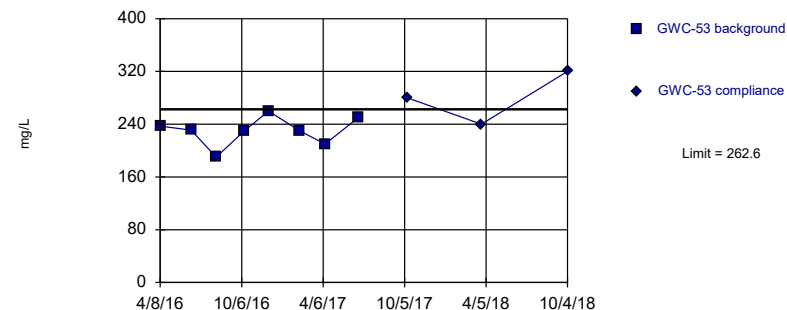
Background Data Summary: Mean=110.8, Std. Dev.=13.49, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit

Intrawell Parametric

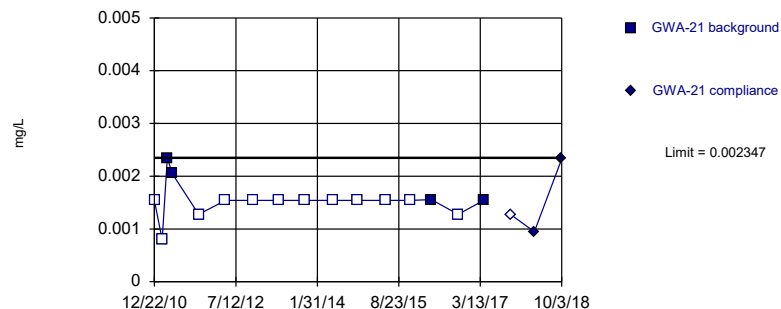


Background Data Summary: Mean=229.8, Std. Dev.=21.87, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

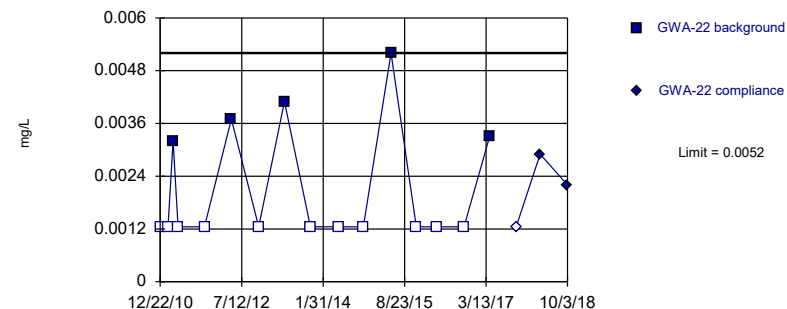


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Data were deseasonalized.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

