

2021 Semi-Annual Groundwater Monitoring and Corrective Action Report

Georgia Power Company – Plant Arkwright

Ash Pond 2 Dry Ash Stockpile

Macon, Georgia

Project No.: 6122201429

Prepared for:



Atlanta, Georgia

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CERTIFICATION STATEMENT

This 2021 Semi-Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Company Plant Arkwright - Ash Pond 2 Dry Ash Stockpile, Macon, Georgia has been prepared in compliance with Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-10 and 391-3-4-14 under the supervision of a licensed professional engineer and a licensed professional geologist with Wood Environment & Infrastructure Solutions, Inc.



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SUMMARY

This summary of the 2021 Semi-Annual Groundwater Monitoring and Corrective Action Report provides the status of groundwater monitoring and corrective action program from August 2021 through January 2022 at Georgia Power Company's (Georgia Power's) Plant Arkwright Ash Pond 2 Dry Ash Stockpile (AP-2 DAS). This summary was prepared by Wood Environment & Infrastructure Solutions, Inc. (Wood) on behalf of Georgia Power to meet the requirements listed in Georgia Environmental Protection Division (GA EPD) Rules of Solid Waste Management 391-3-4-.10(6)(a)-(c) and 391-3-4-.14.

Plant Arkwright is located in Bibb County, Georgia approximately 6 miles northwest of the city of Macon. The physical address of the plant is 5241 Arkwright Road, Macon, Georgia 31210. When in operation, Plant Arkwright consisted of four 40-megawatt units. In years before retirement, the plant was used primarily to provide peaking power and operated approximately 40 to 60 days per year. The Plant Arkwright coal-fired power plant was retired in 2002, decommissioned in 2003 and closed in 2010. The 11-acre AP-2 DAS is located between Arkwright Road to the north and Beaverdam Creek in the south. Georgia Power officially closed the AP-2 DAS in 2010 with GA EPD's approval and in accordance with the solid waste landfill regulations in effect at the time of its closure.



Ash Pond 2 Dry Ash Stockpile at Plant Arkwright

The groundwater monitoring program for AP-2 DAS is managed in accordance with Georgia Solid Waste Management Rules for Groundwater Monitoring and Corrective Action of a municipal solid waste landfill, Rule 391-3-4-.14, per GA EPD Permit No. 011-031D(LI). AP-2 DAS is also subject to the GA EPD Rules for Solid Waste Management 391-3-4-.10 for coal combustion residuals (CCR) management. Groundwater at AP-2 DAS is monitored using a comprehensive monitoring well network that meets the state monitoring requirements. Routine groundwater sampling and reporting for compliance to meet requirements of Rule 391-3-4.10 began after upgradient groundwater conditions were established between August 2016 and October 2018. Based on groundwater conditions at AP-2 DAS, an assessment monitoring program was initiated on November 13, 2019 and assessment of corrective measures on July 9, 2020. During the 2021

semi-annual reporting period, AP-2 DAS remained in assessment monitoring as corrective measures were evaluated.

During the 2021 semi-annual reporting period, Wood conducted an assessment sampling event in September 2021. The September 2021 event was a routine semi-annual assessment monitoring event and samples were analyzed for the full suites of Appendix III¹ and Appendix IV² constituents. Groundwater samples were submitted to Eurofins TestAmerica Laboratories, Inc., for analysis. Per the CCR Rules, groundwater results for the September 2021 data were evaluated in accordance with the certified statistical methods. That evaluation showed statistically significant values of Appendix III and Appendix IV constituents in wells provided in the table below.

Appendix III Constituents	September 2021
Boron	ARGWC-21, ARGWC-22, ARGWC-23
Calcium	ARGWC-21, ARGWC-22, ARGWC-23
Fluoride	ARGWC-21, ARGWC-23
pH	ARGWC-23
Sulfate	ARGWC-21, ARGWC-22, ARGWC-23
TDS	ARGWC-21, ARGWC-22, ARGWC-23
Appendix IV Constituents	September 2021
Cobalt	ARGWC-22
Lithium	ARAMW-2, ARGWC-22, ARGWC-23
Molybdenum	ARGWC-23

Based on review of the most recent Appendix III and Appendix IV statistical results completed for the groundwater monitoring and corrective action program from August 2021 through January 2022, the Site will continue in assessment monitoring along with assessment of corrective measures. Georgia Power will continue routine groundwater monitoring and reporting at the Site. Reports will be provided to GA EPD semi-annually.

¹ Boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids (TDS)

² Antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, fluoride, lead, lithium, mercury, molybdenum, selenium, thallium, and radium 226 + 228

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1.0 INTRODUCTION

In accordance with the Georgia Environmental Protection Division (GA EPD) Rules of Solid Waste Management 391-3-4-.10(6)(a)-(c) and 391-3-4-.14, this 2021 Semi-Annual Groundwater Monitoring and Corrective Action Report has been prepared to document groundwater monitoring activities conducted at Georgia Power Company's (Georgia Power's) former Plant Arkwright Ash Pond 2 Dry Ash Stockpile (AP-2 DAS). To specify groundwater monitoring requirements, GA EPD Rule 391-3-4-.10(6)(a) incorporates by reference the United States Environmental Protection Agency (US EPA) Coal Combustion Residuals (CCR) Rule 40 Code of Federal Regulations (CFR) § 257 Subpart D. For ease of reference, the US EPA CCR rules are cited within this report.

Groundwater monitoring and reporting for Plant Arkwright AP-2 DAS are performed in accordance with the monitoring requirements of 40 CFR § 257.90 through § 257.95. This semi-annual report documents the activities completed between August 2021 and January 2022. One monitoring event was conducted during this monitoring period: a semi-annual assessment monitoring event was conducted in September 2021.

Due to statistically significant levels (SSLs) of lithium in well ARGWC-21 (October 2019) and cobalt in well ARGWC-22 (April 2020) identified in the 2020 Annual Groundwater Monitoring and Corrective Action Report (Wood, 2020a), Georgia Power initiated an Assessment of Corrective Measures (ACM) for AP-2 DAS on July 9, 2020 pursuant to 40 CFR § 257.96(b). ARGWC-21 no longer exhibits an SSL for lithium. In accordance with 40 CFR § 257.96(b), an ACM Report for the cobalt in well ARGWC-22 was prepared and submitted to GA EPD in December 2020 (Wood, 2020b).

Since the initiation of ACM, an SSL of molybdenum was identified in well ARGWC-23 and additional SSLs of cobalt were identified in well ARGWC-22, and lithium in wells ARAMW-2, ARGWC-22, and ARGWC-23. The July 2021 Semi-Annual Remedy Selection and Design Progress Report (Wood, 2021a) included the cobalt, lithium, and molybdenum SSLs. The SSLs for cobalt, lithium, and molybdenum are spatially delineated in downgradient wells or in downgradient surface water to below the GWPSs. Vertical delineation efforts for cobalt, lithium and molybdenum are ongoing; following the next semi-annual sampling event, statistical analysis of delineation data will be performed for delineation piezometers ARAMW-7 and ARAMW-8 (after a minimum of 4 sampling events).

1.1 Site Description and Background

The Plant Arkwright site (the Site) is located in Bibb County, Georgia approximately 6 miles northwest of the city of Macon (**Figure 1: Site Location Map**). The physical address of the plant

is 5241 Arkwright Road, Macon, GA 31210. When in operation, Plant Arkwright consisted of four 40-megawatt units. In years before retirement, the plant was used primarily to provide peaking power and operated approximately 40 to 60 days per year. The Plant Arkwright coal-fired power plant was retired in 2002 and decommissioned in 2003. The 11-acre AP-2 DAS is located between Arkwright Road to the north and Beaverdam Creek to the south.

Arkwright Ash Pond 2 was in operation in the 1950s. Soil was placed over AP-2 as a closure measure and was estimated to be closed in-place in the late 1970s to early 1980s. Georgia Power officially closed the AP-2 DAS by removing ash from the former AP-2, located directly east of AP-2 DAS, in 2010 with GA EPD's approval and in accordance with the solid waste landfill regulations specified by GA EPD Rule 391-3-4, in effect at the time of its closure. A closure certificate was issued by GA EPD for AP-2 DAS on June 30, 2010. The Closure Certificate initiated the post-closure care period for the CCR unit. Post closure care has been performed in accordance with the GA EPD Permit No. 011-031D(LI) following closure. AP-2 DAS is subject to the requirements of relevant portions of GA EPD 391-3-4-.10. The CCR unit referred to as AP-2 DAS is defined as an inactive CCR Landfill per GA EPD Rule 391-3-4-.10(2)(a)(3).

AP-2 DAS is exempt from the requirements in 40 CFR Part 257 Subpart D – Standard for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments in accordance with 40 CFR §257.50 (d) and (e), which states that the subpart does not apply to CCR landfills that have ceased receiving CCR prior to October 19, 2015. These CCR units are, however, subject to the requirements of relevant portions of Georgia EPD 391-3-4-.10.

Semi-annual groundwater monitoring at AP-2 DAS is performed for an approved list of analytes in accordance with the post-closure care period requirements of GA EPD Permit #: 011-031D(LI). The Permit lists Appendix I constituents as arsenic, barium, cadmium, chloride, lead, selenium, silver, and sulfate, and these constituents were analyzed during the September 2021 semi-annual event. A minor modification approved by GA EPD on August 9, 2017 added the Appendix III and IV constituents to the groundwater monitoring plan. The Appendix I constituents overlap with the Appendix III and IV constituents, with the exception of silver. To meet the new requirements of GA EPD rule 391-3-4-.10, a permit application package for the Site was submitted to GA EPD in November 2018 and is currently under review.

1.2 Regional Geology & Hydrogeologic Setting

The geology and hydrogeology of the Plant Arkwright AP-2 DAS are summarized below. The Plant Arkwright Site is located along the southern edge of the Washington Slope physiographic district within the Piedmont Physiographic Province (Clark and Zisa, 1976). The Washington Slope is characterized by a gently undulating surface which generally slopes to the south and southeast

toward the Coastal Plain Physiographic Province located approximately 3.8 miles to the southeast of the Site.

Topography of the Washington Slope ranges from approximately 700 feet above sea level in the areas of southern Atlanta and Athens to approximately 300 feet above sea level at its southern limit along the Georgia Fall Line. Streams follow the structure of underlying crystalline rocks eastward toward the Ocmulgee River. Relief throughout the district is between 50 and 100 feet with the greatest relief being along the Ocmulgee River with steep walled valleys with elevation changes between 150 – 200 feet (Clark and Zisa, 1976). Ultimately, the area surface water flow is directed toward the Ocmulgee River.

Bedrock in the region is composed of moderate- to high-grade metamorphic rocks, consisting of biotite-granite gneiss, schist, and amphibolite, and igneous rocks like granite. In the southernmost Piedmont, in the area of the Site, bedrock is predominantly composed of biotite gneiss. Major geologic structures in the region include the Ocmulgee fault, located approximately 7 miles to the northwest of the Site which strikes mostly northeast – southwest. The top of bedrock surface is highly weathered and where exposed is generally soft and friable (LeGrand, 1962).

1.2.1 Site Geology

The general geology beneath AP-2 DAS consists of clays, silty and sandy clays, silty sands, sandy silts, and minor gravel at depth, underlain by silty sand saprolite and bedrock. Historic borings indicate bedrock occurs at depths ranging from approximately 14 feet to 63 feet below ground surface, and consists of weathered quartzofeldspathic gneiss, hornblende gneiss, and schist. Boring logs also indicate a relatively thin zone of partially weathered rock (PWR) above bedrock which ranges in thickness from 1 to 4 feet in the southern and eastern portions of the Site, and up to 14 feet in the northeastern portion of the Site.

1.2.2 Site Hydrogeology

The uppermost aquifer at the Site consists of two hydrostratigraphic units: the water table hydrostratigraphic unit and the underlying bedrock hydrostratigraphic unit. The water table unit is composed of the unconsolidated silty sands and sandy silts with clays and variable thicknesses of PWR mantling the bedrock surface. The unconsolidated sands, silts, and PWR are also referred to as overburden. The bedrock unit is the zone of weathered and fractured bedrock. The water table unit is hydraulically connected to the underlying bedrock through fractures in the partially weathered and fractured bedrock (Southern Company Services, 2005). The monitoring well network for AP-2 DAS (**Figure 2: Monitoring Network Well Location Map**) monitors the uppermost aquifer.

Slug testing data from the Site reflect a range of hydraulic conductivities from 10^{-6} to 10^{-3} centimeters per second in the water table hydrostratigraphic unit (Southern Company Services, 2005). Groundwater level monitoring data from the Site show stable water level trends and the potentiometric maps reflect groundwater generally flowing to the south across AP-2 DAS.

1.3 Groundwater Monitoring System

Pursuant to 40 CFR § 257.91, Georgia Power installed a groundwater monitoring system within the uppermost aquifer at AP-2 DAS. The monitoring system is designed to monitor groundwater passing the waste boundary of AP-2 DAS within the uppermost aquifer. Wells were located to serve as upgradient and downgradient monitoring points based on groundwater flow direction (**Table 1: Summary of Monitoring Well and Piezometer Construction – Monitoring Wells and Delineation Piezometers**). The monitoring well locations are shown on **Figure 2**. **Table 1** lists the monitoring wells and delineation piezometers installed to delineate the nature and extent of cobalt, lithium, and molybdenum at the Site.

2.0 GROUNDWATER MONITORING ACTIVITIES

The following describes monitoring-related activities performed between July 2021 and January 2022. The groundwater sampling was performed in accordance with 40 CFR § 257.93. Samples were collected in September 2021 from each of the wells in the monitoring system shown on **Figure 2. Table 2: Groundwater Sampling Event Summary**, presents a summary of the CCR groundwater sampling event completed during this monitoring period at AP-2 DAS.

2.1 Monitoring Well Maintenance

Monitoring well-related activities conducted during the period included the following: visual inspection of well conditions prior to sampling, recording the Site conditions, and performing exterior maintenance to perform sampling under safe and clean conditions. Monitoring wells are inspected semi-annually to determine if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In September 2021, monitoring wells were inspected, necessary corrective actions were identified and subsequently completed, as documented in **Appendix A: Well Inspections**. This documentation will serve as the required five year well inspection and was performed under the direction of a professional geologist or engineer registered in the State of Georgia.

2.2 Assessment Monitoring

Georgia Power implemented assessment monitoring in accordance with 40 CFR § 257.95 in November 2019. During the 2021 semi-annual reporting period, a semi-annual assessment monitoring was conducted September 7 to 10, 2021. Groundwater samples were collected from each well in the certified monitoring system and analyzed for the full suites of Appendix III and Appendix IV constituents, and the Appendix I constituent, silver. Laboratory and Field Data reports for the September 2021 monitoring event are included in **Appendix B: Field Sampling Data and Analytical Data Reports**.

2.3 Additional Groundwater and Surface Water Sampling

In September 2021, the groundwater samples from AP-2 DAS wells were also analyzed for major ions to obtain analytical data to assist with remedy selection. Selected wells were also analyzed for additional parameters to assess attenuation capacity of the aquifer and select remedies appropriate for cobalt, lithium, and molybdenum. Data reports for the monitoring events are included in **Appendix B** and discussed as part of the Semi-Annual Remedy Selection and Design Progress Report provided in **Appendix D: Semi-Annual Remedy Selection and Design Progress Report**.

Due to the presence of Beaverdam Creek in the downgradient direction of ARGWC-22 and ARGWC-23, further well installation was infeasible. Surface water samples were collected on September 30, 2021 from 6 locations along Beaverdam Creek near AP-2 DAS, as shown on **Figure 2**. Surface water samples were collected in accordance with Region 4 U.S. Environmental Protection Agency Science and Ecosystem Support Division Operating Procedures for Surface Water Sampling (SESDPROC-201-R4, December 16, 2016). The laboratory report associated with the September 2021 sampling event is provided in **Appendix B**. Georgia Power will continue collecting the surface water samples semi-annually.

3.0 SAMPLE METHODOLOGY & ANALYSES

The following sections describe the methods used to complete groundwater monitoring at Plant Arkwright AP-2 DAS.

3.1 Groundwater Elevation Measurements and Flow Direction

Prior to sampling, groundwater elevations are recorded from each network well at AP-2 DAS. Groundwater elevations recorded during the semi-annual monitoring event are summarized in **Table 3: Summary of Groundwater Elevations**. Groundwater elevation data from the monitoring event were used to develop a potentiometric surface elevation contour map (**Figure 3: Potentiometric Surface AP-2 DAS – September 2021**). Groundwater flow in the uppermost aquifer (**Figure 3**) is to the south. This groundwater flow pattern is consistent with historical groundwater flow patterns.

3.2 Groundwater Gradient and Flow Velocity

The groundwater flow velocity at Plant Arkwright AP-2 DAS was calculated using a derivation of Darcy's Law. Specifically,

$$V = \frac{K * i}{n_e} \quad \text{Where:}$$

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

The general groundwater flow velocity was calculated for the Site based on hydraulic gradients, average hydraulic conductivity based on previous slug test data, and an estimated effective porosity of 0.20 (based on a review of several sources, including Driscoll, 1986; US EPA, 1989; Freeze and Cherry, 1979). The general groundwater flow velocity calculation is presented in **Table 4: Groundwater Flow Velocity Calculations**. The result for groundwater flow velocity was 0.29 feet/day (104.9 feet/year) in September 2021. These calculated groundwater velocities across the site are generally consistent with historical calculations and with expected velocities in the aquifers at the site, therefore, confirming the groundwater monitoring network as properly located to monitor the uppermost aquifer.

3.3 Groundwater Sampling

Groundwater samples were collected in September 2021. All sampling procedures were conducted in accordance with US EPA Region 4 Laboratory Services and Applied Science Division operating procedures. Each of the monitoring wells at the Site is equipped with a dedicated QED bladder pump except for wells installed in November 2019 (ARGWC-22 and ARGWC-23) and the four delineation piezometers, which were pumped with peristaltic pumps. The monitoring wells were purged and sampled using low-flow sampling procedures. Sampling equipment and pump intakes were placed at the midpoint of the well screen. Care was taken to maintain a water level above the top of screen and not draw the water level down below the pump during purging. Water level stabilization was achieved when three consecutive water level measurements vary by 0.3 foot or less at a pumping rate of no less than 100 milliliters per minute. A SmarTroll (In-Situ field instrument) was used to monitor and record field water quality parameters (pH, conductivity, dissolved oxygen (DO), temperature, and oxidation-reduction potential (ORP) and a Hach 2100Q was used to measure turbidity during well purging to verify stabilization prior to sampling. Groundwater samples were collected when the following stabilization criteria were met:

- pH \pm 0.1 Standard Units (S.U.);
- Specific conductance \pm 5%;
- 10% or 0.2, whichever is greater for DO > 0.5 milligrams per liter (mg/L). No criterion applies if DO < 0.5 mg/L;
- Turbidity measurements less than 5 nephelometric turbidity units;
- Temperature – Record only, not used for stabilization criteria;
- ORP – Record only, not used for stabilization criteria.

Once stabilization was achieved, samples were collected into appropriately preserved laboratory-supplied sample containers. Sample bottles were placed in ice-packed coolers and submitted to Eurofins TestAmerica Laboratories, Inc. (Eurofins TestAmerica) of Pittsburgh, Pennsylvania, and St. Louis, Missouri following chain-of-custody protocol. Stabilization logs, and Equipment Calibration forms are included in **Appendix B**.

3.4 Laboratory Analyses

The groundwater samples collected during the September 2021 routine semi-annual assessment monitoring event were analyzed for the full suites of Appendix III and Appendix IV constituents and the Appendix I constituent, silver. These samples were also analyzed for additional parameters to assist with remedy selection. Analytical methods used for groundwater sample analysis are listed on the analytical laboratory reports included in **Appendix B**.

Laboratory analyses were performed by Eurofins TestAmerica. Eurofins TestAmerica is accredited by National Environmental Laboratory Accreditation Program (NELAP) and maintains a NELAP

certification for the constituents analyzed for this project. In addition, Eurofins TestAmerica is certified to perform analysis by the State of Georgia. **Table 5: Analytical Data Summary - Groundwater** and **Table 6: Analytical Data Summary – Surface Water** provide concentrations from the September 2021 groundwater sampling event and the September 2021 surface water sampling event as reported by the laboratory.

3.5 Quality Assurance & Quality Control

During each sampling event, quality assurance/quality control (QA/QC) samples are collected. Equipment blanks (where non-dedicated sampling equipment is used) are collected at a rate of one QA/QC sample per 10 groundwater samples. Blind field duplicate samples were collected by filling additional containers at the same location during the sampling event and were collected at a rate of one QA/QC sample per 20 groundwater samples. Field blanks were also collected to evaluate ambient conditions at the sampling locations at a rate of one QA/QC sample per 20 groundwater samples. Quality assurance and quality control of the groundwater data was assessed by performing a data quality evaluation of the laboratory results reported. A data quality evaluation was conducted on the data using laboratory precision and accuracy, and analytical method requirements. The constituent concentrations were generally within the historical range of concentrations. The data quality evaluations are included in **Appendix B**.

The analytical results provided in **Table 5** provide concentrations from the September 2021 assessment sampling event as reported by the laboratory. When values are followed by a “J” flag, this indicates that the value is an estimated analyte concentration detected between the method detection limit and the laboratory reporting limit. The estimated value is positively identified but is below the lowest level that can be reliably achieved within specified limits of precision and accuracy under routine laboratory operating conditions. Radium values followed by a “U” flag indicate the constituent was not detected above the analytical minimum detectable concentration. The relative percent difference values of concentrations five times the practical quantitation limit (PQL) ranged within the allowable 20%. The data are considered usable for meeting project objectives and the results are considered valid.

4.0 STATISTICAL ANALYSIS

Statistical analysis of Appendix I, Appendix III and IV groundwater monitoring data was performed on samples collected from the groundwater monitoring network pursuant to 40 CFR § 257.93(f) and following the statistical analysis plan. The statistical analysis method used at the Site was developed by Groundwater Stats Consulting, LLC (GSC) using methodology presented in Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance, March 2009, EPA 530/R-09-007 (US EPA, 2009). To develop the statistical method, analytical data collected during the background period were evaluated and used to develop statistical limits for each Appendix I and Appendix III constituent. Subsequent detection monitoring results were compared to the statistical limits to determine if concentrations were statistically different from background.

The following subsections provide an overview of the statistical methods used to evaluate Appendix I, Appendix III and IV constituents and statistical analyses results.

4.1 Statistical Method

Sanitas groundwater statistical software (Sanitas) was used to perform the statistical analyses at the Site. Sanitas is a commercially available decision support software package that incorporates the statistical tests required of Subtitle C and D facilities by US EPA regulations and guidance as recommended in the Unified Guidance (US EPA, 2009) document. The interwell method was used for the analysis of the Appendix I and III constituents. Confidence intervals were also used to evaluate the six Appendix I (arsenic, barium, cadmium, lead, selenium, and silver) and Appendix IV constituents. **Table 7: Statistical Method Summary** provides a summary of the statistical methodology used at AP-2 DAS for the monitoring event conducted in September 2021. Specific methodology information is described in the following paragraphs.

4.1.1 Appendix I and Appendix III Statistical Method

When using the interwell method, upgradient well data are pooled to establish a background statistical limit for each constituent. The interwell 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. Interwell prediction limits (PL) were used for the following locations and constituents:

- AP-2 DAS Appendix I: arsenic, barium, cadmium, chloride, lead, selenium, silver, and sulfate
- AP-2 DAS Appendix III: Boron, calcium, chloride, fluoride, sulfate, Total Dissolved Solids (TDS), and pH.

Data from groundwater samples from downgradient wells collected in the September 2021 monitoring event were compared to the PLs to evaluate whether concentrations exceed background statistical limits.

If data from a sampling event initially exceeds the PL, an optional resampling strategy can be used to verify the result. In 1-of-2 resampling, one independent resample is collected and evaluated within 90 days to determine whether the initial exceedance is verified. If the resample exceeds the PL, the initial exceedance is verified, and an SSI is identified. When a resample result does not verify the initial result, and does not exceed the PL, there is no SSI. If resampling is not performed, the initial exceedance is a confirmed exceedance. If the initial finding is not verified by a resampling result, the resampled value will replace the initial finding. When the resample confirms the initial finding, the exceedance will be reported.

4.1.2 Appendix IV Statistical Method

The assessment monitoring program statistics for Appendix IV constituents at Plant Arkwright were conducted in two parts. The first part was the calculation of tolerance limits for site-specific background limits for Appendix IV constituents. The second part was the calculation of confidence limits for individual downgradient well/constituent pairs.

Interwell tolerance limits were used to calculate the site-specific background limits from pooled upgradient well data for Appendix IV constituents. Parametric tolerance limits are used when data follow a normal or transformed-normal distribution such as for radium. When data contained greater than 50% nondetects or did not follow a normal or transformed-normal distribution, non-parametric tolerance limits were used. The background limits were then used when determining the GWPS under 40 CFR § 257.95(h).

As described in 40 CFR § 257.95(h) (1-3), the GWPS is:

- The maximum contaminant level (MCL) established under §141.62 and §141.66 of this title
- Where an MCL has not been established for a constituent, CCR-rule specified levels (RSLs) have been specified for cobalt (0.006 mg/L), lead (0.015 mg/L), lithium (0.040 mg/L), and molybdenum (0.100 mg/L)
- The respective background level for a constituent when the background level is higher than the MCL or Federal CCR Rule identified GWPS

On July 30, 2018, US EPA revised the Federal CCR rule updating GWPS for cobalt, lead, lithium, and molybdenum as described above in 40 CFR § 257.95(h)(2). GA EPD has not incorporated the updated GWPS into the current GA EPD Rules for Solid Waste Management 391-3-4-.10(6)(a); therefore, for sites regulated under GA EPD Rules, the GWPS is:

- The MCL or
- The background concentration when an MCL is not established or when the background concentration is higher than the MCL.

Table 8: Summary of Groundwater Protection Standards summarizes the background limits established for each Appendix IV constituent and the GWPS established under GA EPD Rules.

To complete the statistical comparison to GWPS, confidence intervals were constructed for each of the Appendix IV constituents in each downgradient well. The Sanitas software was used to calculate the tolerance limits and the confidence intervals. Those confidence intervals were compared to the GWPS. Only when the entire confidence interval is above a GWPS is the downgradient well/constituent pair considered to exceed its respective standard. If there is an exceedance of the GWPS, an SSL is identified.

4.2 Statistical Analyses Results – Appendix I and Appendix III

The statistical analysis and comparison to prediction limits are included in **Appendix C: Statistical Analyses**. A table of identified SSIs for the September 2021 Appendix III data can be found in **Appendix C**. Appendix I constituent, silver, was not identified as an SSI during the semi-annual sampling event. Based on review of the full Appendix III statistical analysis discussion presented in **Appendix C**, groundwater conditions have not returned to background concentrations and assessment monitoring should continue to be conducted.

4.3 Statistical Analyses - Appendix IV

Appendix C shows the individual well/constituent pairs with their respective confidence intervals in comparison to the respective constituent GWPS, which is based on site-specific background as required by GA EPD. Based on the statistical results presented in **Appendix C**, SSLs identified in September 2021 include:

- Cobalt: ARGWC-22
- Lithium: ARAMW-2, ARGWC-22, and ARGWC-23
- Molybdenum: ARGWC-23

4.4 Nature and Extent of Constituents

The SSLs for cobalt, lithium, and molybdenum noted in the previous section are spatially delineated in downgradient wells or in downgradient surface water to below the GWPSs. The SSLs for cobalt, lithium, and molybdenum are horizontally delineated by surface water samples collected and analyzed from Beaverdam Creek. Vertical delineation efforts for cobalt and lithium

at ARGWC-22 and molybdenum at ARGWC-23 are ongoing with collection and analysis of samples collected from delineation piezometers ARAMW-7 and ARAMW-8. Lithium concentrations at ARGWC-23 and ARAMW-2 are vertically delineated by piezometers ARAMW-8 and ARAMW-1, respectively. Following the next semi-annual sampling event, statistical analysis of delineation data will be performed for ARAMW-7 and ARAMW-8 (after a minimum of 4 sampling events).

Due to the presence of Beaverdam Creek in the downgradient direction of ARGWC-22 and ARGWC-23, further well installation was infeasible. Georgia Power collected surface water samples in September 2021 from 6 locations along Beaverdam Creek. The surface water sampling locations are shown on **Figure 2**. Locations BC-0.8a, BC-0.5.7 and BC-0.5.6 horizontally delineate cobalt, locations BC-0.8a, BC-0.5.6, and BC-0.5.5 horizontally delineate lithium, and locations BC-0.5.6 and BC-0.5.5 horizontally delineate molybdenum. Surface water samples collected in September 2021 indicate lithium and molybdenum were not detected, and cobalt was reported only as estimated values below the laboratory reporting limit. Based on these results, no impacts to surface water have been detected, and horizontal delineation to below the GWPS is considered complete. The surface water analytical results from the September 2021 sampling event are summarized in **Table 6**. Georgia Power will continue collecting the surface water samples semi-annually.

5.0 MONITORING PROGRAM STATUS

5.1 Assessment Monitoring Status

Pursuant to 40 CFR § 257.96(b), Plant Arkwright AP-2 DAS will remain in assessment monitoring and the assessment of corrective measures will continue during the next reporting period.

5.2 Assessment of Corrective Measures

The ACM efforts completed during the reporting period covered by this groundwater monitoring and corrective action report are presented in the Semi-Annual Remedy Selection and Design Progress Report provided in **Appendix D: Semi-Annual Remedy Selection and Design Progress Report**. The semi-annual progress report summarizes:

- (i) the current conceptual site model applicable to evaluating groundwater corrective measures proposed in the ACM Report (Wood, 2020b)
- (ii) the analytical data obtained during supplemental ACM-specific field investigations;
- (iii) the status of evaluating applicable corrective measures; and
- (iv) the planned activities and anticipated schedule for the following semi-annual reporting period.

Georgia Power will include future Semi-Annual Remedy Selection and Design Progress Reports with each groundwater monitoring and corrective action report.

6.0 CONCLUSIONS & FUTURE ACTIONS

The *2021 Semi-Annual Groundwater Monitoring and Corrective Action Report* was prepared to fulfill the requirements of US EPA's 40 CFR §257.95 and GA EPD Rules for Solid Waste Management 391-3-4-.10. Statistical evaluations of the groundwater monitoring data for AP-2 DAS identified SSLs of cobalt in ARGWC-22, lithium in ARAMW-2, ARGWC-22, and ARGWC-23, and molybdenum in ARGWC-23 above the GWPS, which are based on site-specific background as required by GA EPD.

Georgia Power will continue to monitor AP-2 DAS under the assessment monitoring program pursuant to 40 CFR §257.95 and evaluate the potential remedies presented in the remedy selection and progress Report (**Appendix D**). The next semi-annual sampling event is planned for February 2022. The February 2022 semi-annual assessment monitoring event will include sampling and analysis of all Appendix III and IV constituents, as well as permit specific Appendix I constituents. Additional groundwater monitoring and delineation activities in support of ACM efforts will occur in the interim as described in the remedy selection and progress report presented in **Appendix D**.

7.0 REFERENCES

Atlantic Coast Consulting, Inc., 2019, 2019 First Semiannual Groundwater Monitoring Report, August 2019.

Clark, W.Z. and Zisa A.C., 1976, Physiographic Map of Georgia, Georgia Department of Natural Resources.

Driscoll, F.G. 1986, Ground Water and Wells, 2nd Edition, Johnson Filtration Systems, Inc., St. Paul. Minnesota, 1089p.

Freeze, R.A. and Cherry, J.A. 1979, Groundwater, Prentice-Hall, Englewood Cliffs, New Jersey, 604 pp.

LeGrand, H. E. 1962, Geology and Ground-water Resources of the Macon Area, Georgia. The Geological Survey Bulletin No. 72.

Southern Company Services, Inc., 2005, Plant Arkwright Ash Ponds 2 and 3 and Ash Monofill Site Acceptability Report, Revision 1.

Sanitas: Groundwater Statistical Software, Sanitas Technologies, Shawnee, KS, 2007. www.sanitastech.com

United States Environmental Protection Agency (US EPA), 1989. US EPA 530/SW-89-031 Interim Final RCRA Investigation (RFI) Guidance, Volume I and II.

US EPA, 1993. Subpart E, Groundwater Monitoring and Corrective Action, in Chapter 5, Solid Waste Disposal Facility Criteria Technical Manual. EA530-R-93-017.

US EPA, 2000. Guidance for Data Quality Assessment: Practical Methods for Data Analysis; US EPA QA/G-9, QA00 Update. Environmental Protection Agency report US EPA/600/R-96/084, Office of Environmental Information, Washington, D.C.

US EPA, March 2009. Unified Guidance, Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities. Office of Solid Waste Management Division, U.S. Environmental Protection Agency, Washington, D. C.

US EPA. 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance. Office of Resource Conservation and Recovery – Program Implementation and Information Division. March.

US EPA. 2011. Data Validation Standard Operating Procedures. Science and Ecosystem Support Division. Region IV. Athens, GA. September.

- US EPA. 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]. RIN-2050-AE81. April.
- US EPA. 2017. National Functional Guidelines for Inorganic Superfund Methods Data. Office of Superfund Remediation and Technology Innovation. OLEM 9355.0-135 [EPA-540-R-2017-001]. Washington, DC. January.
- Wood Environment & Infrastructure Solutions, Inc., 2020a. 2020 Annual Groundwater Monitoring and Corrective Action Report – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, July 31, 2020.
- Wood Environment & Infrastructure Solutions, Inc., 2020b. Assessment of Corrective Measures – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, December 4, 2020.
- Wood Environment & Infrastructure Solutions, Inc., 2021a. Semi-Annual Remedy Selection and Design Progress Report – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, July 30, 2021.
- Wood Environment & Infrastructure Solutions, Inc., 2021b. 2021 Annual Groundwater Monitoring and Corrective Action Report – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, July 30, 2021.
- Wood Environment & Infrastructure Solutions, Inc., 2021c. Semi-Annual Remedy Selection and Design Progress Report – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, February 26, 2021.

TABLES

TABLE 1
SUMMARY OF MONITORING WELL AND PIEZOMETER CONSTRUCTION - MONITORING WELLS AND DELINEATION PIEZOMETERS
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, Georgia

Well	Installation Date	Northing ⁽¹⁾	Easting ⁽¹⁾	Top of Casing Elevation (feet NAVD88) ⁽²⁾⁽³⁾	Ground Surface Elevation (feet NAVD88) ⁽²⁾⁽³⁾	Top of Screen Elevation (feet NAVD88) ⁽⁴⁾	Screen Bottom Elevation (feet NAVD88) ⁽⁴⁾	Screen Length (feet)	Total Well Depth on Construction Log (feet below land surface)	Groundwater Zone Screened	Location
Monitoring Wells											
ARGWA-19	12/16/2008	1063774.45	2439488.71	343.30	339.86	300.18	290.18	10.0	49.98	Bedrock	Upgradient
ARGWA-20	12/4/2008	1063732.73	2439088.01	331.28	327.73	303.18	293.18	10.0	34.85	Overburden	Upgradient
ARGWC-21	12/2/2008	1062941.24	2439112.52	309.15	305.97	291.70	281.70	10.0	24.57	Overburden	Downgradient
ARGWC-22	11/19/2019	1063039.36	2438925.04	309.95	307.01	292.01	282.01	10.0	25.00	Overburden	Downgradient
ARGWC-23	11/20/2019	1062884.38	2439202.38	307.70	304.29	289.29	279.29	10.0	25.00	Overburden	Downgradient
Delineation Piezometers											
ARAMW-1	11/20/2019	1062938.38	2439120.01	308.51	305.07	271.07	261.07	10.0	44.00	Bedrock	Downgradient
ARAMW-2	11/20/2019	1062925.96	2439114.97	308.27	305.12	293.12	283.12	10.0	22.00	Overburden	Downgradient
ARAMW-7 ⁽⁵⁾	11/14/2020	1063049.07	2438913.27	309.81	307.13	269.43	259.43	10.0	48.00	Bedrock	Downgradient
ARAMW-8 ⁽⁵⁾	11/13/2020	1062895.98	2439197.40	307.36	304.53	267.83	257.83	10.0	47.00	Bedrock	Downgradient

- Notes:
1. Horizontal locations referenced to Georgia State Plane West, North American Datum (NAD) of 1983 surveyed in June 26, 2020.
 2. Vertical elevations are feet referenced to North American Vertical Datum of 1988 (NAVD88).
 3. Elevations updated with revised survey certified by Donaldson & Garrett Associates on June 26, 2020.
 4. Screen elevations calculated using Ground Surface Elevation surveyed on June 26, 2020.
 5. ARAMW-7 and ARAMW-8 were surveyed by Donaldson & Garrett Associates and certified on December 18, 2020.

TABLE 2
GROUNDWATER SAMPLING EVENT SUMMARY
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, Georgia

Well ID	Hydraulic Location	September 7-10, 2021	Status of Monitoring Well
ASH POND #2 MONITORING WELL NETWORK			
ARGWA-19	Upgradient	X	Assessment Monitoring
ARGWA-20	Upgradient	X	Assessment Monitoring
ARGWC-21	Downgradient	X	Assessment Monitoring
ARGWC-22	Downgradient	X	Assessment Monitoring
ARGWC-23	Downgradient	X	Assessment Monitoring
ARAMW-1	Delineation Piezometer	X	Assessment Monitoring
ARAMW-2	Delineation Piezometer	X	Assessment Monitoring
ARAMW-7	Delineation Piezometer	X	Assessment Monitoring
ARAMW-8	Delineation Piezometer	X	Assessment Monitoring

Notes:

X - Well sampled during the September 7-10, 2021 monitoring event

TABLE 3
SUMMARY OF GROUNDWATER ELEVATIONS
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, Georgia

Well ID	Northing	Easting	Top of Casing Elevation (feet NAVD88)⁽²⁾	Depth to Water (feet below TOC)⁽¹⁾ Event #16 9/2/2021	Groundwater Elevation (feet NAVD88)⁽³⁾ Event #16 9/2/2021
ARGWA-19	1063774.45	2439488.71	343.30	28.15	315.15
ARGWA-20	1063732.73	2439088.01	331.28	15.51	315.77
ARGWC-21	1062941.24	2439112.52	309.15	14.26	294.89
ARGWC-22	1063039.36	2438925.04	309.95	14.20	295.75
ARGWC-23	1062884.38	2439202.38	307.70	12.43	295.27
ARAMW-1	1062938.38	2439120.01	308.51	13.56	294.95
ARAMW-2	1062925.96	2439114.97	308.27	13.69	294.58
ARAMW-7	1063049.07	2438913.27	309.81	13.11	296.70
ARAMW-8	1062895.98	2439197.40	307.36	11.92	295.44

Notes:

1. Groundwater elevations were measured as depth to water from the top of casing (TOC).
2. Groundwater elevations were calculated using the June 2020 re-surveyed TOC elevations, except for ARAMW-7 and ARAMW-8 which were surveyed in December 2020.
3. Groundwater elevations are feet referenced to North American Vertical Datum of 1988 (NAVD88)

TABLE 4
GROUNDWATER FLOW VELOCITY CALCULATIONS
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, Georgia

Potentiometric Map Date	Water-Bearing Zone	Location	Groundwater Elevations in Well Pairs (h ₁ , h ₂) (feet)		Change in Elevation (Δh) (feet)	Distance Measured (L) (feet)	Hydraulic Gradient (i) (feet/feet)	Average Hydraulic Conductivity (K) (feet/day)	Estimated Effective Porosity (n _e)	Calculated Groundwater Flow Velocity (V) (feet/day)	Calculated Groundwater Flow Velocity (V) (feet/year)
September 2021	Water Table Aquifer	ARGWA-20 to ARGWC-21	315.77	294.89	20.88	792	0.026	2.18	0.2	0.29	104.9

Notes:

1. In-situ hydraulic conductivity (slug) tests in the overburden at the Site has an average of 2.18 feet/day.
2. Effective porosity of 20% was selected for the silty sands/sandy silts overburden based on a review of several sources, including Driscoll, 1986; US EPA, 1989; Freeze and Cherry, 1979.

TABLE 5
ANALYTICAL DATA SUMMARY - GROUNDWATER
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, Georgia

Substance	Well ID									
	ARGWA-19	ARGWA-20	ARGWC-21	ARGWC-22	ARGWC-23	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	
	9/7/2021	9/8/2021	9/8/2021	9/10/2021	9/9/2021	9/9/2021	9/10/2021	9/10/2021	9/9/2021	
APPENDIX III	Boron	<0.039	0.064 (J)	0.79	2.7	0.41	1.0	0.85	2.6	0.53
	Calcium	9.2	11	81	200	70	93	130	290	71
	Chloride	7.4	5.9	4.0	6.7	4.7	4.5	4.2	6.5	7.4
	Fluoride	0.10	0.067 (J)	0.16	0.035 (J)	0.48	0.21	0.13	0.032 (J)	0.19
	Sulfate	9.9	16	230	760	72	210	440	1100	100
	TDS	110	120	560	1300	320	560	870	1700	260
	pH	5.85	5.59	5.94	5.62	6.35	6.10	6.01	5.70	6.56
APPENDIX IV	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	0.044	<0.00031	<0.00031
	Barium	0.030	0.085	0.045	0.026	0.12	0.051	0.13	0.029	0.094
	Beryllium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	0.0059	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Cobalt	<0.00013	0.00050 (J)	0.00070 (J)	0.0015 (J)	0.00090 (J)	0.00072 (J)	0.0022 (J)	0.075	0.0046
	Lead	<0.00013	0.00024 (J)	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Lithium	0.0034 (J)	<0.0034	0.012	0.021	0.045	0.0095	0.025	0.060	0.0062
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Molybdenum	<0.00061	<0.00061	<0.00061	<0.00061	0.071	0.0059 (J)	<0.00061	<0.00061	0.12
	Radium	0.310 U	0.440 U	1.12	0.713	0.498	0.972	3.40	4.23	0.160 U
	Selenium	<0.0015	<0.0015	<0.0015	0.0020 (J)	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
Thallium	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	
* Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	

Notes:

1. Results for constituents are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
2. < indicates the constituent was not detected above the analytical method detection limit (MDL).
3. J indicates the constituent was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value.
Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. TDS indicates total dissolved solids.
5. U indicates the constituent was detected below the Minimum Detection Concentration (MDC) and the precision of the laboratory instruments could not produce a reliable value. Therefore, the value followed by U is qualified by the laboratory as estimated.
6. * - Georgia Appendix I constituent that is not also included in Appendix IV.

TABLE 6
ANALYTICAL DATA SUMMARY - SURFACE WATER
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, Georgia

Substance		Surface Water Sample Location					
		BC-0.8a	BC-0.5.7	BC-0.5.6	BC-0.5.5	BC-BR	BC-0.3
		9/30/2021	9/30/2021	9/30/2021	9/30/2021	9/30/2021	9/30/2021
APPENDIX III	Boron	<0.039	0.043 (J)	<0.039	0.041 (J)	<0.039	<0.039
	Calcium	9.4	9.9	9.7	10	10	10
	Chloride	8.8	8.9	9.2	9.0	9.3	9.3
	Fluoride	0.16	0.13	0.15	0.11	0.12	0.12
	Sulfate	4.2	6.7	6.7	6.6	7.0	6.3
	TDS	92	100	97	110	96	96
	pH	7.27	7.24	7.32	7.32	7.42	7.39
APPENDIX IV	Antimony	NA	NA	NA	NA	NA	NA
	Arsenic	NA	NA	NA	NA	NA	NA
	Barium	NA	NA	NA	NA	NA	NA
	Beryllium	NA	NA	NA	NA	NA	NA
	Cadmium	NA	NA	NA	NA	NA	NA
	Chromium	NA	NA	NA	NA	NA	NA
	Cobalt	0.00031 (J)	0.00045 (J)	0.00033 (J)	0.00056 (J)	0.00042 (J)	0.00029 (J)
	Lead	NA	NA	NA	NA	NA	NA
	Lithium	<0.0034	NA	<0.0034	<0.0034	<0.0034	<0.0034
	Mercury	NA	NA	NA	NA	NA	NA
	Molybdenum	<0.00061	NA	<0.00061	<0.00061	<0.00061	<0.00061
	Radium	NA	NA	NA	NA	NA	NA
	Selenium	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA	
* Silver	NA	NA	NA	NA	NA	NA	

Notes:

1. Results for constituents are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
2. < indicates the constituent was not detected above the analytical method detection limit (MDL).
3. J indicates the constituent was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value.
Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. TDS indicates total dissolved solids.
5. NA indicates constituent was not analyzed
6. * - Georgia Appendix I constituent that is not also included in Appendix IV.

TABLE 7
STATISTICAL METHOD SUMMARY
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, GA

Statistical Methodology	Data Screening on Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available.
	Statistical Limits	Interwell statistical limits.
	Prediction Limits	<p>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.</p> <p>Nonparametric when data sets contain greater than 50% non-detects or when data are not normally or transformed-normally distributed.</p>
	Management of Non-Detects	<p>When data contain less than 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 practical quantitation limit (PQL) as reported by the laboratory.</p> <p>When data contain between 15-50% non-detects the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.</p>
	Confidence Intervals	Used in Assessment and Corrective Action monitoring.
	No Statistical Testing	Statistical testing is not required for parameters containing 100% non-detects (US EPA Unified Guidance, 2009, Chapter 6).
	Verification Resample Plan	Optional 1-of-2 with minimum of 8 samples per well for interwell testing.
	Optional	<ul style="list-style-type: none"> ▪ Initial statistical exceedance warrants optional independent resampling within 90 days. ▪ If resample passes, well/parameter is not a confirmed statistically significant increase (SSI). ▪ If resample exceeds, well/parameter has a confirmed SSI. <p>If no resample is collected, the original result is deemed verified.</p>

TABLE 8
SUMMARY OF GROUNDWATER PROTECTION STANDARDS
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, Georgia

Constituent	Units	MCL	Federal CCR Rules Specified Limit	Site-Specific Background September 2021	State Derived Site GWPS ⁽²⁾ September 2021
Antimony	mg/L	0.006		0.002	0.006
Arsenic	mg/L	0.01		0.0015	0.01
Barium	mg/L	2.0		0.1	2.0
Beryllium	mg/L	0.004		0.0025	0.004
Cadmium	mg/L	0.005		0.0025	0.005
Chromium	mg/L	0.1		0.0078	0.1
Cobalt ⁽¹⁾	mg/L		0.006	0.0025	0.0025
Fluoride	mg/L	4.0		0.14	4.0
Lead ⁽¹⁾	mg/L		0.015	0.001	0.001
Lithium ⁽¹⁾	mg/L		0.04	0.013	0.013
Mercury	mg/L	0.002		0.0002	0.002
Molybdenum ⁽¹⁾	mg/L		0.1	0.015	0.015
Combined Radium	piC/L	5.0		1.33	5.0
Selenium	mg/L	0.05		0.005	0.05
Silver	mg/L			0.001	0.001
Thallium	mg/L	0.002		0.001	0.002

Notes:

mg/L - milligrams per liter

piC/L - picoCuries per liter

MCL - Maximum Contaminant Level: The MCL is the GWPS under the Federal CCR Rule unless background is greater.

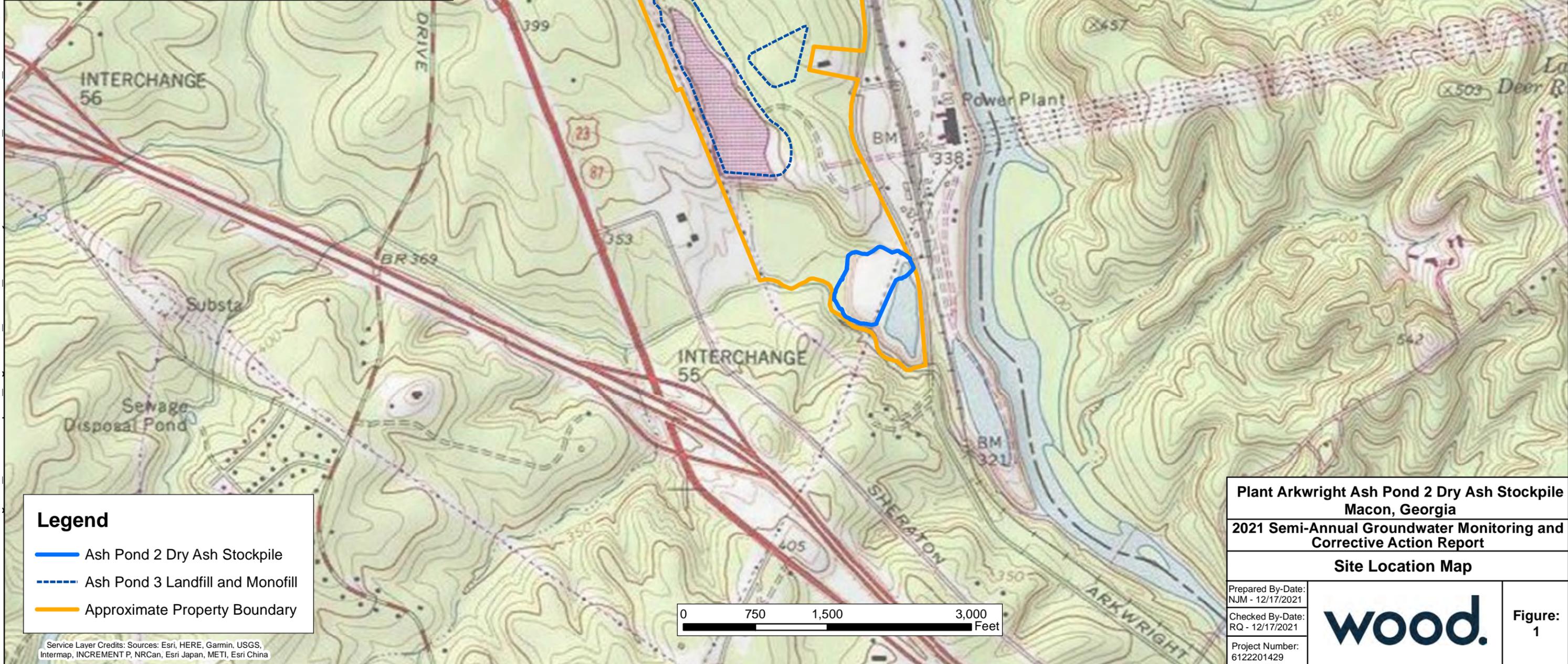
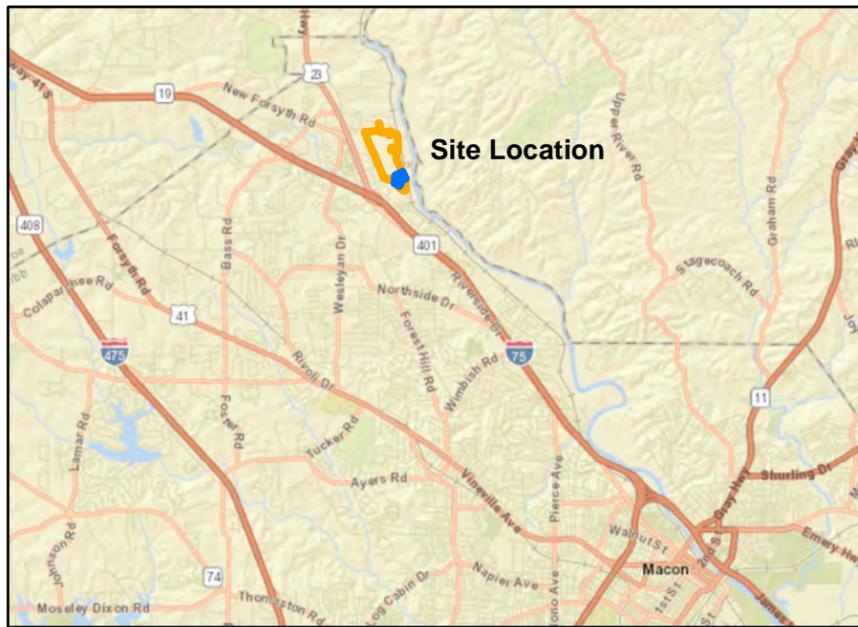
Federal CCR Rules Specified Limit - Groundwater protection standard specified in the Federal CCR Rule 40 CFR § 257.95 (h) Amendment July 30, 2018

GWPS - Groundwater Protection Standard

(1) Constituent without an established MCL. The background limits were used when determining the groundwater protection standard (GWPS) under 40 CFR §257.95(h) and Georgia Environmental Protection Division (EPD) Rule 391-3-4-.10(6)(a).

(2) Under the existing Georgia EPD Rules, the GWPS is: (i) the MCL, (ii) where the MCL is not established, the background concentration, or (iii) background concentrations for constituents where the background level is higher than the MCL.

FIGURES



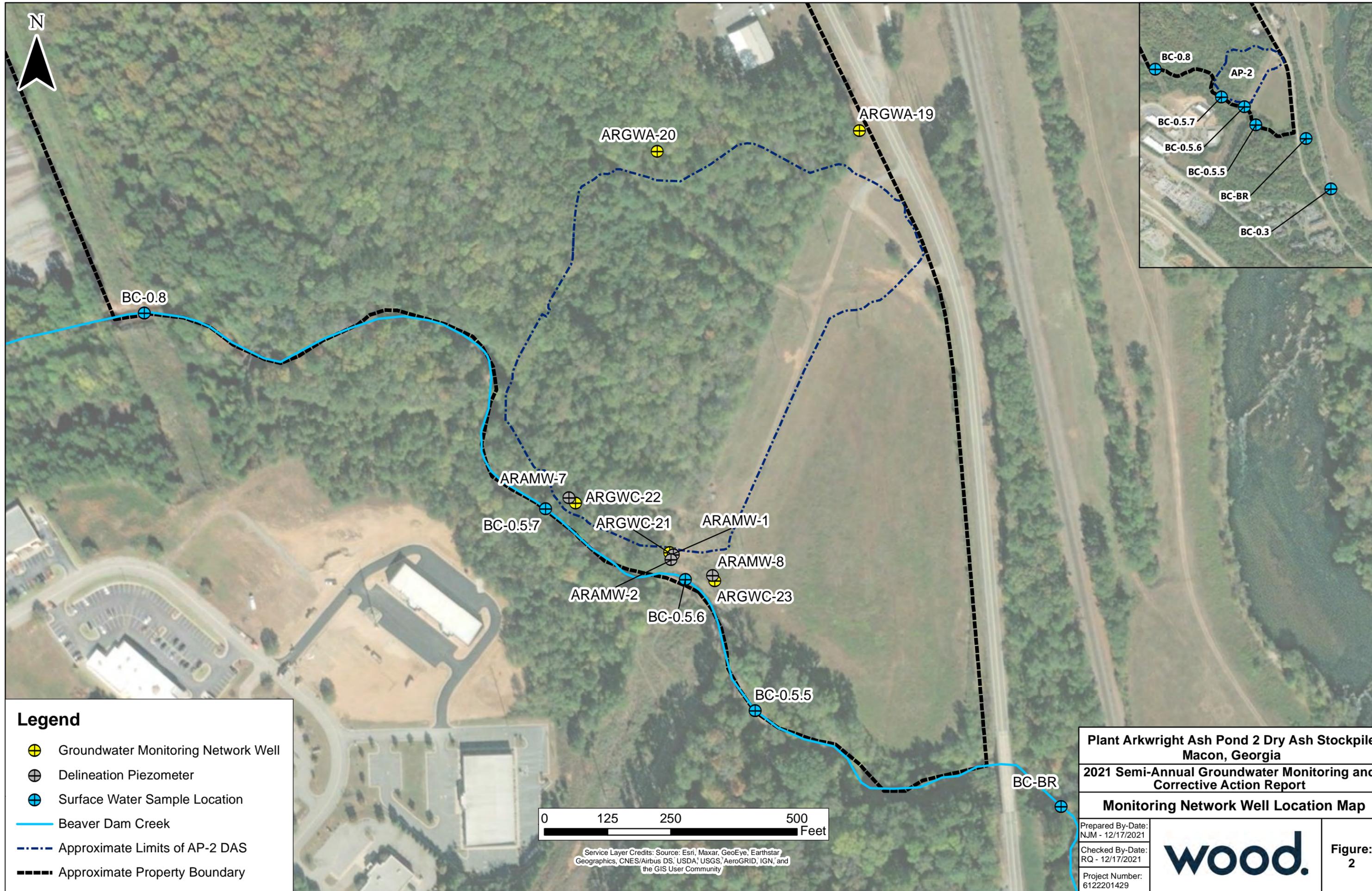
**Plant Arkwright Ash Pond 2 Dry Ash Stockpile
Macon, Georgia**
**2021 Semi-Annual Groundwater Monitoring and
Corrective Action Report**
Site Location Map

Prepared By-Date:
NJM - 12/17/2021
 Checked By-Date:
RQ - 12/17/2021
 Project Number:
6122201429



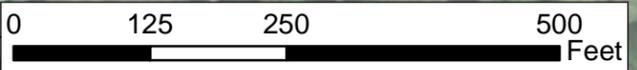
**Figure:
1**

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China



Legend

- ⊕ Groundwater Monitoring Network Well
- ⊕ Delineation Piezometer
- ⊕ Surface Water Sample Location
- Beaver Dam Creek
- - - Approximate Limits of AP-2 DAS
- - - Approximate Property Boundary



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Plant Arkwright Ash Pond 2 Dry Ash Stockpile
Macon, Georgia**
**2021 Semi-Annual Groundwater Monitoring and
Corrective Action Report**
Monitoring Network Well Location Map

Prepared By-Date:
NJM - 12/17/2021
 Checked By-Date:
RQ - 12/17/2021
 Project Number:
6122201429

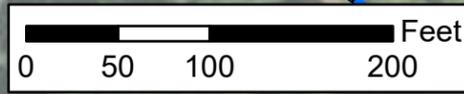


**Figure:
2**



Legend

- 294.58 Groundwater Elevation (ft NAVD88)
- Groundwater Elevation Location
- Interpreted Groundwater Flow Direction
- Potentiometric Surface Contour (ft NAVD88)
- Beaverdam Creek
- Approximate Limits of AP-2 DAS
- Approximate Property Boundary



Service Layer Credits: World Imagery; Maxar

Plant Arkwright Ash Pond 2 Dry Ash Stockpile - Macon, Georgia	
2021 Semi-Annual Groundwater Monitoring and Corrective Action Report	
Potentiometric Surface AP-2 DAS September 2021	
Prepared By-Date: JCD - 12/17/2021	
Checked By-Date: JMQ - 12/17/2021	
Project Number: 6122201429	
Figure: 3	

APPENDIX A

WELL INSPECTIONS

WELL REPAIRS



MEMORANDUM

Date: December 10, 2021
To: Kristen Jurinko – Georgia Power
CC: Ben Hodges
From: Wood Environment & Infrastructure Solutions, Inc.
Subject: Plant Arkwright Ash Ponds 2 DAS - Well Maintenance and Repair Documentation
Georgia Power Company

Wood Environment & Infrastructure Solutions, Inc. (Wood) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at PLANT ARKWRIGHT AP-2 DAS during the semiannual reporting period. All repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/ Repair Performed
Arkwright Ash Pond 2 DAS			AP-2 DAS wells did not require repairs or maintenance for this monitoring event

WELL INSPECTIONS

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID DASP-1 (1" PVC pipe)
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID DA SP-2 (1" PVC pipe)
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID DASS-1 (1" PVC pipe)
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)? <i>mud at bottom of well</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID DASS-3 (1" PVC pipe)
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i> mud at bottom of well</i>				
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

 Daniel Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID D A 5 5 - 4
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)? <i>mud at bottom of well</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

David Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID ARAMW-1
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID ARAWW-2
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
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c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID ARAMW-7
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID ARAMW-8
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID ARGWA-19
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID ARGWA-20
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Well needs redeveloping

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID ARKWC-21
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

David Howard

Groundwater Monitoring Well Integrity Form

Site Name Plant ARKWRIGHT
 Permit Number _____
 Well ID ARGWC-22
 Date 9/2/21

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

David Howard

APPENDIX B

FIELD SAMPLING DATA AND ANALYTICAL DATA REPORTS

**APPENDIX B
SEPTEMBER 2021 FIELD PARAMETERS**

Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, Georgia

Well ID	Sample Date	Purge Volume (liters)	Time Elapsed (seconds)	DTW at End of Purging (feet, BTOC)	Drawdown (feet)	Temperature (°C)	pH (SU)	Specific Conductance (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)
ARGWA-19	9/7/21	5.0	1500	28.24	0.02	21.45	5.85	124.99	0.51	3.05	116.3
ARGWA-20	9/8/21	27.8	11100	15.64	0.05	22.75	5.59	136.67	4.82	5.47	247.5
ARGWC-21	9/8/21	6.8	2700	14.80	0.5	21.15	5.94	708.89	4.62	0.22	80.1
ARGWC-22	9/10/21	7.0	2100	14.54	0.26	18.82	5.62	1478.1	1.14	0.18	83.0
ARGWC-23	9/9/21	3.0	1800	13.39	0.91	24.29	6.35	476.91	0.58	0.29	165.5
ARAMW-1	9/9/21	5.8	1800	13.79	0.26	20.95	6.10	749.75	1.80	0.13	-25.7
ARAMW-2	9/10/21	30.0	9300	13.74	0.03	21.70	6.01	979.61	4.69	0.17	-9.7
ARAMW-7	9/10/21	3.8	1500	13.55	0.26	19.71	5.70	1707.0	0.98	0.21	-115.3
ARAMW-8	9/9/21	4.5	2700	14.53	2.5	26.95	6.56	625.23	3.52	0.68	-30.0

Notes:

1. DTW - Depth to Water.
2. BTOC - Below Top of Casing.
3. SU - Standard Units.
4. µS/cm - microsiemens per centimeter.
5. NTU - Nephelometric Turbidity Units.
6. ORP - Oxidation-Reduction Potential.
7. mg/L - milligrams/Liter.
8. mV - milliVolts.

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-126791-1
Client Project/Site: Plant Arkwright AP-2 DAS
Revision: 1

For:
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
12/15/2021 10:38:24 AM

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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.

PA Lab ID: 02-00416

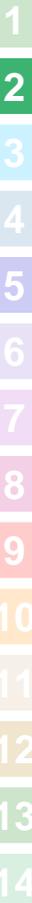


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Case Narrative

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Job ID: 180-126791-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

Job Narrative 180-126791-1

Comments

121521 Revised report to correct some of the metals units from ug/L to mg/L. This report replaces the report previously issued on 100621.

Receipt

The samples were received on 9/8/2021 10:30 AM, 9/9/2021 10:00 AM, 9/10/2021 9:00 AM and 9/11/2021 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 2.5° C, 2.5° C, 2.8° C, 3.5° C, 3.7° C and 4.1° C.

GC Semi VOA

Method 300.0: The following sample were re-analyzed outside of analytical holding time for orthophosphate due to QC failure: ARGWA-19 (180-126791-1), EB-1 (180-126808-1), ARGWA-20 (180-126808-2).

Method 300.0: The matrix spike (MS) recoveries for analytical batch 180-371082 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.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Field Service / Mobile Lab

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

Method SM 2320B: The lower laboratory control sample (LLCS) for analytical batch 180-371827 recovered outside control limits for alkalinity. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported for samples that were ND.

Method 9060A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with EB-1 (180-126808-1), ARGWA-20 (180-126808-2), ARAMW-2 (180-126951-1), ARGWC-22 (180-126955-1) and ARAMW-7 (180-126955-2). LCS/LCSD analyzed instead.

Method 9060A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with ARGWA-19 (180-126791-1). An LCS/LCSD pair was analyzed instead.

Method 9060A: ICV was double spiked by mistake. However, the results are within an acceptable range to mirror this so the results will be reported. (ICV 180-373324/2)

Method 9060A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with ARGWC-23 (180-126893-1), ARAMW-8 (180-126893-2) and FB-1 (180-126893-3). An LCS/LCSD pair was analyzed instead.

Method 9060A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with ARAMW-1 (180-126896-1). An LCS/LCSD pair was analyzed instead.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Subcontract Work

Method 1632 Arsenic Speciation III and IV: This method was subcontracted to Eurofins Frontier Global Sciences LLC. The subcontract laboratory certification is different from that of the facility issuing the final report.

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time
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
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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Laboratory: Eurofins TestAmerica, Pittsburgh

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22
California	State	2891	04-30-22
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	11-11-21
Georgia	State	PA 02-00416	10-26-21
Illinois	NELAP	004375	10-26-21
Kansas	NELAP	E-10350	10-26-21
Kentucky (UST)	State	162013	04-30-22
Kentucky (WW)	State	KY98043	12-31-21
Louisiana	NELAP	04041	11-11-21
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	10-26-21
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-05-22
New Jersey	NELAP	PA005	10-26-21
New York	NELAP	11182	10-26-21
North Carolina (WW/SW)	State	434	11-11-21
North Dakota	State	R-227	11-11-21
Oregon	NELAP	PA-2151	11-11-21
Pennsylvania	NELAP	02-00416	10-26-21
Rhode Island	State	LAO00362	12-31-21
South Carolina	State	89014	11-11-21
Texas	NELAP	T104704528	10-26-21
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	11-11-21
Virginia	NELAP	10043	10-26-21
West Virginia DEP	State	142	10-26-21
Wisconsin	State	998027800	11-11-21

Sample Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-126791-1	ARGWA-19	Water	09/07/21 16:08	09/08/21 10:30
180-126808-1	EB-1	Water	09/08/21 08:55	09/09/21 10:00
180-126808-2	ARGWA-20	Water	09/08/21 13:52	09/09/21 10:00
180-126808-3	ARGWC-21	Water	09/08/21 16:30	09/09/21 10:00
180-126893-1	ARGWC-23	Water	09/09/21 11:36	09/10/21 09:00
180-126893-2	ARAMW-8	Water	09/09/21 14:16	09/10/21 09:00
180-126893-3	FB-1	Water	09/09/21 09:10	09/10/21 09:00
180-126896-1	ARAMW-1	Water	09/09/21 15:10	09/10/21 09:00
180-126951-1	ARAMW-2	Water	09/10/21 11:55	09/11/21 09:00
180-126951-2	DUP-1	Water	09/10/21 00:00	09/11/21 09:00
180-126955-1	ARGWC-22	Water	09/10/21 09:52	09/11/21 09:00
180-126955-2	ARAMW-7	Water	09/10/21 11:42	09/11/21 09:00

- 1
- 2
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- 13
- 14

Method Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
EPA 9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL PIT
EPA 9060A	Organic Carbon, Total (TOC)	SW846	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
SM2320 B	Alkalinity, Total	SM18	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	SW846	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

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

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWA-19

Lab Sample ID: 180-126791-1

Date Collected: 09/07/21 16:08

Matrix: Water

Date Received: 09/08/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2000		1			370970	09/10/21 15:22	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			370761	09/09/21 14:49	J1T	TAL PIT
Dissolved	Prep	3005A			50 mL	50 mL	371921	09/17/21 12:38	TLP	TAL PIT
Dissolved	Analysis	EPA 6020B Instrument ID: NEMO		1			371992	09/18/21 10:25	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	371921	09/17/21 12:38	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			371992	09/18/21 10:22	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	371761	09/16/21 14:48	KEM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			371950	09/17/21 15:33	RJR	TAL PIT
Total/NA	Prep	9030B			50 mL	50 mL	371374	09/14/21 13:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034 Instrument ID: Q		1			371509	09/14/21 15:31	CMT	TAL PIT
Total/NA	Analysis	EPA 9060A Instrument ID: TOC1030		1			373165	09/23/21 04:52	KMM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	371108	09/12/21 18:05	KMM	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			371635	09/15/21 17:52	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			372007	09/07/21 16:08	FDS	TAL PIT

Client Sample ID: EB-1

Lab Sample ID: 180-126808-1

Date Collected: 09/08/21 08:55

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370760	09/09/21 23:52	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2000		1			370970	09/10/21 16:05	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			371469	09/16/21 07:19	J1T	TAL PIT
Dissolved	Prep	3005A			50 mL	50 mL	372115	09/20/21 11:31	KEM	TAL PIT
Dissolved	Analysis	EPA 6020B Instrument ID: A		1			372337	09/21/21 09:29	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	372115	09/20/21 11:31	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			372337	09/21/21 09:18	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	372115	09/20/21 11:31	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			372337	09/21/21 11:33	RSK	TAL PIT

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: EB-1

Lab Sample ID: 180-126808-1

Date Collected: 09/08/21 08:55

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	371676	09/16/21 09:29	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			371950	09/17/21 14:16	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Prep	9030B			50 mL	50 mL	371374	09/14/21 13:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034		1			371509	09/14/21 15:43	CMT	TAL PIT
Instrument ID: Q										
Total/NA	Analysis	EPA 9060A		1			372973	09/25/21 06:20	KMM	TAL PIT
Instrument ID: TOC1030										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	371225	09/13/21 15:31	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			371827	09/16/21 14:59	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: ARGWA-20

Lab Sample ID: 180-126808-2

Date Collected: 09/08/21 13:52

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370760	09/09/21 20:52	J1T	TAL PIT
Instrument ID: CHIC2100A										
Total/NA	Analysis	EPA 300.0 R2.1		1			370970	09/10/21 16:20	J1T	TAL PIT
Instrument ID: CHICS2000										
Total/NA	Analysis	EPA 300.0 R2.1		1			371469	09/16/21 07:52	J1T	TAL PIT
Instrument ID: CHICS2100B										
Dissolved	Prep	3005A			50 mL	50 mL	372115	09/20/21 11:31	KEM	TAL PIT
Dissolved	Analysis	EPA 6020B		1			372337	09/21/21 09:32	RSK	TAL PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			50 mL	50 mL	372115	09/20/21 11:31	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			372337	09/21/21 09:21	RSK	TAL PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			50 mL	50 mL	372115	09/20/21 11:31	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			372337	09/21/21 11:36	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	371676	09/16/21 09:29	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			371950	09/17/21 14:17	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Prep	9030B			50 mL	50 mL	371374	09/14/21 13:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034		1			371509	09/14/21 15:46	CMT	TAL PIT
Instrument ID: Q										
Total/NA	Analysis	EPA 9060A		1			372973	09/25/21 06:54	KMM	TAL PIT
Instrument ID: TOC1030										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	371225	09/13/21 15:31	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			371827	09/16/21 15:36	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWA-20

Lab Sample ID: 180-126808-2

Date Collected: 09/08/21 13:52

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1			372272	09/08/21 13:52	FDS	TAL PIT

Client Sample ID: ARGWC-21

Lab Sample ID: 180-126808-3

Date Collected: 09/08/21 16:30

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370760	09/09/21 22:46	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		5			371469	09/16/21 08:41	J1T	TAL PIT
Dissolved	Prep	3005A			50 mL	50 mL	372115	09/20/21 11:31	KEM	TAL PIT
Dissolved	Analysis	EPA 6020B Instrument ID: A		1			372337	09/21/21 09:43	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	372115	09/20/21 11:31	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			372337	09/21/21 09:25	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	372115	09/20/21 11:31	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			372337	09/21/21 11:40	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	371900	09/17/21 11:47	KEM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			372127	09/20/21 10:51	RJR	TAL PIT
Total/NA	Prep	9030B			50 mL	50 mL	371374	09/14/21 13:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034 Instrument ID: Q		1			371509	09/14/21 15:48	CMT	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	371225	09/13/21 15:31	KMM	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			372373	09/21/21 13:35	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			372272	09/08/21 16:30	FDS	TAL PIT

Client Sample ID: ARGWC-23

Lab Sample ID: 180-126893-1

Date Collected: 09/09/21 11:36

Matrix: Water

Date Received: 09/10/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2000		1			370970	09/10/21 21:23	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			370999	09/11/21 00:20	J1T	TAL PIT
Dissolved	Prep	3005A			50 mL	50 mL	372262	09/21/21 12:21	AMD	TAL PIT
Dissolved	Analysis	EPA 6020B Instrument ID: A		1			372523	09/22/21 11:50	RSK	TAL PIT

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWC-23

Lab Sample ID: 180-126893-1

Date Collected: 09/09/21 11:36

Matrix: Water

Date Received: 09/10/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	372262	09/21/21 12:21	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			372523	09/22/21 11:46	RSK	TAL PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			50 mL	50 mL	372262	09/21/21 12:21	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			372671	09/23/21 10:04	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	372111	09/20/21 11:17	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			372463	09/22/21 12:05	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Prep	9030B			50 mL	50 mL	371751	09/16/21 14:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034		1			371862	09/16/21 18:08	CMR	TAL PIT
Instrument ID: Q										
Total/NA	Analysis	EPA 9060A		1			373324	09/29/21 04:49	KMM	TAL PIT
Instrument ID: TOC1030										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	371390	09/14/21 14:31	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			372373	09/21/21 19:52	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			372309	09/09/21 11:36	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ARAMW-8

Lab Sample ID: 180-126893-2

Date Collected: 09/09/21 14:16

Matrix: Water

Date Received: 09/10/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370970	09/10/21 21:37	J1T	TAL PIT
Instrument ID: CHICS2000										
Total/NA	Analysis	EPA 300.0 R2.1		1			370999	09/11/21 01:09	J1T	TAL PIT
Instrument ID: CHICS2100B										
Dissolved	Prep	3005A			50 mL	50 mL	372262	09/21/21 12:21	AMD	TAL PIT
Dissolved	Analysis	EPA 6020B		1			372523	09/22/21 11:57	RSK	TAL PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			50 mL	50 mL	372262	09/21/21 12:21	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			372523	09/22/21 11:54	RSK	TAL PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			50 mL	50 mL	372262	09/21/21 12:21	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			372671	09/23/21 10:08	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	372111	09/20/21 11:17	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			372463	09/22/21 12:06	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Prep	9030B			50 mL	50 mL	371751	09/16/21 14:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034		1			371862	09/16/21 18:14	CMR	TAL PIT
Instrument ID: Q										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-8

Lab Sample ID: 180-126893-2

Date Collected: 09/09/21 14:16

Matrix: Water

Date Received: 09/10/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 9060A		1			373324	09/29/21 05:19	KMM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	371390	09/14/21 14:31	KMM	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			372373	09/21/21 16:58	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			372309	09/09/21 14:16	FDS	TAL PIT

Client Sample ID: FB-1

Lab Sample ID: 180-126893-3

Date Collected: 09/09/21 09:10

Matrix: Water

Date Received: 09/10/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2000		1			370970	09/10/21 21:52	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			370999	09/11/21 04:09	J1T	TAL PIT
Dissolved	Prep	3005A			50 mL	50 mL	372262	09/21/21 12:21	AMD	TAL PIT
Dissolved	Analysis	EPA 6020B Instrument ID: A		1			372523	09/22/21 12:04	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	372262	09/21/21 12:21	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			372523	09/22/21 12:01	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	372262	09/21/21 12:21	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			372671	09/23/21 10:11	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	372111	09/20/21 11:17	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			372463	09/22/21 12:07	RJR	TAL PIT
Total/NA	Prep	9030B			50 mL	50 mL	371751	09/16/21 14:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034 Instrument ID: Q		1			371862	09/16/21 18:16	CMR	TAL PIT
Total/NA	Analysis	EPA 9060A Instrument ID: TOC1030		1			373324	09/29/21 06:43	KMM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	371390	09/14/21 14:31	KMM	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			372373	09/21/21 17:06	CMT	TAL PIT

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-1

Lab Sample ID: 180-126896-1

Date Collected: 09/09/21 15:10

Matrix: Water

Date Received: 09/10/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2000		1			370970	09/11/21 01:14	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			370999	09/11/21 07:08	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		5			370999	09/11/21 07:25	J1T	TAL PIT
Dissolved	Prep	3005A			50 mL	50 mL	372399	09/22/21 09:58	AMD	TAL PIT
Dissolved	Analysis	EPA 6020B Instrument ID: A		1			372671	09/23/21 13:17	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	372399	09/22/21 09:58	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			372671	09/23/21 13:14	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	372112	09/20/21 11:19	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			372463	09/22/21 12:28	RJR	TAL PIT
Total/NA	Prep	9030B			50 mL	50 mL	371751	09/16/21 14:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034 Instrument ID: Q		1			371862	09/16/21 18:23	CMR	TAL PIT
Total/NA	Analysis	EPA 9060A Instrument ID: TOC1030		1			373531	09/29/21 20:48	KMM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	371390	09/14/21 14:31	KMM	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			372373	09/21/21 17:17	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			372309	09/09/21 15:10	FDS	TAL PIT

Client Sample ID: ARAMW-2

Lab Sample ID: 180-126951-1

Date Collected: 09/10/21 11:55

Matrix: Water

Date Received: 09/11/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			371082	09/11/21 21:55	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		5			371082	09/11/21 22:11	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2000		1			371081	09/11/21 16:44	J1T	TAL PIT
Dissolved	Prep	3005A			50 mL	50 mL	372393	09/22/21 09:49	AMD	TAL PIT
Dissolved	Analysis	EPA 6020B Instrument ID: NEMO		1			372674	09/23/21 17:28	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	372393	09/22/21 09:49	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			372674	09/23/21 17:25	RSK	TAL PIT

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-2

Lab Sample ID: 180-126951-1

Date Collected: 09/10/21 11:55

Matrix: Water

Date Received: 09/11/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	372445	09/22/21 12:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			372611	09/23/21 12:11	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Prep	9030B			50 mL	50 mL	371753	09/16/21 14:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034		1			371897	09/16/21 19:13	CMR	TAL PIT
Instrument ID: Q										
Total/NA	Analysis	EPA 9060A		1			372973	09/25/21 07:32	KMM	TAL PIT
Instrument ID: TOC1030										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	371543	09/15/21 12:58	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			372373	09/21/21 20:06	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			372461	09/10/21 11:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: DUP-1

Lab Sample ID: 180-126951-2

Date Collected: 09/10/21 00:00

Matrix: Water

Date Received: 09/11/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			371082	09/11/21 20:50	J1T	TAL PIT
Instrument ID: CHIC2100A										
Total/NA	Analysis	EPA 300.0 R2.1		5			371082	09/11/21 21:06	J1T	TAL PIT
Instrument ID: CHIC2100A										
Total/NA	Analysis	EPA 300.0 R2.1		1			371081	09/11/21 14:47	J1T	TAL PIT
Instrument ID: CHICS2000										
Dissolved	Prep	3005A			50 mL	50 mL	372562	09/23/21 09:47	AMD	TAL PIT
Dissolved	Analysis	EPA 6020B		1			372872	09/24/21 13:36	RSK	TAL PIT
Instrument ID: NEMO										
Total Recoverable	Prep	3005A			50 mL	50 mL	372393	09/22/21 09:49	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			372674	09/23/21 17:30	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	372445	09/22/21 12:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			372611	09/23/21 12:12	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Prep	9030B			50 mL	50 mL	371753	09/16/21 14:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034		1			371897	09/16/21 19:16	CMR	TAL PIT
Instrument ID: Q										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	371547	09/15/21 13:14	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			372373	09/21/21 20:13	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			372461	09/10/21 00:00	FDS	TAL PIT
Instrument ID: NOEQUIP										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWC-22

Lab Sample ID: 180-126955-1

Date Collected: 09/10/21 09:52

Matrix: Water

Date Received: 09/11/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			371082	09/12/21 02:17	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		5			371082	09/12/21 02:33	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2000		1			371081	09/11/21 16:59	J1T	TAL PIT
Dissolved	Prep	3005A			50 mL	50 mL	372562	09/23/21 09:47	AMD	TAL PIT
Dissolved	Analysis	EPA 6020B Instrument ID: NEMO		1			372872	09/24/21 14:10	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	372562	09/23/21 09:47	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			372872	09/24/21 14:01	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	372445	09/22/21 12:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			372611	09/23/21 12:16	RJR	TAL PIT
Total/NA	Prep	9030B			50 mL	50 mL	371753	09/16/21 14:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034 Instrument ID: Q		1			371897	09/16/21 19:29	CMR	TAL PIT
Total/NA	Analysis	EPA 9060A Instrument ID: TOC1030		1			372973	09/25/21 08:10	KMM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	371547	09/15/21 13:14	KMM	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			372373	09/21/21 21:18	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			372461	09/10/21 09:52	FDS	TAL PIT

Client Sample ID: ARAMW-7

Lab Sample ID: 180-126955-2

Date Collected: 09/10/21 11:42

Matrix: Water

Date Received: 09/11/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			371082	09/12/21 02:49	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2000		1			371081	09/11/21 17:13	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		20			371284	09/14/21 12:03	J1T	TAL PIT
Dissolved	Prep	3005A			50 mL	50 mL	372562	09/23/21 09:47	AMD	TAL PIT
Dissolved	Analysis	EPA 6020B Instrument ID: NEMO		1			372872	09/24/21 14:27	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	372562	09/23/21 09:47	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			372872	09/24/21 14:18	RSK	TAL PIT

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-7

Lab Sample ID: 180-126955-2

Date Collected: 09/10/21 11:42

Matrix: Water

Date Received: 09/11/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	372445	09/22/21 12:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			372611	09/23/21 12:17	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Prep	9030B			50 mL	50 mL	371753	09/16/21 14:30	CMT	TAL PIT
Total/NA	Analysis	EPA 9034		1			371897	09/16/21 19:31	CMR	TAL PIT
Instrument ID: Q										
Total/NA	Analysis	EPA 9060A		1			372973	09/25/21 09:59	KMM	TAL PIT
Instrument ID: TOC1030										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	371547	09/15/21 13:14	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			372373	09/21/21 21:25	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			372461	09/10/21 11:42	FDS	TAL PIT
Instrument ID: NOEQUIP										

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

- AMD = Alysha Donlan
- CMT = Cassandra Tlumac
- KEM = Kimberly Mahoney
- MM1 = Mary Beth Miller
- RJR = Ron Rosenbaum
- TLP = Tara Peterson

Batch Type: Analysis

- CMR = Carl Reagle
- CMT = Cassandra Tlumac
- FDS = Sampler Field
- J1T = Jianwu Tang
- KMM = Kendric Moore
- RJR = Ron Rosenbaum
- RSK = Robert Kurtz

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWA-19

Lab Sample ID: 180-126791-1

Date Collected: 09/07/21 16:08

Matrix: Water

Date Received: 09/08/21 10:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.4		1.0	0.71	mg/L			09/09/21 14:49	1
Fluoride	0.10		0.10	0.026	mg/L			09/09/21 14:49	1
Nitrate as N	1.6		0.10	0.023	mg/L			09/09/21 14:49	1
Nitrite as N	0.22		0.050	0.029	mg/L			09/09/21 14:49	1
Sulfate	9.9		1.0	0.76	mg/L			09/09/21 14:49	1
Bromide	<0.053		0.10	0.053	mg/L			09/09/21 14:49	1
Orthophosphate as P	<0.21	H	0.50	0.21	mg/L			09/10/21 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/17/21 12:38	09/18/21 10:22	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/17/21 12:38	09/18/21 10:22	1
Barium	0.030		0.010	0.0016	mg/L		09/17/21 12:38	09/18/21 10:22	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/17/21 12:38	09/18/21 10:22	1
Boron	<0.039		0.080	0.039	mg/L		09/17/21 12:38	09/18/21 10:22	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/17/21 12:38	09/18/21 10:22	1
Calcium	9.2		0.50	0.13	mg/L		09/17/21 12:38	09/18/21 10:22	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/17/21 12:38	09/18/21 10:22	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/17/21 12:38	09/18/21 10:22	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/17/21 12:38	09/18/21 10:22	1
Lithium	0.0034	J	0.0050	0.0034	mg/L		09/17/21 12:38	09/18/21 10:22	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/17/21 12:38	09/18/21 10:22	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/17/21 12:38	09/18/21 10:22	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/17/21 12:38	09/18/21 10:22	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/17/21 12:38	09/18/21 10:22	1
Iron	<0.020		0.050	0.020	mg/L		09/17/21 12:38	09/18/21 10:22	1
Potassium	2.0		0.50	0.16	mg/L		09/17/21 12:38	09/18/21 10:22	1
Magnesium	3.7		0.50	0.083	mg/L		09/17/21 12:38	09/18/21 10:22	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/17/21 12:38	09/18/21 10:22	1
Sodium	10		0.50	0.35	mg/L		09/17/21 12:38	09/18/21 10:22	1
SiO2, Silica	34		1.1	0.28	mg/L		09/17/21 12:38	09/18/21 10:22	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.020		0.050	0.020	mg/L		09/17/21 12:38	09/18/21 10:25	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/17/21 12:38	09/18/21 10:25	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/21 14:48	09/17/21 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	2.5	J	3.0	2.1	mg/L		09/14/21 13:30	09/14/21 15:31	1
Total Organic Carbon - Quad	<0.51		1.0	0.51	mg/L			09/23/21 04:52	1
Total Dissolved Solids	110		10	10	mg/L			09/12/21 18:05	1
Total Alkalinity as CaCO3 to pH 4.5	38		5.0	5.0	mg/L			09/15/21 17:52	1
Bicarbonate Alkalinity as CaCO3	38		5.0	5.0	mg/L			09/15/21 17:52	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/15/21 17:52	1

Eurofins TestAmerica, Pittsburgh

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWA-19

Lab Sample ID: 180-126791-1

Date Collected: 09/07/21 16:08

Matrix: Water

Date Received: 09/08/21 10:30

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.85				SU			09/07/21 16:08	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: EB-1

Lab Sample ID: 180-126808-1

Date Collected: 09/08/21 08:55

Matrix: Water

Date Received: 09/09/21 10:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/09/21 23:52	1
Fluoride	<0.026		0.10	0.026	mg/L			09/09/21 23:52	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/09/21 23:52	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/09/21 23:52	1
Sulfate	<0.76		1.0	0.76	mg/L			09/16/21 07:19	1
Bromide	<0.053		0.10	0.053	mg/L			09/09/21 23:52	1
Orthophosphate as P	<0.21	H	0.50	0.21	mg/L			09/10/21 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/20/21 11:31	09/21/21 09:18	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/20/21 11:31	09/21/21 09:18	1
Barium	<0.0016		0.010	0.0016	mg/L		09/20/21 11:31	09/21/21 09:18	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/20/21 11:31	09/21/21 09:18	1
Boron	0.053	J	0.080	0.039	mg/L		09/20/21 11:31	09/21/21 11:33	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/20/21 11:31	09/21/21 09:18	1
Calcium	<0.13		0.50	0.13	mg/L		09/20/21 11:31	09/21/21 09:18	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/20/21 11:31	09/21/21 09:18	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/20/21 11:31	09/21/21 09:18	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/20/21 11:31	09/21/21 09:18	1
Lithium	<0.0034		0.0050	0.0034	mg/L		09/20/21 11:31	09/21/21 09:18	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/20/21 11:31	09/21/21 09:18	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/20/21 11:31	09/21/21 09:18	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/20/21 11:31	09/21/21 09:18	1
Thallium	0.00016	J	0.0010	0.00015	mg/L		09/20/21 11:31	09/21/21 09:18	1
Iron	<0.020		0.050	0.020	mg/L		09/20/21 11:31	09/21/21 09:18	1
Potassium	<0.16		0.50	0.16	mg/L		09/20/21 11:31	09/21/21 09:18	1
Magnesium	<0.083		0.50	0.083	mg/L		09/20/21 11:31	09/21/21 09:18	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/20/21 11:31	09/21/21 09:18	1
Sodium	<0.35		0.50	0.35	mg/L		09/20/21 11:31	09/21/21 09:18	1
SiO ₂ , Silica	<0.28		1.1	0.28	mg/L		09/20/21 11:31	09/21/21 09:18	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.020		0.050	0.020	mg/L		09/20/21 11:31	09/21/21 09:29	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/20/21 11:31	09/21/21 09:29	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/21 09:29	09/17/21 14:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	3.2		3.0	2.1	mg/L		09/14/21 13:30	09/14/21 15:43	1
Total Organic Carbon - Quad	<0.51		1.0	0.51	mg/L			09/25/21 06:20	1
Total Dissolved Solids	<10		10	10	mg/L			09/13/21 15:31	1
Total Alkalinity as CaCO ₃ to pH 4.5	<5.0	+	5.0	5.0	mg/L			09/16/21 14:59	1
Bicarbonate Alkalinity as CaCO ₃	<5.0		5.0	5.0	mg/L			09/16/21 14:59	1
Carbonate Alkalinity as CaCO ₃	<5.0		5.0	5.0	mg/L			09/16/21 14:59	1

Eurofins TestAmerica, Pittsburgh

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWA-20

Lab Sample ID: 180-126808-2

Date Collected: 09/08/21 13:52

Matrix: Water

Date Received: 09/09/21 10:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.9		1.0	0.71	mg/L			09/09/21 20:52	1
Fluoride	0.067	J	0.10	0.026	mg/L			09/09/21 20:52	1
Nitrate as N	0.46		0.10	0.023	mg/L			09/09/21 20:52	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/09/21 20:52	1
Sulfate	16		1.0	0.76	mg/L			09/16/21 07:52	1
Bromide	<0.053		0.10	0.053	mg/L			09/09/21 20:52	1
Orthophosphate as P	<0.21	H F1	0.50	0.21	mg/L			09/10/21 16:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/20/21 11:31	09/21/21 09:21	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/20/21 11:31	09/21/21 09:21	1
Barium	0.085		0.010	0.0016	mg/L		09/20/21 11:31	09/21/21 09:21	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/20/21 11:31	09/21/21 09:21	1
Boron	0.064	J	0.080	0.039	mg/L		09/20/21 11:31	09/21/21 11:36	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/20/21 11:31	09/21/21 09:21	1
Calcium	11		0.50	0.13	mg/L		09/20/21 11:31	09/21/21 09:21	1
Chromium	0.0059		0.0020	0.0015	mg/L		09/20/21 11:31	09/21/21 09:21	1
Cobalt	0.00050	J	0.0025	0.00013	mg/L		09/20/21 11:31	09/21/21 09:21	1
Lead	0.00024	J	0.0010	0.00013	mg/L		09/20/21 11:31	09/21/21 09:21	1
Lithium	<0.0034		0.0050	0.0034	mg/L		09/20/21 11:31	09/21/21 09:21	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/20/21 11:31	09/21/21 09:21	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/20/21 11:31	09/21/21 09:21	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/20/21 11:31	09/21/21 09:21	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/20/21 11:31	09/21/21 09:21	1
Iron	1.2		0.050	0.020	mg/L		09/20/21 11:31	09/21/21 09:21	1
Potassium	1.6		0.50	0.16	mg/L		09/20/21 11:31	09/21/21 09:21	1
Magnesium	5.3		0.50	0.083	mg/L		09/20/21 11:31	09/21/21 09:21	1
Manganese	0.018		0.0050	0.00087	mg/L		09/20/21 11:31	09/21/21 09:21	1
Sodium	10		0.50	0.35	mg/L		09/20/21 11:31	09/21/21 09:21	1
SiO2, Silica	38		1.1	0.28	mg/L		09/20/21 11:31	09/21/21 09:21	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.049	J	0.050	0.020	mg/L		09/20/21 11:31	09/21/21 09:32	1
Manganese	0.0039	J	0.0050	0.00087	mg/L		09/20/21 11:31	09/21/21 09:32	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/21 09:29	09/17/21 14:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	2.7	J	3.0	2.1	mg/L		09/14/21 13:30	09/14/21 15:46	1
Total Organic Carbon - Quad	<0.51		1.0	0.51	mg/L			09/25/21 06:54	1
Total Dissolved Solids	120		10	10	mg/L			09/13/21 15:31	1
Total Alkalinity as CaCO3 to pH 4.5	42		5.0	5.0	mg/L			09/16/21 15:36	1
Bicarbonate Alkalinity as CaCO3	42		5.0	5.0	mg/L			09/16/21 15:36	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/16/21 15:36	1

Eurofins TestAmerica, Pittsburgh

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWA-20

Lab Sample ID: 180-126808-2

Date Collected: 09/08/21 13:52

Matrix: Water

Date Received: 09/09/21 10:00

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.59				SU			09/08/21 13:52	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWC-21

Lab Sample ID: 180-126808-3

Date Collected: 09/08/21 16:30

Matrix: Water

Date Received: 09/09/21 10:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.71	mg/L			09/09/21 22:46	1
Fluoride	0.16		0.10	0.026	mg/L			09/09/21 22:46	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/09/21 22:46	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/09/21 22:46	1
Sulfate	230		5.0	3.8	mg/L			09/16/21 08:41	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/20/21 11:31	09/21/21 09:25	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/20/21 11:31	09/21/21 09:25	1
Barium	0.045		0.010	0.0016	mg/L		09/20/21 11:31	09/21/21 09:25	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/20/21 11:31	09/21/21 09:25	1
Boron	0.79		0.080	0.039	mg/L		09/20/21 11:31	09/21/21 11:40	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/20/21 11:31	09/21/21 09:25	1
Calcium	81		0.50	0.13	mg/L		09/20/21 11:31	09/21/21 09:25	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/20/21 11:31	09/21/21 09:25	1
Cobalt	0.00070	J	0.0025	0.00013	mg/L		09/20/21 11:31	09/21/21 09:25	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/20/21 11:31	09/21/21 09:25	1
Lithium	0.012		0.0050	0.0034	mg/L		09/20/21 11:31	09/21/21 09:25	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/20/21 11:31	09/21/21 09:25	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/20/21 11:31	09/21/21 09:25	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/20/21 11:31	09/21/21 09:25	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/20/21 11:31	09/21/21 09:25	1
Potassium	5.8		0.50	0.16	mg/L		09/20/21 11:31	09/21/21 09:25	1
Magnesium	37		0.50	0.083	mg/L		09/20/21 11:31	09/21/21 09:25	1
Sodium	19		0.50	0.35	mg/L		09/20/21 11:31	09/21/21 09:25	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.60		0.050	0.020	mg/L		09/20/21 11:31	09/21/21 09:43	1
Manganese	0.34		0.0050	0.00087	mg/L		09/20/21 11:31	09/21/21 09:43	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/17/21 11:47	09/20/21 10:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	2.2	J	3.0	2.1	mg/L		09/14/21 13:30	09/14/21 15:48	1
Total Dissolved Solids	560		10	10	mg/L			09/13/21 15:31	1
Total Alkalinity as CaCO3 to pH 4.5	160		5.0	5.0	mg/L			09/21/21 13:35	1
Bicarbonate Alkalinity as CaCO3	160		5.0	5.0	mg/L			09/21/21 13:35	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 13:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.94				SU			09/08/21 16:30	1

Eurofins TestAmerica, Pittsburgh

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWC-23

Lab Sample ID: 180-126893-1

Date Collected: 09/09/21 11:36

Matrix: Water

Date Received: 09/10/21 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.7		1.0	0.71	mg/L			09/11/21 00:20	1
Fluoride	0.48		0.10	0.026	mg/L			09/11/21 00:20	1
Nitrate as N	1.8		0.10	0.023	mg/L			09/11/21 00:20	1
Nitrite as N	0.35		0.050	0.029	mg/L			09/11/21 00:20	1
Sulfate	72	F1	1.0	0.76	mg/L			09/11/21 00:20	1
Bromide	<0.053		0.10	0.053	mg/L			09/11/21 00:20	1
Orthophosphate as P	<0.21		0.50	0.21	mg/L			09/10/21 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/21/21 12:21	09/22/21 11:46	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/21/21 12:21	09/22/21 11:46	1
Barium	0.12		0.010	0.0016	mg/L		09/21/21 12:21	09/22/21 11:46	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/21/21 12:21	09/22/21 11:46	1
Boron	0.41		0.080	0.039	mg/L		09/21/21 12:21	09/23/21 10:04	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/21/21 12:21	09/22/21 11:46	1
Calcium	70		0.50	0.13	mg/L		09/21/21 12:21	09/22/21 11:46	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/21/21 12:21	09/22/21 11:46	1
Cobalt	0.00090	J	0.0025	0.00013	mg/L		09/21/21 12:21	09/22/21 11:46	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/21/21 12:21	09/22/21 11:46	1
Lithium	0.045		0.0050	0.0034	mg/L		09/21/21 12:21	09/22/21 11:46	1
Molybdenum	0.071		0.015	0.00061	mg/L		09/21/21 12:21	09/22/21 11:46	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/21/21 12:21	09/22/21 11:46	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/21/21 12:21	09/22/21 11:46	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/21/21 12:21	09/22/21 11:46	1
Iron	<0.020		0.050	0.020	mg/L		09/21/21 12:21	09/22/21 11:46	1
Potassium	2.0		0.50	0.16	mg/L		09/21/21 12:21	09/22/21 11:46	1
Magnesium	13		0.50	0.083	mg/L		09/21/21 12:21	09/22/21 11:46	1
Manganese	0.53		0.0050	0.00087	mg/L		09/21/21 12:21	09/22/21 11:46	1
Sodium	15		0.50	0.35	mg/L		09/21/21 12:21	09/22/21 11:46	1
SiO2, Silica	33		1.1	0.28	mg/L		09/21/21 12:21	09/22/21 11:46	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.020		0.050	0.020	mg/L		09/21/21 12:21	09/22/21 11:50	1
Manganese	0.50		0.0050	0.00087	mg/L		09/21/21 12:21	09/22/21 11:50	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/20/21 11:17	09/22/21 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<2.1		3.0	2.1	mg/L		09/16/21 14:30	09/16/21 18:08	1
Total Organic Carbon - Quad	0.84	J	1.0	0.51	mg/L			09/29/21 04:49	1
Total Dissolved Solids	320		10	10	mg/L			09/14/21 14:31	1
Total Alkalinity as CaCO3 to pH 4.5	190		5.0	5.0	mg/L			09/21/21 19:52	1
Bicarbonate Alkalinity as CaCO3	190		5.0	5.0	mg/L			09/21/21 19:52	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 19:52	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWC-23

Lab Sample ID: 180-126893-1

Date Collected: 09/09/21 11:36

Matrix: Water

Date Received: 09/10/21 09:00

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.35				SU			09/09/21 11:36	1

- 1
- 2
- 3
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- 11
- 12
- 13
- 14

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-8

Lab Sample ID: 180-126893-2

Date Collected: 09/09/21 14:16

Matrix: Water

Date Received: 09/10/21 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.4		1.0	0.71	mg/L			09/11/21 01:09	1
Fluoride	0.19		0.10	0.026	mg/L			09/11/21 01:09	1
Nitrate as N	0.078	J	0.10	0.023	mg/L			09/11/21 01:09	1
Nitrite as N	0.30		0.050	0.029	mg/L			09/11/21 01:09	1
Sulfate	100		1.0	0.76	mg/L			09/11/21 01:09	1
Bromide	<0.053		0.10	0.053	mg/L			09/11/21 01:09	1
Orthophosphate as P	<0.21		0.50	0.21	mg/L			09/10/21 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/21/21 12:21	09/22/21 11:54	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/21/21 12:21	09/22/21 11:54	1
Barium	0.094		0.010	0.0016	mg/L		09/21/21 12:21	09/22/21 11:54	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/21/21 12:21	09/22/21 11:54	1
Boron	0.53		0.080	0.039	mg/L		09/21/21 12:21	09/23/21 10:08	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/21/21 12:21	09/22/21 11:54	1
Calcium	71		0.50	0.13	mg/L		09/21/21 12:21	09/22/21 11:54	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/21/21 12:21	09/22/21 11:54	1
Cobalt	0.0046		0.0025	0.00013	mg/L		09/21/21 12:21	09/22/21 11:54	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/21/21 12:21	09/22/21 11:54	1
Lithium	0.0062		0.0050	0.0034	mg/L		09/21/21 12:21	09/22/21 11:54	1
Molybdenum	0.12		0.015	0.00061	mg/L		09/21/21 12:21	09/22/21 11:54	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/21/21 12:21	09/22/21 11:54	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/21/21 12:21	09/22/21 11:54	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/21/21 12:21	09/22/21 11:54	1
Iron	6.0		0.050	0.020	mg/L		09/21/21 12:21	09/22/21 11:54	1
Potassium	6.7		0.50	0.16	mg/L		09/21/21 12:21	09/22/21 11:54	1
Magnesium	28		0.50	0.083	mg/L		09/21/21 12:21	09/22/21 11:54	1
Manganese	0.82		0.0050	0.00087	mg/L		09/21/21 12:21	09/22/21 11:54	1
Sodium	19		0.50	0.35	mg/L		09/21/21 12:21	09/22/21 11:54	1
SiO2, Silica	30		1.1	0.28	mg/L		09/21/21 12:21	09/22/21 11:54	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	5.8		0.050	0.020	mg/L		09/21/21 12:21	09/22/21 11:57	1
Manganese	0.79		0.0050	0.00087	mg/L		09/21/21 12:21	09/22/21 11:57	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/20/21 11:17	09/22/21 12:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<2.1		3.0	2.1	mg/L		09/16/21 14:30	09/16/21 18:14	1
Total Organic Carbon - Quad	0.69	J	1.0	0.51	mg/L			09/29/21 05:19	1
Total Dissolved Solids	260		10	10	mg/L			09/14/21 14:31	1
Total Alkalinity as CaCO3 to pH 4.5	210		5.0	5.0	mg/L			09/21/21 16:58	1
Bicarbonate Alkalinity as CaCO3	210		5.0	5.0	mg/L			09/21/21 16:58	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 16:58	1

Eurofins TestAmerica, Pittsburgh

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-8

Lab Sample ID: 180-126893-2

Date Collected: 09/09/21 14:16

Matrix: Water

Date Received: 09/10/21 09:00

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.56				SU			09/09/21 14:16	1

- 1
- 2
- 3
- 4
- 5
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- 7
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- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: FB-1

Lab Sample ID: 180-126893-3

Date Collected: 09/09/21 09:10

Matrix: Water

Date Received: 09/10/21 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/11/21 04:09	1
Fluoride	<0.026		0.10	0.026	mg/L			09/11/21 04:09	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/11/21 04:09	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/11/21 04:09	1
Sulfate	<0.76		1.0	0.76	mg/L			09/11/21 04:09	1
Bromide	<0.053		0.10	0.053	mg/L			09/11/21 04:09	1
Orthophosphate as P	<0.21		0.50	0.21	mg/L			09/10/21 21:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/21/21 12:21	09/22/21 12:01	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/21/21 12:21	09/22/21 12:01	1
Barium	<0.0016		0.010	0.0016	mg/L		09/21/21 12:21	09/22/21 12:01	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/21/21 12:21	09/22/21 12:01	1
Boron	<0.039		0.080	0.039	mg/L		09/21/21 12:21	09/23/21 10:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/21/21 12:21	09/22/21 12:01	1
Calcium	<0.13		0.50	0.13	mg/L		09/21/21 12:21	09/22/21 12:01	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/21/21 12:21	09/22/21 12:01	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/21/21 12:21	09/22/21 12:01	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/21/21 12:21	09/22/21 12:01	1
Lithium	<0.0034		0.0050	0.0034	mg/L		09/21/21 12:21	09/22/21 12:01	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/21/21 12:21	09/22/21 12:01	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/21/21 12:21	09/22/21 12:01	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/21/21 12:21	09/22/21 12:01	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/21/21 12:21	09/22/21 12:01	1
Iron	<0.020		0.050	0.020	mg/L		09/21/21 12:21	09/22/21 12:01	1
Potassium	<0.16		0.50	0.16	mg/L		09/21/21 12:21	09/22/21 12:01	1
Magnesium	<0.083		0.50	0.083	mg/L		09/21/21 12:21	09/22/21 12:01	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/21/21 12:21	09/22/21 12:01	1
Sodium	<0.35		0.50	0.35	mg/L		09/21/21 12:21	09/22/21 12:01	1
SiO ₂ , Silica	<0.28		1.1	0.28	mg/L		09/21/21 12:21	09/22/21 12:01	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.020		0.050	0.020	mg/L		09/21/21 12:21	09/22/21 12:04	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/21/21 12:21	09/22/21 12:04	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/20/21 11:17	09/22/21 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<2.1		3.0	2.1	mg/L		09/16/21 14:30	09/16/21 18:16	1
Total Organic Carbon - Quad	<0.51		1.0	0.51	mg/L			09/29/21 06:43	1
Total Dissolved Solids	<10		10	10	mg/L			09/14/21 14:31	1
Total Alkalinity as CaCO ₃ to pH 4.5	<5.0		5.0	5.0	mg/L			09/21/21 17:06	1
Bicarbonate Alkalinity as CaCO ₃	<5.0		5.0	5.0	mg/L			09/21/21 17:06	1
Carbonate Alkalinity as CaCO ₃	<5.0		5.0	5.0	mg/L			09/21/21 17:06	1

Eurofins TestAmerica, Pittsburgh

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-1

Lab Sample ID: 180-126896-1

Date Collected: 09/09/21 15:10

Matrix: Water

Date Received: 09/10/21 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.5		1.0	0.71	mg/L			09/11/21 07:08	1
Fluoride	0.21		0.10	0.026	mg/L			09/11/21 07:08	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/11/21 07:08	1
Nitrite as N	0.31		0.050	0.029	mg/L			09/11/21 07:08	1
Sulfate	210		5.0	3.8	mg/L			09/11/21 07:25	5
Bromide	<0.053		0.10	0.053	mg/L			09/11/21 07:08	1
Orthophosphate as P	<0.21		0.50	0.21	mg/L			09/11/21 01:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/22/21 09:58	09/23/21 13:14	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/22/21 09:58	09/23/21 13:14	1
Barium	0.051		0.010	0.0016	mg/L		09/22/21 09:58	09/23/21 13:14	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/22/21 09:58	09/23/21 13:14	1
Boron	1.0		0.080	0.039	mg/L		09/22/21 09:58	09/23/21 13:14	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/22/21 09:58	09/23/21 13:14	1
Calcium	93		0.50	0.13	mg/L		09/22/21 09:58	09/23/21 13:14	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/22/21 09:58	09/23/21 13:14	1
Cobalt	0.00072	J	0.0025	0.00013	mg/L		09/22/21 09:58	09/23/21 13:14	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/22/21 09:58	09/23/21 13:14	1
Lithium	0.0095		0.0050	0.0034	mg/L		09/22/21 09:58	09/23/21 13:14	1
Molybdenum	0.0059	J	0.015	0.00061	mg/L		09/22/21 09:58	09/23/21 13:14	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/22/21 09:58	09/23/21 13:14	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/22/21 09:58	09/23/21 13:14	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/22/21 09:58	09/23/21 13:14	1
Iron	0.21		0.050	0.020	mg/L		09/22/21 09:58	09/23/21 13:14	1
Potassium	5.4		0.50	0.16	mg/L		09/22/21 09:58	09/23/21 13:14	1
Magnesium	37		0.50	0.083	mg/L		09/22/21 09:58	09/23/21 13:14	1
Manganese	0.23		0.0050	0.00087	mg/L		09/22/21 09:58	09/23/21 13:14	1
Sodium	21		0.50	0.35	mg/L		09/22/21 09:58	09/23/21 13:14	1
SiO2, Silica	33		1.1	0.28	mg/L		09/22/21 09:58	09/23/21 13:14	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.22		0.050	0.020	mg/L		09/22/21 09:58	09/23/21 13:17	1
Manganese	0.24		0.0050	0.00087	mg/L		09/22/21 09:58	09/23/21 13:17	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/20/21 11:19	09/22/21 12:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<2.1		3.0	2.1	mg/L		09/16/21 14:30	09/16/21 18:23	1
Total Organic Carbon - Quad	0.68	J	1.0	0.51	mg/L			09/29/21 20:48	1
Total Dissolved Solids	560		10	10	mg/L			09/14/21 14:31	1
Total Alkalinity as CaCO3 to pH 4.5	190		5.0	5.0	mg/L			09/21/21 17:17	1
Bicarbonate Alkalinity as CaCO3	190		5.0	5.0	mg/L			09/21/21 17:17	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 17:17	1

Eurofins TestAmerica, Pittsburgh

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-1

Lab Sample ID: 180-126896-1

Date Collected: 09/09/21 15:10

Matrix: Water

Date Received: 09/10/21 09:00

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.10				SU			09/09/21 15:10	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-2

Lab Sample ID: 180-126951-1

Date Collected: 09/10/21 11:55

Matrix: Water

Date Received: 09/11/21 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.2		1.0	0.71	mg/L			09/11/21 21:55	1
Fluoride	0.13		0.10	0.026	mg/L			09/11/21 21:55	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/11/21 21:55	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/11/21 21:55	1
Sulfate	440		5.0	3.8	mg/L			09/11/21 22:11	5
Bromide	<0.053		0.10	0.053	mg/L			09/11/21 21:55	1
Orthophosphate as P	<0.21		0.50	0.21	mg/L			09/11/21 16:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/22/21 09:49	09/23/21 17:25	1
Arsenic	0.044		0.0010	0.00031	mg/L		09/22/21 09:49	09/23/21 17:25	1
Barium	0.13		0.010	0.0016	mg/L		09/22/21 09:49	09/23/21 17:25	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/22/21 09:49	09/23/21 17:25	1
Boron	0.85		0.080	0.039	mg/L		09/22/21 09:49	09/23/21 17:25	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/22/21 09:49	09/23/21 17:25	1
Calcium	130		0.50	0.13	mg/L		09/22/21 09:49	09/23/21 17:25	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/22/21 09:49	09/23/21 17:25	1
Cobalt	0.0022	J	0.0025	0.00013	mg/L		09/22/21 09:49	09/23/21 17:25	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/22/21 09:49	09/23/21 17:25	1
Lithium	0.025		0.0050	0.0034	mg/L		09/22/21 09:49	09/23/21 17:25	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/22/21 09:49	09/23/21 17:25	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/22/21 09:49	09/23/21 17:25	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/22/21 09:49	09/23/21 17:25	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/22/21 09:49	09/23/21 17:25	1
Iron	30		0.050	0.020	mg/L		09/22/21 09:49	09/23/21 17:25	1
Potassium	9.2		0.50	0.16	mg/L		09/22/21 09:49	09/23/21 17:25	1
Magnesium	47		0.50	0.083	mg/L		09/22/21 09:49	09/23/21 17:25	1
Manganese	1.8		0.0050	0.00087	mg/L		09/22/21 09:49	09/23/21 17:25	1
Sodium	20		0.50	0.35	mg/L		09/22/21 09:49	09/23/21 17:25	1
SiO2, Silica	42		1.1	0.28	mg/L		09/22/21 09:49	09/23/21 17:25	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	38		0.050	0.020	mg/L		09/22/21 09:49	09/23/21 17:28	1
Manganese	2.2		0.0050	0.00087	mg/L		09/22/21 09:49	09/23/21 17:28	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/22/21 12:33	09/23/21 12:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<2.1		3.0	2.1	mg/L		09/16/21 14:30	09/16/21 19:13	1
Total Organic Carbon - Quad	1.6		1.0	0.51	mg/L			09/25/21 07:32	1
Total Dissolved Solids	870		10	10	mg/L			09/15/21 12:58	1
Total Alkalinity as CaCO3 to pH 4.5	150		5.0	5.0	mg/L			09/21/21 20:06	1
Bicarbonate Alkalinity as CaCO3	150		5.0	5.0	mg/L			09/21/21 20:06	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 20:06	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-2

Lab Sample ID: 180-126951-1

Date Collected: 09/10/21 11:55

Matrix: Water

Date Received: 09/11/21 09:00

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.01				SU			09/10/21 11:55	1

- 1
- 2
- 3
- 4
- 5
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- 11
- 12
- 13
- 14

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: DUP-1

Lab Sample ID: 180-126951-2

Date Collected: 09/10/21 00:00

Matrix: Water

Date Received: 09/11/21 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.1		1.0	0.71	mg/L			09/11/21 20:50	1
Fluoride	0.16		0.10	0.026	mg/L			09/11/21 20:50	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/11/21 20:50	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/11/21 20:50	1
Sulfate	450		5.0	3.8	mg/L			09/11/21 21:06	5
Bromide	<0.053		0.10	0.053	mg/L			09/11/21 20:50	1
Orthophosphate as P	<0.21		0.50	0.21	mg/L			09/11/21 14:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/22/21 09:49	09/23/21 17:30	1
Arsenic	0.046		0.0010	0.00031	mg/L		09/22/21 09:49	09/23/21 17:30	1
Barium	0.13		0.010	0.0016	mg/L		09/22/21 09:49	09/23/21 17:30	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/22/21 09:49	09/23/21 17:30	1
Boron	0.95		0.080	0.039	mg/L		09/22/21 09:49	09/23/21 17:30	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/22/21 09:49	09/23/21 17:30	1
Calcium	130		0.50	0.13	mg/L		09/22/21 09:49	09/23/21 17:30	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/22/21 09:49	09/23/21 17:30	1
Cobalt	0.0023	J	0.0025	0.00013	mg/L		09/22/21 09:49	09/23/21 17:30	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/22/21 09:49	09/23/21 17:30	1
Lithium	0.029		0.0050	0.0034	mg/L		09/22/21 09:49	09/23/21 17:30	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/22/21 09:49	09/23/21 17:30	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/22/21 09:49	09/23/21 17:30	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/22/21 09:49	09/23/21 17:30	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/22/21 09:49	09/23/21 17:30	1
Iron	31		0.050	0.020	mg/L		09/22/21 09:49	09/23/21 17:30	1
Potassium	9.2		0.50	0.16	mg/L		09/22/21 09:49	09/23/21 17:30	1
Magnesium	48		0.50	0.083	mg/L		09/22/21 09:49	09/23/21 17:30	1
Manganese	1.8		0.0050	0.00087	mg/L		09/22/21 09:49	09/23/21 17:30	1
Sodium	21		0.50	0.35	mg/L		09/22/21 09:49	09/23/21 17:30	1
SiO2, Silica	42		1.1	0.28	mg/L		09/22/21 09:49	09/23/21 17:30	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	41		0.050	0.020	mg/L		09/23/21 09:47	09/24/21 13:36	1
Manganese	2.3		0.0050	0.00087	mg/L		09/23/21 09:47	09/24/21 13:36	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/22/21 12:33	09/23/21 12:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<2.1		3.0	2.1	mg/L		09/16/21 14:30	09/16/21 19:16	1
Total Dissolved Solids	860		10	10	mg/L			09/15/21 13:14	1
Total Alkalinity as CaCO3 to pH 4.5	150		5.0	5.0	mg/L			09/21/21 20:13	1
Bicarbonate Alkalinity as CaCO3	150		5.0	5.0	mg/L			09/21/21 20:13	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 20:13	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: DUP-1

Lab Sample ID: 180-126951-2

Date Collected: 09/10/21 00:00

Matrix: Water

Date Received: 09/11/21 09:00

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.01				SU			09/10/21 00:00	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWC-22

Lab Sample ID: 180-126955-1

Date Collected: 09/10/21 09:52

Matrix: Water

Date Received: 09/11/21 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.7		1.0	0.71	mg/L			09/12/21 02:17	1
Fluoride	0.035	J	0.10	0.026	mg/L			09/12/21 02:17	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/12/21 02:17	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/12/21 02:17	1
Sulfate	760		5.0	3.8	mg/L			09/12/21 02:33	5
Bromide	<0.053		0.10	0.053	mg/L			09/12/21 02:17	1
Orthophosphate as P	<0.21		0.50	0.21	mg/L			09/11/21 16:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/23/21 09:47	09/24/21 14:01	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/23/21 09:47	09/24/21 14:01	1
Barium	0.026		0.010	0.0016	mg/L		09/23/21 09:47	09/24/21 14:01	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/23/21 09:47	09/24/21 14:01	1
Boron	2.7		0.080	0.039	mg/L		09/23/21 09:47	09/24/21 14:01	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/23/21 09:47	09/24/21 14:01	1
Calcium	200		0.50	0.13	mg/L		09/23/21 09:47	09/24/21 14:01	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/23/21 09:47	09/24/21 14:01	1
Cobalt	0.0015	J	0.0025	0.00013	mg/L		09/23/21 09:47	09/24/21 14:01	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/23/21 09:47	09/24/21 14:01	1
Lithium	0.021		0.0050	0.0034	mg/L		09/23/21 09:47	09/24/21 14:01	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/23/21 09:47	09/24/21 14:01	1
Selenium	0.0020	J	0.0050	0.0015	mg/L		09/23/21 09:47	09/24/21 14:01	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/23/21 09:47	09/24/21 14:01	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/23/21 09:47	09/24/21 14:01	1
Iron	4.5		0.050	0.020	mg/L		09/23/21 09:47	09/24/21 14:01	1
Potassium	4.4		0.50	0.16	mg/L		09/23/21 09:47	09/24/21 14:01	1
Magnesium	83		0.50	0.083	mg/L		09/23/21 09:47	09/24/21 14:01	1
Manganese	12		0.0050	0.00087	mg/L		09/23/21 09:47	09/24/21 14:01	1
Sodium	26		0.50	0.35	mg/L		09/23/21 09:47	09/24/21 14:01	1
SiO2, Silica	57		1.1	0.28	mg/L		09/23/21 09:47	09/24/21 14:01	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	4.5		0.050	0.020	mg/L		09/23/21 09:47	09/24/21 14:10	1
Manganese	12		0.0050	0.00087	mg/L		09/23/21 09:47	09/24/21 14:10	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/22/21 12:33	09/23/21 12:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<2.1		3.0	2.1	mg/L		09/16/21 14:30	09/16/21 19:29	1
Total Organic Carbon - Quad	1.1		1.0	0.51	mg/L			09/25/21 08:10	1
Total Dissolved Solids	1300		10	10	mg/L			09/15/21 13:14	1
Total Alkalinity as CaCO3 to pH 4.5	110		5.0	5.0	mg/L			09/21/21 21:18	1
Bicarbonate Alkalinity as CaCO3	110		5.0	5.0	mg/L			09/21/21 21:18	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 21:18	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARGWC-22