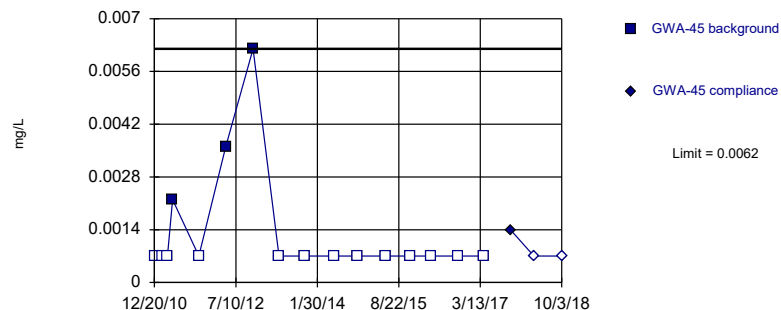


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

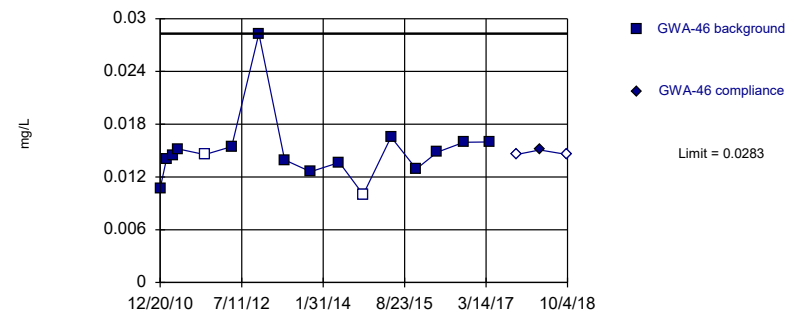


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric



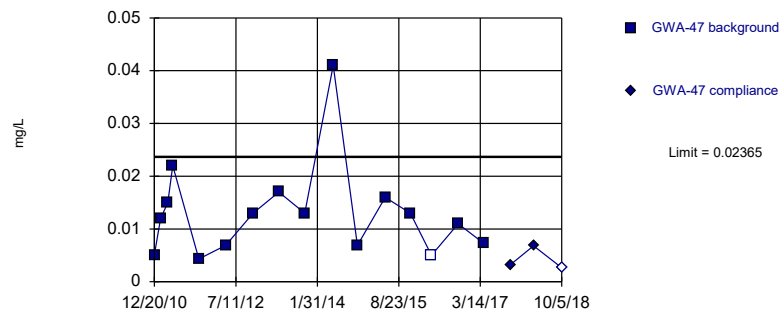
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Data were deseasonalized.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



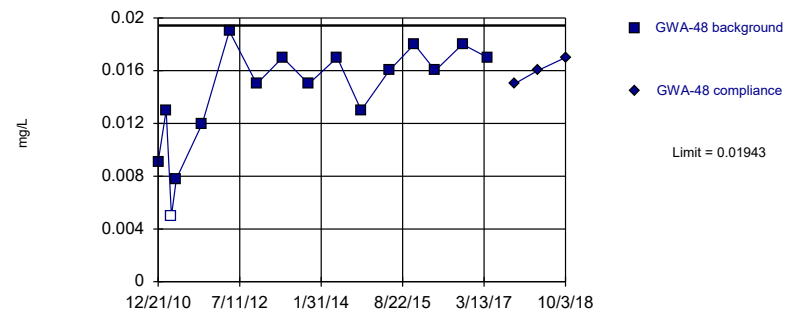
Background Data Summary (based on square root transformation): Mean=0.1091, Std. Dev.=0.03463, n=16, 6.25% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9002, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



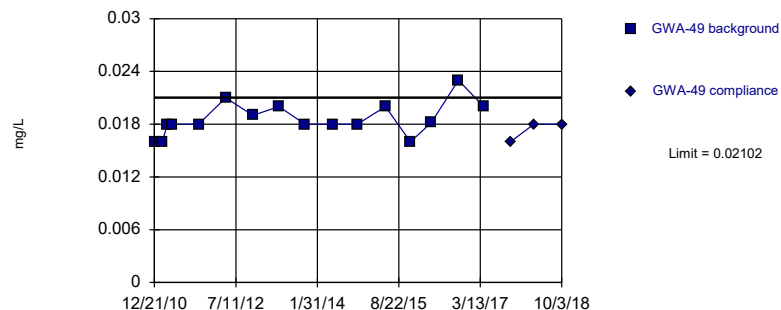
Background Data Summary: Mean=0.01424, Std. Dev.=0.004021, n=16, 6.25% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.892, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric



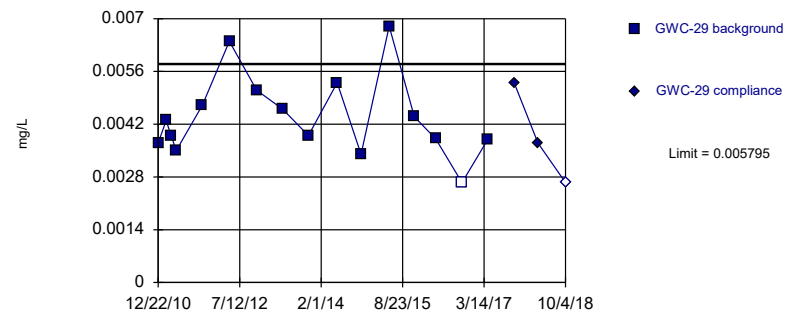
Background Data Summary: Mean=0.01858, Std. Dev.=0.001893, n=16. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit

Intrawell Parametric

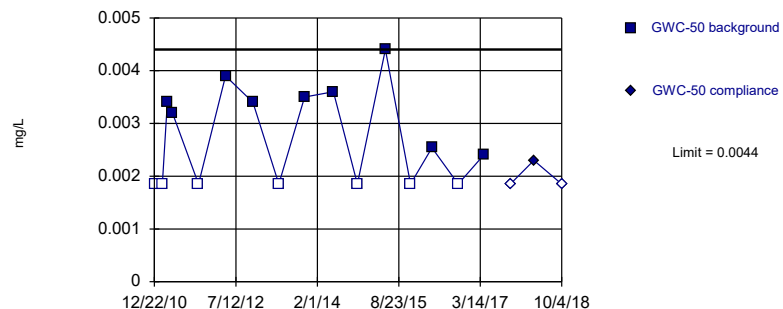


Background Data Summary: Mean=0.004391, Std. Dev.=0.001088, n=16, 6.25% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9265, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