Lab Sample ID: 180-126955-1

Date Collected: 09/10/21 09:52

Matrix: Water

Date Received: 09/11/21 09:00

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.62				SU			09/10/21 09:52	1

- 1
- 2
- 3
- 4
- 5
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- 7
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- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-7

Lab Sample ID: 180-126955-2

Date Collected: 09/10/21 11:42

Matrix: Water

Date Received: 09/11/21 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.5		1.0	0.71	mg/L			09/12/21 02:49	1
Fluoride	0.032	J	0.10	0.026	mg/L			09/12/21 02:49	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/12/21 02:49	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/12/21 02:49	1
Sulfate	1100		20	15	mg/L			09/14/21 12:03	20
Bromide	<0.053		0.10	0.053	mg/L			09/12/21 02:49	1
Orthophosphate as P	<0.21		0.50	0.21	mg/L			09/11/21 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/23/21 09:47	09/24/21 14:18	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/23/21 09:47	09/24/21 14:18	1
Barium	0.029		0.010	0.0016	mg/L		09/23/21 09:47	09/24/21 14:18	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/23/21 09:47	09/24/21 14:18	1
Boron	2.6		0.080	0.039	mg/L		09/23/21 09:47	09/24/21 14:18	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/23/21 09:47	09/24/21 14:18	1
Calcium	290		0.50	0.13	mg/L		09/23/21 09:47	09/24/21 14:18	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/23/21 09:47	09/24/21 14:18	1
Cobalt	0.075		0.0025	0.00013	mg/L		09/23/21 09:47	09/24/21 14:18	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/23/21 09:47	09/24/21 14:18	1
Lithium	0.060		0.0050	0.0034	mg/L		09/23/21 09:47	09/24/21 14:18	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/23/21 09:47	09/24/21 14:18	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/23/21 09:47	09/24/21 14:18	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/23/21 09:47	09/24/21 14:18	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/23/21 09:47	09/24/21 14:18	1
Iron	5.5		0.050	0.020	mg/L		09/23/21 09:47	09/24/21 14:18	1
Potassium	9.1		0.50	0.16	mg/L		09/23/21 09:47	09/24/21 14:18	1
Magnesium	79		0.50	0.083	mg/L		09/23/21 09:47	09/24/21 14:18	1
Manganese	14		0.0050	0.00087	mg/L		09/23/21 09:47	09/24/21 14:18	1
Sodium	30		0.50	0.35	mg/L		09/23/21 09:47	09/24/21 14:18	1
SiO2, Silica	68		1.1	0.28	mg/L		09/23/21 09:47	09/24/21 14:18	1

Method: EPA 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	5.6		0.050	0.020	mg/L		09/23/21 09:47	09/24/21 14:27	1
Manganese	14		0.0050	0.00087	mg/L		09/23/21 09:47	09/24/21 14:27	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/22/21 12:33	09/23/21 12:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<2.1		3.0	2.1	mg/L		09/16/21 14:30	09/16/21 19:31	1
Total Organic Carbon - Quad	0.71	J	1.0	0.51	mg/L			09/25/21 09:59	1
Total Dissolved Solids	1700		10	10	mg/L			09/15/21 13:14	1
Total Alkalinity as CaCO3 to pH 4.5	64		5.0	5.0	mg/L			09/21/21 21:25	1
Bicarbonate Alkalinity as CaCO3	64		5.0	5.0	mg/L			09/21/21 21:25	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 21:25	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Client Sample ID: ARAMW-7

Lab Sample ID: 180-126955-2

Date Collected: 09/10/21 11:42

Matrix: Water

Date Received: 09/11/21 09:00

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.70				SU			09/10/21 11:42	1

- 1
- 2
- 3
- 4
- 5
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- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-370760/20
Matrix: Water
Analysis Batch: 370760

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/09/21 13:31	1
Fluoride	<0.026		0.10	0.026	mg/L			09/09/21 13:31	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/09/21 13:31	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/09/21 13:31	1
Sulfate	<0.76		1.0	0.76	mg/L			09/09/21 13:31	1
Bromide	<0.053		0.10	0.053	mg/L			09/09/21 13:31	1

Lab Sample ID: LCS 180-370760/19
Matrix: Water
Analysis Batch: 370760

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	50.1		mg/L		100	90 - 110
Fluoride	2.50	2.59		mg/L		103	90 - 110
Nitrate as N	2.50	2.60		mg/L		104	90 - 110
Nitrite as N	2.50	2.64		mg/L		105	90 - 110
Sulfate	50.0	49.6		mg/L		99	90 - 110
Bromide	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: MB 180-370761/19
Matrix: Water
Analysis Batch: 370761

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/09/21 14:17	1
Fluoride	<0.026		0.10	0.026	mg/L			09/09/21 14:17	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/09/21 14:17	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/09/21 14:17	1
Sulfate	<0.76		1.0	0.76	mg/L			09/09/21 14:17	1
Bromide	<0.053		0.10	0.053	mg/L			09/09/21 14:17	1

Lab Sample ID: LCS 180-370761/18
Matrix: Water
Analysis Batch: 370761

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.8		mg/L		106	90 - 110
Fluoride	2.50	2.60		mg/L		104	90 - 110
Nitrate as N	2.50	2.64		mg/L		106	90 - 110
Nitrite as N	2.50	2.75		mg/L		110	90 - 110
Sulfate	50.0	52.2		mg/L		104	90 - 110
Bromide	10.0	10.5		mg/L		105	90 - 110

Lab Sample ID: MB 180-370970/38
Matrix: Water
Analysis Batch: 370970

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	<0.21		0.50	0.21	mg/L			09/10/21 23:18	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 180-370970/6
Matrix: Water
Analysis Batch: 370970

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	<0.21		0.50	0.21	mg/L			09/10/21 14:47	1

Lab Sample ID: LCS 180-370970/37
Matrix: Water
Analysis Batch: 370970

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Orthophosphate as P	2.50	2.39		mg/L		96	90 - 110

Lab Sample ID: LCS 180-370970/5
Matrix: Water
Analysis Batch: 370970

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Orthophosphate as P	2.50	2.27		mg/L		91	90 - 110

Lab Sample ID: 180-126808-2 MS
Matrix: Water
Analysis Batch: 370970

Client Sample ID: ARGWA-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Orthophosphate as P	<0.21	H F1	2.50	2.13	F1	mg/L		85	90 - 110

Lab Sample ID: 180-126808-2 MSD
Matrix: Water
Analysis Batch: 370970

Client Sample ID: ARGWA-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Orthophosphate as P	<0.21	H F1	2.50	2.17	F1	mg/L		87	90 - 110	2	20

Lab Sample ID: MB 180-370999/41
Matrix: Water
Analysis Batch: 370999

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/11/21 03:52	1
Fluoride	<0.026		0.10	0.026	mg/L			09/11/21 03:52	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/11/21 03:52	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/11/21 03:52	1
Sulfate	<0.76		1.0	0.76	mg/L			09/11/21 03:52	1
Bromide	<0.053		0.10	0.053	mg/L			09/11/21 03:52	1

Lab Sample ID: LCS 180-370999/40
Matrix: Water
Analysis Batch: 370999

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	53.2		mg/L		106	90 - 110
Fluoride	2.50	2.64		mg/L		106	90 - 110
Nitrate as N	2.50	2.69		mg/L		108	90 - 110

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 180-370999/40
Matrix: Water
Analysis Batch: 370999

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	2.50	2.61		mg/L		105	90 - 110
Sulfate	50.0	53.0		mg/L		106	90 - 110
Bromide	10.0	10.7		mg/L		107	90 - 110

Lab Sample ID: LCS 180-370999/5
Matrix: Water
Analysis Batch: 370999

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	53.2		mg/L		106	90 - 110
Fluoride	2.50	2.63		mg/L		105	90 - 110
Nitrate as N	2.50	2.67		mg/L		107	90 - 110
Nitrite as N	2.50	2.63		mg/L		105	90 - 110
Sulfate	50.0	52.8		mg/L		106	90 - 110
Bromide	10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: 180-126893-1 MS
Matrix: Water
Analysis Batch: 370999

Client Sample ID: ARGWC-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	4.7		50.0	56.2		mg/L		103	90 - 110
Fluoride	0.48		2.50	2.92		mg/L		98	90 - 110
Nitrate as N	1.8		2.50	4.12		mg/L		94	90 - 110
Nitrite as N	0.35		2.50	2.72		mg/L		95	90 - 110
Sulfate	72	F1	50.0	111	F1	mg/L		79	90 - 110
Bromide	<0.053		10.0	10.3		mg/L		103	90 - 110

Lab Sample ID: 180-126893-1 MSD
Matrix: Water
Analysis Batch: 370999

Client Sample ID: ARGWC-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	4.7		50.0	56.1		mg/L		103	90 - 110	0	20
Fluoride	0.48		2.50	2.96		mg/L		99	90 - 110	1	20
Nitrate as N	1.8		2.50	4.16		mg/L		96	90 - 110	1	20
Nitrite as N	0.35		2.50	2.75		mg/L		96	90 - 110	1	20
Sulfate	72	F1	50.0	113	F1	mg/L		84	90 - 110	2	20
Bromide	<0.053		10.0	10.3		mg/L		103	90 - 110	1	20

Lab Sample ID: MB 180-371081/6
Matrix: Water
Analysis Batch: 371081

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	<0.21		0.50	0.21	mg/L			09/11/21 14:24	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 180-371081/5
Matrix: Water
Analysis Batch: 371081

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Orthophosphate as P	2.50	2.36		mg/L		95	90 - 110

Lab Sample ID: MB 180-371082/7
Matrix: Water
Analysis Batch: 371082

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/11/21 15:05	1
Fluoride	<0.026		0.10	0.026	mg/L			09/11/21 15:05	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/11/21 15:05	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/11/21 15:05	1
Sulfate	<0.76		1.0	0.76	mg/L			09/11/21 15:05	1
Bromide	<0.053		0.10	0.053	mg/L			09/11/21 15:05	1

Lab Sample ID: LCS 180-371082/6
Matrix: Water
Analysis Batch: 371082

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	47.6		mg/L		95	90 - 110
Fluoride	2.50	2.53		mg/L		101	90 - 110
Nitrate as N	2.50	2.42		mg/L		97	90 - 110
Nitrite as N	2.50	2.58		mg/L		103	90 - 110
Sulfate	50.0	45.7		mg/L		91	90 - 110
Bromide	10.0	10.3		mg/L		103	90 - 110

Lab Sample ID: MB 180-371284/6
Matrix: Water
Analysis Batch: 371284

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/14/21 10:18	1
Fluoride	<0.026		0.10	0.026	mg/L			09/14/21 10:18	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/14/21 10:18	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/14/21 10:18	1
Sulfate	<0.76		1.0	0.76	mg/L			09/14/21 10:18	1
Bromide	<0.053		0.10	0.053	mg/L			09/14/21 10:18	1

Lab Sample ID: LCS 180-371284/5
Matrix: Water
Analysis Batch: 371284

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	53.5		mg/L		107	90 - 110
Fluoride	2.50	2.68		mg/L		107	90 - 110
Nitrate as N	2.50	2.74		mg/L		110	90 - 110
Nitrite as N	2.50	2.61		mg/L		104	90 - 110
Sulfate	50.0	53.9		mg/L		108	90 - 110
Bromide	10.0	10.9		mg/L		109	90 - 110

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 180-371469/41
Matrix: Water
Analysis Batch: 371469

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.71		1.0	0.71	mg/L			09/16/21 03:30	1
Fluoride	<0.026		0.10	0.026	mg/L			09/16/21 03:30	1
Nitrate as N	<0.023		0.10	0.023	mg/L			09/16/21 03:30	1
Nitrite as N	<0.029		0.050	0.029	mg/L			09/16/21 03:30	1
Sulfate	<0.76		1.0	0.76	mg/L			09/16/21 03:30	1
Bromide	<0.053		0.10	0.053	mg/L			09/16/21 03:30	1

Lab Sample ID: LCS 180-371469/40
Matrix: Water
Analysis Batch: 371469

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Chloride	50.0	52.2		mg/L		104	90 - 110
Fluoride	2.50	2.56		mg/L		103	90 - 110
Nitrate as N	2.50	2.61		mg/L		105	90 - 110
Nitrite as N	2.50	2.66		mg/L		106	90 - 110
Sulfate	50.0	51.4		mg/L		103	90 - 110
Bromide	10.0	10.4		mg/L		104	90 - 110

Lab Sample ID: 180-126808-2 MS
Matrix: Water
Analysis Batch: 371469

Client Sample ID: ARGWA-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Chloride	6.5		50.0	59.5		mg/L		106	90 - 110
Fluoride	0.061	J	2.50	2.68		mg/L		105	90 - 110
Nitrate as N	0.40	H	2.50	3.12		mg/L		109	90 - 110
Nitrite as N	0.17	H	2.50	2.80		mg/L		105	90 - 110
Sulfate	16		50.0	70.5		mg/L		108	90 - 110
Bromide	<0.053		10.0	10.7		mg/L		107	90 - 110

Lab Sample ID: 180-126808-2 MSD
Matrix: Water
Analysis Batch: 371469

Client Sample ID: ARGWA-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
				Result	Qualifier						
Chloride	6.5		50.0	55.1		mg/L		97	90 - 110	8	20
Fluoride	0.061	J	2.50	2.46		mg/L		96	90 - 110	9	20
Nitrate as N	0.40	H	2.50	2.88		mg/L		99	90 - 110	8	20
Nitrite as N	0.17	H	2.50	2.60		mg/L		97	90 - 110	7	20
Sulfate	16		50.0	64.8		mg/L		97	90 - 110	8	20
Bromide	<0.053		10.0	9.91		mg/L		99	90 - 110	8	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-371921/1-A
Matrix: Water
Analysis Batch: 371992

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 371921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/17/21 12:38	09/18/21 09:32	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/17/21 12:38	09/18/21 09:32	1
Barium	<0.0016		0.010	0.0016	mg/L		09/17/21 12:38	09/18/21 09:32	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/17/21 12:38	09/18/21 09:32	1
Boron	<0.039		0.080	0.039	mg/L		09/17/21 12:38	09/18/21 09:32	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/17/21 12:38	09/18/21 09:32	1
Calcium	<0.13		0.50	0.13	mg/L		09/17/21 12:38	09/18/21 09:32	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/17/21 12:38	09/18/21 09:32	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/17/21 12:38	09/18/21 09:32	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/17/21 12:38	09/18/21 09:32	1
Lithium	<0.0034		0.0050	0.0034	mg/L		09/17/21 12:38	09/18/21 09:32	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/17/21 12:38	09/18/21 09:32	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/17/21 12:38	09/18/21 09:32	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/17/21 12:38	09/18/21 09:32	1
Thallium	0.000610	J	0.0010	0.00015	mg/L		09/17/21 12:38	09/18/21 09:32	1
Iron	<0.020		0.050	0.020	mg/L		09/17/21 12:38	09/18/21 09:32	1
Potassium	<0.16		0.50	0.16	mg/L		09/17/21 12:38	09/18/21 09:32	1
Magnesium	<0.083		0.50	0.083	mg/L		09/17/21 12:38	09/18/21 09:32	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/17/21 12:38	09/18/21 09:32	1
Sodium	<0.35		0.50	0.35	mg/L		09/17/21 12:38	09/18/21 09:32	1
SiO2, Silica	<0.28		1.1	0.28	mg/L		09/17/21 12:38	09/18/21 09:32	1

Lab Sample ID: LCS 180-371921/2-A
Matrix: Water
Analysis Batch: 371992

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 371921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.245		mg/L		98	80 - 120
Arsenic	1.00	1.08		mg/L		108	80 - 120
Barium	1.00	1.01		mg/L		101	80 - 120
Beryllium	0.500	0.504		mg/L		101	80 - 120
Boron	1.25	1.32		mg/L		106	80 - 120
Cadmium	0.500	0.525		mg/L		105	80 - 120
Calcium	25.0	27.5		mg/L		110	80 - 120
Chromium	0.500	0.520		mg/L		104	80 - 120
Cobalt	0.500	0.530		mg/L		106	80 - 120
Lead	0.500	0.521		mg/L		104	80 - 120
Lithium	0.500	0.522		mg/L		104	80 - 120
Molybdenum	0.500	0.534		mg/L		107	80 - 120
Selenium	1.00	1.01		mg/L		101	80 - 120
Silver	0.250	0.266		mg/L		106	80 - 120
Thallium	1.00	1.06		mg/L		106	80 - 120
Iron	5.00	5.19		mg/L		104	80 - 120
Potassium	25.0	24.2		mg/L		97	80 - 120
Magnesium	25.0	26.8		mg/L		107	80 - 120
Manganese	0.500	0.497		mg/L		99	80 - 120
Sodium	25.0	27.6		mg/L		110	80 - 120
SiO2, Silica	2.14	2.20		mg/L		103	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

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

Lab Sample ID: MB 180-372115/1-A
Matrix: Water
Analysis Batch: 372337

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372115

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00038		0.0020	0.00038	mg/L		09/20/21 11:31	09/21/21 08:56	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/20/21 11:31	09/21/21 08:56	1
Barium	<0.0016		0.010	0.0016	mg/L		09/20/21 11:31	09/21/21 08:56	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/20/21 11:31	09/21/21 08:56	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/20/21 11:31	09/21/21 08:56	1
Calcium	<0.13		0.50	0.13	mg/L		09/20/21 11:31	09/21/21 08:56	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/20/21 11:31	09/21/21 08:56	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/20/21 11:31	09/21/21 08:56	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/20/21 11:31	09/21/21 08:56	1
Lithium	<0.0034		0.0050	0.0034	mg/L		09/20/21 11:31	09/21/21 08:56	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/20/21 11:31	09/21/21 08:56	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/20/21 11:31	09/21/21 08:56	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/20/21 11:31	09/21/21 08:56	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/20/21 11:31	09/21/21 08:56	1
Iron	<0.020		0.050	0.020	mg/L		09/20/21 11:31	09/21/21 08:56	1
Potassium	<0.16		0.50	0.16	mg/L		09/20/21 11:31	09/21/21 08:56	1
Magnesium	<0.083		0.50	0.083	mg/L		09/20/21 11:31	09/21/21 08:56	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/20/21 11:31	09/21/21 08:56	1
Sodium	<0.35		0.50	0.35	mg/L		09/20/21 11:31	09/21/21 08:56	1
SiO2, Silica	<0.28		1.1	0.28	mg/L		09/20/21 11:31	09/21/21 08:56	1

Lab Sample ID: MB 180-372115/1-A
Matrix: Water
Analysis Batch: 372337

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372115

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<0.039		0.080	0.039	mg/L		09/20/21 11:31	09/21/21 11:25	1

Lab Sample ID: LCS 180-372115/2-A
Matrix: Water
Analysis Batch: 372337

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 372115

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.07		mg/L		107	80 - 120
Barium	1.00	1.01		mg/L		101	80 - 120
Beryllium	0.500	0.526		mg/L		105	80 - 120
Cadmium	0.500	0.505		mg/L		101	80 - 120
Calcium	25.0	28.4		mg/L		114	80 - 120
Chromium	0.500	0.501		mg/L		100	80 - 120
Cobalt	0.500	0.519		mg/L		104	80 - 120
Lead	0.500	0.514		mg/L		103	80 - 120
Lithium	0.500	0.496		mg/L		99	80 - 120
Molybdenum	0.500	0.519		mg/L		104	80 - 120
Selenium	1.00	0.995		mg/L		99	80 - 120
Silver	0.250	0.251		mg/L		100	80 - 120
Thallium	1.00	1.03		mg/L		103	80 - 120
Iron	5.00	5.09		mg/L		102	80 - 120
Potassium	25.0	25.1		mg/L		100	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

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

Lab Sample ID: LCS 180-372115/2-A
Matrix: Water
Analysis Batch: 372337

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 372115

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Magnesium	25.0	24.9		mg/L		100	80 - 120
Manganese	0.500	0.526		mg/L		105	80 - 120
Sodium	25.0	25.9		mg/L		104	80 - 120
SiO2, Silica	2.14	2.11		mg/L		98	80 - 120

Lab Sample ID: LCS 180-372115/2-A
Matrix: Water
Analysis Batch: 372337

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 372115

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	1.25	1.10		mg/L		88	80 - 120

Lab Sample ID: MB 180-372262/1-A
Matrix: Water
Analysis Batch: 372523

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/21/21 12:21	09/22/21 10:08	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/21/21 12:21	09/22/21 10:08	1
Barium	<0.0016		0.010	0.0016	mg/L		09/21/21 12:21	09/22/21 10:08	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/21/21 12:21	09/22/21 10:08	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/21/21 12:21	09/22/21 10:08	1
Calcium	<0.13		0.50	0.13	mg/L		09/21/21 12:21	09/22/21 10:08	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/21/21 12:21	09/22/21 10:08	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/21/21 12:21	09/22/21 10:08	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/21/21 12:21	09/22/21 10:08	1
Lithium	<0.0034		0.0050	0.0034	mg/L		09/21/21 12:21	09/22/21 10:08	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/21/21 12:21	09/22/21 10:08	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/21/21 12:21	09/22/21 10:08	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/21/21 12:21	09/22/21 10:08	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/21/21 12:21	09/22/21 10:08	1
Iron	<0.020		0.050	0.020	mg/L		09/21/21 12:21	09/22/21 10:08	1
Potassium	<0.16		0.50	0.16	mg/L		09/21/21 12:21	09/22/21 10:08	1
Magnesium	<0.083		0.50	0.083	mg/L		09/21/21 12:21	09/22/21 10:08	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/21/21 12:21	09/22/21 10:08	1
Sodium	<0.35		0.50	0.35	mg/L		09/21/21 12:21	09/22/21 10:08	1
SiO2, Silica	<0.28		1.1	0.28	mg/L		09/21/21 12:21	09/22/21 10:08	1

Lab Sample ID: MB 180-372262/1-A
Matrix: Water
Analysis Batch: 372671

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.039		0.080	0.039	mg/L		09/21/21 12:21	09/23/21 09:49	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

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

Lab Sample ID: LCS 180-372262/2-A
Matrix: Water
Analysis Batch: 372523

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 372262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.246		mg/L		98	80 - 120
Arsenic	1.00	1.07		mg/L		107	80 - 120
Barium	1.00	1.05		mg/L		105	80 - 120
Beryllium	0.500	0.515		mg/L		103	80 - 120
Cadmium	0.500	0.518		mg/L		104	80 - 120
Calcium	25.0	29.7		mg/L		119	80 - 120
Chromium	0.500	0.519		mg/L		104	80 - 120
Cobalt	0.500	0.518		mg/L		104	80 - 120
Lead	0.500	0.528		mg/L		106	80 - 120
Lithium	0.500	0.512		mg/L		102	80 - 120
Molybdenum	0.500	0.528		mg/L		106	80 - 120
Selenium	1.00	1.03		mg/L		103	80 - 120
Silver	0.250	0.262		mg/L		105	80 - 120
Thallium	1.00	1.06		mg/L		106	80 - 120
Iron	5.00	5.29		mg/L		106	80 - 120
Potassium	25.0	25.9		mg/L		104	80 - 120
Magnesium	25.0	26.5		mg/L		106	80 - 120
Manganese	0.500	0.528		mg/L		106	80 - 120
Sodium	25.0	27.4		mg/L		110	80 - 120
SiO2, Silica	2.14	2.20		mg/L		103	80 - 120

Lab Sample ID: LCS 180-372262/2-A
Matrix: Water
Analysis Batch: 372865

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 372262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	1.25	1.28		mg/L		102	80 - 120

Lab Sample ID: MB 180-372393/1-A
Matrix: Water
Analysis Batch: 372674

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372393

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/22/21 09:49	09/23/21 15:27	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/22/21 09:49	09/23/21 15:27	1
Barium	<0.0016		0.010	0.0016	mg/L		09/22/21 09:49	09/23/21 15:27	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/22/21 09:49	09/23/21 15:27	1
Boron	<0.039		0.080	0.039	mg/L		09/22/21 09:49	09/23/21 15:27	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/22/21 09:49	09/23/21 15:27	1
Calcium	<0.13		0.50	0.13	mg/L		09/22/21 09:49	09/23/21 15:27	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/22/21 09:49	09/23/21 15:27	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/22/21 09:49	09/23/21 15:27	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/22/21 09:49	09/23/21 15:27	1
Lithium	<0.0034		0.0050	0.0034	mg/L		09/22/21 09:49	09/23/21 15:27	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/22/21 09:49	09/23/21 15:27	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/22/21 09:49	09/23/21 15:27	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/22/21 09:49	09/23/21 15:27	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/22/21 09:49	09/23/21 15:27	1
Iron	<0.020		0.050	0.020	mg/L		09/22/21 09:49	09/23/21 15:27	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

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

Lab Sample ID: MB 180-372393/1-A
Matrix: Water
Analysis Batch: 372674

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372393

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.16		0.50	0.16	mg/L		09/22/21 09:49	09/23/21 15:27	1
Magnesium	<0.083		0.50	0.083	mg/L		09/22/21 09:49	09/23/21 15:27	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/22/21 09:49	09/23/21 15:27	1
Sodium	<0.35		0.50	0.35	mg/L		09/22/21 09:49	09/23/21 15:27	1
SiO2, Silica	<0.28		1.1	0.28	mg/L		09/22/21 09:49	09/23/21 15:27	1

Lab Sample ID: LCS 180-372393/2-A
Matrix: Water
Analysis Batch: 372674

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 372393

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.251		mg/L		100	80 - 120
Arsenic	1.00	1.06		mg/L		106	80 - 120
Barium	1.00	1.06		mg/L		106	80 - 120
Beryllium	0.500	0.558		mg/L		112	80 - 120
Boron	1.25	1.38		mg/L		111	80 - 120
Cadmium	0.500	0.543		mg/L		109	80 - 120
Calcium	25.0	27.7		mg/L		111	80 - 120
Chromium	0.500	0.528		mg/L		106	80 - 120
Cobalt	0.500	0.523		mg/L		105	80 - 120
Lead	0.500	0.527		mg/L		105	80 - 120
Lithium	0.500	0.543		mg/L		109	80 - 120
Molybdenum	0.500	0.541		mg/L		108	80 - 120
Selenium	1.00	1.06		mg/L		106	80 - 120
Silver	0.250	0.264		mg/L		106	80 - 120
Thallium	1.00	1.09		mg/L		109	80 - 120
Iron	5.00	5.32		mg/L		106	80 - 120
Potassium	25.0	24.5		mg/L		98	80 - 120
Magnesium	25.0	26.9		mg/L		107	80 - 120
Manganese	0.500	0.515		mg/L		103	80 - 120
Sodium	25.0	27.4		mg/L		110	80 - 120
SiO2, Silica	2.14	2.17		mg/L		101	80 - 120

Lab Sample ID: MB 180-372399/1-A
Matrix: Water
Analysis Batch: 372671

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372399

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/22/21 09:58	09/23/21 11:10	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/22/21 09:58	09/23/21 11:10	1
Barium	<0.0016		0.010	0.0016	mg/L		09/22/21 09:58	09/23/21 11:10	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/22/21 09:58	09/23/21 11:10	1
Boron	<0.039		0.080	0.039	mg/L		09/22/21 09:58	09/23/21 11:10	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/22/21 09:58	09/23/21 11:10	1
Calcium	<0.13		0.50	0.13	mg/L		09/22/21 09:58	09/23/21 11:10	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/22/21 09:58	09/23/21 11:10	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/22/21 09:58	09/23/21 11:10	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/22/21 09:58	09/23/21 11:10	1
Lithium	<0.0034		0.0050	0.0034	mg/L		09/22/21 09:58	09/23/21 11:10	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

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

Lab Sample ID: MB 180-372399/1-A
Matrix: Water
Analysis Batch: 372671

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372399

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00061		0.015	0.00061	mg/L		09/22/21 09:58	09/23/21 11:10	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/22/21 09:58	09/23/21 11:10	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/22/21 09:58	09/23/21 11:10	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/22/21 09:58	09/23/21 11:10	1
Iron	<0.020		0.050	0.020	mg/L		09/22/21 09:58	09/23/21 11:10	1
Potassium	<0.16		0.50	0.16	mg/L		09/22/21 09:58	09/23/21 11:10	1
Magnesium	<0.083		0.50	0.083	mg/L		09/22/21 09:58	09/23/21 11:10	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/22/21 09:58	09/23/21 11:10	1
Sodium	<0.35		0.50	0.35	mg/L		09/22/21 09:58	09/23/21 11:10	1
SiO2, Silica	<0.28		1.1	0.28	mg/L		09/22/21 09:58	09/23/21 11:10	1

Lab Sample ID: LCS 180-372399/2-A
Matrix: Water
Analysis Batch: 372671

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 372399

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.241		mg/L		97	80 - 120
Arsenic	1.00	1.05		mg/L		105	80 - 120
Barium	1.00	1.01		mg/L		101	80 - 120
Beryllium	0.500	0.510		mg/L		102	80 - 120
Boron	1.25	1.25		mg/L		100	80 - 120
Cadmium	0.500	0.502		mg/L		100	80 - 120
Calcium	25.0	29.7		mg/L		119	80 - 120
Chromium	0.500	0.496		mg/L		99	80 - 120
Cobalt	0.500	0.510		mg/L		102	80 - 120
Lead	0.500	0.507		mg/L		101	80 - 120
Lithium	0.500	0.490		mg/L		98	80 - 120
Molybdenum	0.500	0.511		mg/L		102	80 - 120
Selenium	1.00	1.00		mg/L		100	80 - 120
Silver	0.250	0.253		mg/L		101	80 - 120
Thallium	1.00	1.02		mg/L		102	80 - 120
Iron	5.00	5.10		mg/L		102	80 - 120
Potassium	25.0	24.7		mg/L		99	80 - 120
Magnesium	25.0	24.9		mg/L		100	80 - 120
Manganese	0.500	0.517		mg/L		103	80 - 120
Sodium	25.0	26.0		mg/L		104	80 - 120
SiO2, Silica	2.14	2.18		mg/L		102	80 - 120

Lab Sample ID: MB 180-372562/1-A
Matrix: Water
Analysis Batch: 372872

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372562

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/23/21 09:47	09/24/21 12:24	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/23/21 09:47	09/24/21 12:24	1
Barium	<0.0016		0.010	0.0016	mg/L		09/23/21 09:47	09/24/21 12:24	1
Beryllium	<0.00018		0.0010	0.00018	mg/L		09/23/21 09:47	09/24/21 12:24	1
Boron	<0.039		0.080	0.039	mg/L		09/23/21 09:47	09/24/21 12:24	1
Cadmium	<0.00022		0.0010	0.00022	mg/L		09/23/21 09:47	09/24/21 12:24	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

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

Lab Sample ID: MB 180-372562/1-A
Matrix: Water
Analysis Batch: 372872

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372562

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.50	0.13	mg/L		09/23/21 09:47	09/24/21 12:24	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/23/21 09:47	09/24/21 12:24	1
Cobalt	<0.00013		0.00050	0.00013	mg/L		09/23/21 09:47	09/24/21 12:24	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/23/21 09:47	09/24/21 12:24	1
Lithium	<0.0034		0.0050	0.0034	mg/L		09/23/21 09:47	09/24/21 12:24	1
Molybdenum	<0.00061		0.0050	0.00061	mg/L		09/23/21 09:47	09/24/21 12:24	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/23/21 09:47	09/24/21 12:24	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/23/21 09:47	09/24/21 12:24	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/23/21 09:47	09/24/21 12:24	1
Potassium	<0.16		0.50	0.16	mg/L		09/23/21 09:47	09/24/21 12:24	1
Magnesium	<0.083		0.50	0.083	mg/L		09/23/21 09:47	09/24/21 12:24	1
Manganese	<0.00087		0.0050	0.00087	mg/L		09/23/21 09:47	09/24/21 12:24	1
SiO2, Silica	<0.28		1.1	0.28	mg/L		09/23/21 09:47	09/24/21 12:24	1

Lab Sample ID: LCS 180-372562/2-A
Matrix: Water
Analysis Batch: 372872

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 372562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.243		mg/L		97	80 - 120
Arsenic	1.00	1.05		mg/L		105	80 - 120
Barium	1.00	1.02		mg/L		102	80 - 120
Beryllium	0.500	0.538		mg/L		108	80 - 120
Boron	1.25	1.34		mg/L		107	80 - 120
Cadmium	0.500	0.527		mg/L		105	80 - 120
Calcium	25.0	27.3		mg/L		109	80 - 120
Chromium	0.500	0.506		mg/L		101	80 - 120
Cobalt	0.500	0.507		mg/L		101	80 - 120
Lead	0.500	0.531		mg/L		106	80 - 120
Lithium	0.500	0.517		mg/L		103	80 - 120
Molybdenum	0.500	0.536		mg/L		107	80 - 120
Selenium	1.00	1.04		mg/L		104	80 - 120
Silver	0.250	0.267		mg/L		107	80 - 120
Thallium	1.00	1.07		mg/L		107	80 - 120
Potassium	25.0	24.6		mg/L		98	80 - 120
Magnesium	25.0	26.3		mg/L		105	80 - 120
Manganese	0.500	0.506		mg/L		101	80 - 120
SiO2, Silica	2.14	2.21		mg/L		103	80 - 120

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-371676/1-A
Matrix: Water
Analysis Batch: 371950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371676

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/21 09:29	09/17/21 14:14	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

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

Lab Sample ID: LCS 180-371676/2-A
Matrix: Water
Analysis Batch: 371950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371676

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00258		mg/L		103	80 - 120

Lab Sample ID: MB 180-371761/1-A
Matrix: Water
Analysis Batch: 371950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371761

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/21 14:48	09/17/21 13:02	1

Lab Sample ID: LCS 180-371761/2-A
Matrix: Water
Analysis Batch: 371950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371761

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00243		mg/L		97	80 - 120

Lab Sample ID: MB 180-371900/1-A
Matrix: Water
Analysis Batch: 372127

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/17/21 11:47	09/20/21 10:49	1

Lab Sample ID: LCS 180-371900/2-A
Matrix: Water
Analysis Batch: 372127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00220		mg/L		88	80 - 120

Lab Sample ID: 180-126808-3 MS
Matrix: Water
Analysis Batch: 372127

Client Sample ID: ARGWC-21
Prep Type: Total/NA
Prep Batch: 371900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00013		0.00100	0.000867		mg/L		87	75 - 125

Lab Sample ID: 180-126808-3 MSD
Matrix: Water
Analysis Batch: 372127

Client Sample ID: ARGWC-21
Prep Type: Total/NA
Prep Batch: 371900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.00013		0.00100	0.000863		mg/L		86	75 - 125	0	20

Lab Sample ID: MB 180-372111/1-A
Matrix: Water
Analysis Batch: 372463

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372111

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/20/21 11:17	09/22/21 11:46	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: LCS 180-372111/2-A
Matrix: Water
Analysis Batch: 372463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372111
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00250		mg/L		100	80 - 120

Lab Sample ID: MB 180-372112/1-A
Matrix: Water
Analysis Batch: 372463

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372112

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/20/21 11:19	09/22/21 12:14	1

Lab Sample ID: LCS 180-372112/2-A
Matrix: Water
Analysis Batch: 372463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372112
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00234		mg/L		94	80 - 120

Lab Sample ID: MB 180-372445/1-A
Matrix: Water
Analysis Batch: 372611

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/22/21 12:33	09/23/21 12:09	1

Lab Sample ID: LCS 180-372445/2-A
Matrix: Water
Analysis Batch: 372611

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372445
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00252		mg/L		101	80 - 120

Method: EPA 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 180-371374/1-A
Matrix: Water
Analysis Batch: 371509

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371374

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<2.1		3.0	2.1	mg/L		09/14/21 13:30	09/14/21 15:26	1

Lab Sample ID: LCS 180-371374/2-A
Matrix: Water
Analysis Batch: 371509

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371374
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Sulfide	10.8	12.0		mg/L		111	85 - 115

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: EPA 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric) (Continued)

Lab Sample ID: 180-126791-1 MS
Matrix: Water
Analysis Batch: 371509

Client Sample ID: ARGWA-19
Prep Type: Total/NA
Prep Batch: 371374
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Sulfide	2.5	J	10.8	11.6		mg/L		84	75 - 125

Lab Sample ID: 180-126791-1 MSD
Matrix: Water
Analysis Batch: 371509

Client Sample ID: ARGWA-19
Prep Type: Total/NA
Prep Batch: 371374
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Sulfide	2.5	J	10.8	11.4		mg/L		83	75 - 125	1	20

Lab Sample ID: MB 180-371751/1-A
Matrix: Water
Analysis Batch: 371862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371751

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<2.1		3.0	2.1	mg/L		09/16/21 14:30	09/16/21 18:04	1

Lab Sample ID: LCS 180-371751/2-A
Matrix: Water
Analysis Batch: 371862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371751
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Sulfide	10.3	8.94		mg/L		87	85 - 115

Lab Sample ID: 180-126893-1 MS
Matrix: Water
Analysis Batch: 371862

Client Sample ID: ARGWC-23
Prep Type: Total/NA
Prep Batch: 371751
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Sulfide	<2.1		10.3	9.34		mg/L		91	75 - 125

Lab Sample ID: 180-126893-1 MSD
Matrix: Water
Analysis Batch: 371862

Client Sample ID: ARGWC-23
Prep Type: Total/NA
Prep Batch: 371751
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Sulfide	<2.1		10.3	9.43		mg/L		92	75 - 125	1	20

Lab Sample ID: MB 180-371753/1-A
Matrix: Water
Analysis Batch: 371897

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<2.1		3.0	2.1	mg/L		09/16/21 14:30	09/16/21 19:02	1

Lab Sample ID: LCS 180-371753/2-A
Matrix: Water
Analysis Batch: 371897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371753
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Sulfide	10.3	9.26		mg/L		90	85 - 115

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: EPA 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 180-372973/6
Matrix: Water
Analysis Batch: 372973

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 - Quad	<0.51		1.0	0.51	mg/L			09/24/21 21:07	1

Lab Sample ID: LCS 180-372973/4
Matrix: Water
Analysis Batch: 372973

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 - Quad	20.0	20.0		mg/L		100	85 - 115

Lab Sample ID: LCSD 180-372973/5
Matrix: Water
Analysis Batch: 372973

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
Total Organic Carbon - Quad	20.0	19.9		mg/L		100	85 - 115	1	20

Lab Sample ID: MB 180-373165/6
Matrix: Water
Analysis Batch: 373165

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 - Quad	<0.51		1.0	0.51	mg/L			09/22/21 15:23	1

Lab Sample ID: LCS 180-373165/4
Matrix: Water
Analysis Batch: 373165

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 - Quad	20.0	19.7		mg/L		98	85 - 115

Lab Sample ID: LCSD 180-373165/5
Matrix: Water
Analysis Batch: 373165

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
Total Organic Carbon - Quad	20.0	19.6		mg/L		98	85 - 115	0	20

Lab Sample ID: MB 180-373324/6
Matrix: Water
Analysis Batch: 373324

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 - Quad	<0.51		1.0	0.51	mg/L			09/28/21 21:00	1

Lab Sample ID: LCS 180-373324/4
Matrix: Water
Analysis Batch: 373324

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 - Quad	20.0	19.7		mg/L		98	85 - 115

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: EPA 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: LCSD 180-373324/5
Matrix: Water
Analysis Batch: 373324

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
Total Organic Carbon - Quad	20.0	19.7		mg/L		98	85 - 115	0	20

Lab Sample ID: MB 180-373531/6
Matrix: Water
Analysis Batch: 373531

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 - Quad	<0.51		1.0	0.51	mg/L			09/29/21 19:53	1

Lab Sample ID: LCS 180-373531/4
Matrix: Water
Analysis Batch: 373531

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 - Quad	20.0	19.6		mg/L		98	85 - 115

Lab Sample ID: LCSD 180-373531/5
Matrix: Water
Analysis Batch: 373531

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
Total Organic Carbon - Quad	20.0	19.3		mg/L		97	85 - 115	1	20

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

Lab Sample ID: MB 180-371108/2
Matrix: Water
Analysis Batch: 371108

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	<10		10	10	mg/L			09/12/21 18:05	1

Lab Sample ID: LCS 180-371108/1
Matrix: Water
Analysis Batch: 371108

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	685	662		mg/L		97	80 - 120

Lab Sample ID: MB 180-371225/2
Matrix: Water
Analysis Batch: 371225

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	<10		10	10	mg/L			09/13/21 15:31	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

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

Lab Sample ID: LCS 180-371225/1
Matrix: Water
Analysis Batch: 371225

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	685	676		mg/L		99	80 - 120

Lab Sample ID: MB 180-371390/2
Matrix: Water
Analysis Batch: 371390

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	<10		10	10	mg/L			09/14/21 14:31	1

Lab Sample ID: LCS 180-371390/1
Matrix: Water
Analysis Batch: 371390

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	685	678		mg/L		99	80 - 120

Lab Sample ID: MB 180-371543/2
Matrix: Water
Analysis Batch: 371543

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	<10		10	10	mg/L			09/15/21 12:58	1

Lab Sample ID: LCS 180-371543/1
Matrix: Water
Analysis Batch: 371543

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	685	688		mg/L		100	80 - 120

Lab Sample ID: MB 180-371547/2
Matrix: Water
Analysis Batch: 371547

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	<10		10	10	mg/L			09/15/21 13:14	1

Lab Sample ID: LCS 180-371547/1
Matrix: Water
Analysis Batch: 371547

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	685	684		mg/L		100	80 - 120

Lab Sample ID: 180-126951-2 DU
Matrix: Water
Analysis Batch: 371547

Client Sample ID: DUP-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	860		874		mg/L		2	10

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-371635/6
Matrix: Water
Analysis Batch: 371635

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/15/21 16:45	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/15/21 16:45	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/15/21 16:45	1

Lab Sample ID: LCS 180-371635/5
Matrix: Water
Analysis Batch: 371635

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	251	241		mg/L		96	90 - 110

Lab Sample ID: 180-126791-1 DU
Matrix: Water
Analysis Batch: 371635

Client Sample ID: ARGWA-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	38		37.9		mg/L		1	20
Bicarbonate Alkalinity as CaCO3	38		37.9		mg/L		1	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-371827/30
Matrix: Water
Analysis Batch: 371827

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/16/21 15:32	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/16/21 15:32	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/16/21 15:32	1

Lab Sample ID: MB 180-371827/6
Matrix: Water
Analysis Batch: 371827

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/16/21 12:51	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/16/21 12:51	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/16/21 12:51	1

Lab Sample ID: LCS 180-371827/29
Matrix: Water
Analysis Batch: 371827

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	251	240		mg/L		96	90 - 110

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-371827/5
Matrix: Water
Analysis Batch: 371827

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	251	240		mg/L		96	90 - 110

Lab Sample ID: LLCS 180-371827/28
Matrix: Water
Analysis Batch: 371827

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	17.5	16.8		mg/L		96	90 - 110

Lab Sample ID: LLCS 180-371827/4
Matrix: Water
Analysis Batch: 371827

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	17.5	22.9	*+	mg/L		130	90 - 110

Lab Sample ID: 180-126808-2 DU
Matrix: Water
Analysis Batch: 371827

Client Sample ID: ARGWA-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	42		45.1		mg/L		6	20
Bicarbonate Alkalinity as CaCO3	42		45.1		mg/L		6	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-372373/30
Matrix: Water
Analysis Batch: 372373

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/21/21 15:42	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 15:42	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 15:42	1

Lab Sample ID: MB 180-372373/54
Matrix: Water
Analysis Batch: 372373

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/21/21 18:18	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 18:18	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 18:18	1

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QC Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-372373/6
Matrix: Water
Analysis Batch: 372373

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/21/21 13:03	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 13:03	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 13:03	1

Lab Sample ID: MB 180-372373/78
Matrix: Water
Analysis Batch: 372373

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/21/21 20:58	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 20:58	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/21 20:58	1

Lab Sample ID: LCS 180-372373/29
Matrix: Water
Analysis Batch: 372373

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	251	243		mg/L		97	90 - 110

Lab Sample ID: LCS 180-372373/5
Matrix: Water
Analysis Batch: 372373

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	251	241		mg/L		96	90 - 110

Lab Sample ID: LCS 180-372373/53
Matrix: Water
Analysis Batch: 372373

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	251	243		mg/L		97	90 - 110

Lab Sample ID: LCS 180-372373/77
Matrix: Water
Analysis Batch: 372373

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	251	245		mg/L		98	90 - 110

QC Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LLCS 180-372373/28
Matrix: Water
Analysis Batch: 372373

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	17.5	16.6		mg/L		94	90 - 110

Lab Sample ID: LLCS 180-372373/4
Matrix: Water
Analysis Batch: 372373

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	17.5	17.5		mg/L		100	90 - 110

Lab Sample ID: LLCS 180-372373/52
Matrix: Water
Analysis Batch: 372373

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	17.5	17.1		mg/L		98	90 - 110

Lab Sample ID: LLCS 180-372373/76
Matrix: Water
Analysis Batch: 372373

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	17.5	16.8		mg/L		96	90 - 110

QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

HPLC/IC

Analysis Batch: 370760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-1	EB-1	Total/NA	Water	EPA 300.0 R2.1	
180-126808-2	ARGWA-20	Total/NA	Water	EPA 300.0 R2.1	
180-126808-3	ARGWC-21	Total/NA	Water	EPA 300.0 R2.1	
MB 180-370760/20	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370760/19	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-126808-2 MS	ARGWA-20	Total/NA	Water	EPA 300.0 R2.1	
180-126808-2 MSD	ARGWA-20	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 370761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	EPA 300.0 R2.1	
MB 180-370761/19	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370761/18	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 370970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	EPA 300.0 R2.1	
180-126808-1	EB-1	Total/NA	Water	EPA 300.0 R2.1	
180-126808-2	ARGWA-20	Total/NA	Water	EPA 300.0 R2.1	
180-126893-1	ARGWC-23	Total/NA	Water	EPA 300.0 R2.1	
180-126893-2	ARAMW-8	Total/NA	Water	EPA 300.0 R2.1	
180-126893-3	FB-1	Total/NA	Water	EPA 300.0 R2.1	
180-126896-1	ARAMW-1	Total/NA	Water	EPA 300.0 R2.1	
MB 180-370970/38	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-370970/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370970/37	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370970/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-126808-2 MS	ARGWA-20	Total/NA	Water	EPA 300.0 R2.1	
180-126808-2 MSD	ARGWA-20	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 370999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Total/NA	Water	EPA 300.0 R2.1	
180-126893-2	ARAMW-8	Total/NA	Water	EPA 300.0 R2.1	
180-126893-3	FB-1	Total/NA	Water	EPA 300.0 R2.1	
180-126896-1	ARAMW-1	Total/NA	Water	EPA 300.0 R2.1	
180-126896-1	ARAMW-1	Total/NA	Water	EPA 300.0 R2.1	
MB 180-370999/41	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370999/40	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370999/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-126893-1 MS	ARGWC-23	Total/NA	Water	EPA 300.0 R2.1	
180-126893-1 MSD	ARGWC-23	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 371081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Total/NA	Water	EPA 300.0 R2.1	
180-126951-2	DUP-1	Total/NA	Water	EPA 300.0 R2.1	
180-126955-1	ARGWC-22	Total/NA	Water	EPA 300.0 R2.1	
180-126955-2	ARAMW-7	Total/NA	Water	EPA 300.0 R2.1	
MB 180-371081/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-371081/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

HPLC/IC

Analysis Batch: 371082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Total/NA	Water	EPA 300.0 R2.1	
180-126951-1	ARAMW-2	Total/NA	Water	EPA 300.0 R2.1	
180-126951-2	DUP-1	Total/NA	Water	EPA 300.0 R2.1	
180-126951-2	DUP-1	Total/NA	Water	EPA 300.0 R2.1	
180-126955-1	ARGWC-22	Total/NA	Water	EPA 300.0 R2.1	
180-126955-1	ARGWC-22	Total/NA	Water	EPA 300.0 R2.1	
180-126955-2	ARAMW-7	Total/NA	Water	EPA 300.0 R2.1	
MB 180-371082/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-371082/6	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 371284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126955-2	ARAMW-7	Total/NA	Water	EPA 300.0 R2.1	
MB 180-371284/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-371284/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 371469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-1	EB-1	Total/NA	Water	EPA 300.0 R2.1	
180-126808-2	ARGWA-20	Total/NA	Water	EPA 300.0 R2.1	
180-126808-3	ARGWC-21	Total/NA	Water	EPA 300.0 R2.1	
MB 180-371469/41	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-371469/40	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-126808-2 MS	ARGWA-20	Total/NA	Water	EPA 300.0 R2.1	
180-126808-2 MSD	ARGWA-20	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 371676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-1	EB-1	Total/NA	Water	7470A	
180-126808-2	ARGWA-20	Total/NA	Water	7470A	
MB 180-371676/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-371676/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 371761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	7470A	
MB 180-371761/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-371761/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 371900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-3	ARGWC-21	Total/NA	Water	7470A	
MB 180-371900/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-371900/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-126808-3 MS	ARGWC-21	Total/NA	Water	7470A	
180-126808-3 MSD	ARGWC-21	Total/NA	Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Metals

Prep Batch: 371921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Dissolved	Water	3005A	
180-126791-1	ARGWA-19	Total Recoverable	Water	3005A	
MB 180-371921/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-371921/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 371950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	EPA 7470A	371761
180-126808-1	EB-1	Total/NA	Water	EPA 7470A	371676
180-126808-2	ARGWA-20	Total/NA	Water	EPA 7470A	371676
MB 180-371676/1-A	Method Blank	Total/NA	Water	EPA 7470A	371676
MB 180-371761/1-A	Method Blank	Total/NA	Water	EPA 7470A	371761
LCS 180-371676/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	371676
LCS 180-371761/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	371761

Analysis Batch: 371992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Dissolved	Water	EPA 6020B	371921
180-126791-1	ARGWA-19	Total Recoverable	Water	EPA 6020B	371921
MB 180-371921/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	371921
LCS 180-371921/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	371921

Prep Batch: 372111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Total/NA	Water	7470A	
180-126893-2	ARAMW-8	Total/NA	Water	7470A	
180-126893-3	FB-1	Total/NA	Water	7470A	
MB 180-372111/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-372111/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 372112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126896-1	ARAMW-1	Total/NA	Water	7470A	
MB 180-372112/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-372112/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 372115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-1	EB-1	Dissolved	Water	3005A	
180-126808-1	EB-1	Total Recoverable	Water	3005A	
180-126808-2	ARGWA-20	Dissolved	Water	3005A	
180-126808-2	ARGWA-20	Total Recoverable	Water	3005A	
180-126808-3	ARGWC-21	Dissolved	Water	3005A	
180-126808-3	ARGWC-21	Total Recoverable	Water	3005A	
MB 180-372115/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-372115/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 372127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-3	ARGWC-21	Total/NA	Water	EPA 7470A	371900
MB 180-371900/1-A	Method Blank	Total/NA	Water	EPA 7470A	371900

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QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Metals (Continued)

Analysis Batch: 372127 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-371900/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	371900
180-126808-3 MS	ARGWC-21	Total/NA	Water	EPA 7470A	371900
180-126808-3 MSD	ARGWC-21	Total/NA	Water	EPA 7470A	371900

Prep Batch: 372262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Dissolved	Water	3005A	
180-126893-1	ARGWC-23	Total Recoverable	Water	3005A	
180-126893-2	ARAMW-8	Dissolved	Water	3005A	
180-126893-2	ARAMW-8	Total Recoverable	Water	3005A	
180-126893-3	FB-1	Dissolved	Water	3005A	
180-126893-3	FB-1	Total Recoverable	Water	3005A	
MB 180-372262/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-372262/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 372337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-1	EB-1	Dissolved	Water	EPA 6020B	372115
180-126808-1	EB-1	Total Recoverable	Water	EPA 6020B	372115
180-126808-1	EB-1	Total Recoverable	Water	EPA 6020B	372115
180-126808-2	ARGWA-20	Dissolved	Water	EPA 6020B	372115
180-126808-2	ARGWA-20	Total Recoverable	Water	EPA 6020B	372115
180-126808-2	ARGWA-20	Total Recoverable	Water	EPA 6020B	372115
180-126808-3	ARGWC-21	Dissolved	Water	EPA 6020B	372115
180-126808-3	ARGWC-21	Total Recoverable	Water	EPA 6020B	372115
180-126808-3	ARGWC-21	Total Recoverable	Water	EPA 6020B	372115
MB 180-372115/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	372115
MB 180-372115/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	372115
LCS 180-372115/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	372115
LCS 180-372115/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	372115

Prep Batch: 372393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Dissolved	Water	3005A	
180-126951-1	ARAMW-2	Total Recoverable	Water	3005A	
180-126951-2	DUP-1	Total Recoverable	Water	3005A	
MB 180-372393/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-372393/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 372399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126896-1	ARAMW-1	Dissolved	Water	3005A	
180-126896-1	ARAMW-1	Total Recoverable	Water	3005A	
MB 180-372399/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-372399/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 372445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Total/NA	Water	7470A	
180-126951-2	DUP-1	Total/NA	Water	7470A	
180-126955-1	ARGWC-22	Total/NA	Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Metals (Continued)

Prep Batch: 372445 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126955-2	ARAMW-7	Total/NA	Water	7470A	
MB 180-372445/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-372445/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 372463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Total/NA	Water	EPA 7470A	372111
180-126893-2	ARAMW-8	Total/NA	Water	EPA 7470A	372111
180-126893-3	FB-1	Total/NA	Water	EPA 7470A	372111
180-126896-1	ARAMW-1	Total/NA	Water	EPA 7470A	372112
MB 180-372111/1-A	Method Blank	Total/NA	Water	EPA 7470A	372111
MB 180-372112/1-A	Method Blank	Total/NA	Water	EPA 7470A	372112
LCS 180-372111/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	372111
LCS 180-372112/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	372112

Analysis Batch: 372523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Dissolved	Water	EPA 6020B	372262
180-126893-1	ARGWC-23	Total Recoverable	Water	EPA 6020B	372262
180-126893-2	ARAMW-8	Dissolved	Water	EPA 6020B	372262
180-126893-2	ARAMW-8	Total Recoverable	Water	EPA 6020B	372262
180-126893-3	FB-1	Dissolved	Water	EPA 6020B	372262
180-126893-3	FB-1	Total Recoverable	Water	EPA 6020B	372262
MB 180-372262/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	372262
LCS 180-372262/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	372262

Prep Batch: 372562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-2	DUP-1	Dissolved	Water	3005A	
180-126955-1	ARGWC-22	Dissolved	Water	3005A	
180-126955-1	ARGWC-22	Total Recoverable	Water	3005A	
180-126955-2	ARAMW-7	Dissolved	Water	3005A	
180-126955-2	ARAMW-7	Total Recoverable	Water	3005A	
MB 180-372562/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-372562/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 372611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Total/NA	Water	EPA 7470A	372445
180-126951-2	DUP-1	Total/NA	Water	EPA 7470A	372445
180-126955-1	ARGWC-22	Total/NA	Water	EPA 7470A	372445
180-126955-2	ARAMW-7	Total/NA	Water	EPA 7470A	372445
MB 180-372445/1-A	Method Blank	Total/NA	Water	EPA 7470A	372445
LCS 180-372445/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	372445

Analysis Batch: 372671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Total Recoverable	Water	EPA 6020B	372262
180-126893-2	ARAMW-8	Total Recoverable	Water	EPA 6020B	372262
180-126893-3	FB-1	Total Recoverable	Water	EPA 6020B	372262
180-126896-1	ARAMW-1	Dissolved	Water	EPA 6020B	372399

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QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

Metals (Continued)

Analysis Batch: 372671 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126896-1	ARAMW-1	Total Recoverable	Water	EPA 6020B	372399
MB 180-372262/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	372262
MB 180-372399/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	372399
LCS 180-372399/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	372399

Analysis Batch: 372674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Dissolved	Water	EPA 6020B	372393
180-126951-1	ARAMW-2	Total Recoverable	Water	EPA 6020B	372393
180-126951-2	DUP-1	Total Recoverable	Water	EPA 6020B	372393
MB 180-372393/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	372393
LCS 180-372393/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	372393

Analysis Batch: 372865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-372262/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	372262

Analysis Batch: 372872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-2	DUP-1	Dissolved	Water	EPA 6020B	372562
180-126955-1	ARGWC-22	Dissolved	Water	EPA 6020B	372562
180-126955-1	ARGWC-22	Total Recoverable	Water	EPA 6020B	372562
180-126955-2	ARAMW-7	Dissolved	Water	EPA 6020B	372562
180-126955-2	ARAMW-7	Total Recoverable	Water	EPA 6020B	372562
MB 180-372562/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	372562
LCS 180-372562/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	372562

General Chemistry

Analysis Batch: 371108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	SM 2540C	
MB 180-371108/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-371108/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 371225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-1	EB-1	Total/NA	Water	SM 2540C	
180-126808-2	ARGWA-20	Total/NA	Water	SM 2540C	
180-126808-3	ARGWC-21	Total/NA	Water	SM 2540C	
MB 180-371225/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-371225/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Prep Batch: 371374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	9030B	
180-126808-1	EB-1	Total/NA	Water	9030B	
180-126808-2	ARGWA-20	Total/NA	Water	9030B	
180-126808-3	ARGWC-21	Total/NA	Water	9030B	
MB 180-371374/1-A	Method Blank	Total/NA	Water	9030B	
LCS 180-371374/2-A	Lab Control Sample	Total/NA	Water	9030B	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

General Chemistry (Continued)

Prep Batch: 371374 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1 MS	ARGWA-19	Total/NA	Water	9030B	
180-126791-1 MSD	ARGWA-19	Total/NA	Water	9030B	

Analysis Batch: 371390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Total/NA	Water	SM 2540C	
180-126893-2	ARAMW-8	Total/NA	Water	SM 2540C	
180-126893-3	FB-1	Total/NA	Water	SM 2540C	
180-126896-1	ARAMW-1	Total/NA	Water	SM 2540C	
MB 180-371390/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-371390/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 371509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	EPA 9034	371374
180-126808-1	EB-1	Total/NA	Water	EPA 9034	371374
180-126808-2	ARGWA-20	Total/NA	Water	EPA 9034	371374
180-126808-3	ARGWC-21	Total/NA	Water	EPA 9034	371374
MB 180-371374/1-A	Method Blank	Total/NA	Water	EPA 9034	371374
LCS 180-371374/2-A	Lab Control Sample	Total/NA	Water	EPA 9034	371374
180-126791-1 MS	ARGWA-19	Total/NA	Water	EPA 9034	371374
180-126791-1 MSD	ARGWA-19	Total/NA	Water	EPA 9034	371374

Analysis Batch: 371543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Total/NA	Water	SM 2540C	
MB 180-371543/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-371543/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 371547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-2	DUP-1	Total/NA	Water	SM 2540C	
180-126955-1	ARGWC-22	Total/NA	Water	SM 2540C	
180-126955-2	ARAMW-7	Total/NA	Water	SM 2540C	
MB 180-371547/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-371547/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-126951-2 DU	DUP-1	Total/NA	Water	SM 2540C	

Analysis Batch: 371635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	SM2320 B	
MB 180-371635/6	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-371635/5	Lab Control Sample	Total/NA	Water	SM2320 B	
180-126791-1 DU	ARGWA-19	Total/NA	Water	SM2320 B	

Prep Batch: 371751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Total/NA	Water	9030B	
180-126893-2	ARAMW-8	Total/NA	Water	9030B	
180-126893-3	FB-1	Total/NA	Water	9030B	
180-126896-1	ARAMW-1	Total/NA	Water	9030B	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

General Chemistry (Continued)

Prep Batch: 371751 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-371751/1-A	Method Blank	Total/NA	Water	9030B	
LCS 180-371751/2-A	Lab Control Sample	Total/NA	Water	9030B	
180-126893-1 MS	ARGWC-23	Total/NA	Water	9030B	
180-126893-1 MSD	ARGWC-23	Total/NA	Water	9030B	

Prep Batch: 371753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Total/NA	Water	9030B	
180-126951-2	DUP-1	Total/NA	Water	9030B	
180-126955-1	ARGWC-22	Total/NA	Water	9030B	
180-126955-2	ARAMW-7	Total/NA	Water	9030B	
MB 180-371753/1-A	Method Blank	Total/NA	Water	9030B	
LCS 180-371753/2-A	Lab Control Sample	Total/NA	Water	9030B	

Analysis Batch: 371827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-1	EB-1	Total/NA	Water	SM2320 B	
180-126808-2	ARGWA-20	Total/NA	Water	SM2320 B	
MB 180-371827/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-371827/6	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-371827/29	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-371827/5	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-371827/28	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-371827/4	Lab Control Sample	Total/NA	Water	SM2320 B	
180-126808-2 DU	ARGWA-20	Total/NA	Water	SM2320 B	

Analysis Batch: 371862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Total/NA	Water	EPA 9034	371751
180-126893-2	ARAMW-8	Total/NA	Water	EPA 9034	371751
180-126893-3	FB-1	Total/NA	Water	EPA 9034	371751
180-126896-1	ARAMW-1	Total/NA	Water	EPA 9034	371751
MB 180-371751/1-A	Method Blank	Total/NA	Water	EPA 9034	371751
LCS 180-371751/2-A	Lab Control Sample	Total/NA	Water	EPA 9034	371751
180-126893-1 MS	ARGWC-23	Total/NA	Water	EPA 9034	371751
180-126893-1 MSD	ARGWC-23	Total/NA	Water	EPA 9034	371751

Analysis Batch: 371897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Total/NA	Water	EPA 9034	371753
180-126951-2	DUP-1	Total/NA	Water	EPA 9034	371753
180-126955-1	ARGWC-22	Total/NA	Water	EPA 9034	371753
180-126955-2	ARAMW-7	Total/NA	Water	EPA 9034	371753
MB 180-371753/1-A	Method Blank	Total/NA	Water	EPA 9034	371753
LCS 180-371753/2-A	Lab Control Sample	Total/NA	Water	EPA 9034	371753

Analysis Batch: 372373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-3	ARGWC-21	Total/NA	Water	SM2320 B	
180-126893-1	ARGWC-23	Total/NA	Water	SM2320 B	
180-126893-2	ARAMW-8	Total/NA	Water	SM2320 B	

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

General Chemistry (Continued)

Analysis Batch: 372373 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-3	FB-1	Total/NA	Water	SM2320 B	
180-126896-1	ARAMW-1	Total/NA	Water	SM2320 B	
180-126951-1	ARAMW-2	Total/NA	Water	SM2320 B	
180-126951-2	DUP-1	Total/NA	Water	SM2320 B	
180-126955-1	ARGWC-22	Total/NA	Water	SM2320 B	
180-126955-2	ARAMW-7	Total/NA	Water	SM2320 B	
MB 180-372373/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-372373/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-372373/6	Method Blank	Total/NA	Water	SM2320 B	
MB 180-372373/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-372373/29	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-372373/5	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-372373/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-372373/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-372373/28	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-372373/4	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-372373/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-372373/76	Lab Control Sample	Total/NA	Water	SM2320 B	

Analysis Batch: 372973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-1	EB-1	Total/NA	Water	EPA 9060A	
180-126808-2	ARGWA-20	Total/NA	Water	EPA 9060A	
180-126951-1	ARAMW-2	Total/NA	Water	EPA 9060A	
180-126955-1	ARGWC-22	Total/NA	Water	EPA 9060A	
180-126955-2	ARAMW-7	Total/NA	Water	EPA 9060A	
MB 180-372973/6	Method Blank	Total/NA	Water	EPA 9060A	
LCS 180-372973/4	Lab Control Sample	Total/NA	Water	EPA 9060A	
LCSD 180-372973/5	Lab Control Sample Dup	Total/NA	Water	EPA 9060A	

Analysis Batch: 373165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	EPA 9060A	
MB 180-373165/6	Method Blank	Total/NA	Water	EPA 9060A	
LCS 180-373165/4	Lab Control Sample	Total/NA	Water	EPA 9060A	
LCSD 180-373165/5	Lab Control Sample Dup	Total/NA	Water	EPA 9060A	

Analysis Batch: 373324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Total/NA	Water	EPA 9060A	
180-126893-2	ARAMW-8	Total/NA	Water	EPA 9060A	
180-126893-3	FB-1	Total/NA	Water	EPA 9060A	
MB 180-373324/6	Method Blank	Total/NA	Water	EPA 9060A	
LCS 180-373324/4	Lab Control Sample	Total/NA	Water	EPA 9060A	
LCSD 180-373324/5	Lab Control Sample Dup	Total/NA	Water	EPA 9060A	

Analysis Batch: 373531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126896-1	ARAMW-1	Total/NA	Water	EPA 9060A	
MB 180-373531/6	Method Blank	Total/NA	Water	EPA 9060A	
LCS 180-373531/4	Lab Control Sample	Total/NA	Water	EPA 9060A	

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-1

General Chemistry (Continued)

Analysis Batch: 373531 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 180-373531/5	Lab Control Sample Dup	Total/NA	Water	EPA 9060A	

Field Service / Mobile Lab

Analysis Batch: 372007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	Field Sampling	

Analysis Batch: 372272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-2	ARGWA-20	Total/NA	Water	Field Sampling	
180-126808-3	ARGWC-21	Total/NA	Water	Field Sampling	

Analysis Batch: 372309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Total/NA	Water	Field Sampling	
180-126893-2	ARAMW-8	Total/NA	Water	Field Sampling	
180-126896-1	ARAMW-1	Total/NA	Water	Field Sampling	

Analysis Batch: 372461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Total/NA	Water	Field Sampling	
180-126951-2	DUP-1	Total/NA	Water	Field Sampling	
180-126955-1	ARGWC-22	Total/NA	Water	Field Sampling	
180-126955-2	ARAMW-7	Total/NA	Water	Field Sampling	



Frontier Global Sciences

5755 8th Street East
Tacoma, WA 98424
Phone: (253) 922-2310

29 September 2021

Shali Brown
Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
RE: Arsenic Speciation

Enclosed are the analytical results for samples received by Eurofins Frontier Global Sciences. All quality control measurements are within established control limits and there were no analytical difficulties encountered with the exception of those listed in the case narrative section of this report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Patrick Garcia-Strickland
Business Unit Manager





Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126951-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ARAMW-2 (180-126951-1)	1I00078-01	Water	10-Sep-21 11:55	16-Sep-21 10:10
DUP-1 (180-126951-2)	1I00078-02	Water	10-Sep-21 23:59	16-Sep-21 10:10

Eurofins Frontier Global Sciences, LLC

Patrick Garcia-Strickland, Business Unit Manager

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126951-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

SAMPLE RECEIPT

Samples were received at Eurofins Frontier Global Sciences (EFGS) on 16-Sep-21 10:10. The samples were received intact, on-ice within a sealed cooler at

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	-0.6

SAMPLE PREPARATION AND ANALYSIS

Samples were prepared and analyzed for inorganic arsenic speciation by hydride generation cryogenic trapping gas chromatography atomic absorption spectrometry (HG-CT-GC-AAS) in accordance with EPA 1632.

ANALYTICAL AND QUALITY CONTROL ISSUES

Method blanks were prepared for every preparation to assess possible blank contribution from the sample preparation procedure. The method blanks were carried through the entire analytical procedure. All blanks fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

Liquid spikes, certified reference material (CRM) or a quality control samples (QCS) were prepared for every preparation as a measure of accuracy. All liquid spikes, CRMs and/or QCS samples fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

As an additional measure of the accuracy of the methods used and to check for matrix interference, matrix spikes (MS) and matrix spike duplicates (MSD) were digested and analyzed. All of the matrix spike recoveries fell within the established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

A reasonable measure of the precision of the analytical methods is the relative percent difference (RPD) between a matrix spike recovery and a matrix spike duplicate recovery and between laboratory control sample recovery and laboratory control sample duplicate recoveries. All of the relative percent differences fell within established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager





Frontier Global Sciences

Sample Receipt Checklist

Client: TA - Pitts burgh Date & Time Received: 5/18/21 10:10 Date Labeled: 5/16/21 Labeled By: W
 Matrix: Water Received By: W Label Verified By: UK 9/16/21

of Coolers Received: 1 Samples Arrived By: Shipping Service Hand Other (Specify: _____)
 Coolant: None/Ambient Loose Ice Gel Ice Dry Ice Coolant Required: Y/N Temp Blank Used: Y/N for Cooler(s): _____

Notify Project Manager if packages/coolers are received without coolant or with thawed coolant and at a temperature in excess of 6°C. PM notified: Y/N
 Samples from Wisconsin have special requirements. Shipment received includes samples from Wisconsin: Y/N

Cooler Information:	Y/N/NA	Comments
The coolers do not appear to be tampered with:	<u>Y</u>	
Custody Seals are present and intact:	<u>Y</u>	
Cooler seals signed:	<u>Y</u>	

Chain of Custody:	Y/N/NA	Comments
Sample ID/Description:	<u>Y</u>	
Date and time of collection:	<u>Y</u>	
Sampled by:	<u>N</u>	
Reservation type:	<u>Y</u>	
Requested analyses:	<u>Y</u>	
Required signatures:	<u>Y</u>	
Internal COC required:	<u>NA</u>	

Sample Condition/Integrity:	Y/N/NA	Comments
Sample containers intact/present:	<u>Y</u>	
Sample labels are present and legible:	<u>Y</u>	
Sample ID on container/bag matches COC:	<u>Y</u>	
Correct sample containers used:	<u>Y</u>	
Samples received within holding times:	<u>Y</u>	
Sample volume sufficient for requested analyses:	<u>Y</u>	
Correct preservative used for requested analyses:	<u>NA</u>	

1100078



Chain of Custody Record



Client Information (Sub Contract Lab) Client Contact: Shipping/Receiving Company: Eurofins Frontier Global Sciences LLC Address: 5755 8th Street E, City: Tacoma State, Zip: WA, 98424 Phone: Email: Project Name: Plant Arkwright AP-2 DAS Site: Arkwright		Lab PM: Brown, Shali E-Mail: Shali.Brown@Eurofins.com Carrier Tracking No(s): State of Origin: Georgia Page 1 of 1 Job #: 180-126951-1 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)	
Due Date Requested: 9/27/2021 TAT Requested (days): PO #: WO #: Project #: 18020201 SSOW#:		Analysis Requested Total Number of Containers SUB (1632 Arsenic Speciation III and IV) Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No)	
Sample Identification - Client ID (Lab ID) ARAMW-2 (180-126951-1) DUP-1 (180-126951-2)	Sample Date 9/10/21 9/10/21	Sample Time 11:55 Eastern Eastern	Matrix (W=water, S=solid, O=soil, A=air) Water Water
Special Instructions/Note: 1632 Arsenic Speciation III and IV 1632 Arsenic Speciation III and IV			
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.			
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 Empty Kit Relinquished by: Relinquished by: MO Relinquished by: Relinquished by: Custody Seals Intact: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Custody Seal No.: NO			
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: 5173 0440 1206		Method of Shipment: Date/Time: 5/16/21 10:10 Date/Time: Date/Time: Cooler Temperature(s) °C and Other Remarks: -0.8°C	





Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126951-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

ARAMW-2 (180-126951-1)
1100078-01

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: [CALC]											
Arsenate (as Arsenic)	6.62	0.690	1.00	µg/L	50	[CALC]	27-Sep-21		27-Sep-21	EPA 1632	
Sample Preparation: EFGS SOP2987 EPA 1632 Speciation of Waters											
Arsenite (as Arsenic)	26.2	0.255	0.500	µg/L	25	F109406	19-Sep-21	1120026	19-Sep-21	EPA 1632	
Inorganic Arsenic	32.8	0.690	1.00	µg/L	50	F109409	27-Sep-21	1128021	27-Sep-21	EPA 1632	QB-01

Eurofins Frontier Global Sciences, LLC

Patrick Garcia-Strickland, Business Unit Manager

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126951-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

DUP-1 (180-126951-2)
1100078-02

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
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Sample Preparation: [CALC]

Arsenate (as Arsenic)	8.30	1.38	2.00	µg/L	100	[CALC]	27-Sep-21		27-Sep-21	EPA 1632	
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Sample Preparation: EFGS SOP2987 EPA 1632 Speciation of Waters

Arsenite (as Arsenic)	33.7	0.510	1.00	µg/L	50	F109406	19-Sep-21	1120026	19-Sep-21	EPA 1632	
Inorganic Arsenic	42.0	1.38	2.00	µg/L	100	F109409	27-Sep-21	1128021	27-Sep-21	EPA 1632	

Eurofins Frontier Global Sciences, LLC

Patrick Garcia-Strickland, Business Unit Manager

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Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126951-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F109406 - EFGS SOP2987 EPA 1632 Speciation of Waters

Blank (F109406-BLK1)					Prepared & Analyzed: 19-Sep-21						
Arsenite (as Arsenic)	ND	0.010	0.020	µg/L							U
Blank (F109406-BLK2)					Prepared & Analyzed: 19-Sep-21						
Arsenite (as Arsenic)	ND	0.010	0.020	µg/L							U
LCS (F109406-BS1)					Prepared & Analyzed: 19-Sep-21						
Arsenite (as Arsenic)	0.252	0.010	0.020	µg/L	0.25025		101	30-170			
LCS Dup (F109406-BSD1)					Prepared & Analyzed: 19-Sep-21						
Arsenite (as Arsenic)	0.259	0.010	0.020	µg/L	0.25025		104	30-170	2.83	35	
Matrix Spike (F109406-MS1)					Source: 1H00160-01		Prepared & Analyzed: 19-Sep-21				
Arsenite (as Arsenic)	6.387	0.255	0.500	µg/L	6.2562	ND	102	30-170			
Matrix Spike (F109406-MS2)					Source: 1H00160-02		Prepared & Analyzed: 19-Sep-21				
Arsenite (as Arsenic)	7.989	0.255	0.500	µg/L	6.2562	0.452	120	30-170			
Matrix Spike Dup (F109406-MSD1)					Source: 1H00160-01		Prepared & Analyzed: 19-Sep-21				
Arsenite (as Arsenic)	7.129	0.255	0.500	µg/L	6.2562	ND	114	30-170	11.0	35	
Matrix Spike Dup (F109406-MSD2)					Source: 1H00160-02		Prepared & Analyzed: 19-Sep-21				
Arsenite (as Arsenic)	7.164	0.255	0.500	µg/L	6.2562	0.452	107	30-170	10.9	35	

Batch F109409 - EFGS SOP2987 EPA 1632 Speciation of Waters

Blank (F109409-BLK1)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.017	0.014	0.020	µg/L							J



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126951-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F109409 - EFGS SOP2987 EPA 1632 Speciation of Waters

Blank (F109409-BLK2)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.017	0.014	0.020	µg/L							J
LCS (F109409-BS1)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.271	0.014	0.020	µg/L	0.25050		108	50-150			
LCS Dup (F109409-BSD1)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.281	0.014	0.020	µg/L	0.25050		112	50-150	3.49	35	
Matrix Spike (F109409-MS1)					Source: H100075-01 Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	5.943	0.345	0.500	µg/L	6.2625	0.436	87.9	50-150			
Matrix Spike (F109409-MS2)					Source: H100078-01RE1 Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	38.05	0.690	1.00	µg/L	5.0100	32.83	104	50-150			
Matrix Spike Dup (F109409-MSD1)					Source: H100075-01 Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	6.577	0.345	0.500	µg/L	6.2625	0.436	98.1	50-150	10.1	35	
Matrix Spike Dup (F109409-MSD2)					Source: H100078-01RE1 Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	36.96	0.690	1.00	µg/L	5.0100	32.83	82.5	50-150	2.92	35	



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126951-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

Notes and Definitions

- U Analyte was not detected and is reported as less than the LOD or as defined by the client. The LOD has been adjusted for any dilution or concentration of the sample.
- QB-01 The method blank and/or initial/continuing calibration blank contains analyte at a concentration above the MRL. However, the blank concentration(s) are less than 10% of the sample result.
- J The result is an estimated concentration.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the method detection limit if reported to the MDL or above the reporting limit if reported to the MRL.
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Eurofins Frontier Global Sciences, LLC

Patrick Garcia-Strickland, Business Unit Manager

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Frontier Global Sciences

5755 8th Street East
Tacoma, WA 98424
Phone: (253) 922-2310

29 September 2021

Shali Brown
Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
RE: Arsenic Speciation

Enclosed are the analytical results for samples received by Eurofins Frontier Global Sciences. All quality control measurements are within established control limits and there were no analytical difficulties encountered with the exception of those listed in the case narrative section of this report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Patrick Garcia-Strickland
Business Unit Manager

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Frontier Global Sciences

5755 8th Street East
Tacoma, WA 98424
Phone: (253) 922-2310

Eurofins TestAmerica - Pittsburgh 301 Alpha Drive RIDC Park Pittsburgh PA, 15238	Project: Arsenic Speciation Project Number: 180-126893-1 Project Manager: Shali Brown	Reported: 29-Sep-21 11:12
--	---	------------------------------

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FB-1 (180-126893-3)	1100079-01	Water	09-Sep-21 09:10	16-Sep-21 10:10

Eurofins Frontier Global Sciences, LLC

Patrick Garcia-Strickland, Business Unit Manager

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Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126893-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

SAMPLE RECEIPT

Samples were received at Eurofins Frontier Global Sciences (EFGS) on 16-Sep-21 10:10. The samples were received intact, on-ice within a sealed cooler at

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	-0.6

SAMPLE PREPARATION AND ANALYSIS

Samples were prepared and analyzed for inorganic arsenic speciation by hydride generation cryogenic trapping gas chromatography atomic absorption spectrometry (HG-CT-GC-AAS) in accordance with EPA 1632.

ANALYTICAL AND QUALITY CONTROL ISSUES

Method blanks were prepared for every preparation to assess possible blank contribution from the sample preparation procedure. The method blanks were carried through the entire analytical procedure. All blanks fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

Liquid spikes, certified reference material (CRM) or a quality control samples (QCS) were prepared for every preparation as a measure of accuracy. All liquid spikes, CRMs and/or QCS samples fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

As an additional measure of the accuracy of the methods used and to check for matrix interference, matrix spikes (MS) and matrix spike duplicates (MSD) were digested and analyzed. All of the matrix spike recoveries fell within the established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

A reasonable measure of the precision of the analytical methods is the relative percent difference (RPD) between a matrix spike recovery and a matrix spike duplicate recovery and between laboratory control sample recovery and laboratory control sample duplicate recoveries. All of the relative percent differences fell within established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager





Frontier Global Sciences

Sample Receipt Checklist

Client: PA - Pittsburgh Date & Time Received: 9/18/21 10:10 Date Labeled: 9/16/21 Labeled By: h
 Matrix: Water Received By: Y Label Verified By: U/L 9/16/21

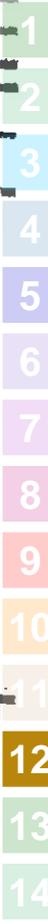
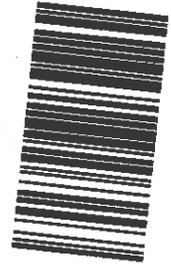
of Coolers Received: 1 Samples Arrived By: Y Shipping Service _____ Courier _____ Hand _____ Other (Specify): _____
 Coolant: None/Ambient Loose Ice Gel Ice Dry Ice Coolant Required: Y/N Temp Blank Used: Y/N for Cooler(s): _____

Notify Project Manager if packages/coolers are received without coolant or with thawed coolant and at a temperature in excess of 6°C. PM notified: Y/N
 Samples from Wisconsin have special requirements. Shipment received includes samples from Wisconsin: Y/N

Cooler Information:	Y/N/NA	Comments
One coolers do not appear to be tampered with:	<u>Y</u>	
Custody Seals are present and intact:	<u>Y</u>	
Custody seals signed:	<u>Y</u>	

Chain of Custody:	Y/N/NA	Comments
Sample ID/Description:	<u>Y</u>	
Date and time of collection:	<u>Y</u>	
Sample ID on container/bag matches COC:	<u>Y</u>	
Correct sample containers used:	<u>Y</u>	
Samples received within holding times:	<u>Y</u>	
Sample volume sufficient for requested analyses:	<u>Y</u>	
Correct preservative used for requested analyses:	<u>Y</u>	
Normalies/Non-conformances (attach additional pages if needed):	<u>N/A</u>	

1100079



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Carrier Tracking No(s):		COC No:	
Client Contact: Shipping/Receiving		Phone:		Brown, Shall		State of Origin:		180-443876.1	
Company: Eurofins Frontier Global Sciences LLC		E-Mail: Shall.Brown@Eurofinset.com		Georgia		Page:		Page 1 of 1	
Address: 5755 8th Street E, Tacoma State Zip: WA, 98424 Phone:		Due Date Requested: 9/24/2021		TAT Requested (days):		Job #:		180-126893-1	
Email:		PO #:		WO #:		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:	
Project Name: CCR - Plant Arkwright		Project #: 18020201		SSOW#:		Analysis Requested		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)	
Site: Arkwright		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, B=soil, O=wastewat, I=In-Tank, A=Air)	
Sample Identification - Client ID (Lab ID)		9/9/21		09:10 Eastern		Water		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> X Sub (1632 Arsenic Speciation III and IV) 1632 Arsenic Speciation III and IV <input checked="" type="checkbox"/> X Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> X Total Number of Containers <input checked="" type="checkbox"/> X	
FB-1 (180-126893-3)								Special Instructions/Note: 1632 Arsenic Speciation III and IV	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analysis & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

Possible Hazard Identification		Special Instructions/QC Requirements: 5173 0440 1206	
Unconfirmed		Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2	
Empty Kit Relinquished by:		Date: 9/15/21 1700	
Relinquished by: Mo		Date/Time: 9/16/21 10:30	
Relinquished by:		Date/Time:	
Relinquished by:		Date/Time:	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No: NA	
Cooler Temperature(s) °C and Other Remarks: -0.8		Company: KPLS	



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126893-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

FB-1 (180-126893-3)
1100079-01

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: [CALC]											
Arsenate (as Arsenic)	0.436	0.345	0.500	µg/L	25	[CALC]	27-Sep-21		27-Sep-21	EPA 1632	J
Sample Preparation: EFGS SOP2987 EPA 1632 Speciation of Waters											
Arsenite (as Arsenic)	ND	0.255	0.500	µg/L	25	F109406	19-Sep-21	1120026	19-Sep-21	EPA 1632	U
Inorganic Arsenic	0.436	0.345	0.500	µg/L	25	F109409	27-Sep-21	1128021	27-Sep-21	EPA 1632	J

Eurofins Frontier Global Sciences, LLC

Patrick Garcia-Strickland, Business Unit Manager

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Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126893-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F109406 - EFGS SOP2987 EPA 1632 Speciation of Waters

Blank (F109406-BLK1)					Prepared & Analyzed: 19-Sep-21						
Arsenite (as Arsenic)	ND	0.010	0.020	µg/L							U
Blank (F109406-BLK2)					Prepared & Analyzed: 19-Sep-21						
Arsenite (as Arsenic)	ND	0.010	0.020	µg/L							U
LCS (F109406-BS1)					Prepared & Analyzed: 19-Sep-21						
Arsenite (as Arsenic)	0.252	0.010	0.020	µg/L	0.25025		101	30-170			
LCS Dup (F109406-BSD1)					Prepared & Analyzed: 19-Sep-21						
Arsenite (as Arsenic)	0.259	0.010	0.020	µg/L	0.25025		104	30-170	2.83	35	
Matrix Spike (F109406-MS1)					Source: 1H00160-01		Prepared & Analyzed: 19-Sep-21				
Arsenite (as Arsenic)	6.387	0.255	0.500	µg/L	6.2562	ND	102	30-170			
Matrix Spike (F109406-MS2)					Source: 1H00160-02		Prepared & Analyzed: 19-Sep-21				
Arsenite (as Arsenic)	7.989	0.255	0.500	µg/L	6.2562	0.452	120	30-170			
Matrix Spike Dup (F109406-MSD1)					Source: 1H00160-01		Prepared & Analyzed: 19-Sep-21				
Arsenite (as Arsenic)	7.129	0.255	0.500	µg/L	6.2562	ND	114	30-170	11.0	35	
Matrix Spike Dup (F109406-MSD2)					Source: 1H00160-02		Prepared & Analyzed: 19-Sep-21				
Arsenite (as Arsenic)	7.164	0.255	0.500	µg/L	6.2562	0.452	107	30-170	10.9	35	

Batch F109409 - EFGS SOP2987 EPA 1632 Speciation of Waters

Blank (F109409-BLK1)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.017	0.014	0.020	µg/L							J

Eurofins Frontier Global Sciences, LLC

Patrick Garcia-Strickland, Business Unit Manager

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Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126893-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F109409 - EFGS SOP2987 EPA 1632 Speciation of Waters

Blank (F109409-BLK2)				Prepared & Analyzed: 27-Sep-21							
Inorganic Arsenic	0.017	0.014	0.020	µg/L							J
LCS (F109409-BS1)				Prepared & Analyzed: 27-Sep-21							
Inorganic Arsenic	0.271	0.014	0.020	µg/L	0.25050		108	50-150			
LCS Dup (F109409-BSD1)				Prepared & Analyzed: 27-Sep-21							
Inorganic Arsenic	0.281	0.014	0.020	µg/L	0.25050		112	50-150	3.49	35	
Matrix Spike (F109409-MS1)				Source: H100075-01 Prepared & Analyzed: 27-Sep-21							
Inorganic Arsenic	5.943	0.345	0.500	µg/L	6.2625	0.436	87.9	50-150			
Matrix Spike (F109409-MS2)				Source: H100078-01RE1 Prepared & Analyzed: 27-Sep-21							
Inorganic Arsenic	38.05	0.690	1.00	µg/L	5.0100	32.83	104	50-150			
Matrix Spike Dup (F109409-MSD1)				Source: H100075-01 Prepared & Analyzed: 27-Sep-21							
Inorganic Arsenic	6.577	0.345	0.500	µg/L	6.2625	0.436	98.1	50-150	10.1	35	
Matrix Spike Dup (F109409-MSD2)				Source: H100078-01RE1 Prepared & Analyzed: 27-Sep-21							
Inorganic Arsenic	36.96	0.690	1.00	µg/L	5.0100	32.83	82.5	50-150	2.92	35	



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126893-1
Project Manager: Shali Brown

Reported:
29-Sep-21 11:12

Notes and Definitions

- U Analyte was not detected and is reported as less than the LOD or as defined by the client. The LOD has been adjusted for any dilution or concentration of the sample.
- J The result is an estimated concentration.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the method detection limit if reported to the MDL or above the reporting limit if reported to the MRL.
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Eurofins Frontier Global Sciences, LLC

Patrick Garcia-Strickland, Business Unit Manager

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Frontier Global Sciences

5755 8th Street East
Tacoma, WA 98424
Phone: (253) 922-2310

29 September 2021

Shali Brown
Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
RE: Arsenic Speciation

Enclosed are the analytical results for samples received by Eurofins Frontier Global Sciences. All quality control measurements are within established control limits and there were no analytical difficulties encountered with the exception of those listed in the case narrative section of this report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Patrick Garcia-Strickland
Business Unit Manager





Frontier Global Sciences

5755 8th Street East
Tacoma, WA 98424
Phone: (253) 922-2310

Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126808-1
Project Manager: Shali Brown

Reported:
29-Sep-21 16:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EB-1 (180-126808-1)	1100080-01	Water	08-Sep-21 08:55	16-Sep-21 10:10

Eurofins Frontier Global Sciences, LLC

Patrick Garcia-Strickland, Business Unit Manager

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126808-1
Project Manager: Shali Brown

Reported:
29-Sep-21 16:32

SAMPLE RECEIPT

Samples were received at Eurofins Frontier Global Sciences (EFGS) on 16-Sep-21 10:10. The samples were received intact, on-ice within a sealed cooler at

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	-0.6

SAMPLE PREPARATION AND ANALYSIS

Samples were prepared and analyzed for inorganic arsenic speciation by hydride generation cryogenic trapping gas chromatography atomic absorption spectrometry (HG-CT-GC-AAS) in accordance with EPA 1632.

ANALYTICAL AND QUALITY CONTROL ISSUES

Method blanks were prepared for every preparation to assess possible blank contribution from the sample preparation procedure. The method blanks were carried through the entire analytical procedure. All blanks fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

Liquid spikes, certified reference material (CRM) or a quality control samples (QCS) were prepared for every preparation as a measure of accuracy. All liquid spikes, CRMs and/or QCS samples fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

As an additional measure of the accuracy of the methods used and to check for matrix interference, matrix spikes (MS) and matrix spike duplicates (MSD) were digested and analyzed. All of the matrix spike recoveries fell within the established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

A reasonable measure of the precision of the analytical methods is the relative percent difference (RPD) between a matrix spike recovery and a matrix spike duplicate recovery and between laboratory control sample recovery and laboratory control sample duplicate recoveries. All of the relative percent differences fell within established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager





Frontier Global Sciences

Sample Receipt Checklist

Client: TA - Pittsburg Date & Time Received: 5/18/21 10:10 Date Labeled: 9/16/21 Labeled By: N

Matrix: Water Received By: N

of Coolers Received: 1 Samples Arrived By: Y Shipping Service Hand Courier Hand Other (Specify): Label Verified By: VLJL 9/16/21

Coolant: None/Ambient Loose Ice Gel Ice Dry Ice Coolant Required: Y/N Temp Blank Used: Y/N for Cooler(s):

Notify Project Manager if packages/coolers are received without coolant or with thawed coolant and at a temperature in excess of 6°C. PM notified: Y/N

Samples from Wisconsin have special requirements. Shipment received includes samples from Wisconsin: Y/N

Cooler Information:	Y/N/NA	Comments
No coolers do not appear to be tampered with:	<u>Y</u>	
Custody Seals are present and intact:	<u>Y</u>	
Custody seals signed:	<u>Y</u>	

Chain of Custody:	Y/N/NA	Comments
Sample ID/Description:	<u>Y</u>	
Date and time of collection:	<u>Y</u>	
Sampled by:	<u>N</u>	
Reservation type:	<u>Y</u>	
Requested analyses:	<u>Y</u>	
Required signatures:	<u>Y</u>	
Terminal COC required:	<u>NA</u>	

Sample Condition/Integrity:	Y/N/NA	Comments
Sample containers intact/present:	<u>Y</u>	
Sample labels are present and legible:	<u>Y</u>	
Sample ID on container/bag matches COC:	<u>Y</u>	
Correct sample containers used:	<u>Y</u>	
Samples received within holding times:	<u>Y</u>	
Sample volume sufficient for requested analyses:	<u>Y</u>	
Correct preservative used for requested analyses:	<u>Y</u>	

1100080



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: Lab PM: Brown, Shall		Carrier Tracking No(s): COC No: 180-443892-1	
Client Contact: Shipping/Receiving		Phone: E-Mail: Shalli.Brown@Eurofinset.com		Page: Page 1 of 1	
Company: Eurofins Frontier Global Sciences LLC		Address: 5755 8th Street E, Tacoma WA, 98424		Job #: 180-126808-1	
Due Date Requested: 9/23/2021		TAT Requested (days):		Preservation Codes: 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 X - EDTA L - EDA Other:	
PO #:		WO #:		Analysis Requested	
Project #: 18020201		Plant Arkwright AP-2DAS		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/>	
Site: Arkwright		Sample Date: 9/8/21		SUB (1632 Arsenic Speciation III and IV) <input checked="" type="checkbox"/>	
Sample Time: 08:55 Eastern		Sample Type (C=Comp, G=grab)		Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/>	
Matrix (W=water, S=solid, O=organic, A=air)		Preservation Code: Water		Total Number of Containers: 1	
Sample Identification - Client ID (Lab ID): EB-1 (180-126808-1)		Special Instructions/Note: 1632 Arsenic Speciation III and IV			

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2
 Empty Kit Relinquished by: MVB
 Relinquished by: MVB
 Relinquished by: MVB
 Relinquished by: MVB
 Custody Seals Intact: Yes No
 Custody Seal No.: N/A

Special Instructions/QC Requirements: 5173 CUMM V206
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For Months

Method of Shipment: 5173 CUMM V206
 Date/Time: 9/15/21 17:00
 Date/Time: 9/16/21 17:00
 Date/Time: 9/16/21 17:00
 Date/Time: 9/16/21 17:00
 Cooler Temperature(s) °C and Other Remarks: -0.6





Eurofins TestAmerica - Pittsburgh 301 Alpha Drive RIDC Park Pittsburgh PA, 15238	Project: Arsenic Speciation Project Number: 180-126808-1 Project Manager: Shali Brown	Reported: 29-Sep-21 16:32
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EB-1 (180-126808-1)
1100080-01

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: [CALC]											
Arsenate (as Arsenic)	0.436	0.345	0.500	µg/L	25	[CALC]	28-Sep-21		28-Sep-21	EPA 1632	J
Sample Preparation: EFGS SOP2987 EPA 1632 Speciation of Waters											
Arsenite (as Arsenic)	ND	0.255	0.500	µg/L	25	F109428	28-Sep-21	1129019	28-Sep-21	EPA 1632	U
Inorganic Arsenic	0.436	0.345	0.500	µg/L	25	F109409	27-Sep-21	1128021	27-Sep-21	EPA 1632	J

Eurofins Frontier Global Sciences, LLC

Patrick Garcia-Strickland, Business Unit Manager

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Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126808-1
Project Manager: Shali Brown

Reported:
29-Sep-21 16:32

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1128021 - F109409

Cal Standard (1128021-CAL1)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.027	-		µg/L	0.020040		133				
Cal Standard (1128021-CAL2)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.035	-		µg/L	0.050100		70.6				
Cal Standard (1128021-CAL3)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.128	-		µg/L	0.10020		128				
Cal Standard (1128021-CAL4)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.229	-		µg/L	0.25050		91.3				
Cal Standard (1128021-CAL5)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.494	-		µg/L	0.50100		98.5				
Cal Standard (1128021-CAL6)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.808	-		µg/L	0.80160		101				
Calibration Blank (1128021-CCB1)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.031	-		µg/L							QB-10
Calibration Blank (1128021-CCB2)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.017	-		µg/L							
Calibration Blank (1128021-CCB3)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.017	-		µg/L							
Calibration Blank (1128021-CCB4)					Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	0.017	-		µg/L							



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126808-1
Project Manager: Shali Brown

Reported:
29-Sep-21 16:32

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1128021 - F109409

Calibration Check (1128021-CCV1) Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	0.507	-		µg/L	0.50000		101	80-120			
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Calibration Check (1128021-CCV2) Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	0.470	-		µg/L	0.50000		94.0	80-120			
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Calibration Check (1128021-CCV3) Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	0.487	-		µg/L	0.50000		97.4	80-120			
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Calibration Check (1128021-CCV4) Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	0.563	-		µg/L	0.50000		113	80-120			
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High Cal Check (1128021-HCV1) Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	1.059	-		µg/L	1.0020		106	0-200			
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Initial Cal Blank (1128021-ICB1) Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	0.017	-		µg/L							
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Initial Cal Check (1128021-ICV1) Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	0.459	-		µg/L	0.50000		91.8	80-120			
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Batch 1129019 - F109428

Cal Standard (1129019-CAL1) Prepared & Analyzed: 28-Sep-21

Arsenite (as Arsenic)	0.020	-		µg/L	0.020020		99.2				
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Cal Standard (1129019-CAL2) Prepared & Analyzed: 28-Sep-21

Arsenite (as Arsenic)	0.047	-		µg/L	0.050050		93.7				
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Eurofins Frontier Global Sciences, LLC

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Patrick Garcia-Strickland, Business Unit Manager



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126808-1
Project Manager: Shali Brown

Reported:
29-Sep-21 16:32

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1129019 - F109428											
Cal Standard (1129019-CAL3)					Prepared & Analyzed: 28-Sep-21						
Arsenite (as Arsenic)	0.115	-		µg/L	0.10010		115				
Cal Standard (1129019-CAL4)					Prepared & Analyzed: 28-Sep-21						
Arsenite (as Arsenic)	0.220	-		µg/L	0.25025		87.9				
Cal Standard (1129019-CAL5)					Prepared & Analyzed: 28-Sep-21						
Arsenite (as Arsenic)	0.515	-		µg/L	0.50050		103				
Cal Standard (1129019-CAL6)					Prepared & Analyzed: 28-Sep-21						
Arsenite (as Arsenic)	0.821	-		µg/L	0.80080		103				
Cal Standard (1129019-CAL7)					Prepared & Analyzed: 28-Sep-21						
Arsenite (as Arsenic)	0.982	-		µg/L	1.0010		98.1				
Calibration Blank (1129019-CCB1)					Prepared & Analyzed: 28-Sep-21						
Arsenite (as Arsenic)	0.011	-		µg/L							
Calibration Blank (1129019-CCB2)					Prepared & Analyzed: 28-Sep-21						
Arsenite (as Arsenic)	0.003	-		µg/L							
Calibration Blank (1129019-CCB3)					Prepared & Analyzed: 28-Sep-21						
Arsenite (as Arsenic)	0.003	-		µg/L							
Calibration Blank (1129019-CCB4)					Prepared & Analyzed: 28-Sep-21						
Arsenite (as Arsenic)	0.003	-		µg/L							
Calibration Check (1129019-CCV1)					Prepared & Analyzed: 28-Sep-21						
Arsenite (as Arsenic)	0.490	-		µg/L	0.50000		98.1	70-130			



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126808-1
Project Manager: Shali Brown

Reported:
29-Sep-21 16:32

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1129019 - F109428

Calibration Check (1129019-CCV2)

Prepared & Analyzed: 28-Sep-21

Arsenite (as Arsenic)	0.500	-		µg/L	0.50000		100	70-130			
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Calibration Check (1129019-CCV3)

Prepared & Analyzed: 28-Sep-21

Arsenite (as Arsenic)	0.511	-		µg/L	0.50000		102	70-130			
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Initial Cal Blank (1129019-ICB1)

Prepared & Analyzed: 28-Sep-21

Arsenite (as Arsenic)	0.024	-		µg/L							QB-10
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Initial Cal Check (1129019-ICV1)

Prepared & Analyzed: 28-Sep-21

Arsenite (as Arsenic)	0.539	-		µg/L	0.50000		108	70-130			
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Batch F109409 - EFGS SOP2987 EPA 1632 Speciation of Waters

Blank (F109409-BLK1)

Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	0.017	0.014	0.020	µg/L							J
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Blank (F109409-BLK2)

Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	0.017	0.014	0.020	µg/L							J
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LCS (F109409-BS1)

Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	0.271	0.014	0.020	µg/L	0.25050		108	50-150			
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LCS Dup (F109409-BSD1)

Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	0.281	0.014	0.020	µg/L	0.25050		112	50-150	3.49	35	
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Matrix Spike (F109409-MS1)

Source: 1100075-01

Prepared & Analyzed: 27-Sep-21

Inorganic Arsenic	5.943	0.345	0.500	µg/L	6.2625	0.436	87.9	50-150			
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Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126808-1
Project Manager: Shali Brown

Reported:
29-Sep-21 16:32

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F109409 - EFGS SOP2987 EPA 1632 Speciation of Waters

Matrix Spike (F109409-MS2)		Source: 1100078-01RE1			Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	38.05	0.690	1.00	µg/L	5.0100	32.83	104	50-150			
Matrix Spike Dup (F109409-MSD1)		Source: 1100075-01			Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	6.577	0.345	0.500	µg/L	6.2625	0.436	98.1	50-150	10.1	35	
Matrix Spike Dup (F109409-MSD2)		Source: 1100078-01RE1			Prepared & Analyzed: 27-Sep-21						
Inorganic Arsenic	36.96	0.690	1.00	µg/L	5.0100	32.83	82.5	50-150	2.92	35	

Batch F109428 - EFGS SOP2987 EPA 1632 Speciation of Waters

Blank (F109428-BLK1)		Prepared & Analyzed: 28-Sep-21										
Arsenite (as Arsenic)	ND	0.010	0.020	µg/L								U
LCS (F109428-BS1)		Prepared & Analyzed: 28-Sep-21										
Arsenite (as Arsenic)	0.265	0.010	0.020	µg/L	0.25025		106	30-170				
LCS Dup (F109428-BSD1)		Prepared & Analyzed: 28-Sep-21										
Arsenite (as Arsenic)	0.322	0.010	0.020	µg/L	0.25025		129	30-170	19.5	35		
Matrix Spike (F109428-MS1)		Source: 1100147-02			Prepared & Analyzed: 28-Sep-21							
Arsenite (as Arsenic)	35.04	1.02	2.00	µg/L	10.010	27.40	76.2	30-170				
Matrix Spike Dup (F109428-MSD1)		Source: 1100147-02			Prepared & Analyzed: 28-Sep-21							
Arsenite (as Arsenic)	37.67	1.02	2.00	µg/L	10.010	27.40	103	30-170	7.25	35		



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126808-1
Project Manager: Shali Brown

Reported:
29-Sep-21 16:32

Notes and Definitions

- U Analyte was not detected and is reported as less than the LOD or as defined by the client. The LOD has been adjusted for any dilution or concentration of the sample.
- QB-10 The method blank and/or initial/continuing calibration blank contains analyte at a concentration above the MRL. Only report sample results greater than 10 times the contamination value (QB-01), or samples less than the MRL (QB-02).
- QB-02 The method blank and/or initial/continuing calibration blank contains analyte at a concentration above the MRL. However, the sample concentrations are less than the MRL.
- QB-01 The method blank and/or initial/continuing calibration blank contains analyte at a concentration above the MRL. However, the blank concentration(s) are less than 10% of the sample result.
- J The result is an estimated concentration.
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the method detection limit if reported to the MDL or above the reporting limit if reported to the MRL.
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



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180-126791 Waybill

FedEx
 TRK# 1516 9332 3603
NA AGCA

WED - 08 SEP 10 30
 PRIORITY OVERNIGHT

PA-US

15238

Unchecked temp
 Thermometer ID 16
 CF AS Initials
 PT-WT-SR-001, effective 11/8/18

NS138334 09/07 850J3/1598/TF48



eurofins

Environment Testing
TestAmerica

ORIGIN ID: LIVA (770) 421-3365
DAVID FULLER PICKING UP
WOOD E&I
1075 BIG SHANTY ROAD N.W., SUITE 10
KENNESAW, GA 30144
UNITED STATES US

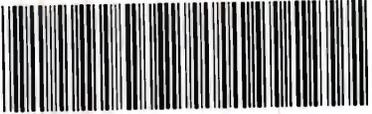
SHIP DATE: 27 AUG 21
ACTWGT: 10.00 LB
CAD: 859116/CAFE3405

TO **SAMPLE RECEIVING**
ETA PITTSBURGH
301 ALPHA DR

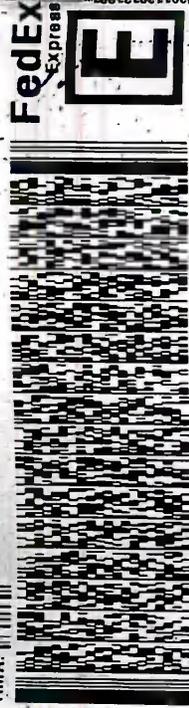
PITTSBURGH PA 15238

(412) 963-7058
REF: S180-73954

FMA: ||| ||| |||



180-126808 Waybill



FedEx

TRK# 1516 9332 3625

THU - 09 SEP 10:30A
PRIORITY OVERNIGHT

NA AGCA

15238
PA-US PIT

Uncorrected temp: 3.5 °C
Thermometer ID: 16

CF: O Initials: S

PT-WI-SR-001 effective 11/01/18

#5138334 09/08 56D.J3/169R/FE4A

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180-126893 Waybill

Environ
TestA

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FedEx
Express

FRI - 10 SEP 10:30A
PRIORITY OVERNIGHT

15238
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PA-UB

NA AGCA

Uncorrected temp
Thermometer ID

Initials

PT-WI-SR-001 effective 11/8/18

44067197 09/09 56DJ9/169R/FE49

10:30
09:10
3670

Rt 98
FZ

1516 9332 3670

10221

EXP 08/22

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180-126896 Waybill

TO
SHIPPER'S USE ONLY
DATE
TIME

EU 201

102389907

FEDERAL EXPRESS

RETURNS TO: NC - 28104
FRI - 10 SEP 11
PRIORITY OVERNIGHT
PA-US 15238
PIT

#27301
CITY 00015
AGCA
Unrec'd temp
Thermometer ID
Initials
CF
PT-WT-SR-001 effective 11/18/18
TEL: 1-800-371-0701

#102389907

Special PRIORITY OVERNIGHT Member 1516 9332 3599
Track: 1516 9332 3706

Part # 159469-434 RIT2 EXP 06/22



Environment Testing
TestAmerica

ORIGIN ID: LIYA (770) 421-3365
DAVID FULLER PICKING UP
WOOD E&I

SHIP DATE: 27AUG21
ACTWTG: 10.00 LB MAN
CAD: 859116/CAFE3409

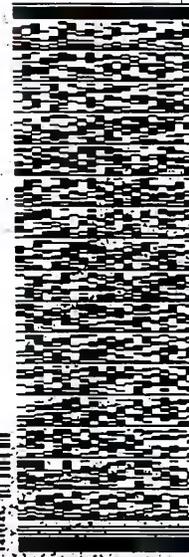
1075 BIG SHANTY ROAD N.W., SUITE 10
KENNESAW, GA 30144
UNITED STATES US

TO: **SAMPLE RECEIVING**
ETA PITTSBURGH
301 ALPHA DR

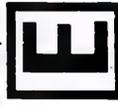
PITTSBURGH PA 15238

(412) 963-7058
REF: S180-73954

FINA: III III III



FedEx
Express



FedEx

TRK# 1516 9332 3706

SATURDAY 12:00P T
PRIORITY OVERNIGHT T

XO AGCA

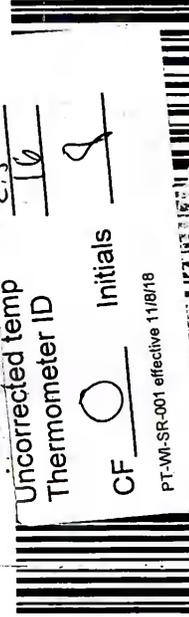
15238 3
PA-US PIT

Uncorrected temp
Thermometer ID

2.5 °C

CF O Initials S

PT-WI-SR-001 effective 11/8/16



180-126951 Waybill

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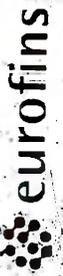
0.00
0.00
0.00

SPECIAL:
HANDLING:
TOTAL:

Wgt: 10.00 LBS
DV: 0.00

Svc: PRIORITY OVERNIGHT Meter 1516 9332 3599
Track: 1516 9332 3691

Part # 159469-434 RIT2 EXP 06/22



Environment Testing
TestAmerica

ORIGIN ID: LIYA (770) 421-3365
DAVID FULLER PICKING UP
WOOD E&I
1075 BIG SHANTY ROAD N.W., SUITE 10
KENNESAW, GA 30144
UNITED STATES US

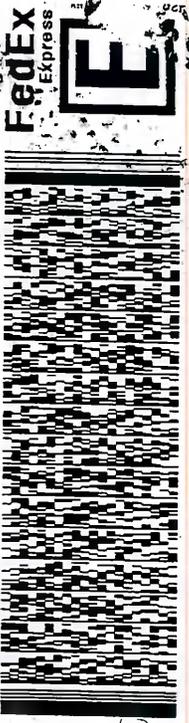
SHIP DATE: 27AUG21
ACTVCT: 10 COUBRAN
CAD: 859116/CAFE3409

TO SAMPLE RECEIVING
ETA PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

(412) 863-7068
REF: S180 - 73954

RMA: ||| ||| |||



FedEx
TRK# 1516 9332 3691
0221

SATURDAY 12:00P
PRIORITY OVERNIGHT

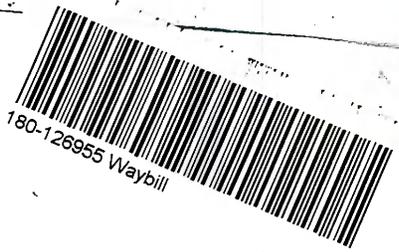
XO AGCA

15238
PA-US
PIT

Uncorrected temp
Thermometer ID

CF 0 Initials [Signature]

PT-WI-SR-001 effective 11/8/18



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Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-1

Login Number: 126791

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-1

Login Number: 126808

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-1

Login Number: 126893

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-1

Login Number: 126896

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-1

Login Number: 126951

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-1

Login Number: 126955

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-126791-2

Client Project/Site: Plant Arkwright AP-2 DAS

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
11/4/2021 6:36:31 PM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

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.

PA Lab ID: 02-00416

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Case Narrative

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Job ID: 180-126791-2

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

Job Narrative 180-126791-2

Comments

No additional comments.

Receipt

The samples were received on 9/8/2021 10:30 AM, 9/9/2021 10:00 AM, 9/10/2021 9:00 AM and 9/11/2021 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 2.5° C, 2.5° C, 2.8° C, 3.5° C, 3.7° C and 4.1° C.

RAD

Methods 903.0, 9315: Radium 226 prep batch 160-527855

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. ARGWC-23 (180-126893-1), ARAMW-8 (180-126893-2), FB-1 (180-126893-3), (LCS 160-527855/1-A), (LCSD 160-527855/2-A) and (MB 160-527855/23-A)

Methods 903.0, 9315: Radium 226 prep batch 160-527459

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. ARGWC-21 (180-126808-3), (LCS 160-527459/1-A), (LCSD 160-527459/2-A) and (MB 160-527459/23-A)

Methods 903.0, 9315: Radium-226 Batch 6527079

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. EB-1 (180-126808-1), ARGWA-20 (180-126808-2), (LCS 160-527079/1-A) and (MB 160-527079/24-A)

Method 9315: Ra226 527855

The barium carrier recovery was outside the upper control limit of 110% (127%) for sample FB-1 (180-126893-3) in batch 160-527855. The sample has been truncated to minimize any potential bias a high carrier recovery may have on the results.

Methods 903.0, 9315: The method blank ((MB 160-528289/23-A)) z-score associated with analysis batch 160-528289 is within limits and is stored in the level IV raw data.

Methods 903.0, 9315: Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. ARAMW-1 (180-126896-1)

Methods 903.0, 9315: Radium 226 batch 528331

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

ARAMW-2 (180-126951-1), DUP-1 (180-126951-2), ARGWC-22 (180-126955-1), ARAMW-7 (180-126955-2), (LCS 160-528331/1-A), (LCSD 160-528331/2-A) and (MB 160-528331/23-A)

Methods 903.0, 9315: Radium 226 batch 527062

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date ARGWA-19 (180-126791-1), (LCS 160-527062/1-A), (LCSD 160-527062/2-A) and (MB 160-527062/23-A)

Methods 904.0, 9320: Radium 228 Prep batch 160-527070

Case Narrative

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Job ID: 180-126791-2 (Continued)

Laboratory: Eurofins TestAmerica, Pittsburgh (Continued)

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. ARGWA-19 (180-126791-1), (LCS 160-527070/1-A), (LCSD 160-527070/2-A) and (MB 160-527070/23-A)

Methods 904.0, 9320: Radium-228 Batch 527862

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. ARGWC-23 (180-126893-1), ARAMW-8 (180-126893-2), FB-1 (180-126893-3), (LCS 160-527862/1-A), (LCSD 160-527862/2-A) and (MB 160-527862/23-A)

Methods 904.0, 9320: Radium 228 prep batch 160-527215

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. EB-1 (180-126808-1), ARGWA-20 (180-126808-2), (LCS 160-527215/1-A) and (MB 160-527215/24-A)

Methods 904.0, 9320: Radium 228 prep batch 160-527215

The daily background (CCB) was outside the upper QC criteria for the detector the LCS was run on. However the tracer recovery was within control limits and the LCS recovery was within its acceptable QC limits indicating no adverse affect from the potential bias. (LCS 160-527215/1-A)

Methods 904.0, 9320: Radium 228 prep batch 160-527463

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. ARGWC-21 (180-126808-3), (LCS 160-527463/1-A), (LCSD 160-527463/2-A) and (MB 160-527463/23-A)

Methods 904.0, 9320: Ra228 527463

The bracketing daily check, associated with (LCS 160-527463/1-A) in batch 160-527463, was slightly high for beta deviation. The spike recovery was within limits, demonstrating acceptable method performance and the instrument daily checks were within criteria on the day of the count. As such, this excursion does not appear to have adversely affected the data; therefore, the results are reported as achieved.

Methods 904.0, 9320: Ra-228 batch 160-528337

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. ARAMW-2 (180-126951-1), DUP-1 (180-126951-2), ARGWC-22 (180-126955-1), ARAMW-7 (180-126955-2), (LCS 160-528337/1-A), (LCSD 160-528337/2-A) and (MB 160-528337/23-A)

Methods 904.0, 9320: Radium 228 batch 533805

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date. ARAMW-1 (180-126896-1), (LCS 160-533805/1-A), (LCSD 160-533805/2-A) and (MB 160-533805/16-A)

Method PrecSep_0: Ra-228 Batch 160-527070:

Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: ARGWA-19 (180-126791-1). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep_0: Ra-228 Batch 160-527463:

Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: ARGWC-21 (180-126808-3). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep_0: Radium-228 Prep Batch 528290

Insufficient sample volume was available to perform a sample duplicate for the following samples: ARAMW-1 (180-126896-1). A laboratory

Case Narrative

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Job ID: 180-126791-2 (Continued)

Laboratory: Eurofins TestAmerica, Pittsburgh (Continued)

control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep_0: Radium-228 Prep Batch 160-528337

Insufficient sample volume was available to perform a sample duplicate for the following samples: ARAMW-2 (180-126951-1), DUP-1 (180-126951-2), ARGWC-22 (180-126955-1) and ARAMW-7 (180-126955-2). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep_0: Radium 228 prep batch 160-527862

The Barium carrier recovery is outside the upper control limit (110%) for the following sample: FB-1 (180-126893-3). During the barium sulfate precipitation it was observed that this sample was much larger than that of the QC sample(s) and when plated and weighed it was above the highest acceptable threshold for this test.