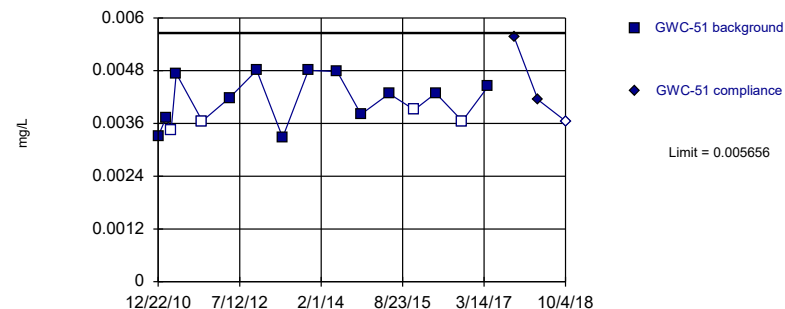


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

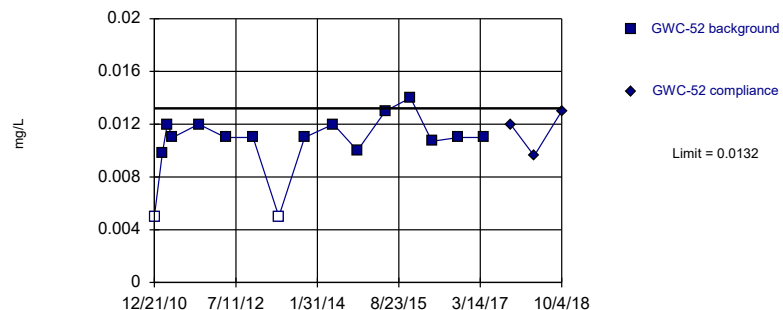


Background Data Summary (after Aitchison's Adjustment): Mean=0.003153, Std. Dev.=0.00194, n=16, 25% NDs. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9177, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric

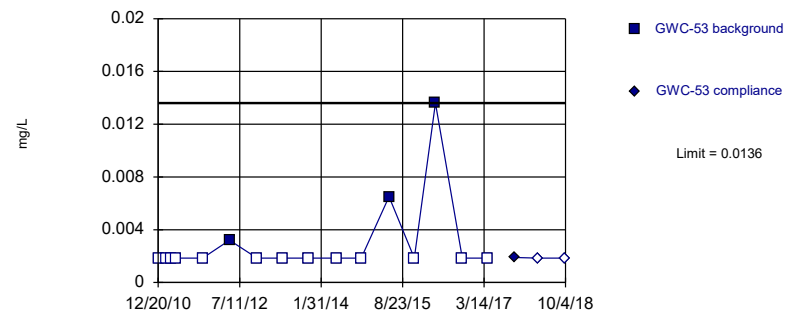


Background Data Summary (based on square transformation): Mean=0.0001177, Std. Dev.=0.00004388, n=16, 12.5% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8723, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