Method PrecSep_0: Radium-228 Prep Batch 160-533805

Insufficient sample volume was available to perform a sample duplicate for the following samples: ARAMW-1 (180-126896-1). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Ra-226 Batch 160-527062:

Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: ARGWA-19 (180-126791-1). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Ra-226 Batch 160-527459:

Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: ARGWC-21 (180-126808-3). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium-226 Prep Batch 160-527855:

Insufficient sample volume was available to perform a sample duplicate for the following samples: ARGWC-23 (180-126893-1), ARAMW-8 (180-126893-2) and FB-1 (180-126893-3). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium-226 Prep Batch 160-528289

Insufficient sample volume was available to perform a sample duplicate for the following samples: ARAMW-1 (180-126896-1). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium-226 Prep Batch 160-528331

Insufficient sample volume was available to perform a sample duplicate for the following samples: ARAMW-2 (180-126951-1), DUP-1 (180-126951-2), ARGWC-22 (180-126955-1) and ARAMW-7 (180-126955-2). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium 226 prep batch 160-527855

The Barium carrier recovery is outside the upper control limit (110%) for the following sample: FB-1 (180-126893-3). During the barium sulfate precipitation it was observed that this sample was much larger than that of the QC sample(s) and when plated and weighed it was above the highest acceptable threshold for this test.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method NONE: preparation batch 160-533957 and analytical batch 160-534474 The following sample was diluted due to the nature of the sample matrix: sample is Rad nativesFB-1 (180-126893-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Field Service / Mobile Lab

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.
X	Carrier 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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Laboratory: Eurofins TestAmerica, Pittsburgh

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-21 *
California	State	2891	04-30-22
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	09-14-21
Georgia	State	PA 02-00416	09-14-21
Illinois	NELAP	004375	09-14-21
Kansas	NELAP	E-10350	09-14-21
Kentucky (UST)	State	162013	04-30-22
Kentucky (WW)	State	KY98043	12-31-21
Louisiana	NELAP	04041	09-14-21
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	09-14-21
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-05-22
New Jersey	NELAP	PA005	09-14-21
New York	NELAP	11182	09-14-21
North Carolina (WW/SW)	State	434	12-31-21
North Dakota	State	R-227	09-14-21
Oregon	NELAP	PA-2151	02-06-22
Pennsylvania	NELAP	02-00416	09-14-21
Rhode Island	State	LAO00362	12-31-21
South Carolina	State	89014	04-30-22
Texas	NELAP	T104704528	09-14-21
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	09-14-21
Virginia	NELAP	10043	09-14-21
West Virginia DEP	State	142	09-14-21
Wisconsin	State	998027800	08-31-22

Laboratory: Eurofins TestAmerica, St. Louis

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-22
ANAB	Dept. of Defense ELAP	L2305	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-21
California	Los Angeles County Sanitation Districts	10259	06-30-22
California	State	2886	06-30-21 *
Connecticut	State	PH-0241	03-31-23
Florida	NELAP	E87689	06-30-22
HI - RadChem Recognition	State	n/a	06-30-22
Illinois	NELAP	200023	11-30-22
Iowa	State	373	12-01-22
Kansas	NELAP	E-10236	10-31-21 *
Kentucky (DW)	State	KY90125	01-01-22
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-21

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

Eurofins TestAmerica, Pittsburgh

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Laboratory: Eurofins TestAmerica, St. Louis (Continued)

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

Authority	Program	Identification Number	Expiration Date
Louisiana	NELAP	04080	06-30-22
Louisiana (DW)	State	LA011	12-31-21
Maryland	State	310	09-30-22
MI - RadChem Recognition	State	9005	06-30-22
Missouri	State	780	06-30-22
Nevada	State	MO000542020-1	07-31-22
New Jersey	NELAP	MO002	06-30-22
New York	NELAP	11616	04-01-22
North Dakota	State	R-207	06-30-22
NRC	NRC	24-24817-01	12-31-22
Oklahoma	State	9997	08-31-22
Oregon	NELAP	4157	09-01-22
Pennsylvania	NELAP	68-00540	03-01-22
South Carolina	State	85002001	06-30-22
Texas	NELAP	T104704193	07-31-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-17-00028	03-11-23
Utah	NELAP	MO000542021-14	08-01-22
Virginia	NELAP	10310	06-14-22
Washington	State	C592	08-30-22
West Virginia DEP	State	381	10-31-22

Sample Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-126791-1	ARGWA-19	Water	09/07/21 16:08	09/08/21 10:30
180-126808-1	EB-1	Water	09/08/21 08:55	09/09/21 10:00
180-126808-2	ARGWA-20	Water	09/08/21 13:52	09/09/21 10:00
180-126808-3	ARGWC-21	Water	09/08/21 16:30	09/09/21 10:00
180-126893-1	ARGWC-23	Water	09/09/21 11:36	09/10/21 09:00
180-126893-2	ARAMW-8	Water	09/09/21 14:16	09/10/21 09:00
180-126893-3	FB-1	Water	09/09/21 09:10	09/10/21 09:00
180-126896-1	ARAMW-1	Water	09/09/21 15:10	09/10/21 09:00
180-126951-1	ARAMW-2	Water	09/10/21 11:55	09/11/21 09:00
180-126951-2	DUP-1	Water	09/10/21 00:00	09/11/21 09:00
180-126955-1	ARGWC-22	Water	09/10/21 09:52	09/11/21 09:00
180-126955-2	ARAMW-7	Water	09/10/21 11:42	09/11/21 09:00

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Method Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	TAL SL
9320	Radium-228 (GFPC)	SW846	TAL SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	TAL SL
Field Sampling	Field Sampling	EPA	TAL PIT
PrecSep_0	Preparation, Precipitate Separation	None	TAL SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	TAL SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: ARGWA-19

Lab Sample ID: 180-126791-1

Date Collected: 09/07/21 16:08

Matrix: Water

Date Received: 09/08/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.64 mL	1.0 g	527062	09/15/21 11:11	MJ	TAL SL
Total/NA	Analysis	9315		1			532123	10/16/21 19:55	ANW	TAL SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1000.64 mL	1.0 g	527070	09/15/21 11:48	MJ	TAL SL
Total/NA	Analysis	9320		1			531983	10/15/21 12:37	ANW	TAL SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			533779	10/26/21 19:06	EMH	TAL SL
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			372007	09/07/21 16:08	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: EB-1

Lab Sample ID: 180-126808-1

Date Collected: 09/08/21 08:55

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.98 mL	1.0 g	527079	09/15/21 12:41	MJ	TAL SL
Total/NA	Analysis	9315		1			532817	10/20/21 19:16	FLC	TAL SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			1000.98 mL	1.0 g	527215	09/15/21 14:55	MJ	TAL SL
Total/NA	Analysis	9320		1			532777	10/19/21 13:39	MLK	TAL SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			533649	10/26/21 17:44	EMH	TAL SL
Instrument ID: NOEQUIP										

Client Sample ID: ARGWA-20

Lab Sample ID: 180-126808-2

Date Collected: 09/08/21 13:52

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			749.25 mL	1.0 g	527079	09/15/21 12:41	MJ	TAL SL
Total/NA	Analysis	9315		1			533031	10/21/21 07:18	ANW	TAL SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			749.25 mL	1.0 g	527215	09/15/21 14:55	MJ	TAL SL
Total/NA	Analysis	9320		1			532777	10/19/21 13:39	MLK	TAL SL
Instrument ID: GFPCPURPLE										
Total/NA	Analysis	Ra226_Ra228		1			533649	10/26/21 17:44	EMH	TAL SL
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: ARGWC-21

Lab Sample ID: 180-126808-3

Date Collected: 09/08/21 16:30

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			999.56 mL	1.0 g	527459	09/17/21 10:19	MJ	TAL SL
Total/NA	Analysis	9315		1			532777	10/19/21 17:54	MLK	TAL SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			999.56 mL	1.0 g	527463	09/17/21 11:08	MJ	TAL SL
Total/NA	Analysis	9320		1			532778	10/19/21 13:49	ANW	TAL SL
Instrument ID: GFPCORANGE										
Total/NA	Analysis	Ra226_Ra228		1			533647	10/26/21 17:36	EMH	TAL SL
Instrument ID: NOEQUIP										

Client Sample ID: ARGWC-23

Lab Sample ID: 180-126893-1

Date Collected: 09/09/21 11:36

Matrix: Water

Date Received: 09/10/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.74 mL	1.0 g	527855	09/21/21 11:45	BMP	TAL SL
Total/NA	Analysis	9315		1			532779	10/19/21 14:32	MLK	TAL SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1000.74 mL	1.0 g	527862	09/21/21 12:55	BMP	TAL SL
Total/NA	Analysis	9320		1			532799	10/18/21 14:02	ANW	TAL SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			533646	10/26/21 17:27	EMH	TAL SL
Instrument ID: NOEQUIP										

Client Sample ID: ARAMW-8

Lab Sample ID: 180-126893-2

Date Collected: 09/09/21 14:16

Matrix: Water

Date Received: 09/10/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.57 mL	1.0 g	527855	09/21/21 11:45	BMP	TAL SL
Total/NA	Analysis	9315		1			532777	10/19/21 14:29	MLK	TAL SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			1000.57 mL	1.0 g	527862	09/21/21 12:55	BMP	TAL SL
Total/NA	Analysis	9320		1			532799	10/18/21 14:03	ANW	TAL SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			533646	10/26/21 17:27	EMH	TAL SL
Instrument ID: NOEQUIP										

Client Sample ID: FB-1

Lab Sample ID: 180-126893-3

Date Collected: 09/09/21 09:10

Matrix: Water

Date Received: 09/10/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.57 mL	1.0 g	527855	09/21/21 11:45	BMP	TAL SL
Total/NA	Analysis	9315		1			532781	10/19/21 14:27	ANW	TAL SL
Instrument ID: GFPCRED										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: FB-1

Lab Sample ID: 180-126893-3

Date Collected: 09/09/21 09:10

Matrix: Water

Date Received: 09/10/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1000.57 mL	1.0 g	527862	09/21/21 12:55	BMP	TAL SL
Total/NA	Analysis	9320		1			532799	10/18/21 14:03	ANW	TAL SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			533646	10/26/21 17:27	EMH	TAL SL
Instrument ID: NOEQUIP										

Client Sample ID: ARAMW-1

Lab Sample ID: 180-126896-1

Date Collected: 09/09/21 15:10

Matrix: Water

Date Received: 09/10/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.87 mL	1.0 g	528289	09/21/21 16:55	BMP	TAL SL
Total/NA	Analysis	9315		1			533164	10/22/21 07:39	MLK	TAL SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1000.46 mL	1.0 g	533805	10/27/21 10:07	BMP	TAL SL
Total/NA	Analysis	9320		1			534665	11/02/21 13:09	FLC	TAL SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			535169	11/04/21 12:08	MLK	TAL SL
Instrument ID: NOEQUIP										

Client Sample ID: ARAMW-2

Lab Sample ID: 180-126951-1

Date Collected: 09/10/21 11:55

Matrix: Water

Date Received: 09/11/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.15 mL	1.0 g	528331	09/22/21 12:06	BMP	TAL SL
Total/NA	Analysis	9315		1			533164	10/22/21 11:41	MLK	TAL SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1000.15 mL	1.0 g	528337	09/22/21 12:52	BMP	TAL SL
Total/NA	Analysis	9320		1			533189	10/21/21 16:23	JLP	TAL SL
Instrument ID: GFPCPROTEAN										
Total/NA	Analysis	Ra226_Ra228		1			533645	10/26/21 17:20	EMH	TAL SL
Instrument ID: NOEQUIP										

Client Sample ID: DUP-1

Lab Sample ID: 180-126951-2

Date Collected: 09/10/21 00:00

Matrix: Water

Date Received: 09/11/21 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.23 mL	1.0 g	528331	09/22/21 12:06	BMP	TAL SL
Total/NA	Analysis	9315		1			533164	10/22/21 11:41	MLK	TAL SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1000.23 mL	1.0 g	528337	09/22/21 12:52	BMP	TAL SL
Total/NA	Analysis	9320		1			533030	10/21/21 16:30	ANW	TAL SL
Instrument ID: GFPCRED										

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: DUP-1
Date Collected: 09/10/21 00:00
Date Received: 09/11/21 09:00

Lab Sample ID: 180-126951-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			533645	10/26/21 17:20	EMH	TAL SL

Client Sample ID: ARGWC-22
Date Collected: 09/10/21 09:52
Date Received: 09/11/21 09:00

Lab Sample ID: 180-126955-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.12 mL	1.0 g	528331	09/22/21 12:06	BMP	TAL SL
Total/NA	Analysis	9315		1			533164	10/22/21 11:42	MLK	TAL SL
Instrument ID: GFPCBLUE										
Total/NA	Prep	PrecSep_0			1000.12 mL	1.0 g	528337	09/22/21 12:52	BMP	TAL SL
Total/NA	Analysis	9320		1			533030	10/21/21 16:33	ANW	TAL SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			533645	10/26/21 17:20	EMH	TAL SL
Instrument ID: NOEQUIP										

Client Sample ID: ARAMW-7
Date Collected: 09/10/21 11:42
Date Received: 09/11/21 09:00

Lab Sample ID: 180-126955-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.60 mL	1.0 g	528331	09/22/21 12:06	BMP	TAL SL
Total/NA	Analysis	9315		1			533173	10/22/21 11:45	MLK	TAL SL
Instrument ID: GFPCPURPLE										
Total/NA	Prep	PrecSep_0			1000.60 mL	1.0 g	528337	09/22/21 12:52	BMP	TAL SL
Total/NA	Analysis	9320		1			533030	10/21/21 16:33	ANW	TAL SL
Instrument ID: GFPCRED										
Total/NA	Analysis	Ra226_Ra228		1			533645	10/26/21 17:20	EMH	TAL SL
Instrument ID: NOEQUIP										

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058
TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Analyst References:

Lab: TAL PIT

Batch Type: Analysis

FDS = Sampler Field

Lab: TAL SL

Batch Type: Prep

BMP = Bailey Pinette

MJ = Mary Johns

Batch Type: Analysis

ANW = Aamber Woods

EMH = Elizabeth Hoerchler

FLC = Fernando Cruz

JLP = James Porter

MLK = Micha Korrinhizer

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Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: ARGWA-19

Lab Sample ID: 180-126791-1

Date Collected: 09/07/21 16:08

Matrix: Water

Date Received: 09/08/21 10:30

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.175	U	0.170	0.171	1.00	0.267	pCi/L	09/15/21 11:11	10/16/21 19:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		40 - 110					09/15/21 11:11	10/16/21 19:55	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.135	U	0.275	0.275	1.00	0.468	pCi/L	09/15/21 11:48	10/15/21 12:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		40 - 110					09/15/21 11:48	10/15/21 12:37	1
Y Carrier	86.0		40 - 110					09/15/21 11:48	10/15/21 12:37	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.310	U	0.323	0.324	5.00	0.468	pCi/L		10/26/21 19:06	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.85				SU			09/07/21 16:08	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: EB-1

Lab Sample ID: 180-126808-1

Date Collected: 09/08/21 08:55

Matrix: Water

Date Received: 09/09/21 10:00

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0109	U	0.156	0.156	1.00	0.307	pCi/L	09/15/21 12:41	10/20/21 19:16	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		40 - 110					09/15/21 12:41	10/20/21 19:16	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0261	U	0.286	0.286	1.00	0.505	pCi/L	09/15/21 14:55	10/19/21 13:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		40 - 110					09/15/21 14:55	10/19/21 13:39	1
Y Carrier	88.6		40 - 110					09/15/21 14:55	10/19/21 13:39	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0153	U	0.326	0.326	5.00	0.505	pCi/L		10/26/21 17:44	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: ARGWA-20

Lab Sample ID: 180-126808-2

Date Collected: 09/08/21 13:52

Matrix: Water

Date Received: 09/09/21 10:00

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.210	U	0.188	0.189	1.00	0.285	pCi/L	09/15/21 12:41	10/21/21 07:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		40 - 110					09/15/21 12:41	10/21/21 07:18	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.230	U	0.400	0.401	1.00	0.678	pCi/L	09/15/21 14:55	10/19/21 13:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		40 - 110					09/15/21 14:55	10/19/21 13:39	1
Y Carrier	83.0		40 - 110					09/15/21 14:55	10/19/21 13:39	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.440	U	0.442	0.443	5.00	0.678	pCi/L		10/26/21 17:44	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: ARGWC-21

Lab Sample ID: 180-126808-3

Date Collected: 09/08/21 16:30

Matrix: Water

Date Received: 09/09/21 10:00

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.646		0.326	0.331	1.00	0.431	pCi/L	09/17/21 10:19	10/19/21 17:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		40 - 110					09/17/21 10:19	10/19/21 17:54	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.472	U	0.346	0.349	1.00	0.543	pCi/L	09/17/21 11:08	10/19/21 13:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		40 - 110					09/17/21 11:08	10/19/21 13:49	1
Y Carrier	79.6		40 - 110					09/17/21 11:08	10/19/21 13:49	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.12		0.475	0.481	5.00	0.543	pCi/L		10/26/21 17:36	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: ARGWC-23

Lab Sample ID: 180-126893-1

Date Collected: 09/09/21 11:36

Matrix: Water

Date Received: 09/10/21 09:00

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.192	U	0.201	0.201	1.00	0.323	pCi/L	09/21/21 11:45	10/19/21 14:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.2		40 - 110					09/21/21 11:45	10/19/21 14:32	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.306	U	0.280	0.281	1.00	0.450	pCi/L	09/21/21 12:55	10/18/21 14:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.2		40 - 110					09/21/21 12:55	10/18/21 14:02	1
Y Carrier	87.9		40 - 110					09/21/21 12:55	10/18/21 14:02	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.498		0.345	0.345	5.00	0.450	pCi/L		10/26/21 17:27	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: ARAMW-8

Lab Sample ID: 180-126893-2

Date Collected: 09/09/21 14:16

Matrix: Water

Date Received: 09/10/21 09:00

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.185	U	0.173	0.174	1.00	0.271	pCi/L	09/21/21 11:45	10/19/21 14:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		40 - 110					09/21/21 11:45	10/19/21 14:29	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0245	U	0.246	0.246	1.00	0.450	pCi/L	09/21/21 12:55	10/18/21 14:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		40 - 110					09/21/21 12:55	10/18/21 14:03	1
Y Carrier	85.6		40 - 110					09/21/21 12:55	10/18/21 14:03	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.160	U	0.301	0.301	5.00	0.450	pCi/L		10/26/21 17:27	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: FB-1

Lab Sample ID: 180-126893-3

Date Collected: 09/09/21 09:10

Matrix: Water

Date Received: 09/10/21 09:00

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0178	U	0.117	0.117	1.00	0.233	pCi/L	09/21/21 11:45	10/19/21 14:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	127	X	40 - 110					09/21/21 11:45	10/19/21 14:27	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.623		0.252	0.259	1.00	0.350	pCi/L	09/21/21 12:55	10/18/21 14:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	127	X	40 - 110					09/21/21 12:55	10/18/21 14:03	1
Y Carrier	81.9		40 - 110					09/21/21 12:55	10/18/21 14:03	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.641		0.278	0.284	5.00	0.350	pCi/L		10/26/21 17:27	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: ARAMW-1

Lab Sample ID: 180-126896-1

Date Collected: 09/09/21 15:10

Matrix: Water

Date Received: 09/10/21 09:00

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.258	U	0.231	0.233	1.00	0.360	pCi/L	09/21/21 16:55	10/22/21 07:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		40 - 110					09/21/21 16:55	10/22/21 07:39	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.714		0.287	0.294	1.00	0.396	pCi/L	10/27/21 10:07	11/02/21 13:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.0		40 - 110					10/27/21 10:07	11/02/21 13:09	1
Y Carrier	83.4		40 - 110					10/27/21 10:07	11/02/21 13:09	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.972		0.368	0.375	5.00	0.396	pCi/L		11/04/21 12:08	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: ARAMW-2

Lab Sample ID: 180-126951-1

Date Collected: 09/10/21 11:55

Matrix: Water

Date Received: 09/11/21 09:00

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.532		0.240	0.244	1.00	0.295	pCi/L	09/22/21 12:06	10/22/21 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		40 - 110					09/22/21 12:06	10/22/21 11:41	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.87		0.460	0.530	1.00	0.483	pCi/L	09/22/21 12:52	10/21/21 16:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		40 - 110					09/22/21 12:52	10/21/21 16:23	1
Y Carrier	82.2		40 - 110					09/22/21 12:52	10/21/21 16:23	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.40		0.519	0.583	5.00	0.483	pCi/L		10/26/21 17:20	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: DUP-1
 Date Collected: 09/10/21 00:00
 Date Received: 09/11/21 09:00

Lab Sample ID: 180-126951-2
 Matrix: Water

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.312		0.187	0.189	1.00	0.246	pCi/L	09/22/21 12:06	10/22/21 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		40 - 110					09/22/21 12:06	10/22/21 11:41	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.84		0.470	0.588	1.00	0.404	pCi/L	09/22/21 12:52	10/21/21 16:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		40 - 110					09/22/21 12:52	10/21/21 16:30	1
Y Carrier	83.7		40 - 110					09/22/21 12:52	10/21/21 16:30	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	4.15		0.506	0.618	5.00	0.404	pCi/L		10/26/21 17:20	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: ARGWC-22

Lab Sample ID: 180-126955-1

Date Collected: 09/10/21 09:52

Matrix: Water

Date Received: 09/11/21 09:00

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.180	U	0.223	0.224	1.00	0.370	pCi/L	09/22/21 12:06	10/22/21 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.9		40 - 110					09/22/21 12:06	10/22/21 11:42	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.532		0.323	0.327	1.00	0.497	pCi/L	09/22/21 12:52	10/21/21 16:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.9		40 - 110					09/22/21 12:52	10/21/21 16:33	1
Y Carrier	81.1		40 - 110					09/22/21 12:52	10/21/21 16:33	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.713		0.393	0.396	5.00	0.497	pCi/L		10/26/21 17:20	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Client Sample ID: ARAMW-7

Lab Sample ID: 180-126955-2

Date Collected: 09/10/21 11:42

Matrix: Water

Date Received: 09/11/21 09:00

Method: 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.501		0.247	0.251	1.00	0.323	pCi/L	09/22/21 12:06	10/22/21 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		40 - 110					09/22/21 12:06	10/22/21 11:45	1

Method: 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.73		0.482	0.592	1.00	0.413	pCi/L	09/22/21 12:52	10/21/21 16:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		40 - 110					09/22/21 12:52	10/21/21 16:33	1
Y Carrier	81.1		40 - 110					09/22/21 12:52	10/21/21 16:33	1

Method: Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	4.23		0.542	0.643	5.00	0.413	pCi/L		10/26/21 17:20	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-527062/23-A
Matrix: Water
Analysis Batch: 532483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527062

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.2537		0.173	0.175	1.00	0.252	pCi/L	09/15/21 11:34	10/18/21 07:45	1
Carrier	MB		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	%Yield	MB Qualifier	40 - 110					09/15/21 11:34	10/18/21 07:45	1
	87.5									

Lab Sample ID: LCS 160-527062/1-A
Matrix: Water
Analysis Batch: 532464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527062

Analyte	Spike Added	LCS	LCS	Total	RL	MDC	Unit	%Rec	%Rec. Limits
		Result	Qual	Uncert. (2σ+/-)					
Radium-226	11.3	11.03		1.30	1.00	0.234	pCi/L	97	75 - 125
Carrier	LCS		Limits						
Ba Carrier	%Yield	LCS Qualifier	40 - 110						
	88.2								

Lab Sample ID: LCSD 160-527062/2-A
Matrix: Water
Analysis Batch: 532464

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 527062

Analyte	Spike Added	LCSD	LCSD	Total	RL	MDC	Unit	%Rec	%Rec. Limits	RER	Limit
		Result	Qual	Uncert. (2σ+/-)							
Radium-226	11.3	11.95		1.40	1.00	0.211	pCi/L	105	75 - 125	0.34	1
Carrier	LCSD		Limits								
Ba Carrier	%Yield	LCSD Qualifier	40 - 110								
	87.5										

Lab Sample ID: MB 160-527079/24-A
Matrix: Water
Analysis Batch: 533031

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527079

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.2551	U	0.209	0.210	1.00	0.319	pCi/L	09/15/21 12:41	10/21/21 07:18	1
Carrier	MB		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	%Yield	MB Qualifier	40 - 110					09/15/21 12:41	10/21/21 07:18	1
	81.6									

Lab Sample ID: LCS 160-527079/1-A
Matrix: Water
Analysis Batch: 532800

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527079

Analyte	Spike Added	LCS	LCS	Total	RL	MDC	Unit	%Rec	%Rec. Limits
		Result	Qual	Uncert. (2σ+/-)					
Radium-226	11.3	10.62		1.29	1.00	0.282	pCi/L	94	75 - 125

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QC Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-527079/1-A
Matrix: Water
Analysis Batch: 532800

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527079

		LCS	LCS
Carrier	%Yield	Qualifier	Limits
Ba Carrier	82.4		40 - 110

Lab Sample ID: MB 160-527459/23-A
Matrix: Water
Analysis Batch: 532817

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527459

Analyte	MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared		Analyzed		Dil Fac
	Result	Qualifier										
Radium-226	0.1070	U	0.186	0.186	1.00	0.323	pCi/L	09/17/21 10:19	10/20/21 06:49		1	
Carrier		MB	MB					Prepared	Analyzed	Dil Fac		
Ba Carrier		91.4		40 - 110				09/17/21 10:19	10/20/21 06:49	1		

Lab Sample ID: LCS 160-527459/1-A
Matrix: Water
Analysis Batch: 532781

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527459

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	
									Radium-226	11.3
Carrier		LCS	LCS							
Ba Carrier		87.7		40 - 110						

Lab Sample ID: LCSD 160-527459/2-A
Matrix: Water
Analysis Batch: 532781

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 527459

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		RER	Limit
									Radium-226	11.3	10.90	
Carrier		LCSD	LCSD									
Ba Carrier		74.9		40 - 110								

Lab Sample ID: MB 160-527855/23-A
Matrix: Water
Analysis Batch: 532779

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527855

Analyte	MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared		Analyzed		Dil Fac
	Result	Qualifier										
Radium-226	0.03405	U	0.148	0.148	1.00	0.278	pCi/L	09/21/21 11:45	10/19/21 14:32		1	
Carrier		MB	MB					Prepared	Analyzed	Dil Fac		
Ba Carrier		98.2		40 - 110				09/21/21 11:45	10/19/21 14:32	1		

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-527855/1-A
Matrix: Water
Analysis Batch: 532486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527855

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
									75	125	
Radium-226	11.3	11.06		1.35	1.00	0.317	pCi/L	98	75 - 125		
Carrier	%Yield	LCS Qualifier	Limits								
Ba Carrier	107		40 - 110								

Lab Sample ID: LCSD 160-527855/2-A
Matrix: Water
Analysis Batch: 532486

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 527855

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		RER	RER Limit
									75	125	0.19	1
Radium-226	11.3	10.56		1.34	1.00	0.370	pCi/L	93	75 - 125	0.19	1	
Carrier	%Yield	LCSD Qualifier	Limits									
Ba Carrier	94.3		40 - 110									

Lab Sample ID: MB 160-528289/23-A
Matrix: Water
Analysis Batch: 533164

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 528289

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared		Analyzed		Dil Fac
								09/21/21 16:55	10/22/21 09:37	10/22/21 09:37		1
Radium-226	0.1474	U	0.224	0.224	1.00	0.382	pCi/L	09/21/21 16:55	10/22/21 09:37	10/22/21 09:37		1
Carrier	%Yield	MB Qualifier	Limits									
Ba Carrier	91.6		40 - 110									
								Prepared	Analyzed	Dil Fac		
								09/21/21 16:55	10/22/21 09:37	1		

Lab Sample ID: LCS 160-528289/1-A
Matrix: Water
Analysis Batch: 533164

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 528289

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		
									75	125	
Radium-226	11.3	11.80		1.55	1.00	0.479	pCi/L	104	75 - 125		
Carrier	%Yield	LCS Qualifier	Limits								
Ba Carrier	63.4		40 - 110								

Lab Sample ID: LCSD 160-528289/2-A
Matrix: Water
Analysis Batch: 533164

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 528289

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		RER	RER Limit
									75	125	0.98	1
Radium-226	11.3	9.108		1.20	1.00	0.364	pCi/L	80	75 - 125	0.98	1	

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCSD 160-528289/2-A
Matrix: Water
Analysis Batch: 533164

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 528289

Carrier	<u>LCSD</u> %Yield	<u>LCSD</u> Qualifier	<u>Limits</u>
Ba Carrier	84.3		40 - 110

Lab Sample ID: MB 160-528331/23-A
Matrix: Water
Analysis Batch: 533164

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 528331

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.05590	U	0.213	0.213	1.00	0.391	pCi/L	09/22/21 12:06	10/22/21 13:35	1

Carrier	<u>MB</u> %Yield	<u>MB</u> Qualifier	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Ba Carrier	87.5		40 - 110	09/22/21 12:06	10/22/21 13:35	1

Lab Sample ID: LCS 160-528331/1-A
Matrix: Water
Analysis Batch: 533164

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 528331

Analyte	Spike Added	LCS		Total	RL	MDC	Unit	%Rec	%Rec. Limits
		Result	Qual	Uncert. (2σ+/-)					
Radium-226	11.3	9.254		1.18	1.00	0.305	pCi/L	82	75 - 125

Carrier	<u>LCS</u> %Yield	<u>LCS</u> Qualifier	<u>Limits</u>
Ba Carrier	87.5		40 - 110

Lab Sample ID: LCSD 160-528331/2-A
Matrix: Water
Analysis Batch: 533164

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 528331

Analyte	Spike Added	LCSD		Total	RL	MDC	Unit	%Rec	%Rec. Limits	RER	Limit
		Result	Qual	Uncert. (2σ+/-)							
Radium-226	11.3	10.41		1.35	1.00	0.405	pCi/L	92	75 - 125	0.46	1

Carrier	<u>LCSD</u> %Yield	<u>LCSD</u> Qualifier	<u>Limits</u>
Ba Carrier	73.9		40 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-527070/23-A
Matrix: Water
Analysis Batch: 531997

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527070

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	0.03026	U	0.254	0.254	1.00	0.451	pCi/L	09/15/21 11:48	10/15/21 12:45	1

Carrier	<u>MB</u> %Yield	<u>MB</u> Qualifier	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Ba Carrier	87.5		40 - 110	09/15/21 11:48	10/15/21 12:45	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-527070/23-A
Matrix: Water
Analysis Batch: 531997

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527070

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	84.1		40 - 110	09/15/21 11:48	10/15/21 12:45	1

Lab Sample ID: LCS 160-527070/1-A
Matrix: Water
Analysis Batch: 531971

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527070

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits
Radium-228	9.24	10.48		1.30	1.00	0.631	pCi/L	113	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.2		40 - 110
Y Carrier	86.0		40 - 110

Lab Sample ID: LCSD 160-527070/2-A
Matrix: Water
Analysis Batch: 531997

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 527070

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Radium-228	9.24	9.841		1.18	1.00	0.429	pCi/L	107	75 - 125	0.26	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	87.5		40 - 110
Y Carrier	84.9		40 - 110

Lab Sample ID: MB 160-527215/24-A
Matrix: Water
Analysis Batch: 532777

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527215

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3265	U	0.331	0.332	1.00	0.538	pCi/L	09/15/21 14:55	10/19/21 13:39	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		40 - 110	09/15/21 14:55	10/19/21 13:39	1
Y Carrier	87.5		40 - 110	09/15/21 14:55	10/19/21 13:39	1

Lab Sample ID: LCS 160-527215/1-A
Matrix: Water
Analysis Batch: 532780

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527215

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits
Radium-228	9.23	10.34		1.27	1.00	0.563	pCi/L	112	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-527215/1-A
Matrix: Water
Analysis Batch: 532780

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527215

Carrier	LCS		Limits
	%Yield	Qualifier	
Ba Carrier	82.4		40 - 110
Y Carrier	83.4		40 - 110

Lab Sample ID: MB 160-527463/23-A
Matrix: Water
Analysis Batch: 532777

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527463

Analyte	MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	-0.1126	U	0.275	0.275	1.00	0.511	pCi/L	09/17/21 11:08	10/19/21 13:46	1

Carrier	MB		Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	91.4		40 - 110	09/17/21 11:08	10/19/21 13:46	1
Y Carrier	84.5		40 - 110	09/17/21 11:08	10/19/21 13:46	1

Lab Sample ID: LCS 160-527463/1-A
Matrix: Water
Analysis Batch: 532777

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527463

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	
									Radium-228	9.23

Carrier	LCS		Limits
	%Yield	Qualifier	
Ba Carrier	87.7		40 - 110
Y Carrier	83.7		40 - 110

Lab Sample ID: LCSD 160-527463/2-A
Matrix: Water
Analysis Batch: 532777

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 527463

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		RER	Limit
									Radium-228	9.23	8.737	

Carrier	LCSD		Limits
	%Yield	Qualifier	
Ba Carrier	74.9		40 - 110
Y Carrier	81.9		40 - 110

Lab Sample ID: MB 160-527862/23-A
Matrix: Water
Analysis Batch: 532483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527862

Analyte	MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	0.4521	U	0.395	0.397	1.00	0.634	pCi/L	09/21/21 12:55	10/18/21 14:48	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-527862/23-A
Matrix: Water
Analysis Batch: 532483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 527862

Carrier	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	98.2		40 - 110	09/21/21 12:55	10/18/21 14:48	1
Y Carrier	71.8		40 - 110	09/21/21 12:55	10/18/21 14:48	1

Lab Sample ID: LCS 160-527862/1-A
Matrix: Water
Analysis Batch: 532488

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 527862

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits

Carrier	LCS LCS		Limits
	%Yield	Qualifier	
Ba Carrier	107		40 - 110
Y Carrier	81.5		40 - 110

Lab Sample ID: LCSD 160-527862/2-A
Matrix: Water
Analysis Batch: 532488

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 527862

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit

Carrier	LCSD LCSD		Limits
	%Yield	Qualifier	
Ba Carrier	94.3		40 - 110
Y Carrier	80.4		40 - 110

Lab Sample ID: MB 160-528337/23-A
Matrix: Water
Analysis Batch: 533032

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 528337

Analyte	MB MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	0.2002	U	0.287	0.287	1.00	0.480	pCi/L	09/22/21 12:52	10/21/21 16:45	1

Carrier	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	87.5		40 - 110	09/22/21 12:52	10/21/21 16:45	1
Y Carrier	84.1		40 - 110	09/22/21 12:52	10/21/21 16:45	1

Lab Sample ID: LCS 160-528337/1-A
Matrix: Water
Analysis Batch: 533189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 528337

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-528337/1-A
Matrix: Water
Analysis Batch: 533189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 528337

Carrier	LCS		Limits
	%Yield	Qualifier	
Ba Carrier	87.5		40 - 110
Y Carrier	78.9		40 - 110

Lab Sample ID: LCSD 160-528337/2-A
Matrix: Water
Analysis Batch: 533189

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 528337

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		RER	RER Limit
									75 - 125	0.38	1	
Radium-228	9.22	11.11		1.36	1.00	0.547	pCi/L	120	75 - 125	0.38		1

Carrier	LCSD		Limits
	%Yield	Qualifier	
Ba Carrier	73.9		40 - 110
Y Carrier	78.9		40 - 110

Lab Sample ID: MB 160-533805/16-A
Matrix: Water
Analysis Batch: 534665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 533805

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared		Analyzed		Dil Fac
								10/27/21 10:07	11/02/21 13:11	11/02/21 13:11	1	
Radium-228	0.6248		0.390	0.394	1.00	0.603	pCi/L	10/27/21 10:07	11/02/21 13:11	11/02/21 13:11	1	

Carrier	MB		Limits	Prepared		Analyzed		Dil Fac
	%Yield	Qualifier		10/27/21 10:07	11/02/21 13:11	11/02/21 13:11	1	
Ba Carrier	98.8		40 - 110	10/27/21 10:07	11/02/21 13:11	11/02/21 13:11	1	
Y Carrier	85.2		40 - 110	10/27/21 10:07	11/02/21 13:11	11/02/21 13:11	1	

Lab Sample ID: LCS 160-533805/1-A
Matrix: Water
Analysis Batch: 534663

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 533805

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	
									75 - 125	
Radium-228	12.2	11.02		1.36	1.00	0.606	pCi/L	90	75 - 125	

Carrier	LCS		Limits
	%Yield	Qualifier	
Ba Carrier	92.8		40 - 110
Y Carrier	83.7		40 - 110

Lab Sample ID: LCSD 160-533805/2-A
Matrix: Water
Analysis Batch: 534663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 533805

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits		RER	RER Limit
									75 - 125	0.38	1	
Radium-228	12.2	12.08		1.43	1.00	0.524	pCi/L	99	75 - 125	0.38		1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCSD 160-533805/2-A
Matrix: Water
Analysis Batch: 534663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 533805

Carrier	LCSD		Limits
	%Yield	Qualifier	
Ba Carrier	96.5		40 - 110
Y Carrier	83.4		40 - 110

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QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Rad

Prep Batch: 527062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	PrecSep-21	
MB 160-527062/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-527062/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-527062/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 527070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	PrecSep_0	
MB 160-527070/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-527070/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-527070/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 527079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-1	EB-1	Total/NA	Water	PrecSep-21	
180-126808-2	ARGWA-20	Total/NA	Water	PrecSep-21	
MB 160-527079/24-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-527079/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 527215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-1	EB-1	Total/NA	Water	PrecSep_0	
180-126808-2	ARGWA-20	Total/NA	Water	PrecSep_0	
MB 160-527215/24-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-527215/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 527459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-3	ARGWC-21	Total/NA	Water	PrecSep-21	
MB 160-527459/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-527459/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-527459/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 527463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126808-3	ARGWC-21	Total/NA	Water	PrecSep_0	
MB 160-527463/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-527463/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-527463/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 527855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Total/NA	Water	PrecSep-21	
180-126893-2	ARAMW-8	Total/NA	Water	PrecSep-21	
180-126893-3	FB-1	Total/NA	Water	PrecSep-21	
MB 160-527855/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-527855/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-527855/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright AP-2 DAS

Job ID: 180-126791-2

Rad

Prep Batch: 527862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126893-1	ARGWC-23	Total/NA	Water	PrecSep_0	
180-126893-2	ARAMW-8	Total/NA	Water	PrecSep_0	
180-126893-3	FB-1	Total/NA	Water	PrecSep_0	
MB 160-527862/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-527862/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-527862/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 528289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126896-1	ARAMW-1	Total/NA	Water	PrecSep-21	
MB 160-528289/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-528289/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-528289/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 528331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Total/NA	Water	PrecSep-21	
180-126951-2	DUP-1	Total/NA	Water	PrecSep-21	
180-126955-1	ARGWC-22	Total/NA	Water	PrecSep-21	
180-126955-2	ARAMW-7	Total/NA	Water	PrecSep-21	
MB 160-528331/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-528331/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-528331/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 528337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126951-1	ARAMW-2	Total/NA	Water	PrecSep_0	
180-126951-2	DUP-1	Total/NA	Water	PrecSep_0	
180-126955-1	ARGWC-22	Total/NA	Water	PrecSep_0	
180-126955-2	ARAMW-7	Total/NA	Water	PrecSep_0	
MB 160-528337/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-528337/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-528337/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 533805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126896-1	ARAMW-1	Total/NA	Water	PrecSep_0	
MB 160-533805/16-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-533805/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-533805/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Field Service / Mobile Lab

Analysis Batch: 372007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126791-1	ARGWA-19	Total/NA	Water	Field Sampling	

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180-126791 Waybill

FedEx
 TRK# 1516 9332 3603
NA AGCA

WED - 08 SEP 10:30
 PRIORITY OVERNIGHT

PA-US
 PIT 15238

Unchecked temp
 Thermometer ID
 CF Initials

3.8
 16
 AS

PT-WT-SR-001, effective 11/8/18

NS138334 09/07 850J3/1598/TF48



eurofins

Environment Testing
TestAmerica

ORIGIN ID: LIVA (770) 421-3365
DAVID FULLER PICKING UP
WOOD E&I
1075 BIG SHANTY ROAD N.W., SUITE 10
KENNESAW, GA 30144
UNITED STATES US

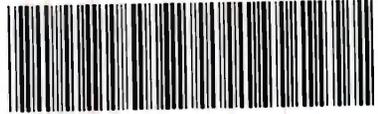
SHIP DATE: 27 AUG 21
ACTWGT: 10.00 LB AMN
CAD: 859118/CAFE3905

TO **SAMPLE RECEIVING**
ETA PITTSBURGH
301 ALPHA DR

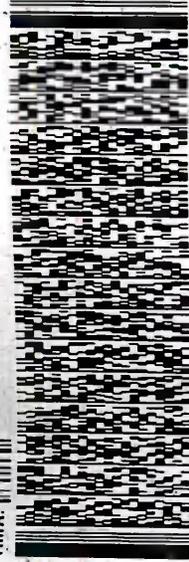
PITTSBURGH PA 15238

(412) 963-7058
REF: S180-73954

FMA: |||||



180-126808 Waybill



FedEx

TRK# 0221

1516 9332 3625

THU - 09 SEP 10:30A

PRIORITY OVERNIGHT

NA AGCA

15238

PA-US

PIT

Uncorrected temp:

3.5 °C

16

Thermometer ID

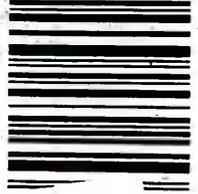
CF

Initials

PT-WI-SR-001 effective 11/01/18

#5138334 09/08 56D.J/169R/FE4A

56297-435 BRQB EXP 08/22



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Environ
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TRK# 1516 9332 3670

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PT-WI-SR-001 effective 11/8/18

44067197 09/09 56DJ9/169R/FE49

10:30
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180-126893 Waybill

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Special PRIORITY OVERNIGHT Member 1516 9332 3699
Track: 1516 9332 3706

Part # 159469-434 RIT2 EXP 06/22



Environment Testing
TestAmerica

ORIGIN ID: LIYA (770) 421-3365
DAVID FULLER PICKING UP
WOOD E&I

SHIP DATE: 27AUG21
ACTWTG: 10.00 LB MAN
CAD: 859116/CAFE3409

1075 BIG SHANTY ROAD N.W., SUITE 10
KENNESAW, GA 30144
UNITED STATES US

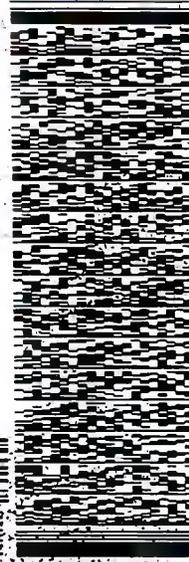
TO: **SAMPLE RECEIVING**
ETA PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

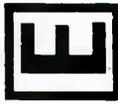
(412) 963-7058

REF: S180 - 73954

FINA: III III III



FedEx
Express



FedEx

TRK# 1516 9332 3706

0221

SATURDAY 12:00P T
PRIORITY OVERNIGHT T

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PA-US PIT

Uncorrected temp
Thermometer ID

CF



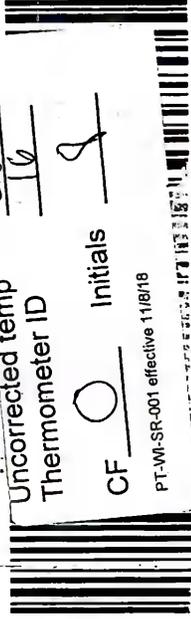
Initials

IL

S

2.5 °C

PT-WI-SR-001 effective 11/8/18



180-126951 Waybill

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0.00
0.00
0.00

SPECIAL:
HANDLING:
TOTAL:

Wgt: 10.00 LBS
DV: 0.00

Svc: PRIORITY OVERNIGHT Meter 1516 9332 3599
Track: 1516 9332 3691

Part # 159469-434 RIT2 EXP 06/22



Environment Testing
TestAmerica

ORIGIN ID: LIYA (770) 421-3365
DAVID FULLTER PICKING UP
WOOD E&I
1075 BIG SHANTY ROAD N.W., SUITE 10
KENNESAW, GA 30144
UNITED STATES US

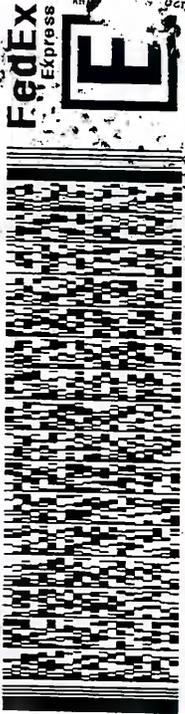
SHIP DATE: 27AUG21
ACTVCT: 10 COUBRAN
CAD: 859116/CAFE3409

TO SAMPLE RECEIVING
ETA PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

(412) 863-7068
REF: S180 - 73954

RMA: |||||



FedEx
TRK# 1516 9332 3691
0221

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO AGCA

15238
PA-US
PIT

Uncorrected temp
Thermometer ID

CF 0 Initials [Signature]

PT-WI-SR-001 effective 11/8/18



Chain of Custody Record



Client Information (Sub Contract Lab)		Lab PM: Brown, Shali	Carrier Tracking No(s): 180-443957-1
Client Contact: Shipping/Receiving		E-Mail: Shali.Brown@Eurofinset.com	Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Job #: 180-126896-2	
Address: 13715 Rider Trail North,		Preservation Codes:	
City: Earth City	State: MO, Zip: 63045	A - HCL	M - Hexane
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #:	B - NaOH	N - None
Email:	WO #:	C - Zn Acetate	O - AsH ₂ O ₂
Project Name: CCR - Plant Arkwright	Project #: 18020201	D - Nitric Acid	P - Na2O4S
Site: Arkwright	SSOW#:	E - NaHSO ₄	Q - Na2SO3
		F - MeOH	R - Na2SO3
		G - Amchlor	S - H2SO ₄
		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:	
Sample Identification - Client ID (Lab ID)		Analysis Requested	
ARAMW-1 (180-126896-1)	Sample Date: 9/9/21	Total Number of Containers: 2	
	Sample Time: 15:10 Eastern	Special Instructions/Note:	
	Sample Type (C=Comp, G=grab)		
	Matrix (Water, Solid, On-waste, etc.)		
	Preservation Code:		
	Field Filtered Sample (Yes or No)		
	Perform MS/MSD (Yes or No)		
	9320 Ra228/PreSep_0 Radium 228		
	9315 Ra226/PreSep_21 Radium-226 (GFC) - 21 day decay		
	Ra226Ra228_GFC/ Combined Radium-226 and Radium-228		
<p>Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis in matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.</p>			
Possible Hazard Identification			
Unconfirmed			
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2			
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: _____ Date: _____ Method of Shipment: _____			
Relinquished by: <i>MD</i> Date: 9/14/21 1700 Company: <i>FEDEX</i>			
Relinquished by: _____ Date: _____ Company: <i>FEDEX</i>			
Relinquished by: _____ Date: _____ Company: <i>ETA STL</i>			
Custody Seals Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks:			



Chain of Custody Record



Client Information (Sub Contract Lab)		Lab PM: Brown, Shali	Carrier Tracking No(s): 180-443957.1
Client Contact: Shipping/Receiving		E-Mail: Shali.Brown@Eurofins.com	Page: 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):	Job #: 180-126951-2
Address: 13715 Rider Trail North,		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 - Na2SO4 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 - EDTA Z - other (specify) Other:	
Due Date Requested: 10/14/2021		Analysis Requested	
TAT Requested (days):		Total Number of containers	
PO #	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9320_Ra226/PreSep_0 Radium 228
WO #	9315_Ra226/PreSep_21 Radium-226 (GFC) - 21 day decay	Ra226Ra228_GFC/ Combined Radium-226 and Radium-228	
Project #	9320_Ra226/PreSep_0 Radium 228		
SSOW#			
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air)
9/10/21	11:55 Eastern		Water
9/10/21	Eastern		Water
Sample Identification - Client ID (Lab ID)			
ARAMW-2 (180-126951-1)			
DUP-1 (180-126951-2)			
Special Instructions/Note:			
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.			
Possible Hazard Identification			
Unconfirmed			
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2			
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: MO		Date: 9/14/21 17:00	
Relinquished by: FEDEX		Company: TADA	
Relinquished by:		Date/Time: 9-15-21 08:52	
Relinquished by:		Company: ETA SLL	
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks:	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126791

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126791

List Number: 2

Creator: Korrinhizer, Micha L

List Source: Eurofins TestAmerica, St. Louis

List Creation: 09/10/21 03:24 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126808

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126808

List Number: 2

Creator: Mazariegos, Leonel A

List Source: Eurofins TestAmerica, St. Louis

List Creation: 09/11/21 11:05 AM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
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.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126893

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126893

List Number: 2

Creator: Korrinhizer, Micha L

List Source: Eurofins TestAmerica, St. Louis

List Creation: 09/16/21 10:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126896

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126896

List Number: 2

Creator: Korrinhizer, Micha L

List Source: Eurofins TestAmerica, St. Louis

List Creation: 09/16/21 10:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
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.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126951

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126951

List Number: 2

Creator: Korrinhizer, Micha L

List Source: Eurofins TestAmerica, St. Louis

List Creation: 09/16/21 10:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126955

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126791-2

Login Number: 126955

List Number: 2

Creator: Korrinhizer, Micha L

List Source: Eurofins TestAmerica, St. Louis

List Creation: 09/16/21 10:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



SURFACE WATER LABORATORY ANALYTICAL REPORTS AND FIELD SAMPLING DATA

Plant Arkwright AP-2 (Beaverdam Creek) Surface Water Samples 09/30/2021

Sample ID	Time	Temp(C)	pH	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Conductance – (mS/cm)	Coordinates
BC-0.8a	18:55	21.6	7.27	44.3	9.15	4.19	0.140	32.922739, -83.705772
BC-0.5.7	17:20	21.9	7.24	43.5	7.59	4.27	0.142	32.921547, -83.702854
BC-0.5.6	17:05	21.9	7.32	63.2	7.99	4.66	0.147	32.921195, -83.701934
BC-0.5.5	16:41	22.0	7.32	68.7	7.89	4.06	0.146	32.920697, -83.701798
BC-BR	16:16	22.2	7.42	69.1	7.85	5.69	0.138	32.920207, -83.696481
BC-0.3	15:46	22.2	7.39	153.7	8.72	4.48	0.141	32.920207, -83.696481

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-127990-1
Client Project/Site: Arkwright Surfacewater

For:
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
10/18/2021 5:31:00 PM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

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results through
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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.

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Job ID: 180-127990-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

Job Narrative 180-127990-1

Comments

No additional comments.

Receipt

The samples were received on 10/4/2021 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.7° C, 3.4° C and 8.4° C.

Receipt Exceptions

The following samples were listed on the Chain of Custody (COC); however, no samples were received: BC-0.8a (180-127990-1), BC-0.5.7 (180-127990-2), BC-0.5.6 (180-127990-3), BC-0.5.5 (180-127990-4) and BC-BR (180-127990-5). The delayed cooler for the following samples were received at the laboratory outside the required temperature criteria of 8.4°C. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

GC Semi VOA

Method 300.0: The matrix spike duplicate (MSD) recoveries for the following sample associated with analytical batch 180-374012 was low outside control limits for Chloride, Fluoride, and Sulfate: (180-127990-C-6 MSD). The associated laboratory control sample (LCS) recovery met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control 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.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Laboratory: Eurofins TestAmerica, Pittsburgh

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-21 *
California	State	2891	04-30-22
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-22
Georgia	State	PA 02-00416	04-30-22
Illinois	NELAP	004375	06-30-22
Kansas	NELAP	E-10350	01-31-22
Kentucky (UST)	State	162013	04-30-22
Kentucky (WW)	State	KY98043	12-31-21
Louisiana	NELAP	04041	06-30-22
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	12-31-21
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-05-22
New Jersey	NELAP	PA005	06-30-22
New York	NELAP	11182	04-01-22
North Carolina (WW/SW)	State	434	12-31-21
North Dakota	State	R-227	04-30-22
Oregon	NELAP	PA-2151	02-06-22
Pennsylvania	NELAP	02-00416	04-30-22
Rhode Island	State	LAO00362	12-31-21
South Carolina	State	89014	04-30-22
Texas	NELAP	T104704528	03-31-22
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-22
Virginia	NELAP	10043	09-15-22
West Virginia DEP	State	142	01-31-22
Wisconsin	State	998027800	08-31-22

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



Sample Summary

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-127990-1	BC-0.8a	Water	09/30/21 18:55	10/04/21 09:35
180-127990-2	BC-0.5.7	Water	09/30/21 17:20	10/04/21 09:35
180-127990-3	BC-0.5.6	Water	09/30/21 17:05	10/04/21 09:35
180-127990-4	BC-0.5.5	Water	09/30/21 16:41	10/04/21 09:35
180-127990-5	BC-BR	Water	09/30/21 16:16	10/04/21 09:35
180-127990-6	BC-0.3	Water	09/30/21 15:46	10/02/21 09:30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Method Summary

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
SM2320 B	Alkalinity, Total	SM18	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

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

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



Lab Chronicle

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Client Sample ID: BC-0.8a
Date Collected: 09/30/21 18:55
Date Received: 10/04/21 09:35

Lab Sample ID: 180-127990-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			374012	10/05/21 11:04	J1T	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	375056	10/13/21 09:09	MM1	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			375344	10/14/21 15:52	RSK	TAL PIT
Instrument ID: A										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	374236	10/06/21 11:39	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			374194	10/05/21 13:41	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: BC-0.5.7
Date Collected: 09/30/21 17:20
Date Received: 10/04/21 09:35

Lab Sample ID: 180-127990-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			374012	10/05/21 11:22	J1T	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	375056	10/13/21 09:09	MM1	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			375344	10/14/21 15:56	RSK	TAL PIT
Instrument ID: A										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	374236	10/06/21 11:39	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			374194	10/05/21 13:47	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: BC-0.5.6
Date Collected: 09/30/21 17:05
Date Received: 10/04/21 09:35

Lab Sample ID: 180-127990-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			374012	10/05/21 13:27	J1T	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	375056	10/13/21 09:09	MM1	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			375344	10/14/21 15:59	RSK	TAL PIT
Instrument ID: A										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	374236	10/06/21 11:39	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			374194	10/05/21 14:19	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Lab Chronicle

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Client Sample ID: BC-0.5.5

Lab Sample ID: 180-127990-4

Date Collected: 09/30/21 16:41

Matrix: Water

Date Received: 10/04/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			374012	10/05/21 13:45	J1T	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	375056	10/13/21 09:09	MM1	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			375344	10/14/21 16:03	RSK	TAL PIT
Instrument ID: A										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	374236	10/06/21 11:39	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			374194	10/05/21 14:25	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: BC-BR

Lab Sample ID: 180-127990-5

Date Collected: 09/30/21 16:16

Matrix: Water

Date Received: 10/04/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			374012	10/05/21 14:03	J1T	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	375056	10/13/21 09:09	MM1	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			375344	10/14/21 16:07	RSK	TAL PIT
Instrument ID: A										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	374236	10/06/21 11:39	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			374194	10/05/21 14:32	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: BC-0.3

Lab Sample ID: 180-127990-6

Date Collected: 09/30/21 15:46

Matrix: Water

Date Received: 10/02/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			374012	10/05/21 14:21	J1T	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	375056	10/13/21 09:09	MM1	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			375344	10/14/21 16:10	RSK	TAL PIT
Instrument ID: A										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	374236	10/06/21 11:39	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			374194	10/05/21 14:37	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Analyst References:

Lab: TAL PIT

Batch Type: Prep

MM1 = Mary Beth Miller

Batch Type: Analysis

CMT = Cassandra Tlumac

J1T = Jianwu Tang

KMM = Kendric Moore

RSK = Robert Kurtz

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Client Sample Results

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Client Sample ID: BC-0.8a

Lab Sample ID: 180-127990-1

Date Collected: 09/30/21 18:55

Matrix: Water

Date Received: 10/04/21 09:35

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.8		1.0	0.71	mg/L			10/05/21 11:04	1
Fluoride	0.16		0.10	0.026	mg/L			10/05/21 11:04	1
Sulfate	4.2		1.0	0.76	mg/L			10/05/21 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.039		0.080	0.039	mg/L		10/13/21 09:09	10/14/21 15:52	1
Calcium	9.4		0.50	0.13	mg/L		10/13/21 09:09	10/14/21 15:52	1
Cobalt	0.00031	J	0.0025	0.00013	mg/L		10/13/21 09:09	10/14/21 15:52	1
Lithium	<0.0034		0.0050	0.0034	mg/L		10/13/21 09:09	10/14/21 15:52	1
Magnesium	4.7		0.50	0.083	mg/L		10/13/21 09:09	10/14/21 15:52	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		10/13/21 09:09	10/14/21 15:52	1
Potassium	2.3		0.50	0.16	mg/L		10/13/21 09:09	10/14/21 15:52	1
Sodium	9.3		0.50	0.35	mg/L		10/13/21 09:09	10/14/21 15:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	92		10	10	mg/L			10/06/21 11:39	1
Total Alkalinity as CaCO3 to pH 4.5	54		5.0	5.0	mg/L			10/05/21 13:41	1
Bicarbonate Alkalinity as CaCO3	54		5.0	5.0	mg/L			10/05/21 13:41	1

Client Sample Results

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Client Sample ID: BC-0.5.7

Lab Sample ID: 180-127990-2

Date Collected: 09/30/21 17:20

Matrix: Water

Date Received: 10/04/21 09:35

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.9		1.0	0.71	mg/L			10/05/21 11:22	1
Fluoride	0.13		0.10	0.026	mg/L			10/05/21 11:22	1
Sulfate	6.7		1.0	0.76	mg/L			10/05/21 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.043	J	0.080	0.039	mg/L		10/13/21 09:09	10/14/21 15:56	1
Calcium	9.9		0.50	0.13	mg/L		10/13/21 09:09	10/14/21 15:56	1
Cobalt	0.00045	J	0.0025	0.00013	mg/L		10/13/21 09:09	10/14/21 15:56	1
Magnesium	5.0		0.50	0.083	mg/L		10/13/21 09:09	10/14/21 15:56	1
Potassium	2.4		0.50	0.16	mg/L		10/13/21 09:09	10/14/21 15:56	1
Sodium	9.6		0.50	0.35	mg/L		10/13/21 09:09	10/14/21 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		10	10	mg/L			10/06/21 11:39	1
Total Alkalinity as CaCO3 to pH 4.5	54		5.0	5.0	mg/L			10/05/21 13:47	1
Bicarbonate Alkalinity as CaCO3	54		5.0	5.0	mg/L			10/05/21 13:47	1

Client Sample Results

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Client Sample ID: BC-0.5.6

Lab Sample ID: 180-127990-3

Date Collected: 09/30/21 17:05

Matrix: Water

Date Received: 10/04/21 09:35

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.2		1.0	0.71	mg/L			10/05/21 13:27	1
Fluoride	0.15		0.10	0.026	mg/L			10/05/21 13:27	1
Sulfate	6.7		1.0	0.76	mg/L			10/05/21 13:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.039		0.080	0.039	mg/L		10/13/21 09:09	10/14/21 15:59	1
Calcium	9.7		0.50	0.13	mg/L		10/13/21 09:09	10/14/21 15:59	1
Cobalt	0.00033	J	0.0025	0.00013	mg/L		10/13/21 09:09	10/14/21 15:59	1
Lithium	<0.0034		0.0050	0.0034	mg/L		10/13/21 09:09	10/14/21 15:59	1
Magnesium	4.9		0.50	0.083	mg/L		10/13/21 09:09	10/14/21 15:59	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		10/13/21 09:09	10/14/21 15:59	1
Potassium	2.3		0.50	0.16	mg/L		10/13/21 09:09	10/14/21 15:59	1
Sodium	9.2		0.50	0.35	mg/L		10/13/21 09:09	10/14/21 15:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	97		10	10	mg/L			10/06/21 11:39	1
Total Alkalinity as CaCO3 to pH 4.5	55		5.0	5.0	mg/L			10/05/21 14:19	1
Bicarbonate Alkalinity as CaCO3	55		5.0	5.0	mg/L			10/05/21 14:19	1

Client Sample Results

Client: Southern Company
 Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Client Sample ID: BC-0.5.5

Lab Sample ID: 180-127990-4

Date Collected: 09/30/21 16:41

Matrix: Water

Date Received: 10/04/21 09:35

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.0		1.0	0.71	mg/L			10/05/21 13:45	1
Fluoride	0.11		0.10	0.026	mg/L			10/05/21 13:45	1
Sulfate	6.6		1.0	0.76	mg/L			10/05/21 13:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.041	J	0.080	0.039	mg/L		10/13/21 09:09	10/14/21 16:03	1
Calcium	10		0.50	0.13	mg/L		10/13/21 09:09	10/14/21 16:03	1
Cobalt	0.00056	J	0.0025	0.00013	mg/L		10/13/21 09:09	10/14/21 16:03	1
Lithium	<0.0034		0.0050	0.0034	mg/L		10/13/21 09:09	10/14/21 16:03	1
Magnesium	4.9		0.50	0.083	mg/L		10/13/21 09:09	10/14/21 16:03	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		10/13/21 09:09	10/14/21 16:03	1
Potassium	2.3		0.50	0.16	mg/L		10/13/21 09:09	10/14/21 16:03	1
Sodium	9.5		0.50	0.35	mg/L		10/13/21 09:09	10/14/21 16:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			10/06/21 11:39	1
Total Alkalinity as CaCO3 to pH 4.5	52		5.0	5.0	mg/L			10/05/21 14:25	1
Bicarbonate Alkalinity as CaCO3	52		5.0	5.0	mg/L			10/05/21 14:25	1

Client Sample Results

Client: Southern Company
 Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Client Sample ID: BC-BR
 Date Collected: 09/30/21 16:16
 Date Received: 10/04/21 09:35

Lab Sample ID: 180-127990-5
 Matrix: Water

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.3		1.0	0.71	mg/L			10/05/21 14:03	1
Fluoride	0.12		0.10	0.026	mg/L			10/05/21 14:03	1
Sulfate	7.0		1.0	0.76	mg/L			10/05/21 14:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.039		0.080	0.039	mg/L		10/13/21 09:09	10/14/21 16:07	1
Calcium	10		0.50	0.13	mg/L		10/13/21 09:09	10/14/21 16:07	1
Cobalt	0.00042	J	0.0025	0.00013	mg/L		10/13/21 09:09	10/14/21 16:07	1
Lithium	<0.0034		0.0050	0.0034	mg/L		10/13/21 09:09	10/14/21 16:07	1
Magnesium	5.0		0.50	0.083	mg/L		10/13/21 09:09	10/14/21 16:07	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		10/13/21 09:09	10/14/21 16:07	1
Potassium	2.4		0.50	0.16	mg/L		10/13/21 09:09	10/14/21 16:07	1
Sodium	9.5		0.50	0.35	mg/L		10/13/21 09:09	10/14/21 16:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	96		10	10	mg/L			10/06/21 11:39	1
Total Alkalinity as CaCO3 to pH 4.5	52		5.0	5.0	mg/L			10/05/21 14:32	1
Bicarbonate Alkalinity as CaCO3	52		5.0	5.0	mg/L			10/05/21 14:32	1

Client Sample Results

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Client Sample ID: BC-0.3

Lab Sample ID: 180-127990-6

Date Collected: 09/30/21 15:46

Matrix: Water

Date Received: 10/02/21 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.3	F1	1.0	0.71	mg/L			10/05/21 14:21	1
Fluoride	0.12	F1	0.10	0.026	mg/L			10/05/21 14:21	1
Sulfate	6.3	F1	1.0	0.76	mg/L			10/05/21 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.039		0.080	0.039	mg/L		10/13/21 09:09	10/14/21 16:10	1
Calcium	10		0.50	0.13	mg/L		10/13/21 09:09	10/14/21 16:10	1
Cobalt	0.00029	J	0.0025	0.00013	mg/L		10/13/21 09:09	10/14/21 16:10	1
Lithium	<0.0034		0.0050	0.0034	mg/L		10/13/21 09:09	10/14/21 16:10	1
Magnesium	4.9		0.50	0.083	mg/L		10/13/21 09:09	10/14/21 16:10	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		10/13/21 09:09	10/14/21 16:10	1
Potassium	2.4		0.50	0.16	mg/L		10/13/21 09:09	10/14/21 16:10	1
Sodium	9.4		0.50	0.35	mg/L		10/13/21 09:09	10/14/21 16:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	96		10	10	mg/L			10/06/21 11:39	1
Total Alkalinity as CaCO3 to pH 4.5	54		5.0	5.0	mg/L			10/05/21 14:37	1
Bicarbonate Alkalinity as CaCO3	54		5.0	5.0	mg/L			10/05/21 14:37	1

QC Sample Results

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-374012/7
Matrix: Water
Analysis Batch: 374012

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			10/05/21 09:35	1
Fluoride	<0.026		0.10	0.026	mg/L			10/05/21 09:35	1
Sulfate	<0.76		1.0	0.76	mg/L			10/05/21 09:35	1

Lab Sample ID: LCS 180-374012/6
Matrix: Water
Analysis Batch: 374012

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	54.6		mg/L		109	90 - 110
Fluoride	2.50	2.68		mg/L		107	90 - 110
Sulfate	50.0	53.4		mg/L		107	90 - 110

Lab Sample ID: 180-127990-6 MS
Matrix: Water
Analysis Batch: 374012

Client Sample ID: BC-0.3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	9.3	F1	50.0	58.6		mg/L		99	90 - 110
Fluoride	0.12	F1	2.50	2.69		mg/L		103	90 - 110
Sulfate	6.3	F1	50.0	56.3		mg/L		100	90 - 110

Lab Sample ID: 180-127990-6 MSD
Matrix: Water
Analysis Batch: 374012

Client Sample ID: BC-0.3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	9.3	F1	50.0	50.2	F1	mg/L		82	90 - 110	16	20
Fluoride	0.12	F1	2.50	2.24	F1	mg/L		85	90 - 110	18	20
Sulfate	6.3	F1	50.0	46.9	F1	mg/L		81	90 - 110	18	20

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-375056/1-A
Matrix: Water
Analysis Batch: 375344

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 375056

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.039		0.080	0.039	mg/L		10/13/21 09:09	10/14/21 13:26	1
Calcium	<0.13		0.50	0.13	mg/L		10/13/21 09:09	10/14/21 13:26	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		10/13/21 09:09	10/14/21 13:26	1
Lithium	<0.0034		0.0050	0.0034	mg/L		10/13/21 09:09	10/14/21 13:26	1
Magnesium	<0.083		0.50	0.083	mg/L		10/13/21 09:09	10/14/21 13:26	1
Molybdenum	<0.00061		0.015	0.00061	mg/L		10/13/21 09:09	10/14/21 13:26	1
Potassium	<0.16		0.50	0.16	mg/L		10/13/21 09:09	10/14/21 13:26	1
Sodium	<0.35		0.50	0.35	mg/L		10/13/21 09:09	10/14/21 13:26	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

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

Lab Sample ID: LCS 180-375056/2-A
Matrix: Water
Analysis Batch: 375344

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 375056

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	1.25	1.20		mg/L		96	80 - 120
Calcium	25.0	25.3		mg/L		101	80 - 120
Cobalt	0.500	0.504		mg/L		101	80 - 120
Lithium	0.500	0.502		mg/L		100	80 - 120
Magnesium	25.0	23.8		mg/L		95	80 - 120
Molybdenum	0.500	0.514		mg/L		103	80 - 120
Potassium	25.0	23.5		mg/L		94	80 - 120
Sodium	25.0	24.4		mg/L		98	80 - 120

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

Lab Sample ID: MB 180-374236/2
Matrix: Water
Analysis Batch: 374236

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	<10		10	10	mg/L			10/06/21 11:39	1

Lab Sample ID: LCS 180-374236/1
Matrix: Water
Analysis Batch: 374236

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	422	406		mg/L		96	80 - 120

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-374194/6
Matrix: Water
Analysis Batch: 374194

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			10/05/21 13:03	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			10/05/21 13:03	1

Lab Sample ID: LCS 180-374194/5
Matrix: Water
Analysis Batch: 374194

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	250	246		mg/L		98	90 - 110

Lab Sample ID: LLCS 180-374194/4
Matrix: Water
Analysis Batch: 374194

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.0	17.1		mg/L		114	75 - 125

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

HPLC/IC

Analysis Batch: 374012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-127990-1	BC-0.8a	Total/NA	Water	EPA 300.0 R2.1	
180-127990-2	BC-0.5.7	Total/NA	Water	EPA 300.0 R2.1	
180-127990-3	BC-0.5.6	Total/NA	Water	EPA 300.0 R2.1	
180-127990-4	BC-0.5.5	Total/NA	Water	EPA 300.0 R2.1	
180-127990-5	BC-BR	Total/NA	Water	EPA 300.0 R2.1	
180-127990-6	BC-0.3	Total/NA	Water	EPA 300.0 R2.1	
MB 180-374012/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-374012/6	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-127990-6 MS	BC-0.3	Total/NA	Water	EPA 300.0 R2.1	
180-127990-6 MSD	BC-0.3	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 375056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-127990-1	BC-0.8a	Total Recoverable	Water	3005A	
180-127990-2	BC-0.5.7	Total Recoverable	Water	3005A	
180-127990-3	BC-0.5.6	Total Recoverable	Water	3005A	
180-127990-4	BC-0.5.5	Total Recoverable	Water	3005A	
180-127990-5	BC-BR	Total Recoverable	Water	3005A	
180-127990-6	BC-0.3	Total Recoverable	Water	3005A	
MB 180-375056/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-375056/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 375344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-127990-1	BC-0.8a	Total Recoverable	Water	EPA 6020B	375056
180-127990-2	BC-0.5.7	Total Recoverable	Water	EPA 6020B	375056
180-127990-3	BC-0.5.6	Total Recoverable	Water	EPA 6020B	375056
180-127990-4	BC-0.5.5	Total Recoverable	Water	EPA 6020B	375056
180-127990-5	BC-BR	Total Recoverable	Water	EPA 6020B	375056
180-127990-6	BC-0.3	Total Recoverable	Water	EPA 6020B	375056
MB 180-375056/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	375056
LCS 180-375056/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	375056

General Chemistry

Analysis Batch: 374194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-127990-1	BC-0.8a	Total/NA	Water	SM2320 B	
180-127990-2	BC-0.5.7	Total/NA	Water	SM2320 B	
180-127990-3	BC-0.5.6	Total/NA	Water	SM2320 B	
180-127990-4	BC-0.5.5	Total/NA	Water	SM2320 B	
180-127990-5	BC-BR	Total/NA	Water	SM2320 B	
180-127990-6	BC-0.3	Total/NA	Water	SM2320 B	
MB 180-374194/6	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-374194/5	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-374194/4	Lab Control Sample	Total/NA	Water	SM2320 B	

Analysis Batch: 374236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-127990-1	BC-0.8a	Total/NA	Water	SM 2540C	

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Arkwright Surfacewater

Job ID: 180-127990-1

General Chemistry (Continued)

Analysis Batch: 374236 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-127990-2	BC-0.5.7	Total/NA	Water	SM 2540C	
180-127990-3	BC-0.5.6	Total/NA	Water	SM 2540C	
180-127990-4	BC-0.5.5	Total/NA	Water	SM 2540C	
180-127990-5	BC-BR	Total/NA	Water	SM 2540C	
180-127990-6	BC-0.3	Total/NA	Water	SM 2540C	
MB 180-374236/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-374236/1	Lab Control Sample	Total/NA	Water	SM 2540C	



Eurofins TestAmerica, Pittsburgh

301 Alpha Drive RIDC Park
 Pittsburgh, PA 15238
 Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record



Environment Testing
 America

Client Information		Sampler: Johnson/Rago		Lab PM: Brown, Shali		Carrier Tracking No(s):		COC No:			
Client Contact: SCS Contacts		Phone: 678.485.5298		E-Mail: shali.brown@eurofinset.com				Page:			
Company: GA Power		Address: 241 Ralph McGill Blvd SE		Due Date Requested:		Analysis Requested (Vertical column for analysis types: CCR App III, Major Ions, CCR App IV Metals, Cobalt, Molybdenum, Lithium)		Job #:			
City: Atlanta		State, Zip: GA, 30308		TAT Requested (days): standard				Preservation Codes:			
Phone: 404-506-7116(Tel)		Email: SCS Contacts		PO #:				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 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)			
Project Name: CCR - Plant Arkwright Surfacewater		Site: Georgia		Project #: 18023157				SSOW#:		Other:	
Sample Identification		Sample Date		Sample Time				Sample Type (C=comp, G=grab)		Matrix (Water, Solid, Composite, etc.)	
		9/30/21									
BC-0.8a		9/30/21		1855		G W		CCR App III - Boron, Calcium, Chloride, Fluoride, Sulfate, TDS			
BC-0.5.7		9/30/21		1720		G W		Major Ions ₂ - Mg, Na, K, total alkalinity, bicarbonate alkalinity			
BC-0.5.6		9/30/21		1705		G W		CCR App IV Metals ₃ - Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Fluoride, Lead, Lithium, Molybdenum, Selenium, Radium 226 and 228 combined			
BC-0.5.5		9/30/21		1641		G W					
BC-BR		9/30/21		1616		G W					
BC-0.3		9/30/21		1546		G W					
 180-127990-02 Chain of Custody											
Possible Hazard Identification <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					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <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: 10-1-21 1715		Company:		Received by: <i>[Signature]</i>		Date/Time: 10/1/21 1715		Company:	
Relinquished by: <i>[Signature]</i>		Date/Time: 10/1/21 1715		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:							

Rec'd 10/4/21 9:35

1
2
3
4
5
6
7
8
9
10
11
12
13

1
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13

eurofins

En
Test

639
1200
4745
1002

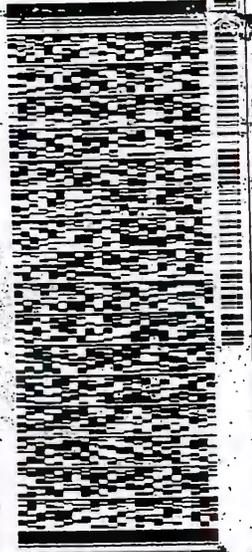
Part # 159469434 RTT EXP 11/21

g.

ORIGIN ID: LTYA (678) 966-9991
GEORGE WYLER
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NM
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 10/22/2021
ACTMET: 59
CAD: 859162
BILL THIRD PARTY

TO: SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238



MPS# 2 of 3
5220 7113 4745
02631
Mstr# 5220 7113 4734

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO AGCA

PA-US
15238
PIT



180-127990 Waybill

Uncorrected temp
Thermometer ID
CF Initials
PT-M-SR-001 effective 11/8/16

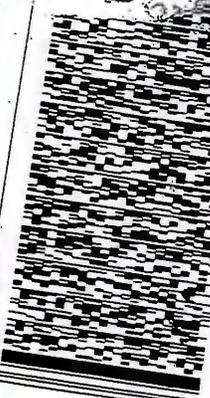
 eurofins

Environment Testing
TestAmerica

ORIGIN ID: IYA (678) 966-9991
GEORGE INTLOR
EUROFINS TESTING AMERICA ATL
SUITE REGENCY PARKWAY NW
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 01OCT21
ACTWT: 59.95 LB
CAD: 859116/CNF/E3506
BILL THIRD PARTY

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238



113 4756
7113 4734
IGCA

SATURDAY 12:00P
PRIORITY OVERNIGHT

15238
PA-US PIT

FedEx 2 of 2
MPS# 5220 7113 4756
0263

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO AGCA

Uncorrected temp
Thermometer ID

CF O Initials

PT-W-SR-001 effective 11/8/18



FTN - 5439015.010C21.NCF.5F0C31R01/R51P

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-127990-1

Login Number: 127990

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Abernathy, Eric L

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	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-127990-1

Login Number: 127990

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 2

Creator: Kovitch, Christina M

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.	False	
Cooler Temperature is recorded.	True	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



DATA QUALITY EVALUATION

Data Evaluation Narrative

Project: Plant Arkwright Second Semiannual Event

Wood Project Number: 6122201429.2103.****

Site: Ash Pond No. 2 – Former Plant Arkwright, Georgia

Matrix: Groundwater

Eurofins TestAmerica SDG No: 180-126791-1

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the Second Semiannual groundwater sampling event conducted at Ash Pond No. 2 (Dry Ash Stockpile) at the former Plant Arkwright, located in Arkwright, Georgia in September 2021 for Southern Company Services (SCS). The samples were collected and analyzed per the protocols presented in the *Draft Former Plant Arkwright Field Sampling Plan (FSP)* (SCS, 2016) and in accordance with the monitoring requirements of §§ 257.90 through 257.95 as referenced in the Georgia Environmental Protection Division (EPD) Rules 391-3-4-10(6)(a)-(c) and 391-3-4-.14. GA EPD rule 391-3-4-.10(6)(a) incorporates by reference the United States Environmental Protection Agency (USEPA) Coal Combustion Residuals (CCR) Rule 40 Code of Federal Regulations (CFR) § 257 Subpart D.

The following sections provide summary discussions of the required data qualifications for the analytical methods for samples collected. A Level II DQE validation was performed on the samples analyzed by the fixed-based laboratory within these sample delivery groups (SDGs). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory’s precision and accuracy limits, the method requirements, and the SCS Field Sampling Plan (FSP) (SCS, 2016). DQE data qualifications were applied, if necessary, using the procedures in USEPA Region IV *Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy* (USEPA, 2011) and the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

<u>Qualifier</u>	<u>Usable Data</u>
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. <i>SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.</i>
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.

<u>Qualifier</u>	<u>Usable Data (continued)</u>
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. <i>Note: SCS does not use the "U" flag except when reporting results for radium that are detected below the Minimum Detection Concentration (MDC).</i>
U*	This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

<u>Qualifier</u>	<u>Unusable Data</u>
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed.
UR	The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection; however, the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in this SDG are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The data package as submitted to Wood Environment & Infrastructure Solutions, Inc. (Wood) is complete to perform a Level II DQE for USEPA Methods SW6020B, SW7470A, EPA 300.0 R2.1, SM 2540C, SW9034, SM 2320B, SW9060A, and EPA 1632.

Sample Integrity

The groundwater samples were submitted to Eurofins TestAmerica in Pittsburgh, Pennsylvania (TAL PIT) and analyzed for Appendix I, III and IV parameters with some locations selected for additional Monitored Natural Attenuation (MNA) parameters and/or speciated arsenic. The methods include CCR total and/or dissolved metals including Appendix I (State Permit metals), Appendix III and Appendix IV metals by Methods SW6020B and SW7470A, anions (bromide, chloride, fluoride, sulfate, nitrate, nitrite, and/or ortho-phosphate) by Method 300.0 R2.1, total dissolved solids (TDS) by Method SM 2540C, sulfide by Method SW9034, total, carbonate, and bicarbonate alkalinity (as CaCO₃) by Method SM 2320B, total organic carbon (TOC) by Method SW9060A, and/or arsenic speciation by EPA 1632. The arsenic speciation analysis was performed by Eurofins Frontier Global Sciences, LLC located in Tacoma, Washington. The samples were also analyzed for radium-226 and 228 combined by Methods SW9315 and SW9320. The radium analyses were performed at Eurofins TAL St. Louis, Missouri laboratory (TAL SL) and reported in SDG 180-126791-2. The DQE for the radium analyses is presented separately.

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact and within the temperature range and preservation requirements. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following groundwater and quality control (QC) samples:

Sample ID	Sample Date	DQE Level	Sample ID	Sample Date	DQE Level
Ash Pond No. 2					
ARGWA-19*	09/07/21	II	ARAMW-8*	09/09/21	II
ARGWA-20*	09/08/21	II	ARAMW-2**	09/10/21	II
ARAMW-1*	09/09/21	II	QC Samples		
ARGWC-21	09/08/21	II	EB-1**	09/08/21	II
ARGWC-23*	09/09/21	II	FB-1**	09/09/21	II
ARGWC-22*	09/10/21	II	DUP-1**	09/10/21	II
ARAMW-7*	09/10/21	II			

* Additionally analyzed for MNA parameters

**Additionally analyzed for MNA parameters and speciated arsenic

These samples were collected from the Ash Pond No. 2 monitoring wells listed above between September 7 and September 10, 2021. Each of the sample IDs above were amended with a sample date code (-mmddyy) by Wood to create unique IDs in the database. Sample DUP-1 is a field duplicate of ARAMW-2. Sample EB-1 is an equipment blank, and sample FB-1 is a field blank. The equipment blank sample associations are listed below:

<u>Equipment Blank</u>	<u>Associated Samples</u>
EB-1 (peristaltic pump)	ARAMW-1, ARAMW-2, DUP-1, ARAMW-7, ARAMW-8, ARGWC-22, ARGWC-23

The analytical results for the metals, anions, TDS, sulfide, alkalinity, TOC, and arsenic speciation data are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Metals (SW6020B/7470A)

The samples were submitted to TAL PIT for CCR metals including Appendix I (State Permit metals), Appendix III and Appendix IV metals plus silver and monitored natural attenuation (MNA) metals by Method SW6020B and mercury by Method SW7470A. The CCR Appendix I metals are cadmium (Cd), potassium (K), magnesium (Mg), sodium (Na), silver (Ag) and dissolved iron (Fe) and dissolved manganese (Mn), and the Appendix III metals are boron (B) and calcium (Ca). The CCR Appendix IV metals are antimony (Sb), arsenic (As), barium (Ba), beryllium (Be), chromium (Cr), cobalt (Co), lead (Pb), lithium (Li), molybdenum (Mo), selenium (Se), and thallium (Tl). Additional metals analyzed to support MNA are total iron, total manganese, and silicon dioxide. Each of the Level II components were within QC limits except for method and equipment blank contamination, and dissolved versus total metals.

Holding Times

The sample analyses were performed within the 6-month analysis holding time.

Method Blanks

One of the method blanks associated with the samples analyzed within this SDG contained a reportable concentration of total thallium, and associated results less than ten times the blank value are considered estimated or not detected.

Action: No qualification was necessary because thallium was not detected in the associated samples.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

An MS/MSD was performed on samples ARGWC-21 for mercury, and the recoveries and RPDs were within QC limits.

Post Digestion Spike (PDS)

A PDS analysis was not available for review.

Field Duplicate Precision

One field duplicate pair was collected with this SDG, and the RPDs were within QC limits for results greater than or equal to five times the reporting limit.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was measured through the collection of equipment/rinsate blanks and field blanks. Equipment rinsate blanks are collected to monitor the decontamination process on non-dedicated sampling equipment. Field blanks are collected to assess the water used to decontaminate the equipment and the containers into which samples are placed. Field blank FB-1 did not contain metals, and equipment blank EB-1 reported boron and thallium between the MDL and the RL. Results less than ten times the blank are considered not detected as a possible field artifact: **Reason Code: BE**

Action: The boron results for ARAMW-8 and ARGWC-23 were qualified as not detected due to equipment blank contamination and flagged "U". No qualification was necessary for thallium because it was not detected in the associated samples.*

Reporting Limits

The laboratory RLs met the SCS project RLs and were below the screening values for samples submitted for the analysis of metals by USEPA Method SW6020B, and no samples required a dilution. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier is maintained by the data validator.

Total and Dissolved Metals Comparison

If total and dissolved metals samples were collected, comparison of the total and dissolved results can aid in the representativeness of the total metals value versus the metals that may be associated with suspended solids and metals actually dissolved within the water column. The dissolved metals results were greater than the total metals results for iron and manganese in samples ARAMW-2 and DUP-1, and iron in ARAMW-7. If the dissolved result is more than 10% greater than the associated total result, both are considered estimated: **Reason Code: TvD**

Action: The iron and manganese results for samples ARAMW-2 and DUP-1 were qualified as estimated and flagged "J", and no qualification was necessary for ARAMW-7.

Anions (EPA 300.0 R2.1)

The samples were submitted to TAL PIT for various anions (bromide, chloride, fluoride, sulfate, nitrate, nitrite, and/or ortho-phosphate) by Method 300.0 R2.1. Bromide, nitrate, nitrite, and ortho-phosphate were added for MNA evaluation. Each of the Level II components were within the QC limits except for holding time and MS/MSD recoveries.

Holding Times

The sample analyses were performed within the 28-day and 48-hour analysis holding times except for ortho-phosphate for samples ARGWA-19, EB-1, and ARGWA-20, and associated results are considered estimated: **Reason Code: H**

Action: The ortho-phosphate results for samples ARGWA-19, EB-1, and ARGWA-20 were qualified as not detected with an approximate reporting limit and flagged "UJ".

Method Blanks

The method blank associated with the samples analyzed in this SDG contained no reportable detections of anions.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs for anions were performed on Ash Pond No. 2 samples ARGWA-20, and ARGWC-23, and the MS or MSD recovery was below the lower QC limit for ortho-phosphate in ARGWA-20 and above the QC limit for sulfate in ARGWC-23. The associated results should be considered estimated: **Reason Code: M-**

Action: The ortho-phosphate result for ARGWA-20 was qualified as not detected with an approximate RL and flagged "UJ" and the sulfate result for ARGWC-23 was qualified as estimated with a possible high bias and flagged "J".

Field Duplicate Precision

One field duplicate pair was collected with this SDG, and the RPDs were within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank sample (EB-1) and field blank sample (FB-1) did not contain reportable concentrations of anions.

Reporting Limits

The laboratory RLs met the SCS project RLs and were below the screening values for samples submitted for the analysis of anions by USEPA Method 300 R2.1. Samples that required a dilution resulted in elevated RLs. The following sample dilutions were performed:

<u>Sample</u>	<u>Anion</u>	<u>Dilution</u>
ARGWC-22	sulfate	5x
ARAMW-1	sulfate	5x
ARAMW-2	sulfate	5x
ARGWC-21	sulfate	5x
DUP-1	sulfate	5x
ARAMW-7	sulfate	20x

Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier is maintained by the data validator.

TDS (SM 2540C)

The samples were submitted to TAL PIT for TDS by Method SM 2540C. Each of the Level II components were within the QC limits.

Holding Times

The sample analyses were performed within the 7-day analysis holding time.

Method Blanks

The method blank did not contain reportable levels of TDS.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Field Duplicate Precision

One field duplicate pair in this SDG was analyzed for TDS, and the RPD was within QC limits.

Laboratory Duplicate Precision

A laboratory duplicate was analyzed on project sample DUP-1, and the RPD was within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank sample (EB-1) and field blank sample (FB-1) did not contain TDS.

Reporting Limits

The laboratory RL met the SCS project RL and was below the screening value of 500 mg/L for samples submitted for the analysis of TDS by Method SM 2540C and no samples required dilutions; therefore, RLs were met for this project. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory, however there were none in this SDG.

Sulfide (SW9034)

The samples were submitted to TAL PIT for sulfide by Method SW9034. Each of the Level II components were within the QC limits.

Holding Times

The sample analyses were performed within the 7-day analysis holding time.

Method Blanks

The method blank associated with the samples analyzed in this SDG contained no reportable detections of sulfide.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs for sulfide were performed on Ash Pond No. 2 samples ARGWA-19 and ARGWC-23, and the recoveries and RPDs were within QC limits.

Field Duplicate Precision

One field duplicate pair was collected with this SDG, and the RPD was within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank sample (EB-1) and field blank sample (FB-1) did not contain reportable concentrations of sulfide.

Reporting Limits

The laboratory RLs met the SCS project RLs and were below the screening values for samples submitted for the analysis of sulfide by USEPA Method SW9034, and no samples required a dilution. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" flags were retained by the validator.

Total, Carbonate, and Bicarbonate Alkalinity (SM 2520B)

The samples were submitted to TAL PIT for total, carbonate, and bicarbonate alkalinity (as CaCO₃) by Method SM 2520B. Each of the Level II components were within the QC limits except for LCS recoveries.

Holding Times

The sample analyses were performed within the 14-day analysis holding time.

Method Blanks

The method blank did not contain reportable levels of alkalinity.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS except for high recovery for total alkalinity in one *low-level* LCS, and associated *low-level* positive results are considered possibly biased high. **Reason Code: L+**

Action: No qualification was necessary because alkalinity was not detected in the associated samples.

Field Duplicate Precision

One field duplicate pair in this SDG was analyzed for alkalinity, and the RPDs were within QC limits.

Laboratory Duplicate Precision

Laboratory duplicates were performed on samples ARGWA-19 and ARGWA-20, and the RPDs were within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank sample (EB-1) and field blank sample (FB-1) did not contain alkalinity.

Reporting Limits

The laboratory RL met the SCS project RL for samples submitted for the analysis of alkalinity by Method SM 2520B and no samples required dilutions; therefore, RLs were met for this project. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory, however there were none in this SDG.

Total Organic Carbon (SW9060A)

The samples, except for ARGWC-21 and DUP-1, were submitted to TAL PIT for total organic carbon (TOC, as CaCO₃) by Method SW9060A. Each of the Level II components were within the QC limits.

Holding Times

The sample analyses were performed within the 28-day analysis holding time.

Method Blanks

The method blank did not contain reportable levels of TOC.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Field Duplicate Precision

One field duplicate pair in this SDG was analyzed for TOC, and the RPD was within QC limits.

Laboratory Duplicate Precision

Laboratory duplicates were not performed on any project samples in this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank sample (EB-1) and field blank sample (FB-1) did not contain TOC.

Reporting Limits

The laboratory RL met the SCS project RL for samples submitted for the analysis of TOC by Method EPA 9060A and no samples required dilutions; therefore, RLs were met for this project. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" flags were retained by the validator.

Arsenic Speciation (EPA 1632)

Samples ARAMW-2, DUP-1, FB-1, and EB-1, were submitted to Eurofins Frontier Global Sciences for arsenic speciation [As (III), As (V), and As (total)] by Method EPA 1632 as part of the MNA evaluation. Each of the Level II components were within the QC limits except for method blank, field blank, and equipment blank contamination.

Holding Times

The sample analyses were performed within the 28-day analysis holding time.

Method Blanks

One of the method blanks contained a reportable level of total As between the MDL and the RL, and associated results less than 10x the blank value are considered estimated or not detected. **Reason Code: BL**

Action: No qualification was necessary because the associated total As results were greater than 10x the blank value.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Field Duplicate Precision

One field duplicate pair (ARAMW-2/DUP-1) in this SDG was analyzed for arsenic speciation, and the RPDs were within laboratory QC limits of 35%.

Laboratory Duplicate Precision

Laboratory duplicates were not performed on any project samples in this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank sample (EB-1) and field blank sample (FB-1) contained reportable levels of As (V), and associated results less than 10x the blank value are considered estimated or not detected. **Reason Code: BE**

Action: No qualification was necessary because the associated As (V) results were greater than 10x the blank value.

Reporting Limits

The laboratory RL were elevated for samples submitted for the analysis of arsenic speciation by Method EPA 1632 due to dilutions to bring the results in the calibration range of the instrument. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory, however there were none in this SDG.

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan and validation SOPs. Professional judgment was not used to modify flags for results reported in samples presented in this SDG.

Completeness

A total of 9 wells, along with the required QC samples, were sampled and analyzed during the 2021 Second Semiannual event at Ash Pond No. 2 according to the FSP. The 9 well locations along with field duplicate, field blank, and equipment blank samples were reported in this SDG and were sampled and analyzed as scoped. Therefore, both field and analytical completeness calculated for this SDG was 100%.

References

SCS, 2016, Draft Field Sampling Plan – Former Plant Arkwright, Georgia Power Company, Earth Science and Environmental Engineering Technical Services, Southern Company Services, Inc. (SCS), August 17, 2016. Permit modification to include the Appendix III and IV sampling requirements; approval of modified permit and FSP pending.

USEPA, 2011. Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0; September 2011.

USEPA, 2020. *National Functional Guidelines for Inorganic Superfund Methods Data Review*, Final, EPA 542-R20-006, November 2020.

Prepared by/Date: DWK 10/21/21

Checked by/Date: JAH 11/22/21

**TABLE 1
SUMMARY OF DATA QUALIFIERS**

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 180-126791-1
SAMPLING DATES: September 7 - September 10, 2021
Plant Arkwright Ash Pond No. 2 - Second Semiannual Event

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
ARAMW-1	ARAMW-1	N	180-126791-1	9060A	total organic carbon	0.68	J	J	--	mg/L
ARAMW-1	ARAMW-1	N	180-126791-1	6020B	cobalt	0.00072	J	J	--	mg/L
ARAMW-1	ARAMW-1	N	180-126791-1	6020B	molybdenum	0.0059	J	J	--	mg/L
ARAMW-2	ARAMW-2	N	180-126791-1	6020B	dissolved iron	38		J	TvD	mg/L
ARAMW-2	ARAMW-2	N	180-126791-1	6020B	dissolved manganese	2.2		J	TvD	mg/L
ARAMW-2	ARAMW-2	N	180-126791-1	6020B	cobalt	0.0022	J	J	--	mg/L
ARAMW-2	ARAMW-2	N	180-126791-1	6020B	iron	30		J	TvD	mg/L
ARAMW-2	ARAMW-2	N	180-126791-1	6020B	manganese	1.8		J	TvD	mg/L
ARAMW-7	ARAMW-7	N	180-126791-1	300.0 R2.1	fluoride	0.032	J	J	--	mg/L
ARAMW-7	ARAMW-7	N	180-126791-1	9060A	total organic carbon	0.71	J	J	--	mg/L
ARAMW-8	ARAMW-8	N	180-126791-1	300.0 R2.1	nitrate	0.078	J	J	--	mg/L
ARAMW-8	ARAMW-8	N	180-126791-1	6020B	boron	0.53		U*	BE	mg/L
ARAMW-8	ARAMW-8	N	180-126791-1	9060A	total organic carbon	0.69	J	J	--	mg/L
ARGWA-19	ARGWA-19	N	180-126791-1	300.0 R2.1	ortho-phosphate	<0.5	UH	UJ	H	mg/L
ARGWA-19	ARGWA-19	N	180-126791-1	9034	sulfide	2.5	J	J	--	mg/L
ARGWA-19	ARGWA-19	N	180-126791-1	6020B	lithium	0.0034	J	J	--	mg/L
ARGWA-20	ARGWA-20	N	180-126791-1	300.0 R2.1	fluoride	0.067	J	J	--	mg/L
ARGWA-20	ARGWA-20	N	180-126791-1	300.0 R2.1	ortho-phosphate	<0.5	UHF1	UJ	H, M-	mg/L
ARGWA-20	ARGWA-20	N	180-126791-1	9034	sulfide	2.7	J	J	--	mg/L
ARGWA-20	ARGWA-20	N	180-126791-1	6020B	dissolved iron	0.049		J	--	mg/L
ARGWA-20	ARGWA-20	N	180-126791-1	6020B	dissolved manganese	0.0039		J	--	mg/L
ARGWA-20	ARGWA-20	N	180-126791-1	6020B	boron	0.064	J	J	--	mg/L
ARGWA-20	ARGWA-20	N	180-126791-1	6020B	cobalt	0.0005	J	J	--	mg/L
ARGWA-20	ARGWA-20	N	180-126791-1	6020B	lead	0.00024	J	J	--	mg/L
ARGWC-21	ARGWC-21	N	180-126791-1	9034	sulfide	2.2	J	J	--	mg/L
ARGWC-21	ARGWC-21	N	180-126791-1	6020B	cobalt	0.0007	J	J	--	mg/L
ARGWC-22	ARGWC-22	N	180-126791-1	300.0 R2.1	fluoride	0.035	J	J	--	mg/L
ARGWC-22	ARGWC-22	N	180-126791-1	6020B	cobalt	0.0015	J	J	--	mg/L
ARGWC-22	ARGWC-22	N	180-126791-1	6020B	selenium	0.002	J	J	--	mg/L
ARGWC-23	ARGWC-23	N	180-126791-1	300.0 R2.1	sulfate	72	F1	J	M-	mg/L
ARGWC-23	ARGWC-23	N	180-126791-1	9060A	total organic carbon	0.84	J	J	--	mg/L
ARGWC-23	ARGWC-23	N	180-126791-1	6020B	boron	0.41		U*	BE	mg/L
ARGWC-23	ARGWC-23	N	180-126791-1	6020B	cobalt	0.0009	J	J	--	mg/L
DUP-1	ARAMW-2	FD	180-126791-1	6020B	dissolved iron	41		J	TvD	mg/L
DUP-1	ARAMW-2	FD	180-126791-1	6020B	dissolved manganese	2.3		J	TvD	mg/L
DUP-1	ARAMW-2	FD	180-126791-1	6020B	cobalt	0.0023	J	J	--	mg/L
DUP-1	ARAMW-2	FD	180-126791-1	6020B	iron	31		J	TvD	mg/L
DUP-1	ARAMW-2	FD	180-126791-1	6020B	manganese	1.8		J	TvD	mg/L
EB-2	Equipment Blank	EB	180-126791-1	300.0 R2.1	ortho-phosphate	<0.5	UH	UJ	H	mg/L
EB-2	Equipment Blank	EB	180-126791-1	6020B	boron	0.053	J	J	--	mg/L
EB-2	Equipment Blank	EB	180-126791-1	6020B	thallium	0.00016	J	J	--	mg/L

Laboratory Qualifiers:

F1 = MS and/or MSD recovery exceeds control limits.
 H = Sample was prepped or analyzed beyond the specified holding time.
 J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Reason Codes:

BE = Equipment blank contamination. The result should be considered "not-detected".
 TvD = Total versus dissolved precision.
 H = Holding time was exceeded
 M- = MS and MSD recoveries outside acceptance limits. The result may be biased low.
 -- = No Reason Code assigned for values detected between the method detection limit (MDL) and the reporting limit (RL); estimated quantitation.

Validation Qualifiers:

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only. The associated numerical value is the approximate concentration of the analyte in the sample.
 UJ = The analyte was analyzed for, but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.
 U* = This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

Prepared by/Date: DWK 10/21/21
 Checked by/Date: JAH 11/09/21

DQE CHECKLISTS

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Arkwright AP2 CCR Second Semiannual Event

Project No: 6122201429.2103.****

Method: Metals by SW6020B/SW7470A

Laboratory and Lot: TAL PIT SDG: 180-126791-1

Reviewer/Date: D. Knaub 10/21/21 **Senior Reviewer/Date:** J. Hartness 11/08/21

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
			Metals listed on COC are App III App IV, Major ions + Ag, MNA metals: <i>App. III:</i> B and Ca <i>App. IV:</i> Sb, As, Ba, Be, Cr, Co, Pb, Li, Mo, Se, and Tl <i>App. I:</i> K, Mg, Na, Cd, Ag, diss. Fe, and diss. Mn, <i>MNA metals:</i> SiO ₂ , tot. Fe, tot. Mn <u>No tot and diss for ARGWC-21</u>

Case Narrative and COC Completeness Review
OK

Sample Preservation and cooler temperature met (HNO₃ to pH<2)
OK, 2.5, 2.5, 2.8, 3.5, 3.7, and 4.1°C

Holding times met (180 days, Hg = 28 days)
 Coll: 09/07/21-09/10/21
 Prep: metals – 09/17/21, 09/20/21, 09/21/21, 09/22/21, 09/23/21
 Hg – 09/16/21, 09/17/21, 09/20/21, 09/22/21
 Anal: metals – 09/18/21, 09/21/21, 09/22/21, 09/23/21, 09/24/21
 Hg – 09/17/21, 09/21/21, 09/22/21, 09/23/21

QC Blanks Review
Method Blanks:

- p. 42 MB 180-371921/1-A TI = **0.00061** Jx10 = **0.0061 mg/L No flags, assoc. samples ND**
- p. 43 MB 180-37115/1-A = ND p. 44 MB 180-372262/1-A = ND
- p.45 MB 180-37393/1-A = ND p. 46-47 MB 180-372399/1-A = ND
- p. 47-48 MB 180-372562/1-A Fe Mn = ND p. 48 MB 180-371676/1-A Hg = ND
- p. 48 MB 180-371761/1-A Hg = ND p. 48 MB 180-371900/1-A Hg = ND
- p. 49 MB 180-372111/1-A Hg = ND P. 49 MB 180-372112/1-A Hg = ND
- p. 49 MB 180-372445/2-A Hg = ND

Equipment Blank: (non-dedicated equip.)
 EB-1 (peristaltic) B = **0.053** J x10 = **0.53 mg/L**
Flag assoc. boron results "U*": Reason Code: BE ARAMW-8, ARGWC-23
 TI = **0.00016** J x10 = **0.0016 mg/L No flags, assoc. samples ND**
Field Blank: (DI water) FB-1 = All ND

Laboratory Control Sample (LCS) recovery within limits
(Metals 80-120%, Hg = 80-120%)

- p. 42 LCS 180-371921/2-A metals = all OK p. 43-44 LCS 180-372115/2-A metals = all OK
- p. 45 LCS 180-372262/2-A metal = all OK p. 46 LCS 180-372393/2-A metals= all OK
- p. 47 LCS 180-372399/2-A = all OK p. 48 LCS 180-372562/2-A Fe Mn = OK
- p. 48 LCS 180-371676/2-A Hg = 103% p. 48 LCS 180-371761/2-A Hg = 97%
- p. 48 LCS 180-371900/2-A Hg = 88% p. 49 LCS 180-372111/2-A Hg = 100%
- p. 49 LCS 180-372112/2-A Hg = 94% p. 49 LCS 180-372445/2-A Hg = 101%

Metals by SW6020B and SW7470A (cont.)

YES NO NA

COMMENTS

Lab Duplicate - Field Duplicate precision goals met (20%)

Results in mg/L and total unless noted

metal	ARAMW-2	DUP-1	RPD/Diff	RL
As	0.044	0.046	4.4%	
Ba	0.13	0.13	0.0%	
B	0.85	0.95	11.1%	
Ca	130	130	0.0%	
Co	0.0022 J	0.0023 J	0.0001	0.0025
Li	0.025	0.029	14.8%	
Fe tot	30	31	3.3%	
K	9.2	9.2	0.0%	
Mg	47	48	2.2%	
Mn tot	1.8	1.8	0.0%	
Na	20	21	4.9%	
SiO ₂	42	42	0%	
diss Fe	38	41	7.6%	
diss. Mn	2.2	2.3	4.4%	

All RPDs/Diff OK

Matrix Spike recoveries and RPDs within limits (75-125%, RPD 20)

p. 49 ARGWC-21 Hg = 87, 86% RPD = 0

Total metals vs dissolved metals within limits

ARAMW-1 Fe (tot) = 2.1 Fe (diss) = 2.2 No flag, diss less than 10% more than tot.

Mn (tot) = 2.4 Fe (diss) = 2.3 No flag, diss less than 10% more than tot

ARAMW-2 Fe (tot) = 30 Fe (diss) = 38

Flag assoc. results "J": Reason Code: TvD

Mn (tot) = 1.8 Fe (diss) = 2.2

Flag assoc. results "J": Reason Code: TvD

DUP-1 Fe (tot) = 31 Fe (diss) = 41

Flag assoc. results "J": Reason Code: TvD

Mn (tot) = 1.8 Fe (diss) = 2.3

Flag assoc. results "J": Reason Code: TvD

ARAMW-7 Fe (tot)=5.5 Fe (diss)=5.6 No flag, diss less than 10% more than tot.

EDD Data Verification vs. Hardcopy (10% samples for each SDG)

All sample results checked vs. hardcopy.

Anions by E300.0 R2.1 (cont.)

YES NO NA

COMMENTS



Matrix Spike recoveries and RPDs within limits (lab %Rec limits, RPD = 20)

p. 38 ARGWA-20 ortho-P= **85, 87 %** RPD=2 **Flag assoc. result "UJ": Reason Code: M-**

p. 39 ARGWC-23 – SO₄ = **79, 84%** RPD = 2 **Flag assoc. result "J": Reason Code: M-**

p. 41 ARGWA-20 – All %rec and RPDs OK



EDD Data Verification vs. Hardcopy (10% samples for each SDG)

All sample results checked vs. hardcopy.

<u>Sample</u>	<u>Anion</u>	<u>Dilution</u>
ARGWC-22	sulfate	5x
ARAMW-1	sulfate	5x
ARAMW-2	sulfate	5x
ARGWC-21	sulfate	5x
DUP-1	sulfate	5x
ARAMW-7	sulfate	20x

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Arkwright AP2 CCR Second Semiannual Event

Project No: 6122201429.2103.****

Method: Total Dissolved Solids (TDS) by SM 2540C

Laboratory and Lot: TAL PIT SDG: 180-126791-1

Reviewer/Date: D. Knaub 10/21/21 **Senior Reviewer/Date:** J. Hartness 11/9/21

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>						
<input checked="" type="checkbox"/>			<p>Case Narrative and COC Completeness Review OK</p>						
<input checked="" type="checkbox"/>			<p>Sample Preservation and cooler temperature met (Cool to 6°C) OK, 2.5, 2.5, 2.8, 3.5, 3.7, and 4.1°C</p>						
<input checked="" type="checkbox"/>			<p>Holding times met (7 days) Coll: 09/07/21-09/10/21 Anal: 09/12/21 - 09/15/21</p>						
<input checked="" type="checkbox"/>			<p>QC Blanks Review <u>Method Blanks</u> p. 53 MB 180-371108/2 TDS = ND p. 53 MB 180-371225/2 TDS = ND p. 53 MB 180-371390/2 TDS = ND p. 53 MB 180-371543/2 TDS = ND p. 54 MB 180-371547/2 TDS = ND</p> <p><u>Equipment Blank:</u> <u>Field Blank:</u> EB-1 TDS = ND FB-1 TDS = ND</p>						
<input checked="" type="checkbox"/>			<p>Laboratory Control Sample (LCS) recovery within lab limits (80-120%) p. 53 LCS 180-371108/1 TDS = 97% - OK p. 53 LCS 180-371225/1 TDS = 99% - OK p. 53 LCS 180-371390/1 TDS = 99% - OK p. 53 LCS 180-371543/1 TDS = 100% - OK p. 54 LCS 180-371547/1 TDS = 100%</p>						
<input checked="" type="checkbox"/>			<p>Lab Duplicate - Field Duplicate precision goals met (20%) <i>Results in mg/L</i></p> <table border="0" style="margin-left: 40px;"> <tr> <td></td> <td style="text-align: center;"><u>ARAMW-2 = DUP-1</u></td> <td style="text-align: center;"><u>RPD</u></td> </tr> <tr> <td>TDS</td> <td style="text-align: center;">870 860</td> <td style="text-align: center;">1.2</td> </tr> </table> <p>p. 54 Lab dup on: DUP-1 RPD = 2</p>		<u>ARAMW-2 = DUP-1</u>	<u>RPD</u>	TDS	870 860	1.2
	<u>ARAMW-2 = DUP-1</u>	<u>RPD</u>							
TDS	870 860	1.2							
<input checked="" type="checkbox"/>			<p>Matrix Spike recoveries and RPDs within limits (if applicable) <i>MS/MSD not applicable for TDS</i></p>						
<input checked="" type="checkbox"/>			<p>EDD Data Verification vs. Hardcopy (10% samples for each SDG) <i>All sample results checked vs. hardcopy.</i></p>						

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Arkwright AP2 CCR Second Semiannual Event

Project No: 6122201429.2103.****

Method: Sulfide by SW9034

Laboratory and Lot: TAL PIT SDG: 180-126791-1

Reviewer/Date: D. Knaub 10/21/21 **Senior Reviewer/Date:** J. Hartness 11/9/21

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			Case Narrative and COC Completeness Review OK
<input checked="" type="checkbox"/>			Sample Preservation and cooler temp. met (ZnAc + NaOH, Cool to 6°C) OK, 2.5, 2.5, 2.8, 3.5, 3.7, and 4.1°C
<input checked="" type="checkbox"/>			Holding times met (7 days) Coll: 09/07/21-09/10/21 Prep/Anal: 09/14/21, 09/16/21
<input checked="" type="checkbox"/>			QC Blanks Review <u>Method Blanks</u> p. 50 MB 180-371374/1-A = ND p. 50 MB 180-371751/1-A = ND p. 51 MB 180-371753/1-A = ND <u>Equipment Blanks:</u> <u>Field Blanks:</u> EB-2 = ND FB-2 = ND
<input checked="" type="checkbox"/>			Laboratory Control Sample (LCS) recovery within lab limits (85-115%) p. 50 LCS 180-371374/2-A sulfide = 111% - OK p. 50 LCS 180-371751/2-A sulfide = 87% - OK p. 51 LCS 180-371753/2-A sulfide = 90% - OK
<input checked="" type="checkbox"/>			Lab Duplicate - Field Duplicate precision goals met (20%) ARAMW-2 = DUP-1 <i>Both samples were ND for sulfide</i>
<input checked="" type="checkbox"/>			Matrix Spike recoveries and RPDs within limits (if applicable) p. 50 ARGWA-19 sulfide = 84, 83% RPD = 1 p. 50 ARGWC-23 sulfide = 91, 92% RPD= 1
<input checked="" type="checkbox"/>			EDD Data Verification vs. Hardcopy (10% samples for each SDG) <i>All sample results checked vs. hardcopy.</i>

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Arkwright AP2 CCR Second Semiannual Event

Project No: 6122201429.2103.****

Method: Total, Carbonate, and Bicarbonate Alkalinity by SM2320B

Laboratory and Lot: TAL PIT SDG: 180-126791-1

Reviewer/Date: D. Knaub 10/21/21 **Senior Reviewer/Date:** J. Hartness 11/9/21

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			<p>Case Narrative and COC Completeness Review OK</p>
<input checked="" type="checkbox"/>			<p>Sample Preservation and cooler temperature met (Cool to 6°C) OK, 2.5, 2.5, 2.8, 3.5, 3.7, and 4.1°C</p>
<input checked="" type="checkbox"/>			<p>Holding times met (14 days) Coll: 09/07/21-09/10/21 Prep/Anal: 09/12/21, 09/15/21, 09/16/21, 09/21/21</p>
<input checked="" type="checkbox"/>			<p>QC Blanks Review <u>Method Blanks</u> p. 54 MB 180-371635/6 = ND p. 54-55 MB 180-371827/30 = ND p. 55 MB 180-371827/6 = ND p. 56 MB 180-372373/30 = ND p. 56 MB 180-372373/54 = ND p. 56 MB 180-372373/6 = ND p. 56 MB 180-372373/78 = ND <u>Equipment Blanks:</u> <u>Field Blanks:</u> EB-2 = ND FB-2 = ND</p>
<input checked="" type="checkbox"/>			<p>Laboratory Control Sample (LCS) recovery within lab limits (90-110%) p. 54 LCS 180-371635/5 alk = 96% p. 55 LCS 180-371827/29,28 alk = 96,96% p. 55 LLCS 180-371827/5,4 alk=96,130% Flag assoc. results "J" Reason code: L+: <i>No flags assoc results ND</i> p. 56 LCS 180-372373/29 alk = 97% p. 57 LCS 180-372373/5 alk = 96% p. 57 LCS 180-372373/53 alk = 97% p. 57 LCS 180-372373/77 alk = 98% p. 57 LLCS 180-372373/28 alk = 94% p. 57 LLCS 180-372373/4 alk = 100% p. 57 LLCS 180/372373/52 alk = 98% p. 57 LLCS 180-372373/76 alk = 96%</p>
<input checked="" type="checkbox"/>			<p>Lab Duplicate - Field Duplicate precision goals met (20%) <i>(in mg/L)</i> <u>ARAMW-2 = DUP-1</u> <u>RPD</u> alk, tot 150 150 0.0 alk, bicarb 150 150 0.0 p. 54 Lab dup ARGWA-19 RPD = 1 – OK p. 55 lab dup = ARGWA-20 RPD = 6 – OK</p>
<input checked="" type="checkbox"/>			<p>Matrix Spike recoveries and RPDs within limits (if applicable) <i>MS/MSD not applicable for alkalinity</i></p>
<input checked="" type="checkbox"/>			<p>EDD Data Verification vs. Hardcopy (10% samples for each SDG) <i>All sample results checked vs. hardcopy.</i></p>

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Arkwright AP2 CCR Second Semiannual Event

Project No: 6122201429.2103.****

Method: Total Organic Carbon (TOC) by EPA 9060A

Laboratory and Lot: TAL PIT SDG: 180-126791-1

Reviewer/Date: D. Knaub 10/21/21 **Senior Reviewer/Date:** J. Hartness 11/9/21

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			<p>Case Narrative and COC Completeness Review OK</p>
<input checked="" type="checkbox"/>			<p>Sample pres. and cooler temp. met (HCl or H₂SO₄ to pH <2, Cool to 6°C) OK, 2.5, 2.5, 2.8, 3.5, 3.7, and 4.1°C</p>
<input checked="" type="checkbox"/>			<p>Holding times met (28 days) Coll: 09/07/21-09/10/21 Anal: 09/23/21, 09/25/21, 09/29/21</p>
<input checked="" type="checkbox"/>			<p>QC Blanks Review <u>Method Blanks</u> p. 51 MB 180-372973/6 = ND p. 51 MB 180-373165/6 = ND p. 52 MB 180-373324/6 = ND p. 52 MB 180-373531/6 = ND <u>Equipment Blank:</u> <u>Field Blank:</u> EB-1 = ND FB-1 = ND</p>
<input checked="" type="checkbox"/>			<p>Laboratory Control Sample (LCS) recovery within lab limits (90-110%) p. 51 LCS 180-372973/4,5 TOC= 100,100% RPD = 0 p. 51-52 LCS 180-373165/4,5 TOC = 98,98% RPD = 0 p. 52 LCS 180-373324/5,4 TOC=98, 98% RPD = 0 p. 52 LCS 180-373531/5,4 TOC=98, 97% RPD = 1</p>
<input checked="" type="checkbox"/>			<p>Lab Duplicate - Field Duplicate precision goals met (20%) (in mg/L) <u>ARAMW-2 = DUP-1</u> <u>RPD</u> DUP-1 not anal. for TOC</p> <p style="text-align: center;">Use LCS/LCSDs above for lab dups - OK</p>
<input checked="" type="checkbox"/>			<p>Matrix Spike recoveries and RPDs within limits (if applicable) <i>None for TOC</i></p>
<input checked="" type="checkbox"/>			<p>EDD Data Verification vs. Hardcopy (10% samples for each SDG) <i>All sample results checked vs. hardcopy.</i></p>

Data Evaluation Narrative

Project: Plant Arkwright Second Semiannual Event

Wood Project Number: 6122201429.2003.****

Site: Ash Pond No. 2 – Former Plant Arkwright, Georgia

Matrix: Groundwater

Eurofins TestAmerica SDG No: 180-126791-2 (Radium)

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the Second Semiannual groundwater sampling event conducted at Ash Pond No. 2 (Dry Ash Stockpile) at the former Plant Arkwright, located in Arkwright, Georgia in September 2021 for Southern Company Services (SCS). The samples were collected and analyzed per the protocols presented in the *Draft Former Plant Arkwright Field Sampling Plan (FSP)* (SCS, 2016) and in accordance with the monitoring requirements of §§ 257.90 through 257.95 as referenced in the Georgia Environmental Protection Division (EPD) Rules 391-3-4-.10(6)(a)-(c) and 391-3-4-.14. GA EPD rule 391-3-4-.10(6)(a) incorporates by reference the United States Environmental Protection Agency (USEPA) Coal Combustion Residuals (CCR) Rule 40 Code of Federal Regulations (CFR) § 257 Subpart D.

The following sections provide summary discussions of the required data qualifications for the analytical methods for samples collected. A Level II DQE validation was performed on the samples analyzed by the fixed-based laboratory within these sample delivery groups (SDGs). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory’s precision and accuracy limits, the method requirements, and the SCS Field Sampling Plan (FSP) (SCS, 2016). DQE data qualifications were applied, if necessary, using the procedures in USEPA Region IV *Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy* (USEPA, 2011) and the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

<u>Qualifier</u>	<u>Usable Data</u>
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. <i>SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.</i>
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.

<u>Qualifier</u>	<u>Usable Data (continued)</u>
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. <i>Note: SCS does not use the "U" flag except when reporting results for radium that are detected below the Minimum Detection Concentration (MDC).</i>
U*	This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

<u>Qualifier</u>	<u>Unusable Data</u>
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed.
UR	The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection; however, the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in this SDG are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The data package as submitted to Wood Environment & Infrastructure Solutions, Inc. (Wood) is complete to perform a Level II DQE for USEPA Methods 9315 and 9320.

Sample Integrity

The groundwater samples were submitted to Eurofins TestAmerica laboratory located in St. Louis, Missouri (TAL SL) via the Pittsburgh, Pennsylvania location and analyzed for radium-226 and 228 combined by Methods SW9315 and SW9320. As requested by SCS, the radium data was reported separately from the other CCR Appendix III and IV parameters (reported in SDG 180-126791-1).

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact and within the temperature range and preservation requirements. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following groundwater and quality control (QC) samples:

Sample ID	Sample Date	DQE Level	Sample ID	Sample Date	DQE Level
<u>Ash Pond No. 2</u>			ARGWC-22	09/10/21	II
ARGWA-19	09/07/21	II	ARAMW-7	09/10/21	II
ARGWA-20	09/08/21	II	<u>QC Samples</u>		
ARGWC-21	09/08/21	II	EB-1	09/08/21	II
ARGWC-23	09/09/21	II	FB-1	09/09/21	II
ARAMW-8	09/09/21	II	DUP-1	09/10/21	II
ARAMW-1	09/09/21	II			
ARAMW-2	09/10/21	II			

These samples were collected from the Ash Pond No. 2 monitoring wells listed above between September 7 and September 10, 2021. Each of the sample IDs above were amended with a sample date code (-mmddy) by Wood to create unique IDs in the database. Sample DUP-1 is a field duplicate of ARAMW-2. Sample EB-1 is an equipment blank, and sample FB-1 is a field blank. The equipment blank sample associations are listed below:

Equipment Blank

EB-1 (peristaltic pump)

Associated Samples

ARAMW-1, ARAMW-2, DUP-1, ARAMW-7, ARAMW-8, ARGWC-22, ARGWC-23

The analytical results for the radium data are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Radium (SW9315/SW9320)

The samples were submitted to TAL SL for radium-226, radium-228 and total radium by Methods SW9315 and SW9320. Total radium was measured by calculation. Each of the Level II components were within laboratory QC limits except for method blank contamination, field duplicate RPDs, field blank contamination, and carrier recovery.

Holding Times

The sample analyses were performed within the 6 months analysis holding times.

Method Blanks

The laboratory method blanks did not contain reportable concentrations of radium-228 above the minimum detected concentration (MDC) indicating no interference from the analytical systems. One of the method blanks contained radium-226 above the MDC, and any result less than the two-sigma (2σ) normalized absolute difference (NAD) limit of 2.58 are considered "not detected" as possible lab artifacts: **Reason Code: BL**

Action: No qualification was required because the associated sample results were not detected.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits.

Laboratory Duplicate Precision

Laboratory duplicate analyses were performed via the analysis of LCSDs. The relative error ratios (RERs) between the LCS and LCSDs were within QC limits.

Field Duplicate Precision

One field duplicate pair (ARAMW-2/DUP-1) was submitted and the RPDs were outside of the QC limits for radium-226 and radium 228. **Reason Code: FD**

Action: No qualification was applied because the radium-226 and radium 228 results were less than 5x the RL and the combined radium results RPD was within QC limits.

Sampling Accuracy (Equipment Blanks, Field Blanks)

Field accuracy was measured through the collection of equipment/rinsate blanks and field blanks. Equipment rinsate blanks are collected to monitor the decontamination process on non-dedicated sampling equipment. Field blanks are collected to assess the water used to decontaminate the equipment and the containers into which samples are placed. The equipment blank (EB-02) did not contain radium-226 or radium-228 above the MDC. The field blank (FB-1) contained radium-228 above the MDC, and any result less than the two-sigma (2σ) normalized absolute difference (NAD) limit of 2.58 are considered "not detected" as possible field artifacts: **Reason Code: BF**

Action: No qualification of associated sample data was applied for field blank contamination because the detected radium-228 in FB-1 was biased high due to high carrier recovery.

Carrier and Tracer Yield Recoveries

The carrier and tracer yield recoveries for the samples and QC were within the QC limits of 40% to 110% with the exception of barium recoveries in sample FB-1 for radium-226 and radium-228. Barium recovered above the QC limits indicating a possible high bias. High bias affects positive results only. **Reason Code: Y+**

Action: No qualification was necessary for radium-226 because it was not detected in sample FB-1. However, the radium-228 result was qualified as estimated and flagged "J".

Reporting Limits/Minimum Detectable Concentrations

The RLs (MDCs) met the SCS project RLs and were below the screening level of 5 pCi/L for samples submitted for the analysis of radium-226 and radium-228 by Methods SW9315 and SW9320.

Sample results in which the values were reported at concentrations below the MDC were flagged "U" and considered not detected.

Total and Dissolved Radium Comparison

If total and dissolved radium samples were collected, comparison of the total and dissolved results can aid in the representativeness of the total radium value versus the radium that may be associated with suspended solids and radium actually dissolved within the water column. The dissolved radium results should be less than or equal to the total radium concentration for positive results greater than 5 times the RL. No total and dissolved samples were collected and reported in this SDG.

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan and validation SOPs. Professional judgment was not used to modify flags for results reported in samples presented in this SDG.

Completeness

A total of 9 wells, along with the required QC samples, were sampled and analyzed during the September 2021 event in Ash Pond No. 2 according to the FSP. The 9 well locations along with field duplicate, equipment blank, and field blank samples were reported in this SDG and were sampled and analyzed as scoped.