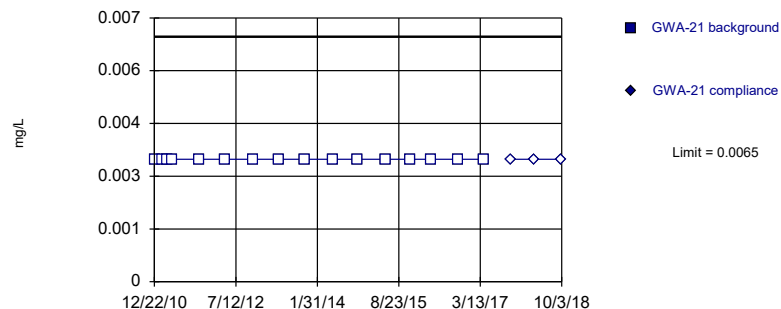


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

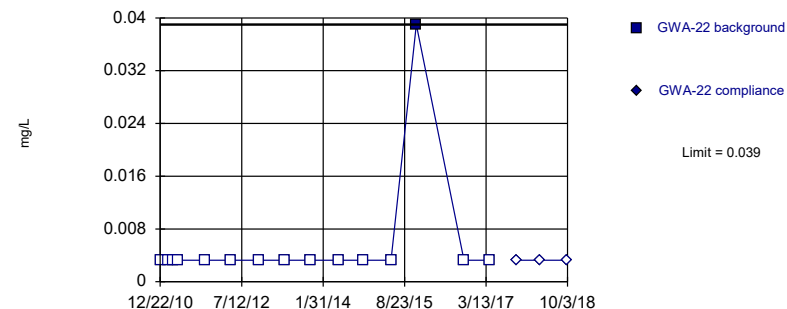


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

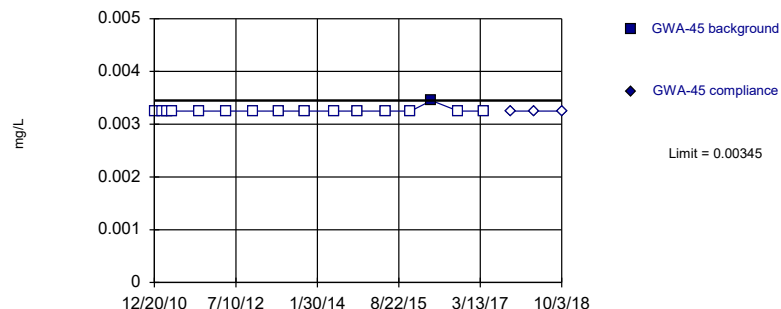


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.00765. Individual comparison alpha = 0.007649 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

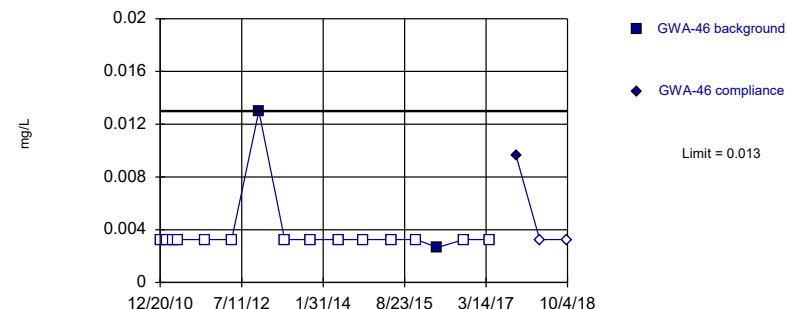


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

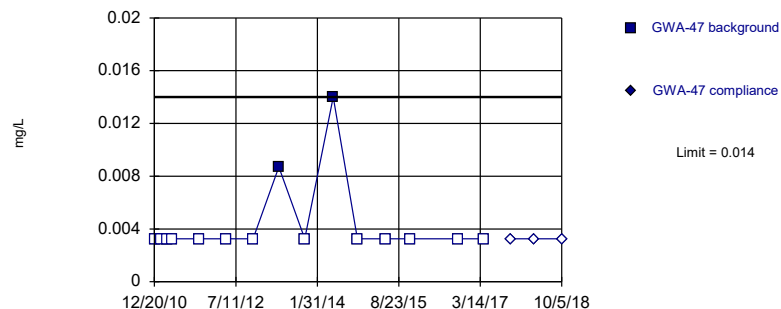


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

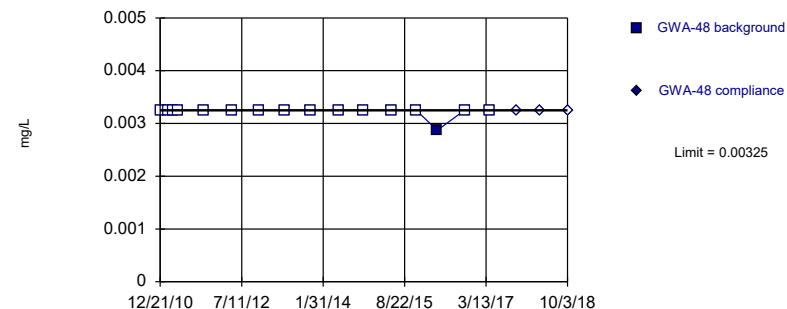


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.00765. Individual comparison alpha = 0.007649 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