Therefore, both field and analytical completeness calculated for this SDG was 100%.

References

SCS, 2016, Draft Field Sampling Plan – Former Plant Arkwright, Georgia Power Company, Earth Science and Environmental Engineering Technical Services, Southern Company Services, Inc. (SCS), August 17, 2016. Permit modification to include the Appendix III and IV sampling requirements; approval of modified permit and FSP pending.

USEPA, 2011. Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0; September 2011.

USEPA, 2020. *National Functional Guidelines for Inorganic Superfund Methods Data Review*, Final, EPA 542-R20-006, November 2020.

Prepared by/Date: JPM 11/10/21
Checked by/Date: JAH 11/22/2021

TABLE 1
SUMMARY OF DATA QUALIFIERS

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 180-126791-2
SAMPLING DATES: September 7 - September 10, 2021
Plant Arkwright Ash Pond No. 2 - Second Semiannual Event

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
FB-1	Field Blank	EB	180-126791-2	9320	radium-228	0.623	X	J	Y+	mg/L

Laboratory Qualifiers:

X = Carrier is outside acceptance limits.

Reason Codes:

Y+ = Chemical yield(s) outside acceptance limits. The result may be biased high.

Validation Qualifiers:

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only. The associated numerical value is the approximate concentration of the analyte in the sample.

Prepared by/Date: JPM 11/10/21

Checked by/Date: JAH 11/15/21

DQE CHECKLISTS

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Arkwright CCR 2nd Semiannual Event

Project No: 6122201429.2003.****

Method: Radium-226, Radium-228 and Combined Radium by Methods 9315 and 9320

Laboratory and Lot: TAL PIT SDG: 180-126791-2

Reviewer/Date: J. McIntyre 11/10/2021 **Senior Reviewer/Date:** J. Hartness 11/15/21

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			<p>Case Narrative and COC Completeness Review OK – Samples anal. @ TAL-St. Louis</p>
<input checked="" type="checkbox"/>			<p>Sample Preservation and cooler temperature met (HNO₃ to pH<2) OK, 2.5, 2.5, 2.8, 3.5, 3.7, and 4.1° C.</p>
<input checked="" type="checkbox"/>			<p>Holding times met (180 days) Collected: 09/07/21-09/10/21</p> <p>Ra-226: prep: 09/15/21, 09/17/21, 09/21/21, 09/21/21, 09/22/21 anal: 10/18/21, 10/19/21, 10/20/21, 10/21/21, 10/22/21</p> <p>Ra 228: prep: 09/15/21, 09/17/21, 09/21/21, 09/22/21, 10/27/21 anal: 10/15/21, 10/18/21, 10/19/21, 10/21/21, 11/02/21</p> <p>Ra, combined: anal: 10/26/21, 11/04/21</p>
<input checked="" type="checkbox"/>			<p>QC Blanks Review (net blank value <MDC)</p> <p><u>Ra-226</u> p. 28 MB 160-527062/23-A Ra-226=0.2537 pCi/L (assoc. samples: ARGWA-19) Assoc. results < NAD 2σ (2.58) flagged "U" Reason code: BL <i>No flags req, assoc. results ND</i></p> <p>p. 28 MB 160-527079/24-A Ra-226 < MDC p. 29 MB 160-527459/23-A Ra-226 < MDC p. 29 MB 160-527855/23-A Ra-226 < MDC p. 30 MB 160-528289/23-A Ra-226 < MDC p. 31 MB 160-528331/23-A Ra-226 < MDC</p> <p><u>Ra-228</u> p. 31 MB 160-527070/23-A Ra-228 < MDC p. 32 MB 160-527215/24-A Ra-228 < MDC p. 33 MB 160-527463/24-A Ra-228 < MDC p. 33 MB 160-527862/23-A Ra-228 < MDC p. 34 MB 160-528337/23-A Ra-228 < MDC p. 35 MB 160-533805/16-A Ra-228 < MDC</p>

QC Blanks Review (net blank value <MDC)-continued

Equipment Blanks: (non-dedicated equip.)
EB-02 - All < MDC

Field Blanks: (DI water)
FB-02 - Ra-228 = 0.623 pCi/L

Assoc. results < NAD 2σ (2.58) flagged "U*" Reason code: BF
No flags applied due to biased high carrier recovery for Ra-228 in FB-1

Laboratory Control Sample (LCS) recovery within lab limits (75-125%; RPD = RER (2σ <3))

Ra-226

- p. 28 LCS/LCSD 160-527062/1-A, 2-A Ra-226 = 97, 105% RER = 0.34
- p. 29 LCS 160-527062/1-A Ra-226 = 94%
- p. 29 LCS/LCSD 160-527459/1-A, 2-A Ra-226 = 102, 96% RER = 0.24
- p. 30 LCS/LCSD 160-527855/1-A, 2-A Ra-226 = 98, 93% RER = 0.19
- p. 30 LCS/LCSD 160-528289/1-A, 2-A Ra-226 = 104, 80% RER = 0.98
- p. 31 LCS/LCSD 160-528331/1-A, 2-A Ra-226 = 82, 92% RER = 0.46

Ra-228

- p. 32 LCS/LCSD 160-527070/1-A, 2-A Ra-226 = 113, 107% RER = 0.26
- p. 32 LCS 160-527215/24-A Ra-226 = 112%
- p. 33 LCS/LCSD 160-527463/1-A, 2-A Ra-226 = 102, 95% RER = 0.28
- p. 34 LCS/LCSD 160-527862/1-A, 2-A Ra-226 = 97, 111% RER = 0.56
- p. 34-35 LCS/LCSD 160-528337/1-A, 2-A Ra-226 = 110, 120% RER = 0.38
- p. 35 LCS/LCSD 160-533805/1-A, 2-A Ra-226 = 90, 99% RER = 0.38

Lab Duplicate - Field Duplicate precision goals met (lab limits); lab dup every 10 samples (Lab Dup RPD = 25%) (Field dup RPD = 20%)

Field Duplicate: ARAMW-2 = DUP-01-091021 RPD

Ra-226	0.532	0.312	52 - no flag, <RL
Ra-228	2.87	3.84	29 - no flag, <5x RL
Ra, total	3.4	4.15	19.8

Matrix Spike recoveries and RPDs within limits (if applicable)

NA

Carrier/Tracer Yield Recovery Ra-226 (Carrier: Ba); Ra-228 (Carrier Ba, Tracer: Y) (40-110%)

FB-1

(Ra-226) Barium = 127%

(Ra-228) Barium = 127%

Flag positives "J" Reason Code: Y+

No flag for Ra-226 - ND in sample; flag Ra-228 "J"

EDD Data Verification vs. Hardcopy (10% samples for each SDG)

FIELD SAMPLING DATA

Low-Flow Test Report:

Test Date / Time: 9/7/2021 3:41:31 PM

Project: Plant Arkwright CCR

Operator Name: Daniel Howard

Location Name: ARGWA-19 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 42.74 ft Total Depth: 28.22 ft Initial Depth to Water: 28.22 ft	Pump Type: QED Bladder Pump Tubing Type: HDPE Pump Intake From TOC: 47.74 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.02 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

ARGWA-19 sample time 1608.

Weather Conditions:

Hot and humid. Temp 89.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 5	
9/7/2021 3:41 PM	00:00	5.85 pH	21.76 °C	122.13 µS/cm	2.89 mg/L	1.58 NTU	107.3 mV	28.22 cm	200.00 ml/min
9/7/2021 3:46 PM	05:00	5.85 pH	21.67 °C	122.69 µS/cm	3.17 mg/L	1.13 NTU	122.3 mV	28.24 cm	200.00 ml/min
9/7/2021 3:51 PM	10:00	5.84 pH	21.54 °C	123.02 µS/cm	3.12 mg/L	0.73 NTU	121.9 mV	28.24 cm	200.00 ml/min
9/7/2021 3:56 PM	15:00	5.84 pH	21.67 °C	122.69 µS/cm	3.10 mg/L	0.78 NTU	119.4 mV	28.24 cm	200.00 ml/min
9/7/2021 4:01 PM	20:00	5.84 pH	21.56 °C	124.87 µS/cm	3.07 mg/L	0.66 NTU	118.7 mV	28.24 cm	200.00 ml/min
9/7/2021 4:06 PM	25:00	5.85 pH	21.45 °C	124.99 µS/cm	3.05 mg/L	0.51 NTU	116.3 mV	28.24 cm	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 9/8/2021 10:50:07 AM

Project: Plant Arkwright CCR (2)

Operator Name: Daniel Howard

Location Name: ARGWA-20 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 27.7 ft Total Depth: 37.7 ft Initial Depth to Water: 15.59 ft	Pump Type: QED Bladder Pump Tubing Type: HDPE Pump Intake From TOC: 32.7 ft Estimated Total Volume Pumped: 27750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.05 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

ARGWA-20 sample time 1352.

Weather Conditions:

Overcast, Temp 80

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 5	
9/8/2021 10:50 AM	00:00	5.55 pH	21.21 °C	119.77 µS/cm	5.75 mg/L	20.50 NTU	202.5 mV	15.59 cm	150.00 ml/min
9/8/2021 10:55 AM	05:00	5.55 pH	20.65 °C	123.17 µS/cm	5.70 mg/L	25.90 NTU	268.7 mV	15.64 cm	150.00 ml/min
9/8/2021 11:00 AM	10:00	5.54 pH	20.69 °C	125.40 µS/cm	5.60 mg/L	20.60 NTU	262.2 mV	15.64 cm	150.00 ml/min
9/8/2021 11:05 AM	15:00	5.55 pH	20.69 °C	123.33 µS/cm	5.61 mg/L	16.60 NTU	203.2 mV	15.64 cm	150.00 ml/min
9/8/2021 11:10 AM	20:00	5.54 pH	20.82 °C	123.69 µS/cm	5.55 mg/L	17.60 NTU	202.1 mV	15.64 cm	150.00 ml/min
9/8/2021 11:15 AM	25:00	5.55 pH	20.71 °C	122.46 µS/cm	5.50 mg/L	14.90 NTU	200.9 mV	15.64 cm	150.00 ml/min
9/8/2021 11:20 AM	30:00	5.55 pH	20.91 °C	119.36 µS/cm	5.41 mg/L	12.60 NTU	200.2 mV	15.64 cm	150.00 ml/min
9/8/2021 11:25 AM	35:00	5.55 pH	20.58 °C	119.27 µS/cm	5.43 mg/L	10.20 NTU	198.2 mV	15.64 cm	150.00 ml/min
9/8/2021 11:30 AM	40:00	5.56 pH	20.52 °C	119.96 µS/cm	5.42 mg/L	9.10 NTU	197.2 mV	15.64 cm	150.00 ml/min
9/8/2021 11:35 AM	45:00	5.56 pH	20.64 °C	118.45 µS/cm	5.38 mg/L	8.40 NTU	197.3 mV	15.64 cm	150.00 ml/min
9/8/2021 11:40 AM	50:00	5.56 pH	21.76 °C	123.77 µS/cm	5.37 mg/L	8.20 NTU	198.9 mV	15.64 cm	150.00 ml/min
9/8/2021 11:45 AM	55:00	5.57 pH	22.52 °C	122.49 µS/cm	5.30 mg/L	7.90 NTU	198.8 mV	15.64 cm	150.00 ml/min
9/8/2021 11:50 AM	01:00:00	5.57 pH	22.08 °C	122.62 µS/cm	5.38 mg/L	7.50 NTU	197.6 mV	15.64 cm	150.00 ml/min

9/8/2021 11:55 AM	01:05:00	5.57 pH	22.41 °C	123.63 µS/cm	5.35 mg/L	7.10 NTU	197.7 mV	15.64 cm	150.00 ml/min
9/8/2021 12:00 PM	01:10:00	5.59 pH	18.54 °C	125.71 µS/cm	5.48 mg/L	8.20 NTU	191.8 mV	15.64 cm	150.00 ml/min
9/8/2021 12:05 PM	01:15:00	5.59 pH	20.18 °C	131.13 µS/cm	5.41 mg/L	12.80 NTU	192.2 mV	15.64 cm	150.00 ml/min
9/8/2021 12:10 PM	01:20:00	5.60 pH	20.47 °C	131.36 µS/cm	5.42 mg/L	15.60 NTU	193.3 mV	15.64 cm	150.00 ml/min
9/8/2021 12:15 PM	01:25:00	5.60 pH	20.83 °C	132.16 µS/cm	5.44 mg/L	17.50 NTU	193.1 mV	15.64 cm	150.00 ml/min
9/8/2021 12:20 PM	01:30:00	5.61 pH	20.56 °C	130.80 µS/cm	5.43 mg/L	20.10 NTU	192.2 mV	15.64 cm	150.00 ml/min
9/8/2021 12:25 PM	01:35:00	5.61 pH	20.91 °C	131.00 µS/cm	5.43 mg/L	23.90 NTU	192.4 mV	15.64 cm	150.00 ml/min
9/8/2021 12:30 PM	01:40:00	5.62 pH	21.04 °C	131.20 µS/cm	5.40 mg/L	26.60 NTU	192.3 mV	15.64 cm	150.00 ml/min
9/8/2021 12:35 PM	01:45:00	5.61 pH	20.64 °C	134.09 µS/cm	5.59 mg/L	23.60 NTU	194.4 mV	15.64 cm	150.00 ml/min
9/8/2021 12:40 PM	01:50:00	5.60 pH	20.91 °C	132.84 µS/cm	5.53 mg/L	22.00 NTU	193.9 mV	15.64 cm	150.00 ml/min
9/8/2021 12:45 PM	01:55:00	5.60 pH	20.87 °C	137.91 µS/cm	5.50 mg/L	19.40 NTU	192.9 mV	15.64 cm	150.00 ml/min
9/8/2021 12:50 PM	02:00:00	5.60 pH	21.00 °C	138.21 µS/cm	5.52 mg/L	18.60 NTU	192.4 mV	15.64 cm	150.00 ml/min
9/8/2021 12:55 PM	02:05:00	5.60 pH	20.96 °C	139.14 µS/cm	5.50 mg/L	17.10 NTU	246.9 mV	15.64 cm	150.00 ml/min
9/8/2021 1:00 PM	02:10:00	5.60 pH	20.82 °C	138.39 µS/cm	5.51 mg/L	12.60 NTU	192.1 mV	15.64 cm	150.00 ml/min
9/8/2021 1:05 PM	02:15:00	5.59 pH	22.15 °C	139.23 µS/cm	5.50 mg/L	16.50 NTU	193.4 mV	15.64 cm	150.00 ml/min
9/8/2021 1:10 PM	02:20:00	5.59 pH	22.16 °C	137.51 µS/cm	5.55 mg/L	15.10 NTU	193.8 mV	15.64 cm	150.00 ml/min
9/8/2021 1:15 PM	02:25:00	5.58 pH	22.16 °C	138.51 µS/cm	5.59 mg/L	12.50 NTU	194.1 mV	15.64 cm	150.00 ml/min
9/8/2021 1:20 PM	02:30:00	5.59 pH	23.48 °C	137.78 µS/cm	5.53 mg/L	10.60 NTU	195.1 mV	15.64 cm	150.00 ml/min
9/8/2021 1:25 PM	02:35:00	5.59 pH	23.35 °C	137.25 µS/cm	5.50 mg/L	8.50 NTU	194.6 mV	15.64 cm	150.00 ml/min
9/8/2021 1:30 PM	02:40:00	5.59 pH	23.01 °C	136.38 µS/cm	5.50 mg/L	7.80 NTU	193.7 mV	15.64 cm	150.00 ml/min
9/8/2021 1:35 PM	02:45:00	5.59 pH	23.00 °C	136.78 µS/cm	5.51 mg/L	7.10 NTU	193.5 mV	15.64 cm	150.00 ml/min
9/8/2021 1:40 PM	02:50:00	5.59 pH	22.75 °C	135.85 µS/cm	5.50 mg/L	5.80 NTU	193.0 mV	15.64 cm	150.00 ml/min
9/8/2021 1:45 PM	02:55:00	5.59 pH	22.44 °C	136.16 µS/cm	5.53 mg/L	5.20 NTU	191.8 mV	15.64 cm	150.00 ml/min
9/8/2021 1:50 PM	03:00:00	5.59 pH	22.59 °C	136.01 µS/cm	5.49 mg/L	5.15 NTU	191.8 mV	15.64 cm	150.00 ml/min
9/8/2021 1:55 PM	03:05:00	5.59 pH	22.75 °C	136.67 µS/cm	5.47 mg/L	4.82 NTU	247.5 mV	15.64 cm	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 9/8/2021 3:43:43 PM

Project: Plant Arkwright CCR (3)

Operator Name: Daniel Howard

Location Name: ARGWC-21 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 16.98 ft Total Depth: 26.98 ft Initial Depth to Water: 14.3 ft	Pump Type: QED Bladder Pump Tubing Type: HDPE Pump Intake From TOC: 21.98 ft Estimated Total Volume Pumped: 6750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.5 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

ARGWC-21 sample time 1630.

Weather Conditions:

Raining. Temp 82

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 5	
9/8/2021 3:43 PM	00:00	5.94 pH	21.62 °C	723.21 µS/cm	0.40 mg/L	25.10 NTU	82.8 mV	14.30 ft	150.00 ml/min
9/8/2021 3:48 PM	05:00	5.94 pH	21.09 °C	711.01 µS/cm	0.32 mg/L	18.70 NTU	111.6 mV	14.94 ft	150.00 ml/min
9/8/2021 3:53 PM	10:00	5.94 pH	21.02 °C	716.55 µS/cm	0.28 mg/L	13.00 NTU	90.5 mV	14.86 ft	150.00 ml/min
9/8/2021 3:58 PM	15:00	5.94 pH	21.00 °C	710.94 µS/cm	0.26 mg/L	8.70 NTU	87.4 mV	14.83 ft	150.00 ml/min
9/8/2021 4:03 PM	20:00	5.94 pH	20.99 °C	715.95 µS/cm	0.24 mg/L	7.39 NTU	85.0 mV	14.80 ft	150.00 ml/min
9/8/2021 4:08 PM	25:00	5.94 pH	21.04 °C	714.03 µS/cm	0.24 mg/L	6.89 NTU	83.5 mV	14.80 ft	150.00 ml/min
9/8/2021 4:13 PM	30:00	5.94 pH	21.09 °C	713.77 µS/cm	0.23 mg/L	6.29 NTU	82.3 mV	14.80 ft	150.00 ml/min
9/8/2021 4:18 PM	35:00	5.94 pH	21.09 °C	712.08 µS/cm	0.23 mg/L	5.54 NTU	81.6 mV	14.80 ft	150.00 ml/min
9/8/2021 4:23 PM	40:00	5.94 pH	21.09 °C	708.29 µS/cm	0.22 mg/L	5.33 NTU	80.9 mV	14.80 ft	150.00 ml/min
9/8/2021 4:28 PM	45:00	5.94 pH	21.15 °C	708.89 µS/cm	0.22 mg/L	4.62 NTU	80.1 mV	14.80 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 9/10/2021 9:15:38 AM

Project: Plant Arkwright CCR (6)

Operator Name: Daniel Howard

Location Name: ARGWC-22 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.71 ft Total Depth: 27.71 ft Initial Depth to Water: 14.28 ft	Pump Type: Peristaltic pump Tubing Type: HDPE Pump Intake From TOC: 22.71 ft Estimated Total Volume Pumped: 7000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

ARGWC-22 sample time 0952.

Weather Conditions:

Partly sunny, temp 72

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 5	
9/10/2021 9:15 AM	00:00	5.54 pH	18.77 °C	1,492.3 µS/cm	0.86 mg/L	0.86 NTU	208.2 mV	14.28 ft	200.00 ml/min
9/10/2021 9:20 AM	05:00	5.54 pH	18.63 °C	1,549.7 µS/cm	0.31 mg/L	0.75 NTU	206.6 mV	14.53 ft	200.00 ml/min
9/10/2021 9:25 AM	10:00	5.54 pH	18.64 °C	1,535.9 µS/cm	0.26 mg/L	0.32 NTU	171.0 mV	14.54 ft	200.00 ml/min
9/10/2021 9:30 AM	15:00	5.55 pH	18.65 °C	1,521.8 µS/cm	0.22 mg/L	0.45 NTU	149.1 mV	14.54 ft	200.00 ml/min
9/10/2021 9:35 AM	20:00	5.57 pH	18.69 °C	1,511.0 µS/cm	0.20 mg/L	0.53 NTU	132.0 mV	14.54 ft	200.00 ml/min
9/10/2021 9:40 AM	25:00	5.59 pH	18.73 °C	1,494.2 µS/cm	0.19 mg/L	0.58 NTU	111.2 mV	14.54 ft	200.00 ml/min
9/10/2021 9:45 AM	30:00	5.61 pH	18.77 °C	1,479.6 µS/cm	0.18 mg/L	0.57 NTU	96.6 mV	14.54 ft	200.00 ml/min
9/10/2021 9:50 AM	35:00	5.62 pH	18.82 °C	1,478.1 µS/cm	0.18 mg/L	1.14 NTU	83.0 mV	14.54 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 9/9/2021 11:04:31 AM

Project: Plant Arkwright CCR (4)

Operator Name: Daniel Howard

Location Name: ARAWC-23 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 18.05 ft Total Depth: 28.05 ft Initial Depth to Water: 12.48 ft	Pump Type: Peristaltic pump Tubing Type: HDPE Pump Intake From TOC: 23.05 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.91 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

ARGWC-23 sample time 1136.

Weather Conditions:

Partly cloudy, temp 82

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 5	
9/9/2021 11:04 AM	00:00	6.34 pH	25.38 °C	476.28 µS/cm	0.90 mg/L	1.17 NTU	189.1 mV	12.48 ft	100.00 ml/min
9/9/2021 11:09 AM	05:00	6.34 pH	24.23 °C	474.09 µS/cm	0.40 mg/L	1.48 NTU	176.4 mV	13.39 ft	100.00 ml/min
9/9/2021 11:14 AM	10:00	6.34 pH	24.00 °C	473.50 µS/cm	0.36 mg/L	1.10 NTU	171.5 mV	13.39 ft	100.00 ml/min
9/9/2021 11:19 AM	15:00	6.34 pH	23.80 °C	470.80 µS/cm	0.31 mg/L	1.06 NTU	170.5 mV	13.39 ft	100.00 ml/min
9/9/2021 11:24 AM	20:00	6.34 pH	23.86 °C	473.24 µS/cm	0.29 mg/L	1.27 NTU	168.7 mV	13.39 ft	100.00 ml/min
9/9/2021 11:29 AM	25:00	6.35 pH	24.09 °C	480.86 µS/cm	0.29 mg/L	1.60 NTU	168.0 mV	13.39 ft	100.00 ml/min
9/9/2021 11:34 AM	30:00	6.35 pH	24.29 °C	476.91 µS/cm	0.29 mg/L	0.58 NTU	165.5 mV	13.39 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 9/9/2021 2:34:46 PM

Project: Plant Arkwright CCR

Operator Name: Andreas Shoredits

Location Name: ARAMW-1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 34.9 ft Total Depth: 45.32 ft Initial Depth to Water: 13.53 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 40 ft Estimated Total Volume Pumped: 5800 ml Flow Cell Volume: 90 ml Final Flow Rate: 195 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Sulfurous Water odour

Weather Conditions:

Sunny, 29C

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 3	
9/9/2021 2:34 PM	00:00	6.26 pH	28.85 °C	445.22 µS/cm	6.71 mg/L	9.47 NTU	78.3 mV	13.64 ft	115.00 ml/min
9/9/2021 2:39 PM	05:00	6.07 pH	22.96 °C	750.37 µS/cm	0.31 mg/L	2.92 NTU	-0.4 mV	13.69 ft	130.00 ml/min
9/9/2021 2:44 PM	10:00	6.16 pH	21.59 °C	756.95 µS/cm	0.18 mg/L	1.84 NTU	-18.6 mV	13.76 ft	200.00 ml/min
9/9/2021 2:49 PM	15:00	6.07 pH	21.17 °C	758.22 µS/cm	0.15 mg/L	2.59 NTU	-9.4 mV	13.79 ft	200.00 ml/min
9/9/2021 2:54 PM	20:00	6.11 pH	20.96 °C	757.45 µS/cm	0.14 mg/L	2.84 NTU	-12.1 mV	13.79 ft	195.00 ml/min
9/9/2021 2:59 PM	25:00	6.09 pH	21.04 °C	755.39 µS/cm	0.13 mg/L	2.03 NTU	-12.7 mV	13.79 ft	195.00 ml/min
9/9/2021 3:04 PM	30:00	6.10 pH	20.95 °C	749.75 µS/cm	0.13 mg/L	1.80 NTU	-25.7 mV	13.79 ft	195.00 ml/min

Samples

Sample ID:	Description:
ARAMW-1	Groundwater sample for CCR, Major Ion, and MNA analyses

Low-Flow Test Report:

Test Date / Time: 9/10/2021 9:13:21 AM

Project: Plant Arkwright CCR

Operator Name: Andreas Shoredits

Location Name: ARAMW-2 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 14.4 ft Total Depth: 24.84 ft Initial Depth to Water: 13.71 ft	Pump Type: Peristaltic Tubing Type: LDPE Pump Intake From TOC: 19 ft Estimated Total Volume Pumped: 30025 ml Flow Cell Volume: 90 ml Final Flow Rate: 165 ml/min Final Draw Down: 0.03 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

No TOC duplicate sample was collected

Weather Conditions:

Sunny, 19C

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 3	
9/10/2021 9:13 AM	00:00	5.98 pH	21.08 °C	674.03 µS/cm	2.83 mg/L	170.00 NTU	111.8 mV	13.75 ft	190.00 ml/min
9/10/2021 9:18 AM	05:00	6.00 pH	20.02 °C	670.38 µS/cm	0.38 mg/L	109.00 NTU	85.2 mV	13.75 ft	200.00 ml/min
9/10/2021 9:23 AM	10:00	6.00 pH	19.89 °C	668.82 µS/cm	0.23 mg/L	104.00 NTU	91.2 mV	13.74 ft	200.00 ml/min
9/10/2021 9:28 AM	15:00	5.97 pH	19.89 °C	667.52 µS/cm	0.17 mg/L	114.00 NTU	70.4 mV	13.75 ft	200.00 ml/min
9/10/2021 9:33 AM	20:00	6.01 pH	19.93 °C	664.27 µS/cm	0.15 mg/L	76.70 NTU	66.2 mV	13.74 ft	200.00 ml/min
9/10/2021 9:38 AM	25:00	5.94 pH	19.93 °C	669.30 µS/cm	0.14 mg/L	77.70 NTU	61.4 mV	13.74 ft	200.00 ml/min
9/10/2021 9:43 AM	30:00	5.99 pH	19.98 °C	670.63 µS/cm	0.14 mg/L	63.60 NTU	54.9 mV	13.74 ft	200.00 ml/min
9/10/2021 9:48 AM	35:00	6.00 pH	20.02 °C	685.69 µS/cm	0.14 mg/L	61.50 NTU	48.0 mV	13.74 ft	200.00 ml/min
9/10/2021 9:53 AM	40:00	5.97 pH	20.11 °C	690.15 µS/cm	0.14 mg/L	48.50 NTU	50.2 mV	13.74 ft	200.00 ml/min
9/10/2021 9:58 AM	45:00	5.94 pH	20.24 °C	725.15 µS/cm	0.14 mg/L	38.20 NTU	38.3 mV	13.74 ft	200.00 ml/min
9/10/2021 10:03 AM	50:00	6.02 pH	20.22 °C	738.18 µS/cm	0.14 mg/L	31.40 NTU	34.4 mV	13.74 ft	190.00 ml/min
9/10/2021 10:08 AM	55:00	5.92 pH	20.28 °C	751.81 µS/cm	0.14 mg/L	26.70 NTU	33.8 mV	13.74 ft	200.00 ml/min
9/10/2021 10:13 AM	01:00:00	5.95 pH	20.37 °C	790.62 µS/cm	0.14 mg/L	21.50 NTU	26.2 mV	13.74 ft	200.00 ml/min

9/10/2021 10:18 AM	01:05:00	5.97 pH	20.50 °C	786.32 µS/cm	0.13 mg/L	16.80 NTU	22.8 mV	13.74 ft	200.00 ml/min
9/10/2021 10:23 AM	01:10:00	5.98 pH	20.49 °C	814.67 µS/cm	0.13 mg/L	16.10 NTU	17.9 mV	13.74 ft	200.00 ml/min
9/10/2021 10:28 AM	01:15:00	5.96 pH	20.64 °C	832.96 µS/cm	0.14 mg/L	15.70 NTU	15.2 mV	13.74 ft	200.00 ml/min
9/10/2021 10:33 AM	01:20:00	6.02 pH	20.64 °C	831.08 µS/cm	0.14 mg/L	14.80 NTU	14.1 mV	13.74 ft	200.00 ml/min
9/10/2021 10:38 AM	01:25:00	5.95 pH	20.82 °C	848.58 µS/cm	0.14 mg/L	13.20 NTU	8.0 mV	13.74 ft	200.00 ml/min
9/10/2021 10:43 AM	01:30:00	6.00 pH	20.80 °C	853.34 µS/cm	0.14 mg/L	11.80 NTU	10.9 mV	13.74 ft	200.00 ml/min
9/10/2021 10:48 AM	01:35:00	5.97 pH	20.79 °C	885.07 µS/cm	0.14 mg/L	10.90 NTU	4.1 mV	13.74 ft	200.00 ml/min
9/10/2021 10:53 AM	01:40:00	6.00 pH	20.86 °C	873.92 µS/cm	0.14 mg/L	10.50 NTU	7.6 mV	13.74 ft	195.00 ml/min
9/10/2021 10:58 AM	01:45:00	6.00 pH	20.91 °C	911.93 µS/cm	0.14 mg/L	10.00 NTU	1.0 mV	13.74 ft	195.00 ml/min
9/10/2021 11:03 AM	01:50:00	6.00 pH	20.91 °C	912.05 µS/cm	0.15 mg/L	8.68 NTU	4.4 mV	13.74 ft	195.00 ml/min
9/10/2021 11:08 AM	01:55:00	6.00 pH	20.91 °C	928.29 µS/cm	0.28 mg/L	8.78 NTU	-1.9 mV	13.74 ft	190.00 ml/min
9/10/2021 11:13 AM	02:00:00	6.02 pH	20.95 °C	938.75 µS/cm	0.29 mg/L	7.07 NTU	2.4 mV	13.74 ft	190.00 ml/min
9/10/2021 11:18 AM	02:05:00	6.01 pH	21.01 °C	932.98 µS/cm	0.30 mg/L	6.84 NTU	-3.8 mV	13.74 ft	190.00 ml/min
9/10/2021 11:23 AM	02:10:00	6.02 pH	21.13 °C	939.40 µS/cm	0.14 mg/L	6.07 NTU	-5.2 mV	13.74 ft	180.00 ml/min
9/10/2021 11:28 AM	02:15:00	6.01 pH	21.19 °C	969.42 µS/cm	0.15 mg/L	5.84 NTU	-7.7 mV	13.74 ft	180.00 ml/min
9/10/2021 11:33 AM	02:20:00	5.99 pH	21.29 °C	930.87 µS/cm	0.16 mg/L	5.14 NTU	0.2 mV	13.74 ft	180.00 ml/min
9/10/2021 11:38 AM	02:25:00	6.00 pH	21.27 °C	987.18 µS/cm	0.19 mg/L	4.96 NTU	-1.2 mV	13.74 ft	165.00 ml/min
9/10/2021 11:43 AM	02:30:00	6.02 pH	21.53 °C	967.93 µS/cm	0.19 mg/L	4.37 NTU	-1.7 mV	13.74 ft	165.00 ml/min
9/10/2021 11:48 AM	02:35:00	6.01 pH	21.70 °C	979.61 µS/cm	0.17 mg/L	4.69 NTU	-9.7 mV	13.74 ft	165.00 ml/min

Samples

Sample ID:	Description:
ARAMW-2	Groundwater sample for CCR, Major Ion, and MNA analyses
DUP-1	Duplicate groundwater sample

Low-Flow Test Report:

Test Date / Time: 9/10/2021 11:14:03 AM

Project: Plant Arkwright CCR (7)

Operator Name: Daniel Howard

Location Name: ARAMW-7 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 40.79 ft Total Depth: 50.79 ft Initial Depth to Water: 13.29 ft	Pump Type: Peristaltic pump Tubing Type: HDPE Pump Intake From TOC: 45.79 ft Estimated Total Volume Pumped: 3750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

ARAMW-7 sample time 1142.

Weather Conditions:

Partly sunny, temp 78

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 5	
9/10/2021 11:14 AM	00:00	5.85 pH	19.75 °C	1,692.9 µS/cm	0.41 mg/L	1.97 NTU	-47.1 mV	13.29 ft	150.00 ml/min
9/10/2021 11:19 AM	05:00	5.83 pH	19.60 °C	1,727.4 µS/cm	0.28 mg/L	1.37 NTU	-51.6 mV	13.54 ft	150.00 ml/min
9/10/2021 11:24 AM	10:00	5.82 pH	19.57 °C	1,710.4 µS/cm	0.25 mg/L	1.66 NTU	-62.0 mV	13.55 ft	150.00 ml/min
9/10/2021 11:29 AM	15:00	5.80 pH	19.70 °C	1,714.0 µS/cm	0.23 mg/L	1.65 NTU	-95.0 mV	13.55 ft	150.00 ml/min
9/10/2021 11:34 AM	20:00	5.77 pH	19.77 °C	1,707.8 µS/cm	0.22 mg/L	1.25 NTU	-116.5 mV	13.55 ft	150.00 ml/min
9/10/2021 11:39 AM	25:00	5.70 pH	19.71 °C	1,707.0 µS/cm	0.21 mg/L	0.98 NTU	-115.3 mV	13.55 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 9/9/2021 1:29:09 PM

Project: Plant Arkwright CCR (5)

Operator Name: Daniel Howard

Location Name: ARAMW-8 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 39.55 ft Total Depth: 49.55 ft Initial Depth to Water: 12.03 ft	Pump Type: Peristaltic pump Tubing Type: HDPE Pump Intake From TOC: 44.55 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 2.5 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

ARAMW-8 sample time 1416.

Weather Conditions:

Hot and humid, temp 87

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 5	
9/9/2021 1:29 PM	00:00	6.52 pH	27.83 °C	619.65 µS/cm	1.28 mg/L	4.95 NTU	-21.5 mV	12.03 ft	100.00 ml/min
9/9/2021 1:34 PM	05:00	6.52 pH	26.93 °C	626.18 µS/cm	0.55 mg/L	11.50 NTU	-34.3 mV	13.06 ft	100.00 ml/min
9/9/2021 1:39 PM	10:00	6.51 pH	26.31 °C	622.44 µS/cm	0.47 mg/L	7.73 NTU	-34.0 mV	13.37 ft	100.00 ml/min
9/9/2021 1:44 PM	15:00	6.51 pH	26.36 °C	631.16 µS/cm	0.43 mg/L	6.34 NTU	-35.6 mV	13.71 ft	100.00 ml/min
9/9/2021 1:49 PM	20:00	6.52 pH	26.83 °C	628.36 µS/cm	0.48 mg/L	8.21 NTU	-36.3 mV	13.79 ft	100.00 ml/min
9/9/2021 1:54 PM	25:00	6.53 pH	27.14 °C	627.23 µS/cm	0.46 mg/L	6.56 NTU	-34.4 mV	14.12 ft	100.00 ml/min
9/9/2021 1:59 PM	30:00	6.55 pH	26.77 °C	622.84 µS/cm	0.53 mg/L	6.89 NTU	-24.7 mV	14.26 ft	100.00 ml/min
9/9/2021 2:04 PM	35:00	6.55 pH	26.75 °C	628.22 µS/cm	0.64 mg/L	4.98 NTU	-29.9 mV	14.44 ft	100.00 ml/min
9/9/2021 2:09 PM	40:00	6.56 pH	27.00 °C	631.73 µS/cm	0.69 mg/L	4.46 NTU	-31.2 mV	14.53 ft	100.00 ml/min
9/9/2021 2:14 PM	45:00	6.56 pH	26.95 °C	625.23 µS/cm	0.68 mg/L	3.52 NTU	-30.0 mV	14.53 ft	100.00 ml/min

Samples

Sample ID:	Description:
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14:32

PROJECT NAME: Plant
Arkwright, GA - CCR GW

PLANT Arkwright FIELD SAMPLING REPORT

Project Number: 6122-20-1429.2101

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: 2021 2nd Semiannual Event; MNA OTHER

AP-2 DAS

WELL ID / SAMPLE ID: ARAMW-1

MATRIX: Groundwater

CCR and Major Ions and MNA Parameters

WELL MATERIAL: PVC SS OTHER

SAMPLE METHOD: Low Flow Peristaltic pump

DUP./REP. OF: MA Bladder pump

WELL DIAMETER: 2.00 in

DEPTH TO WATER: 13.53 ft btoc

GRAB (x) COMPOSITE ()

TOTAL DEPTH: 45.32 ft btoc

WATER COLUMN HEIGHT: 31.79 ft

Pump Intake Set at (btoc): 40.0 ft.

PURGE VOLUME: 5.2 x 3 = 15.5 gal (58.8L)

or

Tubing Inlet Set at (btoc): ---

[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]

top of screen: 34.90 ft btoc

[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]

[1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

TIME	VOL. PURGED (gal)/L	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [<5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 14:34	0.1/0.1	6.71	78.3	6.26	445.22	28.85	9.47	115 (MA)	13.64
14:39	0.2/0.8	0.31	-0.4	6.07	750.37	22.96	2.92	130 (2.52)	13.69
14:44	0.5/1.8	0.18	-18.6	6.16	756.95	21.59	1.84	200 (5.12)	13.76
14:49	0.7/2.8	0.15	-9.4	6.07	758.22	21.17	2.59	195 (5.12)	13.79
14:54	1.0/3.8	0.14	-12.1	6.11	757.45	20.96	2.884	195 (5.12)	13.79
14:59	1.3/4.8	0.13	-12.7	6.09	755.39	21.04	2.03	195 (5.12)	13.79
15:04	1.5/5.8	0.13	-25.7	6.10	749.75	20.95	1.80	195 (5.12)	13.79

A.S.
9/9/21

NOTES: ¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.
If well is purged dry, allow to recharge and sample within 24 hrs.
Turbidity < 5 NTUs; STRONG SULFEROUS ODOUR
IRON III/III SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORMETRIC KIT

SAMPLE DATE: 09/09/2021

SAMPLE TIME: 15:10

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	1	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	1	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	1	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	1	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	2	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	1	Zn Acetate + NaOH; Cool to 4°C	USEPA 9034	Sulfide
250 mL poly	1	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	1	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	1	Cool to 6°C	5310B	Total Organic Carbon
250 mL poly	1	Cool to 6°C	SW6020A	Arsenic III/V (Speciation) - ONLY IN WELL ARAMW-2

pH check

<2
<2

<2

A.S.
9/9/21

GENERAL INFORMATION	
WEATHER:	<u>SUNNY, 29°C</u>
SHIPPED VIA:	<u>FED-X</u>
SHIPPED TO:	Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058 POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031
SAMPLER:	<u>A-SHOVEDETS</u>
OBSERVER:	<u>---</u>

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,
***Major Ions = Magnesium, Sodium, Potassium
MNA Metals = Total Iron, Total Manganese, Total Silica
** App. III Anions = Chloride, Fluoride, Sulfate

Ferrous iron field test result: >0 mg/L, <0.5 mg/L

09:11

PROJECT NAME: Plant
Arkwright, GA - CCR GW

PLANT Arkwright FIELD SAMPLING REPORT

Project Number: 6122-20-1429.2101

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: 2021 2nd Semmiannual Event; MNA OTHER

AP-2 DAS

WELL ID / SAMPLE ID: ARAMW-2

MATRIX: Groundwater

CCR and Major Ions and MNA Parameters

WELL MATERIAL: PVC SS OTHER

SAMPLE METHOD: LOW FLOW Bladder pump

DUP./REP. OF: DUP-1 Peristaltic pump

WELL DIAMETER: 2.00-in

DEPTH TO WATER: 13.71 ft b70c

GRAB (x) COMPOSITE ()

TOTAL DEPTH: 24.84 ft b70c

WATER COLUMN HEIGHT: 11.13 ft

Pump Intake Set at (btoc): —

PURGE VOLUME: 1.81 x 3 = 5.44 gal. (20.6L)

or

Tubing Inlet Set at (btoc): - 19.0 ft

[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]

[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]

[1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

Top of screen: 14.40 ft b70c

TIME	VOL. PURGED (gal)	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [≤ 5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 09:13	0.1/0.2	2.83	111.8	5.98	674.03	21.08	170	190 (4.9)	13.75
09:18	0.3/1.2	0.38	85.2	6.00	670.38	20.02	109	200 (5.2)	13.75
09:23	0.6/2.2	0.23	91.2	6.00	668.82	19.89	104	200 (5.2)	13.74
09:28	0.8/3.2	0.17	70.4	5.97	667.52	19.89	114	200 (5.2)	13.75
09:33	1.1/4.2	0.15	66.2	6.01	664.27	19.93	76.7	200 (5.2)	13.74
09:38	1.4/5.2	0.14	61.4	5.94	669.30	19.93	77.7	200 (5.2)	13.74
09:43	1.6/6.2	0.14	54.9	5.98	670.63	19.98	63.6	200 (5.2)	13.74
09:48	1.9/7.2	0.14	48.0	6.00	685.69	20.02	61.5	200 (5.2)	13.74
09:53	2.1/8.2	0.14	50.2	5.97	690.15	20.11	48.5	200 (5.2)	13.74
09:58	2.4/10.2	0.14	38.3	5.94	725.15	20.24	38.2	200 (5.2)	13.74
10:03	2.96/10.0	0.14	34.4	6.02	738.18	20.22	31.4	190 (5.2)	13.74
10:08	3.4/11.0	0.14	33.8	5.92	751.81	20.28	26.7	200 (5.3)	13.74
10:13	3.2/12.0	0.14	26.2	5.95	790.62	20.37	21.5	200 (5.3)	13.74
10:18	3.4/12.5	0.13	22.8	5.97	786.32	20.50	16.8	200 (5.3)	13.74

NOTES: ¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.
 If well is purged dry, allow to recharge and sample within 24 hrs.
 Turbidity < 5 NTUs, WHITE WATER PRECIPITATE
 IRON III/IV SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORMETRIC KIT

SAMPLE DATE: 09/10/2021

SAMPLE TIME: 11:55

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	42	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	42	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	42	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	42	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	24	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	42	Zn Acetate + NaOH; Cool to 4°C	USEPA 9034	Sulfide
250 mL poly	42	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	42	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	①	Cool to 6°C	5310B	Total Organic Carbon
250 mL poly	42	Cool to 6°C	SW6020A	Arsenic III/ V (Speciation) - ONLY IN WELL ARAMW-2

pH check

no duplicate collected.

GENERAL INFORMATION	
WEATHER:	<u>SUNNY, 19°C</u>
SHIPPED VIA:	<u>FED-X</u>
SHIPPED TO:	<u>Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058 POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031</u>
SAMPLER:	<u>A. SHORR EDIT</u>
OBSERVER:	<u>—</u>

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,
 ***Major Ions = Magnesium, Sodium, Potassium
 MNA Metals = Total Iron, Total Manganese, Total Silica
 ** App. III Anions = Chloride, Fluoride, Sulfate

A.S. 9/10/21

A.S. 9/10/21

PROJECT NAME: Plant Arkwright, GA - CCR GW
PLANT Arkwright FIELD SAMPLING REPORT
 Project Number: 6122-20-1429.2101
 Wood E&I Solutions, Inc.
 1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: 2021 2nd Semmiannual Event; MNA OTHER
 WELL ID / SAMPLE ID: **ARAMW-2** MATRIX: Groundwater
 WELL MATERIAL: PVC SS OTHER
 SAMPLE METHOD: **LOW FLOW Bladder pump**
 DUP./REP. OF: **PUP-1 Peristaltic pump**
 Pump Intake Set at (btoc): _____
 or
 Tubing Inlet Set at (btoc): **19.0 ft**
Top of screen: 14.40 ft btoc
 WELL DIAMETER: **2:00-in**
 DEPTH TO WATER: **13.71 ft btoc**
 TOTAL DEPTH: **24.84 ft btoc**
 WATER COLUMN HEIGHT: **11.13 ft**
 PURGE VOLUME: **5.44 gal (20.6L)**
 GRAB (x) COMPOSITE ()
 [0.163 x water column height (ft) x 3 (well volumes) for 2" wells]
 [0.653 x water column height (ft) x 3 (well volumes) for 4" wells]
 [1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

AP-2 DAS
CCR and Major Ions and MNA Parameters

TIME	VOL. PURGED (gal)/L	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [<5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 10:23	113.7	0.13	17.9	5.98	814.67	20.49	16.1	200 (5.3)	13.74
10:28	114.0	0.14	15.2	5.96	832.96	20.64	15.7	700 (5.3)	13.74
10:33	114.8	0.14	14.1	6.02	831.08	20.64	14.8	200 (5.3)	13.74
10:38	115.6	0.14	8.0	5.95	848.58	20.82	213.2	200 (5.3)	13.74
10:43	116.5	0.14	10.9	6.00	853.34	20.80	11.8	200 (6.3)	13.74
10:48	117.4	0.14	2.1	5.97	885.07	20.79	10.9	200 (5.3)	13.74
10:53	118.3	0.14	7.6	6.00	873.92	20.86	10.5	195 (5.3)	13.74
10:58	119.3	0.14	1.0	6.00	911.93	20.91	10.0	195 (5.3)	13.74
11:03	120.3	0.15	1.4	6.00	912.05	20.91	8.68	190 (5.2)	13.74
11:08	121.1	0.28	2.4	6.00	228.29	20.91	8.75	190 (5.2)	13.74
11:13	122.1	0.29	2.4	6.02	938.75	20.95	7.07	190 (5.2)	13.74
11:18	123.1	0.30	-3.8	6.01	932.98	21.01	6.54	190 (5.2)	13.74
11:23	124.0	0.14	-5.2	6.02	939.40	21.13	6.07	180 (5.0)	13.74
11:28	124.9	0.15	-7.7	6.01	969.42	21.19	-	180 (5.1)	13.74

NOTES:
¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.
 If well is purged dry, allow to recharge and sample within 24 hrs.
 Turbidity < 5 NTUs
 IRON II/III SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORMETRIC KIT

SAMPLE DATE: **09/10/2021**
 SAMPLE TIME: **11:55**

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	72	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	72	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	72	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	72	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	74	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	72	Zn Acetate + NaOH; Cool to 4°C	USEPA 9034	Sulfide
250 mL poly	72	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	72	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	72	Cool to 6°C	5310B	Total Organic Carbon
250 mL poly	72	Cool to 6°C	SW6020A	Arsenic III/ V (Speciation) - ONLY IN WELL ARAMW-2

GENERAL INFORMATION
 WEATHER: **SUNNY, 19°C**
 SHIPPED VIA: **FED-X**
 SHIPPED TO: Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058
 POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031
 SAMPLER: **A. HORVATH** OBSERVER: _____

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,
 ***Major Ions = Magnesium, Sodium, Potassium
 MNA Metals = Total Iron, Total Manganese, Total Silica
 ** App. III Anions = Chloride, Fluoride, Sulfate

A.S.
 9/10/21

A.S.
 9/10/21

pH check

no duplicate collected

PROJECT NAME: Plant Arkwright, GA - CCR GW

PLANT Arkwright FIELD SAMPLING REPORT

Project Number: 6122-20-1429.2101

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

A.S.
9/10/21

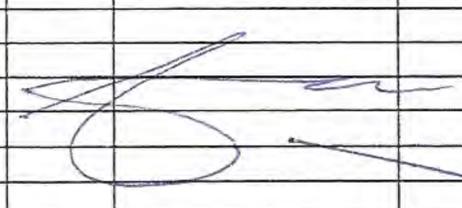
SAMPLING EVENT: X 2021 2nd Semmiannual Event; MNA OTHER
WELL ID / SAMPLE ID: ARAMW-2-DUP-1 MATRIX: Groundwater
WELL MATERIAL: PVC SS OTHER
SAMPLE METHOD: Low Flow Peristaltic pump

AP-2 DAS
CCR and Major Ions and MNA Parameters

DUP./REP. OF: DUP-1

WELL DIAMETER: 2.00-m
DEPTH TO WATER: 13.71 ft btoc GRAB (x) COMPOSITE ()
TOTAL DEPTH: 24.84 ft btoc
WATER COLUMN HEIGHT: 11.13 ft
PURGE VOLUME: 5.44 gal (20.6L)
[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]
[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]
[1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

Pump Intake Set at (btoc): -
or
Tubing Inlet Set at (btoc): 19.0 ft
Top of screen = 14.40 ft btoc

TIME	VOL. PURGED (gal/L)	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [<5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 11:33	125.8	0.16	0.2	5.99	930.87	21.29	5.14	180 (5.0)	13.74
11:38	126.6	0.19	-1.2	6.00	987.18	21.27	4.96	165 (4.7)	13.74
11:43	127.4	0.19	-1.7	6.02	967.93	21.53	4.57	165 (4.7)	13.74
11:48	128.2	0.17	-9.7	6.01	979.61	21.70	4.69	165 (4.7)	13.74
									
NOTES: ¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen. If well is purged dry, allow to recharge and sample within 24 hrs. Turbidity < 5 NTUs IRON II/III SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORMETRIC KIT									

SAMPLE DATE: 09/10/2021
SAMPLE TIME: 11:55

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	42	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	42	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	42	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	42	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	24	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	42	Zn Acetate + NaOH; Cool to 4°C	USEPA 9034	Sulfide
250 mL poly	4	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	72	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	①	Cool to 6°C	5310B	Total Organic Carbon
250 mL poly	72	Cool to 6°C	SW6020A	Arsenic III/ V (Speciation) - ONLY IN WELL ARAMW-2

A.S.
9/10/21

pH check
42
42
42
no duplicate collected
42

GENERAL INFORMATION	
WEATHER:	<u>SUNNY, 19°C</u>
SHIPPED VIA:	<u>FED-X</u>
SHIPPED TO:	Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058 POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031
SAMPLER:	<u>A-SHORBETS</u>
OBSERVER:	<u>-</u>

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,
 ***Major Ions = Magnesium, Sodium, Potassium
 MNA Metals = Total Iron, Total Manganese, Total Silica
 ** App. III Anions = Chloride, Fluoride, Sulfate

Ferrous iron field test result: 7.0 mg/L

PROJECT NAME: Plant
Arkwright, GA - CCR GW

PLANT Arkwright FIELD SAMPLING REPORT

Project Number: 6122-20-1429.2101

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: X 2021 2nd Semmiannual Event; MNA OTHER

AP-2 DAS
CCR and Major Ions and MNA Parameters

WELL ID / SAMPLE ID: ARAMW-7 MATRIX: Groundwater

WELL MATERIAL: X PVC SS OTHER

SAMPLE METHOD: Peristaltic pump

WELL DIAMETER: 2
DEPTH TO WATER: 13.29
TOTAL DEPTH: 50.79

GRAB (x) COMPOSITE ()

DUP./REP. OF:

WATER COLUMN HEIGHT:
PURGE VOLUME:

Pump Intake Set at (btoc):

or

Tubing Inlet Set at (btoc): 45.79

[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]
[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]
[1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

TIME	VOL. PURGED (gal)	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [<5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 1114	0	0.41	-47.1	5.85	1692.9	19.75	1.97	150	13.29
1119	0.2	0.28	-51.6	5.83	1727.4	19.60	1.37	150	13.54
1124	0.4	0.25	-62.0	5.82	1710.4	19.57	1.66	150	13.55
1129	0.6	0.23	-95.0	5.80	1714.0	19.70	1.65	150	13.55
1134	0.8	0.22	-116.5	5.77	1707.8	19.77	1.25	150	13.55
1139	1.0	0.21	-115.3	5.70	1707.0	19.71	0.98	150	13.55
1144	1.2								

NOTES: ¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.
If well is purged dry, allow to recharge and sample within 24 hrs.
Turbidity < 5 NTUs Ferrous Fe = 3.7 mg/L
IRON III/III SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORIMETRIC KIT

SAMPLE DATE: 9/10/21
SAMPLE TIME: 1142

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	1	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	1	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	1	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	1	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	2	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	1	Zn Acetate + NaOH; Cool to 4°C	USEPA 9034	Sulfide
250 mL poly	1	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	1	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	1	Cool to 6°C	5310B	Total Organic Carbon
250 mL poly	1	Cool to 6°C	SW6020A	Arsenic III/ V (Speciation) - ONLY IN WELL ARAMW-2

pH check
< 2
< 2
< 2

GENERAL INFORMATION	
WEATHER:	<u>Partly Sunny, Temp 78°F</u>
SHIPPED VIA:	<u>FED-X</u>
SHIPPED TO:	<u>Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058</u> <u>POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031</u>
SAMPLER:	<u>Daniel Howard</u>
OBSERVER:	<u> </u>

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,
***Major Ions = Magnesium, Sodium, Potassium
MNA Metals = Total Iron, Total Manganese, Total Silica
** App. III Anions = Chloride, Fluoride, Sulfate

PROJECT NAME: Plant
Arkwright, GA - CCR GW

PLANT Arkwright FIELD SAMPLING REPORT

Project Number: 6122-20-1429.2101

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: 2021 2nd Semmiannual Event; MNA OTHER

AP-2 DAS

WELL ID / SAMPLE ID: ARAMW-8

MATRIX: Groundwater

CCR and Major Ions and MNA Parameters

WELL MATERIAL: PVC SS OTHER

SAMPLE METHOD: Peristaltic pump

DUP./REP. OF: _____

WELL DIAMETER: 2
DEPTH TO WATER: 12.03
TOTAL DEPTH: 49.55

GRAB (x) COMPOSITE ()

Pump Intake Set at (btoc): _____

WATER COLUMN HEIGHT: _____

or

Tubing Inlet Set at (btoc): 44.55

PURGE VOLUME: _____

[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]

[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]

[1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

TIME	VOL. PURGED (gal)	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [<5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 1329	0	1.28	-21.5	6.52	619.65	27.83	4.95	100 ()	12.03
1334	0.125	0.55	-34.3	6.52	626.18	26.93	11.5	100	13.06
1339	0.25	0.47	-34.0	6.51	622.49	26.31	7.73	100	13.37
1344	0.375	0.43	-35.6	6.51	631.16	26.38	6.34	100	13.71
1349	0.5	0.48	-36.3	6.52	628.36	26.83	8.21	100	13.79
1354	0.625	0.46	-34.4	6.53	627.73	27.14	6.56	100	14.12
1359	0.75	0.53	-24.7	6.55	622.84	26.77	6.89	100	14.26
1404	0.875	0.64	-29.9	6.55	628.22	26.75	4.98	100	14.44
1409	1.0	0.69	-31.2	6.56	631.73	27.00	4.46	100	14.53
1414	1.125	0.68	-30.0	6.56	625.23	26.95	3.52	100	14.64

NOTES:

¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.

If well is purged dry, allow to recharge and sample within 24 hrs.