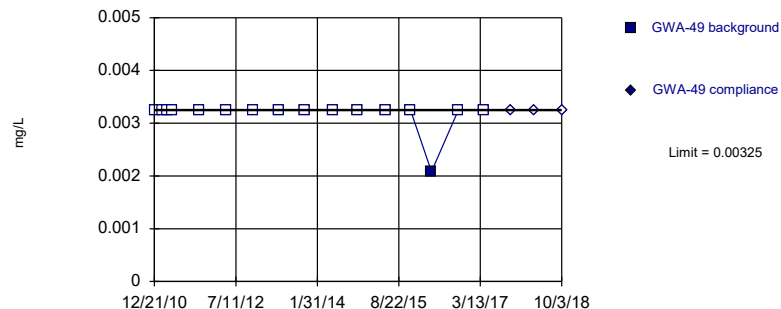


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

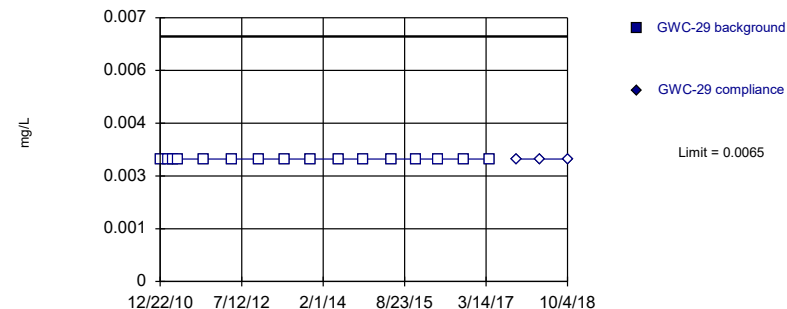


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

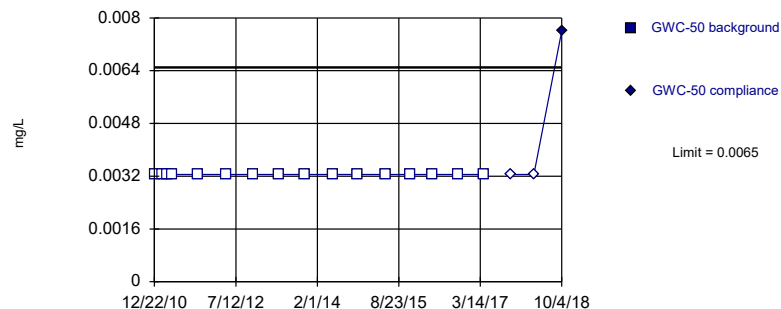


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

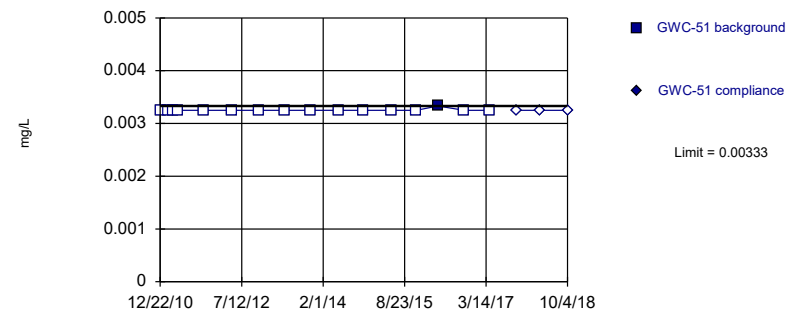


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

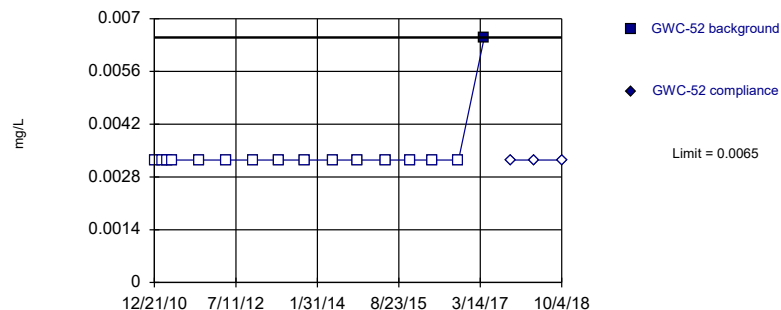


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

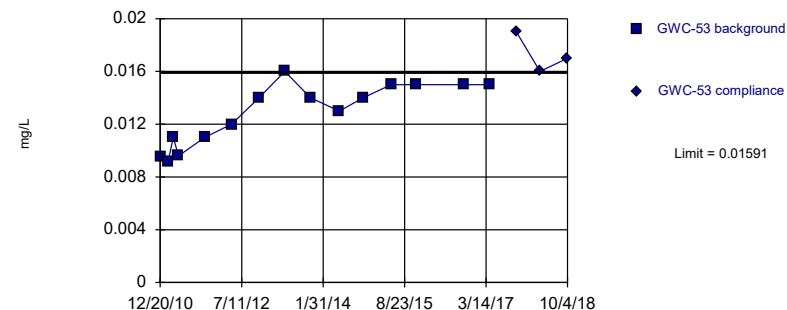


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Parametric



Background Data Summary: Mean=0.01289, Std. Dev.=0.002315, n=15. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8913, critical = 0.835. Kappa = 1.305 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR



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