Turbidity < 5 NTUs

Ferrous Fe = 2.8 mg/L

Exp 01/26

IRON III/ V SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORMETRIC KIT

SAMPLE DATE: 9/9/21

SAMPLE TIME: 1416

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	1	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	1	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	1	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	1	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	2	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	1	Zn Acetate + NaOH; Cool to 4°C	USEPA 9034	Sulfide
250 mL poly	1	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	1	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	1	Cool to 6°C	5310B	Total Organic Carbon
250 mL poly	1	Cool to 6°C	SW6020A	Arsenic III/ V (Speciation) - ONLY IN WELL ARAMW-2

pH check
< 2
< 2
< 2

GENERAL INFORMATION

WEATHER:	Partly Cloudy, Temp 85°F
SHIPPED VIA:	FED-X
SHIPPED TO:	Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058 POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031
SAMPLER:	Daniel Howard
OBSERVER:	

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,

***Major Ions = Magnesium, Sodium, Potassium

MNA Metals = Total Iron, Total Manganese, Total Silica

** App. III Anions = Chloride, Fluoride, Sulfate

PROJECT NAME: Plant
Arkwright, GA - CCR GW

PLANT Arkwright FIELD SAMPLING REPORT

Project Number: 6122-20-1429.2101

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: 2021 2nd Semiannual Event; MNA OTHER

AP-2 DAS

WELL ID / SAMPLE ID: ARGWA-19

MATRIX: Groundwater

CCR and Major Ions and MNA Parameters

WELL MATERIAL: PVC SS OTHER

SAMPLE METHOD: QED Bladder pump

DUP./REP. OF: _____

WELL DIAMETER: _____
DEPTH TO WATER: ~~28.22~~ 28.22 GRAB (x) COMPOSITE ()

TOTAL DEPTH: 52.74

Pump Intake Set at (btoc): 47.74

WATER COLUMN HEIGHT: _____

or

PURGE VOLUME: _____

Tubing Inlet Set at (btoc): _____

[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]

[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]

[1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

TIME	VOL. PURGED (gal)	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [<5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 1541	0	2.89	107.3	5.85	122.13	21.76	1.58	200	28.24
1546	0.25	3.17	122.3	5.85	122.69	21.67	1.13	200	28.24
1551	0.5	3.12	123.02	5.84	123.02	21.54	0.73	200	28.24
1556	0.75	3.10	122.69	5.84	122.69	21.67	0.78	200	28.24
1601	1.0	3.07	116.3	5.84	124.87	21.56	0.66	200	28.24
1606	1.25	3.05	116.3	5.85	124.99	21.45	0.51	200	28.24

NOTES: ¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.
If well is purged dry, allow to recharge and sample within 24 hrs.
Turbidity < 5 NTUs
No Field Test kit Ferrous Iron = 0.0 mg/L
IRON III/IV SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORMETRIC KIT

SAMPLE DATE: 9/17/21
SAMPLE TIME: 1608

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	1	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	1	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	1	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	1	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	2	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	1	Zn Acetate + NaOH; Cool to 4°C	USEPA 9034	Sulfide
250 mL poly	1	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	1	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	2	Cool to 6°C, H ₂ SO ₄	5910B-910 60A	Total Organic Carbon
250 mL poly	1	Cool to 6°C	SW6020A	Arsenic III/ V (Speciation) - ONLY IN WELL ARAMW-2

40ml vial

pH check
22
22
22

GENERAL INFORMATION	
WEATHER:	Hot + Humid, Temp 89°F
SHIPPED VIA:	FED-X
SHIPPED TO:	Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058 POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031
SAMPLER:	Daniel Howard
OBSERVER:	

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,
***Major Ions = Magnesium, Sodium, Potassium
MNA Metals = Total Iron, Total Manganese, Total Silica
** App. III Anions = Chloride, Fluoride, Sulfate

SAMPLING EVENT: 2021 2nd Semmiannual Event; MNA OTHER **AP-2 DAS**
 WELL ID / SAMPLE ID: **ARGWA-20** MATRIX: Groundwater **CCR and Major Ions and MNA Parameters**
 WELL MATERIAL: PVC SS OTHER
 SAMPLE METHOD: **G&ED Bladder pump**
 DUP./REP. OF: _____ WELL DIAMETER: **2**
 Pump Intake Set at (btoc): **32.7** DEPTH TO WATER: **15.59** GRAB (x) COMPOSITE ()
 or TOTAL DEPTH: **87.70**
 Tubing Inlet Set at (btoc): _____ WATER COLUMN HEIGHT: _____
 PURGE VOLUME: _____
 [0.163 x water column height (ft) x 3 (well volumes) for 2" wells]
 [0.653 x water column height (ft) x 3 (well volumes) for 4" wells]
 [1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

TIME	VOL. PURGED (gal)	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [<5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 1050	0	5.75	202.5	5.55	119.77	21.21	20.5	150	15.59
1055	0.2	5.70	268.7	5.55	123.17	20.65	25.9	150	15.64
1100	0.4	5.60	262.2	5.54	125.40	20.69	20.6	150	15.64
1105	0.6	5.61	203.2	5.55	123.33	20.69	16.6	150	15.64
1110	0.8	5.55	202.1	5.54	123.69	20.82	17.6	150	15.64
1115	1.0	5.50	200.9	5.55	122.46	20.71	14.9	150	15.64
1120	1.2	5.41	200.2	5.55	119.36	20.91	12.6	150	15.64
1125	1.4	5.43	198.2	5.55	119.27	20.58	10.2	150	15.64
1130	1.6	5.42	197.2	5.56	119.96	21.52	9.10	150	15.64
1135	1.8	5.38	197.3	5.56	118.75	20.64	8.45	150	15.64
1140	2.0	5.37	198.9	5.56	123.77	21.76	8.21	150	15.64
1145	2.2	5.30	198.8	5.57	122.49	22.52	7.96	150	15.64
1150	2.4	5.38	197.6	5.57	122.62	22.08	7.54	150	15.64
1155	2.6	5.35	197.7	5.57	123.63	22.41	7.15	150	15.64

NOTES: ¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.
 If well is purged dry, allow to recharge and sample within 24 hrs.
 Turbidity < 5 NTUs **Ferrous Fe²⁺ = 0 mg/L**
 IRON III/II SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORMETRIC KIT

SAMPLE DATE: **9/8/21**
 SAMPLE TIME: **1352**

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	1	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	1	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	1	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	1	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	2	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	1	Zn Acetate + NaOH; Cool to 40C	USEPA 9034	Sulfide
250 mL poly	1	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	1	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	1	Cool to 6°C	5310B	Total Organic Carbon
250 mL poly	1	Cool to 6°C	SW6020A	Arsenic III/ V (Speciation) - ONLY IN WELL ARAMW-2

pH check
 < 2
 < 2
 < 2

GENERAL INFORMATION
 WEATHER: **Overcast, Temp 80°F**
 SHIPPED VIA: FED-X
 SHIPPED TO: Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058
 POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031
 SAMPLER: **Daniel Howard** OBSERVER: _____

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,
 ***Major Ions = Magnesium, Sodium, Potassium
 MNA Metals = Total Iron, Total Manganese, Total Silica
 ** App. III Anions = Chloride, Fluoride, Sulfate

PROJECT NAME: Plant
Arkwright, GA - CCR GW

PLANT Arkwright FIELD SAMPLING REPORT

Project Number: 6122-20-1429.2101

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: 2021 2nd Semmiannual Event; MNA OTHER

AP-2 DAS

WELL ID / SAMPLE ID: ARGWA-20

MATRIX: Groundwater

CCR and Major Ions and MNA Parameters

WELL MATERIAL: PVC SS OTHER

SAMPLE METHOD: QED Bladder pump

WELL DIAMETER: 2

DEPTH TO WATER: 15.59

GRAB (x) COMPOSITE ()

TOTAL DEPTH: 37.70

WATER COLUMN HEIGHT: _____

PURGE VOLUME: _____

DUP./REP. OF: _____

Pump Intake Set at (btoc): _____

or

Tubing Inlet Set at (btoc): _____

[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]

[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]

[1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

TIME	VOL. PURGED (gal)	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [<5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 1200	2.8	5.48	191.8	5.59	125.71	18.54	8.20	150	15.64
1205	3.0	5.41	192.2	5.59	131.13	20.18	12.8	150	15.64
1210	3.2	5.42	193.3	5.60	131.36	20.47	15.6	150	15.64
1215	3.4	5.44	193.1	5.60	132.16	20.83	17.5	150	15.64
1220	3.6	5.43	192.2	5.61	130.80	20.56	20.1	150	15.64
1225	3.8	5.43	192.4	5.61	131.00	20.91	23.9	150	15.64
1230	4.0	5.40	192.3	5.62	131.20	20.04	26.60	150	15.64
1235	4.2	5.59	194.4	5.61	134.89	20.64	23.6	150	15.64
1235	4.4	5.53	193.9	5.60	132.84	20.91	22	150	15.64
1240	4.6	5.50	192.9	5.60	137.91	20.87	19.4	150	15.64
1245	4.8	5.52	192.4	5.60	138.21	21.00	18.6	150	15.64
1250	5.0	5.50	196.9	5.60	139.14	20.96	17.1	150	15.64
1255	5.2	5.51	192.1	5.60	138.39	20.82	12.6	150	15.64
1300	5.4	5.50	193.4	5.59	139.23	22.15	16.5	150	15.64

NOTES:

¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.

If well is purged dry, allow to recharge and sample within 24 hrs.

Turbidity < 5 NTUs

Ferrous Fe²⁺ = 0 mg/l

IRON III/III SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORMETRIC KIT

SAMPLE DATE: 9/8/21

SAMPLE TIME: 1252

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	1	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	1	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	1	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	1	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	2	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	1	Zn Acetate + NaOH; Cool to 4°C	USEPA 9034	Sulfide
250 mL poly	1	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	1	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	1	Cool to 6°C	5310B	Total Organic Carbon
250 mL poly	1	Cool to 6°C	SW6020A	Arsenic III/ V (Speciation) - ONLY IN WELL ARAMW-2

GENERAL INFORMATION

WEATHER:	Overcast 80°F
SHIPPED VIA:	FED-X
SHIPPED TO:	Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058 POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031
SAMPLER:	Daniel Howard
OBSERVER:	

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,

***Major Ions = Magnesium, Sodium, Potassium

MNA Metals = Total Iron, Total Manganese, Total Silica

** App. III Anions = Chloride, Fluoride, Sulfate

PROJECT NAME: Plant
Arkwright, GA - CCR GW

PLANT Arkwright FIELD SAMPLING REPORT

Project Number: 6122-20-1429.2101

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: 2021 2nd Semmiannual Event; MNA OTHER

AP-2 DAS

WELL ID / SAMPLE ID: ~~ARAMW-2 EB-1~~ MATRIX: Groundwater **AR GWA-20**

CCR and Major Ions and MNA Parameters

WELL MATERIAL: PVC SS OTHER **AR GWA-20**

SAMPLE METHOD: **QED Bladder pump**

WELL DIAMETER: **2**

DUP./REP. OF: _____

DEPTH TO WATER: **15.59**

GRAB (x) COMPOSITE ()

TOTAL DEPTH: **37.70**

Pump Intake Set at (btoc): _____

WATER COLUMN HEIGHT: _____

or

PURGE VOLUME: _____

Tubing Inlet Set at (btoc): _____

[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]

[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]

[1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

TIME	VOL. PURGED (gal)	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [<5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 1305	5.6	5.55	193.8	5.59	137.51	22.16	15.1	150	15.64
1310	5.8	5.59	194.1	5.58	138.51	22.16	12.5	150	15.64
1315	6.0	5.53	195.1	5.59	137.78	23.48	10.6	150	15.64
1320	6.2	5.50	194.6	5.59	137.25	23.35	8.54	150	15.64
1325	6.4	5.50	193.7	5.59	136.38	23.01	7.82	150	15.64
1330	6.6	5.51	193.5	5.59	136.78	23.00	7.11	150	15.64
1335	6.8	5.50	193.0	5.59	135.85	22.75	5.81	150	15.64
1340	7.0	5.53	191.8	5.59	136.16	22.44	5.20	150	15.64
1345	7.2	5.49	191.8	5.59	136.01	22.59	5.15	150	15.64
1350	7.4	5.47	242.5	5.59	136.67	22.75	4.82	150	15.64

NOTES:

¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.

If well is purged dry, allow to recharge and sample within 24 hrs.

Turbidity < 5 NTUs

Ferrous Fe = 0 mg/L

IRON III/III SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORMETRIC KIT

SAMPLE DATE: **9/8/21**

SAMPLE TIME: **1352**

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	1	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	1	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	1	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	1	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	2	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	1	Zn Acetate + NaOH; Cool to 4°C	USEPA 9034	Sulfide
250 mL poly	1	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	1	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	1	Cool to 6°C	5310B	Total Organic Carbon
250 mL poly	1	Cool to 6°C	SW6020A	Arsenic III/ V (Speciation) - ONLY IN WELL ARAMW-2

GENERAL INFORMATION

WEATHER:	Overcast, Temp 80°F
SHIPPED VIA:	FED-X
SHIPPED TO:	Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058 POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031
SAMPLER:	Daniel Howard
OBSERVER:	

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,

***Major Ions = Magnesium, Sodium, Potassium

MNA Metals = Total Iron, Total Manganese, Total Silica

** App. III Anions = Chloride, Fluoride, Sulfate

PROJECT NAME: Plant
Arkwright, GA - CCR GW

PLANT Arkwright FIELD SAMPLING REPORT

Project Number: 6122-20-1429.2101

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: 2021 2nd Semiannual Event; OTHER

AP-2 DAS
CCR and Major Ions

WELL ID / SAMPLE ID: ARGWC-21 MATRIX: Groundwater

WELL MATERIAL: PVC SS OTHER

SAMPLE METHOD: AED Bladder pump

DUP./REP. OF: _____

WELL DIAMETER: 2
DEPTH TO WATER: 14.30
TOTAL DEPTH: 26.98

GRAB (x) COMPOSITE ()

Pump Intake Set at (btoc): 21.98
or

WATER COLUMN HEIGHT: _____
PURGE VOLUME: _____

Tubing Inlet Set at (btoc): _____

[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]
[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]
[1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

TIME	VOL. PURGED (gal)	DO (± 0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (± 0.1 pH units)	SPEC. COND. ($\mu\text{s/cm}$) [$\pm 5\%$]	TEMP ($^{\circ}\text{C}$) Record only	TURB. (NTU) [≤ 5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 1543	0	0.40	82.8	5.94	723.21	21.62	25.1	150	14.30
1548	0.2	0.32	711.6	5.94	711.01	21.09	18.7	150	14.94
1553	0.4	0.28	90.5	5.94	716.55	21.02	13.0	150	14.86
1558	0.6	0.26	87.4	5.94	710.94	21.00	8.70	150	14.83
1603	0.8	0.24	85.0	5.94	715.95	20.99	7.39	150	14.80
1608	1.0	0.24	83.5	5.94	714.03	21.04	6.89	150	14.80
1613	1.2	0.23	82.3	5.94	713.77	21.09	6.29	150	14.80
1618	1.4	0.23	81.6	5.94	712.08	21.09	5.54	150	14.80
1623	1.6	0.22	80.9	5.94	708.29	21.09	5.33	150	14.80
1628	1.8	0.22	80.1	5.94	708.89	21.15	4.62	150	14.80

NOTES: ¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.
If well is purged dry, allow to recharge and sample within 24 hrs.
Turbidity < 5 NTUs

SAMPLE DATE: 9/8/21
SAMPLE TIME: 1630

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	1	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals* + Silver+ Major Ions***
250 mL poly	1	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	1	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	1	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	2	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	1	Zn Acetate + NaOH; Cool to 40C	USEPA 9034	Sulfide
250 mL poly	1	Cool to 6°C	SM 2320B	Total Alkalinity

pH check
~2
~2
~2

GENERAL INFORMATION	
WEATHER:	<u>Raining Temp 82°F</u>
SHIPPED VIA:	FED-X
SHIPPED TO:	Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058 POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031
SAMPLER:	<u>Daniel Howard</u>
OBSERVER:	

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,
***Major Ions = Magnesium, Sodium, Potassium
** App. III Anions = Chloride, Fluoride, Sulfate

PROJECT NAME: Plant
Arkwright, GA - CCR GW

PLANT Arkwright FIELD SAMPLING REPORT

Project Number: 6122-20-1429.2101

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: 2021 2nd Semmiannual Event; MNA OTHER

AP-2 DAS

WELL ID / SAMPLE ID: ARGWC-22

MATRIX: Groundwater

CCR and Major Ions and MNA Parameters

WELL MATERIAL: PVC SS OTHER

SAMPLE METHOD: Peristaltic pump

WELL DIAMETER: 2

DUP./REP. OF: _____

DEPTH TO WATER: 14.28

GRAB (x) COMPOSITE ()

TOTAL DEPTH: 27.71

Pump Intake Set at (btoc): _____

WATER COLUMN HEIGHT: _____

or

PURGE VOLUME: _____

Tubing Inlet Set at (btoc): 22.71

[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]

[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]

[1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

TIME	VOL. PURGED (gal)	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [<5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 0915	0	0.86	208.2	5.54	1492.3	18.77	0.86	200	14.28
0920	0.25	0.318	206.6	5.54	1549.7	18.63	0.75	200	14.53
0925	0.5	0.26	171.0	5.54	1535.9	18.64	0.32	200	14.54
0930	0.75	0.22	149.1	5.55	1521.8	18.65	0.45	200	14.54
0935	1.0	0.20	132.0	5.57	1511.0	18.69	0.53	200	14.54
0940	1.25	0.19	111.2	5.59	1494.2	18.73	0.58	200	14.54
0945	1.50	0.18	96.6	5.61	1479.6	18.77	0.57	200	14.54
0950	1.75	0.18	83.0	5.62	1478.1	18.82	1.14	200	14.54

NOTES:

¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.

If well is purged dry, allow to recharge and sample within 24 hrs.

Turbidity < 5 NTUs

Ferrous Fe = 3.5 mg/L

IRON III/III SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORMETRIC KIT

SAMPLE DATE: 9/10/21

SAMPLE TIME: 0952

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	1	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	1	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	1	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	1	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	2	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	1	Zn Acetate + NaOH; Cool to 4°C	USEPA 9034	Sulfide
250 mL poly	1	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	1	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	24	Cool to 6°C H2SO4	53405-9060A	Total Organic Carbon
250 mL poly	1	Cool to 6°C	SW6020A	Arsenic III/ V (Speciation) - ONLY IN WELL ARAMW-2

pH check
← 2
← 2
← 2

40ml vial

GENERAL INFORMATION

WEATHER:	Partly Sunny Temp 72°F
SHIPPED VIA:	FED-X
SHIPPED TO:	Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058 POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031
SAMPLER:	Daniel Howard
OBSERVER:	

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,

***Major Ions = Magnesium, Sodium, Potassium

MNA Metals = Total Iron, Total Manganese, Total Silica

** App. III Anions = Chloride, Fluoride, Sulfate

PROJECT NAME: Plant
Arkwright, GA - CCR GW

PLANT Arkwright FIELD SAMPLING REPORT

Project Number: 6122-20-1429.2101

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: X 2021 2nd Semmiannual Event; MNA OTHER

AP-2 DAS

WELL ID / SAMPLE ID: ARGWC-23

MATRIX: Groundwater

CCR and Major Ions and MNA Parameters

WELL MATERIAL: X PVC SS OTHER

SAMPLE METHOD: Peristaltic pump

WELL DIAMETER: 2
DEPTH TO WATER: 12.48
TOTAL DEPTH: 28.05

GRAB (x) COMPOSITE ()

DUP./REP. OF:

WATER COLUMN HEIGHT:
PURGE VOLUME:

Pump Intake Set at (btoc):

or

Tubing Inlet Set at (btoc): 23.05

[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]
[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]
[1.47 x water column height (ft) x 3 (well volumes) for 6" wells]

TIME	VOL. PURGED (gal)	DO (±0.2 mg/L or 10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only)	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [<5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 1104	0	0.90	189.1	6.34	476.28	25.38	1.17	100 ()	12.48
1109	0.125	0.40	176.4	6.34	474.09	24.23	1.48	100	13.39
1114	0.25	0.36	171.5	6.34	473.50	24.00	1.10	100	13.50
1119	0.375	0.31	170.5	6.34	470.80	23.80	1.06	100	13.52
1124	0.50	0.29	168.7	6.34	473.24	23.86	1.27	100	13.53
1129	0.625	0.29	168.0	6.35	480.86	24.09	1.60	100	13.53
1134	0.75	0.29	165.5	6.35	476.91	24.29	0.58	100	13.53

NOTES: ¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen. Ferrrous Fe 0-10 mg/L
If well is purged dry, allow to recharge and sample within 24 hrs. Hach Field Test Kit Lot M00024 F25 Exp 01/26
Turbidity < 5 NTUs Ferrrous Fe = 0 mg/L
IRON III/III SPECIATION WILL BE DONE IN THE FIELD USING HACH COLORMETRIC KIT

SAMPLE DATE: 9/9/21
SAMPLE TIME: 1136

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
250 mL poly	1	HNO3 to pH <2	SW6020B/EPA 7470A	App III, IV Total Metals*, Major Ions*** + Silver+MNA Metals
250 mL poly	1	HNO3 to pH <2, after field filtering	SW6020B	Dissolved Metals - Iron, Manganese
250 mL poly	1	Cool to 6°C	EPA 300.0 R2.1/EPA 9034	App III Anions**, Nitrate/Nitrite
500 mL poly	1	Cool to 6°C	SM 2540C	Total Dissolved Solids (TDS)
1L poly	2	HNO3 to pH <2	E9315/E9320	Radium 226 & 228 combined
250 mL poly	1	Zn Acetate + NaOH; Cool to 4°C	USEPA 9034	Sulfide
250 mL poly	1	Cool to 6°C	SM 2320B	Total Alkalinity
250 mL poly	1	Cool to 6°C	E 300.0	Bromide, Ortho-phosphorous
250 mL poly	1	Cool to 6°C	5310B	Total Organic Carbon
250 mL poly	1	Cool to 6°C	SW6020A	Arsenic III/ V (Speciation) - ONLY IN WELL ARAMW-2

pH check
←2
←2
←2

GENERAL INFORMATION	
WEATHER:	<u>Partly Sunny, Temp 82°F</u>
SHIPPED VIA:	<u>FED-X</u>
SHIPPED TO:	<u>Eurofins-TestAmerica 301 Alpha Drive RIDC Park Pittsburg, PA 15238 (Lab PH) 412-963-7058</u> <u>POC: Contact: Shali Brown <Shali.Brown@Eurofinset.com> - PH:615-301-5031</u>
SAMPLER:	<u>Daniel Howard</u>
OBSERVER:	<u> </u>

* Total Metals - App III = Boron, Calcium, App IV = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Mercury, Molybdenum, Selenium, Thallium,
***Major Ions = Magnesium, Sodium, Potassium
MNA Metals = Total Iron, Total Manganese, Total Silica
** App. III Anions = Chloride, Fluoride, Sulfate

CALIBRATION DATA

Date: 9/7/21
 Time: 1315
 Prepared By: Daniel Howard
 Checked By: _____

Wood.
 Project No.
 6122201429

Pine Sonde ID: _____
 Pine Handset ID: 843285
 Battery Voltage %: 88

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes _____ No <input checked="" type="checkbox"/>	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		<u>33.63</u>
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):		
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	<u>mbar</u> <u>1002.5</u>
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:		
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	<u>6.97</u>
DO concentration after Calibration (mg/L):		<u>6.82</u>
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	<u>99.18</u>
DO Charge (DO ch):	Acceptable Range is 25 to 75	<u>-</u>
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	<u>1.03082</u>

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]		
Calibration standard used (mS/cm)	<u>Lot 1910200</u>	<u>1.413</u>
Temperature (°C)		<u>30.82</u>
Reading before Calibration (mS/cm)		<u>1.3525</u>
Reading AFTER Calibration (mS/cm)		<u>1.413</u>
Conductivity Cell Constant (unitless):		<u>0.988</u>

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH		
pH 7.0 value before calibration:	<u>Lot 21010066</u> <u>8/22</u>	<u>7.19</u>
pH 7.0 value after calibration:	<u>29.29°C</u>	<u>7.00</u>
pH 7.0 mV (range is -50 to +50 mV):		<u>-2.5</u>
pH 10 value before calibration:	<u>Lot 21080189</u> <u>6/22</u>	<u>10.40</u>
pH 10 value after calibration:	<u>28.73°C</u>	<u>10.00</u>
pH 10 mV (range is -130 to -230 mV):		<u>-169.5</u>
pH 4.0 value before calibration:	<u>Lot 21070193</u> <u>8/22</u>	<u>4.21</u>
pH 4.0 value after calibration:	<u>29.05°C</u>	<u>4.00</u>
pH 4.0 mV (range is 130 to 230 mV):		<u>173.4</u>

Note: Span between ph 4 and 7, and 7 and 10 should be between 165 to 180 mV

OXIDATION/REDUCTION POTENTIAL (ORP)		
Calibration Temperature (°C):	<u>Lot 21140141</u> <u>8/22</u>	<u>29.11</u>
Theoretical Calibration standard (mV)	$0.231 + 0.0013(25 - T) \times 1000 = \text{mV}$ (T is Temperature °C)	<u>223.73</u>
Reading before calibration (mV):		<u>213.6</u>
Reading after calibration (mV):		<u>223.73</u>

Note: mV theory will change with temperature, so calculate based on your current temp.

TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics.			
<u>20</u> NTU Turbidity Standard <u>Lot A0248</u> <u>12/21</u>	Before Cal:	After Cal:	<u>19.9</u>
<u>100</u> NTU Turbidity Standard <u>Lot A0261</u> <u>12/21</u>	Before Cal:	After Cal:	<u>98.9</u>
<u>300</u> NTU Turbidity Standard <u>Lot A0260</u> <u>12/21</u>	Before Cal:	After Cal:	<u>79.4</u>
<u>10</u> NTU Turbidity Check STD <u>Lot A0261</u> <u>12/21</u>	Before Cal:	After Cal:	<u>10.3</u>
____ NTU Turbidity Check STD	Before Cal:	After Cal:	

CALIBRATION SUCCESSFUL? _____

Hach SN 12050C017682

Date: 9/8/21Time: 0515Prepared By: Daniel Howard

Checked By: _____

Wood.

Project No.

6122201429

Pine Sonde ID: _____

Pine Handset ID: 843285Battery Voltage %: 99

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes _____ No <input checked="" type="checkbox"/>	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		23.35
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):		
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	mbar 999.01
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:		
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	8.47
DO concentration after Calibration (mg/L):		8.21
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	100.81
DO Charge (DO ch):	Acceptable Range is 25 to 75	—
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	1.022427

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]

Calibration standard used (mS/cm)	Lot 1910200	1.413
Temperature (°C)		24.50
Reading before Calibration (mS/cm)		1.430
Reading AFTER Calibration (mS/cm)		1.413
Conductivity Cell Constant (unitless):		0.977

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH		
pH 7.0 value before calibration:	Lot 21010066 8/22	7.00
pH 7.0 value after calibration:	25.21°C	7.00
pH 7.0 mV (range is -50 to +50 mV):		-2.9
pH 10 value before calibration:	Lot 21080189 6/22	10.01
pH 10 value after calibration:	25.52°C	10.00
pH 10 mV (range is -130 to -230 mV):		-170.9
pH 4.0 value before calibration:	Lot 21070193 8/22	4.04
pH 4.0 value after calibration:	25.15°C	4.00
pH 4.0 mV (range is 130 to 230 mV):		170.1

Note: Span between pH 4 and 7, and 7 and 10 should be between 165 to 180 mV

OXIDATION/REDUCTION POTENTIAL (ORP)		
Calibration Temperature (°C):	Lot 21140141 8/22	25.35
Theoretical Calibration standard (mV)	$0.231 + 0.0013(25-T) \times 1000 = \text{mV}$ (T is Temperature °C)	228.65
Reading before calibration (mV):		229.4
Reading after calibration (mV):		228.65

Note: mV theory will change with temperature, so calculate based on your current temp.

TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics.			
20 NTU Turbidity Standard Lot A0248 12/21	Before Cal:	After Cal:	19.9
100 NTU Turbidity Standard Lot A0261 12/21	Before Cal:	After Cal:	99.2
800 NTU Turbidity Standard Lot A0260 12/21	Before Cal:	After Cal:	801
10 NTU Turbidity Check STD Lot A0261 12/21	Before Cal:	After Cal:	10.5
NTU Turbidity Check STD	Before Cal:	After Cal:	

CALIBRATION SUCCESSFUL?

Hach SN12050 C017682

Date: 9/19/22
 Time: 0520
 Prepared By: Daniel Howard
 Checked By: _____

Wood.
 Project No.
 6122201429

Pine Sonde ID: _____
 Pine Handset ID: 843285
 Battery Voltage %: 99

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes _____ No <input checked="" type="checkbox"/>	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		24.49
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):		
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	mbar 996.12
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:		
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	8.09
DO concentration after Calibration (mg/L):		7.92
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	98.74
DO Charge (DO ch):	Acceptable Range is 25 to 75	—
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	1.03531

Slope

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]		
Calibration standard used (mS/cm)	Lot 1910200	1.413
Temperature (°C)		24.15
Reading before Calibration (mS/cm)		1.3957
Reading AFTER Calibration (mS/cm)		1.413
Conductivity Cell Constant (unitless):		0.989

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH		
pH 7.0 value before calibration:	Lot 21010066 8/22	7.03
pH 7.0 value after calibration:	24.34°C	7.00
pH 7.0 mV (range is -50 to +50 mV):		-4.2
pH 10 value before calibration:	Lot 21080189 6/22	10.01
pH 10 value after calibration:	24.68°C	10.00
pH 10 mV (range is -130 to -230 mV):		-171.1
pH 4.0 value before calibration:	Lot 21070193 8/22	4.02
pH 4.0 value after calibration:	24.31°C	4.00
pH 4.0 mV (range is 130 to 230 mV):		168.7

Note: Span between pH 4 and 7, and 7 and 10 should be between 165 to 180 mV

OXIDATION/REDUCTION POTENTIAL (ORP)		
Calibration Temperature (°C):	Lot 21140141 8/22	24.51
Theoretical Calibration standard (mV)	$0.231 + 0.0013(25 - T) \times 1000 = \text{mV}$ (T is Temperature °C)	229.77
Reading before calibration (mV):		229.80
Reading after calibration (mV):		229.77

Note: mV theory will change with temperature, so calculate based on your current temp.

TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics.			
20 NTU Turbidity Standard	Lot A0248 12/21	Before Cal:	After Cal: 20.2
100 NTU Turbidity Standard	Lot A0261 12/21	Before Cal:	After Cal: 10.1
800 NTU Turbidity Standard	Lot A0260 12/21	Before Cal:	After Cal: 79.8
10 NTU Turbidity Check STD	Lot A0261 12/21	Before Cal:	After Cal: 10.1
_____ NTU Turbidity Check STD		Before Cal:	After Cal:

CALIBRATION SUCCESSFUL?

Hach SN 12050C017682

Date: 9/10/21
 Time: 0515
 Prepared By: Daniel Howard
 Checked By: _____

Wood.
 Project No.
 6122201429

Pine Sonde ID: _____
 Pine Handset ID: _____
 Battery Voltage %: _____

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes _____ No _____	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		24.22
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):		
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	m bar 1001.4
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:		
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	8.36
DO concentration after Calibration (mg/L):		8.08
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	100.93
DO Charge (DO ch):	Acceptable Range is 25 to 75	—
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	1.02528

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]		
Calibration standard used (mS/cm)	Lot 19410200	1.413
Temperature (°C)		24.31
Reading before Calibration (mS/cm)		1410.9
Reading AFTER Calibration (mS/cm)		1.413
Conductivity Cell Constant (unitless):		0.991

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH		
pH 7.0 value before calibration:	Lot 21010066 8/22	7.01
pH 7.0 value after calibration:	24.93°C	7.00
pH 7.0 mV (range is -50 to +50 mV):		-4.4
pH 10 value before calibration:	Lot 21080189 6/22	10.00
pH 10 value after calibration:	25.27°C	10.00
pH 10 mV (range is -130 to -230 mV):		-171.6
pH 4.0 value before calibration:	Lot 21070193 8/22	4.01
pH 4.0 value after calibration:	25.33°C	4.00
pH 4.0 mV (range is 130 to 230 mV):		169.0

Note: Span between ph 4 and 7, and 7 and 10 should be between 165 to 180 mV

OXIDATION/REDUCTION POTENTIAL (ORP)		
Calibration Temperature (°C):	Lot 21140141 8/22	25.39
Theoretical Calibration standard (mV)	$0.231 + 0.0013(25 - T) \times 1000 = \text{mV}$ (T is Temperature °C)	228.63
Reading before calibration (mV):		227.8
Reading after calibration (mV):		228.63

Note: mV theory will change with temperature, so calculate based on your current temp.

TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics.			
20 NTU Turbidity Standard	Lot A0248 12/21	Before Cal:	After Cal: 20.2
100 NTU Turbidity Standard	Lot A0261 12/21	Before Cal:	After Cal: 10.2
300 NTU Turbidity Standard	Lot A0260 12/21	Before Cal:	After Cal: 8.06
10 NTU Turbidity Check STD	Lot A0261 12/21	Before Cal:	After Cal: 10.1
NTU Turbidity Check STD		Before Cal:	After Cal:

CALIBRATION SUCCESSFUL?

Hech SN 12050C017682

Date: 9/7/21
 Time: 12:00
 Prepared By: A. SCORRETT
 Checked By:

Wood.
 Project No.
 6122201429

In Sta Aqua Roll 400
 Pine Sonde ID: 850762
 Pine Handset ID: Apple Tablet
 Battery Voltage %: 100
 Mach 2100Q: 180906070299

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		<u>28.66</u>
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):		
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:		
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	<u>99.775</u> (99.92%)
DO concentration after Calibration (mg/L):		<u>7.59</u>
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	
DO Charge (DO ch):	Acceptable Range is 25 to 75	
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]		
Calibration standard used (mS/cm)	<u>Lot 19410200 Exp NA</u>	<u>1.413</u>
Temperature (°C)		<u>26.74</u>
Reading before Calibration (mS/cm)		<u>1.312.1</u>
Reading AFTER Calibration (mS/cm)		<u>1.41</u>
Conductivity Cell Constant (unitless):		<u>—</u>

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH		
pH 7.0 value before calibration:	<u>Lot# 21010066 Exp. 08/22</u>	<u>7.15</u> 26.52°C
pH 7.0 value after calibration:		<u>7.00</u>
pH 7.0 mV (range is -50 to +50 mV):		<u>-6.3</u>
pH 10 value before calibration:	<u>Lot# 21080189 Exp. 06/22</u>	<u>10.42</u>
pH 10 value after calibration:		<u>10.</u>
pH 10 mV (range is -130 to -230 mV):		<u>-175.4</u>
pH 4.0 value before calibration:	<u>Lot# 21070193 Exp. 08/22</u>	<u>4.13</u> 26.49°C
pH 4.0 value after calibration:		<u>4.00</u>
pH 4.0 mV (range is 130 to 230 mV):		<u>170.8</u>

Note: Span between ph 4 and 7, and 7 and 10 should be between 165 to 180 mV

OXIDATION/REDUCTION POTENTIAL (ORP) (Std 228mV) Exp. 08/22		
Calibration Temperature (°C):	<u>Lot# 21120141</u>	<u>26.49</u>
Theoretical Calibration standard (mV)	$0.231 + 0.0013(25 - T) \times 1000 = \text{mV}$ (T is Temperature °C)	
Reading before calibration (mV):		<u>218.7</u>
Reading after calibration (mV):		

Note: mV theory will change with temperature, so calculate based on your current temp.

TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics.				
20 NTU Turbidity Standard	<u>Lot# A0255 Exp. 12/21</u>	Before Cal: <u>20.3</u>	After Cal: <u>20.2</u>	
100 NTU Turbidity Standard	<u>Lot# A0217 Exp. 11/21</u>	Before Cal: <u>98.7</u>	After Cal: <u>98.6</u>	
800 NTU Turbidity Standard	<u>Lot# AX9137 Exp. NA</u>	Before Cal: <u>776</u>	After Cal: <u>783</u>	
10 NTU Turbidity Check STD	<u>Lot# NA Exp. NA</u>	Before Cal: <u>10.4</u>	After Cal: <u>10.2</u>	
NTU Turbidity Check STD		Before Cal:	After Cal:	
CALIBRATION SUCCESSFUL?				<u>YES</u>

Date: 9/8/21
 Time: 07:30
 Prepared By: A SHOREFELTS
 Checked By: -

Wood.
 Project No.
 6122201429

In-Situ Aquameter 400
 Pine Sonde ID: 850762
 Pine Handset ID: Apple Tablet
 Battery Voltage %: 100
 Hack 21000: 180900070299

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes _____ No <input checked="" type="checkbox"/>	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		<u>22.16</u>
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):		
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:		
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	<u>8.50</u> 98.45%
DO concentration after Calibration (mg/L):		<u>8.62</u> 100.1%
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	
DO Charge (DO ch):	Acceptable Range is 25 to 75	
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]		
Calibration standard used (mS/cm)	<u>Lot # 19410200 Exp NA</u>	<u>1.413</u>
Temperature (°C)		<u>22.34</u>
Reading before Calibration (mS/cm)		<u>1.420</u>
Reading AFTER Calibration (mS/cm)		<u>1.41</u>
Conductivity Cell Constant (unitless):		<u>-</u>

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH		
pH 7.0 value before calibration:	<u>Lot # 21010066 Exp. 08/22</u>	<u>7.05</u> 23.22°C
pH 7.0 value after calibration:		<u>7.00</u>
pH 7.0 mV (range is -50 to +50 mV):		<u>-8.1</u>
pH 10 value before calibration:	<u>Lot # 2080189 Exp. 06/22</u>	<u>10.06</u> 23.41°C
pH 10 value after calibration:		<u>10.00</u>
pH 10 mV (range is -130 to -230 mV):		<u>-179</u>
pH 4.0 value before calibration:	<u>Lot # 21070193 Exp. 08/22</u>	<u>4.03</u> 23.49°C
pH 4.0 value after calibration:		<u>4.00</u>
pH 4.0 mV (range is 130 to 230 mV):		<u>167.5</u>

Note: Span between pH 4 and 7, and 7 and 10 should be between 165 to 180 mV

OXIDATION/REDUCTION POTENTIAL (ORP) (Std 228mV)		
Calibration Temperature (°C):	<u>Lot # 21140141 Exp. 08/22</u>	<u>23.50</u>
Theoretical Calibration standard (mV)	$0.231 + 0.0013(25-T) \times 1000 = \text{mV}$ (T is Temperature °C)	
Reading before calibration (mV):		<u>230.6</u>
Reading after calibration (mV):		<u>228.</u>

Note: mV theory will change with temperature, so calculate based on your current temp.

TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics.			
<u>20</u> NTU Turbidity Standard	<u>Lot # A0255 Exp. 12/21</u>	Before Cal: <u>19.7</u>	After Cal: <u>19.9</u>
<u>100</u> NTU Turbidity Standard	<u>Lot # A0217 Exp. 11/21</u>	Before Cal: <u>101</u>	After Cal: <u>101</u>
<u>800</u> NTU Turbidity Standard	<u>Lot # A9137 Exp. NA</u>	Before Cal: <u>786</u>	After Cal: <u>794</u>
<u>10</u> NTU Turbidity Check STD	<u>Lot # NA Exp. NA</u>	Before Cal: <u>10.2</u>	After Cal: <u>10.3</u>
_____ NTU Turbidity Check STD		Before Cal:	After Cal:
CALIBRATION SUCCESSFUL?			<u>YES</u>

Date: 9/9/2021
 Time: 07:30
 Prepared By: A-SHOREDTIS
 Checked By: _____

Wood.
 Project No.
 6122201429

Pin-Si Fa Aqua/1000 400
 Pine Sonde ID: 850762
 Pine Handset ID: Apple Tablet
 Battery Voltage %: 100
 Hatch 2100a: 1800900070299

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes _____ No <input checked="" type="checkbox"/>	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		22.86
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):		
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:		
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	8.52
DO concentration after Calibration (mg/L):		8.50
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	
DO Charge (DO ch):	Acceptable Range is 25 to 75	
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	

101.0 %
99.89 %

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]		
Calibration standard used (mS/cm)	<u>Lot # 19410200 Exp. NA</u>	1.413
Temperature (°C)		22.02
Reading before Calibration (mS/cm)		1.41
Reading AFTER Calibration (mS/cm)		1.41
Conductivity Cell Constant (unitless):		-

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH		
pH 7.0 value before calibration:	<u>Lot # 2100066 Exp. 08/22</u>	6.99
pH 7.0 value after calibration:		7.00
pH 7.0 mV (range is -50 to +50 mV):		-7.2
pH 10 value before calibration:	<u>Lot # 21070193 Exp. 08/22</u>	4.01
pH 10 value after calibration:		4.00
pH 10 mV (range is -130 to -230 mV):		167.2
pH 4.0 value before calibration:	<u>Lot # 21080189 Exp. 06/22</u>	9.96
pH 4.0 value after calibration:		10.00
pH 4.0 mV (range is 130 to 230 mV):		-178.8

22.30 °C
22.33 °C
22.47 °C

Note: Span between pH 4 and 7, and 7 and 10 should be between 165 to 180 mV

OXIDATION/REDUCTION POTENTIAL (ORP) (std 288mV)		
Calibration Temperature (°C):	<u>Lot # 21140141 Exp. 08/22</u>	22.48
Theoretical Calibration standard (mV)	0.231+0.0013(25-T) x 1000 = mV (T is Temperature °C)	
Reading before calibration (mV):		289.7
Reading after calibration (mV):		

Note: mV theory will change with temperature, so calculate based on your current temp.

TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics.				
<u>20</u> NTU Turbidity Standard	<u>Lot # A0255 Exp. 12/21</u>	Before Cal: <u>20.0</u>	After Cal:	<u>19.4</u>
<u>100</u> NTU Turbidity Standard	<u>Lot # A0217 Exp. 11/21</u>	Before Cal: <u>99.0</u>	After Cal:	<u>99.1</u>
<u>800</u> NTU Turbidity Standard	<u>Lot # A9137 Exp. NA</u>	Before Cal: <u>801</u>	After Cal:	<u>827</u>
<u>10</u> NTU Turbidity Check STD	<u>Lot # NA Exp. NA</u>	Before Cal: <u>10.3</u>	After Cal:	<u>10.6</u>
_____ NTU Turbidity Check STD		Before Cal:	After Cal:	

CALIBRATION SUCCESSFUL?	YES
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Date: 9/10/2021
 Time: 06:00
 Prepared By: A. SHORE DETS
 Checked By: _____

Wood.
 Project No.
 6122201429

In-Situ AquatROLL 400
 Pine Sonde ID: 850762
 Pine Handset ID: Apple tablet
 Battery Voltage %: 100
 Hach 2100Q: 180900070299

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes _____ No <input checked="" type="checkbox"/>	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		18.93
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):		
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:		
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	8.89
DO concentration after Calibration (mg/L):		9.01
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	
DO Charge (DO ch):	Acceptable Range is 25 to 75	
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	

98.01%
 96.92%

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]	
Calibration standard used (mS/cm)	Lot # 19410200 Exp. NA
Temperature (°C)	21.44
Reading before Calibration (mS/cm)	1.42
Reading AFTER Calibration (mS/cm)	1.41
Conductivity Cell Constant (unitless):	

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH	
pH 7.0 value before calibration:	Lot # 21010066 Exp 08/22
pH 7.0 value after calibration:	7.00
pH 7.0 mV (range is -50 to +50 mV):	-8.6
pH 10 value before calibration:	Lot # 21080189 Exp 06/22
pH 10 value after calibration:	10.00
pH 10 mV (range is -130 to -230 mV):	-179.1
pH 4.0 value before calibration:	Lot # 21070193 Exp 08/22
pH 4.0 value after calibration:	4.00
pH 4.0 mV (range is 130 to 230 mV):	165.8

22.39°C
 23.10°C
 23.54°C

Note: Span between pH 4 and 7, and 7 and 10 should be between 165 to 180 mV

OXIDATION/REDUCTION POTENTIAL (ORP) Std 228 mV	
Calibration Temperature (°C):	Lot # 21140141 Exp 08/22
Theoretical Calibration standard (mV)	$0.231 + 0.0013(25 - T) \times 1000 = \text{mV}$ (T is Temperature °C)
Reading before calibration (mV):	227.0
Reading after calibration (mV):	228.0

Note: mV theory will change with temperature, so calculate based on your current temp.

TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics.					
20 NTU Turbidity Standard	Lot # A0255	Exp. 12/21	Before Cal: 20.4	After Cal:	20.5
100 NTU Turbidity Standard	Lot # A0217	Exp 11/21	Before Cal: 101	After Cal:	101
800 NTU Turbidity Standard	Lot # A9137	Exp NA	Before Cal: 793	After Cal:	786
10 NTU Turbidity Check STD	Lot # NA	Exp. NA	Before Cal: 10.9	After Cal:	10.3
NTU Turbidity Check STD			Before Cal:	After Cal:	

CALIBRATION SUCCESSFUL? YES

Date: 9-7-2021
 Time: 12:12
 Prepared By: T. PARKER
 Checked By: _____

Wood.
 Project No.
 6122201429

Pine Sonde ID: 728648
 Pine Handset ID: A/RENTAL 72
 Battery Voltage %: 99% / 87%
IPAD / powermeter

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes _____ No <input checked="" type="checkbox"/>	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		28.62 29.41°C
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):	<u>% SAT = 107.22</u> <u>1,002.7 mb ar</u>	
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:	"Nominal" due to october temp wavy.	
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	7.76 7.66
DO concentration after Calibration (mg/L):	<u>OFFSET = 0.00 mg/L slope 1.1136</u>	
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	
DO Charge (DO ch):	Acceptable Range is 25 to 75	
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]		
Calibration standard used (mS/cm)	<u>Lot # 19410250 No Exp. on BOTTLE</u>	1,413 mS/cm
Temperature (°C)		29.08
Reading before Calibration (mS/cm)	<u>Ref. Temp: 25°C</u>	1,417.0
Reading AFTER Calibration (mS/cm)		
Conductivity Cell Constant (unitless):		0.962

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH		
pH 7.0 value before calibration:	<u>Lot # 19450117 Exp. 02/2022</u>	7.11
pH 7.0 value after calibration:	<u>27.18°C</u>	
pH 7.0 mV (range is -50 to +50 mV):		-7.0
pH 10 value before calibration:	<u>Slope = -59.27 OFFSET = -7.0 mV</u>	10.22
pH 10 value after calibration:	<u>27.32°C</u>	
pH 10 mV (range is -130 to -230 mV):		-177.0
pH 4.0 value before calibration:	<u>Lot # 20440203 Exp 02/2022</u>	4.30
pH 4.0 value after calibration:	<u>27.09°C</u>	
pH 4.0 mV (range is 130 to 230 mV):		169.170.2

Note: Span between ph 4 and 7, and 7 and 10 should be between 165 to 180 mV

OXIDATION/REDUCTION POTENTIAL (ORP)		
Calibration Temperature (°C):	<u>Lot # 19460167 Exp. 02/2022</u>	27.14
Theoretical Calibration standard (mV)	$0.231 + 0.0013(25 - T) \times 1000 = \text{mV}$ (T is Temperature °C)	220.29
Reading before calibration (mV):	<u>220.15 OFFSET = 1.3 mV</u>	220.7
Reading after calibration (mV):		

Note: mV theory will change with temperature, so calculate based on your current temp.

TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics. <u>HACH 21000 SN:</u>				
<u>20</u> NTU Turbidity Standard	<u>No Lot # on BOTTLE</u>	Before Cal:	After Cal:	19.6
<u>100</u> NTU Turbidity Standard		Before Cal:	After Cal:	99.0
<u>800</u> NTU Turbidity Standard		Before Cal:	After Cal:	786
<u>10</u> NTU Turbidity Check STD		Before Cal:	After Cal:	9.79 ✓
____ NTU Turbidity Check STD		Before Cal:	After Cal:	

CALIBRATION SUCCESSFUL?

Date: 09-08-2021
 Time: 06:15
 Prepared By: Terre M Parker
 Checked By: _____

Wood.
 Project No.
 6122201429

Pine Sonde ID: -728759-RD0
 Pine Handset ID: AIRGENTAL72
 Battery Voltage %: (100%)

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes _____ No <input checked="" type="checkbox"/>	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		21.51
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):	999.41 mbor 99.73% sat.	
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:	Slope = 1.117785 OFFSET = 0.00 mg/L	
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	8.67
DO concentration after Calibration (mg/L):		
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	
DO Charge (DO ch):	Acceptable Range is 25 to 75	
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]		
Calibration standard used (mS/cm)	Lot # 19410200 NO EXP. DATE	1.413 mS/cm
Temperature (°C)	Ref. Temp: 25°C	21.63
Reading before Calibration (mS/cm)	TDS Conv. Factor = 0.65	1.423 mS/cm
Reading AFTER Calibration (mS/cm)		
Conductivity Cell Constant (unitless):		0.955

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH		
pH 7.0 value before calibration:	Lot # 19450117 Exp. 02/2022	7.00
pH 7.0 value after calibration:	22.65°C	
pH 7.0 mV (range is -50 to +50 mV):	09-8-21	-6.6
pH 10 value before calibration:	Lot # 21010067 Exp. 02/2022	10.07
pH 10 value after calibration:	22.78°C	
pH 10 mV (range is -130 to -230 mV):	09-8-21	-178.0
pH 4.0 value before calibration:	Lot # 20440203 Exp. 02/2022	3.99
pH 4.0 value after calibration:	22.56°C	
pH 4.0 mV (range is 130 to 230 mV):	09-8-21	168.3

Note: Span between pH 4 and 7, and 7 and 10 should be between 165 to 180 mV. Slope = -58.29 mV/pH Offset = -6.5 mV ✓

OXIDATION/REDUCTION POTENTIAL (ORP)		
Calibration Temperature (°C):		22.88°C
Theoretical Calibration standard (mV)	0.231+0.0013(25-T) x 1000 = mV (T is Temperature °C)	231.84
Reading before calibration (mV):	OFFSET = -4.0 mV	237.2
Reading after calibration (mV):		237.3

Note: mV theory will change with temperature, so calculate based on your current temp. 09-8-21

TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics.			
20 NTU Turbidity Standard	Before Cal:	After Cal:	20.1
100 NTU Turbidity Standard	Before Cal:	After Cal:	100
800 NTU Turbidity Standard	Before Cal:	After Cal:	811
10 NTU Turbidity Check STD	Before Cal:	After Cal:	9.49 ✓
NTU Turbidity Check STD	Before Cal:	After Cal:	

CALIBRATION SUCCESSFUL? Yes

END TIME: 06:45

Date: 9-9-2021
 Time: 06:31
 Prepared By: Terrill Parker
 Checked By: _____

Wood.
 Project No.
 6122201429

Pine-Sonde ID: 728648
 Pine Handset ID: Airential 72
 Battery Voltage %: 100

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes _____ No <input checked="" type="checkbox"/>	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		21.98
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):	995.57 mbar	
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:	Slope: 1.126551 OFFSET: 0.00 mg/L	
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	8.57
DO concentration after Calibration (mg/L):	SATURATION: 99.160.12	7.63
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	99.98%
DO Charge (DO ch):	Acceptable Range is 25 to 75	9-9-2021
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]		VALUE
Calibration standard used (mS/cm)	LOT #19410200	1,413 mS/cm
Temperature (°C)		21.75
Reading before Calibration (mS/cm)	Cell constant below	1,256.1
Reading AFTER Calibration (mS/cm)	Ref. Temp 25°C	
Conductivity Cell Constant (unitless):		0.973

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH		VALUE
pH 7.0 value before calibration:	LOT #19450117 Exp. 02/22	7.073
pH 7.0 value after calibration:	22.43°C	
pH 7.0 mV (range is -50 to +50 mV):		-8.5
pH 10 value before calibration:	LOT #21010007 Exp. 02/22	10.001
pH 10 value after calibration:	22.58°C	
pH 10 mV (range is -130 to -230 mV):		-178.7
pH 4.0 value before calibration:	LOT #20440203 EXP.: 02/22	4.054
pH 4.0 value after calibration:	22.28	
pH 4.0 mV (range is 130 to 230 mV):	Slope & Offset 1 = -57.74 mV/pH / -7.2 mV	165.9

Note: Span between pH 4 and 7, and 7 and 10 should be between 165 to 180 mV. Slope & Offset 2 = -57.12 mV/pH / -7.2 mV

OXIDATION/REDUCTION POTENTIAL (ORP)		VALUE
Calibration Temperature (°C):	LOT #19460167 Exp. 02/22	22.83
Theoretical Calibration standard (mV)	0.231+0.0013(25-T) x 1000 = mV (T is Temperature °C)	231.95
Reading before calibration (mV):	OFFSET: -5.1 mV @ 22.78°C	233.3
Reading after calibration (mV):	T	

Note: mV theory will change with temperature, so calculate based on your current temp.

TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics.			
20 NTU Turbidity Standard	Before Cal:	After Cal:	20.0
100 NTU Turbidity Standard	Before Cal:	After Cal:	101
800 NTU Turbidity Standard	Before Cal:	After Cal:	805
10 NTU Turbidity Check STD <u>Bake Standard</u>	Before Cal:	After Cal:	9.86 ✓
_____ NTU Turbidity Check STD	Before Cal:	After Cal:	
CALIBRATION SUCCESSFUL?			YES

Date: 9-10-2021
 Time: 06:00
 Prepared By: Terrell Parker
 Checked By: _____

Wood.
 Project No.
 6122201429

Pine Sonde ID: 728648
 Pine Handset ID: AIRental72
 Battery Voltage %: 100%

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes _____ No <input checked="" type="checkbox"/>	Date: _____ Time: _____
Current Air Temperature °C (meter reading):		21.62
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):	Slope: 1.117427 Offset: 0.00	1,001.6 mbar
Elevation Corrected Barometric Pressure to enter into YSI DO calibration:	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg	
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure:	100.62 % Saturation	
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	8.77
DO concentration after Calibration (mg/L):		7.79
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	
DO Charge (DO ch):	Acceptable Range is 25 to 75	
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	

Note:

CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)]		
Calibration standard used (mS/cm)	Lot # 19410200 No Exp. Date	1,413.5 µS/cm
Temperature (°C)		22.84
Reading before Calibration (mS/cm)	Ref. Temp: 25°C	1,416.5
Reading AFTER Calibration (mS/cm)	TDS Conv. Factor: 0.65	
Conductivity Cell Constant (unitless):		0.971

Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table)

pH		
pH 7.0 value before calibration:	Lot # 19450117 Exp. 02/2022	7.01
pH 7.0 value after calibration:	22.61°C	
pH 7.0 mV (range is -50 to +50 mV):		-7.7
pH 10 value before calibration:	Lot # 21510067 Exp. 02/2022	10.00
pH 10 value after calibration:	22.60°C	
pH 10 mV (range is -130 to -230 mV):		-178.5
pH 4.0 value before calibration:	Lot # 20440203 Exp. 02/2022	3.98
pH 4.0 value after calibration:	22.26°C	
pH 4.0 mV (range is 130 to 230 mV):	Slope + offset 1: -58.24 mV/pH / -7.6 mV Slope + offset 2: -57.82 mV/pH / -7.6 mV	167.1

Note: Span between pH 4 and 7, and 7 and 10 should be between 165 to 180 mV

OXIDATION/REDUCTION POTENTIAL (ORP)		
Calibration Temperature (°C):	Lot # 19440167 Exp. 02/2022	22.64°C
Theoretical Calibration standard (mV)	$0.231 + 0.0013(25 - T) \times 1000 = \text{mV}$ (T is Temperature °C)	232.2
Reading before calibration (mV):	Offset = -6.2 mV @ 22.57°C	233.3
Reading after calibration (mV):		

Note: mV theory will change with temperature, so calculate based on your current temp.

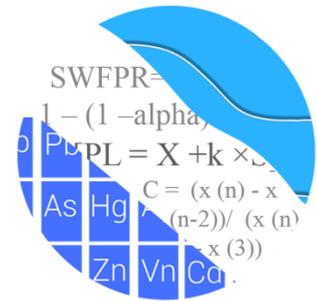
TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics.			
20 NTU Turbidity Standard	Before Cal:	After Cal:	19.8
100 NTU Turbidity Standard	Before Cal:	After Cal:	99.2
800 NTU Turbidity Standard	Before Cal:	After Cal:	796
10 NTU Turbidity Check STD	Before Cal:	After Cal:	10.0
NTU Turbidity Check STD	Before Cal:	After Cal:	
CALIBRATION SUCCESSFUL?			Yes

9-10-2021
 13:20
 [Signature]

APPENDIX C

STATISTICAL ANALYSES

GROUNDWATER STATS CONSULTING



February 28, 2022

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Arkwright Ash Pond 2/Dry Ash Stockpile
September 2021 Semi-Annual Sample Event

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the September 2021 Semi-Annual Groundwater Monitoring Detection and Assessment statistical analysis of monitoring data for Georgia Power Company's Plant Arkwright Ash Pond 2/Dry Ash Stockpile. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Semi-annual sampling is conducted for USEPA's Coal Combustion Residuals (CCR) Appendix III and IV, parameters in addition to Appendix I parameters in accordance with the Georgia Department of Natural Resources, Environmental Protection Division groundwater monitoring regulations. The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** ARGWA-19 and ARGWA-20
- **Downgradient wells:** ARGWC-21, ARGWC-22, and ARGWC-23
- **Delineation wells:** ARAMW-1, ARAMW-2, ARAMW-7, and ARAMW-8

Delineation wells ARAMW-1 and ARAMW-2 were installed in late 2019, and wells ARAMW-7 and ARAMW-8 were installed in late 2020. Delineation wells with less than 4 samples did not require formal statistics; therefore, these well/constituent pairs were only

plotted on time series graphs and box plots. Delineation wells with 4 or more samples were additionally evaluated with confidence intervals.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Groundwater Statistician for Groundwater Stats Consulting.

The CCR program consists of the following constituents:

- **Georgia Appendix I:** arsenic, barium, cadmium, lead, selenium, and silver
- **CCR Appendix III:** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **CCR Appendix IV:** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lithium, lead, mercury, molybdenum, selenium, and thallium

Data for Appendix I constituents were analyzed using interwell prediction limits and confidence intervals; data for Appendix III constituents were analyzed using interwell prediction limits; and data for Appendix IV were analyzed using confidence intervals. Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. Summaries of well/constituent pairs containing 100% non-detects since 2016 for all constituents follow this letter.

For all constituents, a substitution of the most recent reporting limit is used for non-detect data. For time series plots, interwell prediction limits, and upper tolerance limits, a single reporting limit substitution is used across all wells.

Time series plots for all well/constituent pairs are provided and are particularly useful for screening parameters detected in downgradient wells which require statistical analyses (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs. A summary of flagged outliers follows this report (Figure C).

Based on the previous screening described below, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided in the previous analysis to

demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan (all parameters)
- # Constituents: 5 (cadmium was 100% non-detect in downgradient wells)
- # Downgradient wells: 3

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan (all parameters)
- # Constituents: 7
- # Downgradient wells: 3

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. Parametric prediction limits (or tolerance limits or confidence intervals, as applicable) are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with parametric limits is based on an annual 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The following approaches are used for handling non-detects (USEPA, 2009).

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <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 most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean

and standard deviation of the historical concentrations to account for concentrations below the reporting limit.

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

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In some cases, the earlier portion of data may require deselection prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs. No adjustments were required at this time.

Summary of Background Screening – Conducted in 2019

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at wells ARGWA-19, ARGWA-20, and ARGWC-21 for Appendix I, Appendix III, and Appendix IV parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. Outliers were flagged in downgradient wells, though there are no intrawell statistical analyses in the current report. This improves the estimate of downgradient confidence intervals and provides for possible future application of intrawell statistics. As noted below, current values that could result in exceedances were not flagged.

A summary of flagged values is included in Figure C. When the most recent values are identified as outliers in upgradient wells, those values are typically not flagged in the database (except in cases where they would cause background limits to be elevated) as they may represent a possible trend in an upgradient well. If future values do not remain at similar concentrations, these values will be flagged as outliers and deselected. Several low values exist in the data sets and appear on the graphs as possible low outliers relative to the laboratory's Practical Quantitation Limit. However, these values are observed trace values (i.e., measurements reported by the laboratory between the Method Detection Limit and the Practical Quantitation Limit) and, therefore, were not flagged as outliers. Due to changing reporting limits, when non-detects are replaced with the most recent

reporting limit, previously flagged "J" values (or estimated values) are sometimes flagged as outliers if they are much higher than current reporting limits.

Additionally, when any values are flagged in the database as outliers, they are plotted in a disconnected and lighter symbol on the time series graph. The accompanying data pages display the flagged value in a lighter font as well. A substitution of the most recent reporting limit was applied when varying detection limits existed in data.

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test was used to evaluate all data at wells ARGWA-19, ARGWA-20, and ARGWC-21 to identify statistically significant increasing or decreasing trends. In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different than current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses were included with the previous screenings and showed a few statistically significant trends, both increasing and decreasing. No adjustments to the background period were made because the overall changes were relatively small. Since intrawell tests are not used in this current analysis, the background levels are not affected by trends in downgradient wells.

Appendix III – Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare

compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells are not representative of the current background data population; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter.

The ANOVA identified significant differences among upgradient well data for several constituents. While data were further tested for intrawell eligibility during the screening, interwell methods will be used for all Appendix I and Appendix III constituents in accordance with Georgia EPD requirements.

Prediction Limits Appendix I & III Parameters – September 2021

All Appendix I and III parameters are analyzed using interwell prediction limits. Upgradient well data were re-assessed for potential outliers during this analysis. No new values were flagged and a summary of flagged outliers follows this report (Figure C).

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical upgradient well data through September 2021 for Appendix I and III constituents (Figures D & E, respectively). As mentioned above, wells containing 100% non-detects did not require statistical analyses. Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The September 2021 sample from each downgradient well is compared to the background limit to determine whether initial exceedances are present.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When a resample confirms the initial exceedance, a statistically significant increase is identified and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no exceedance is noted, and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance. Summary tables and graphical results for the interwell prediction limits for Appendix I and III constituents limits follow this letter. The following exceedances were noted for Appendix I and Appendix III well/constituent pairs:

Appendix I:

- Barium: ARGWC-23

Appendix III:

- Boron: ARGWC-21, ARGWC-22, and ARGWC-23
- Calcium: ARGWC-21, ARGWC-22, and ARGWC-23
- Fluoride: ARGW-21 and ARGWC-23
- pH: ARGWC-23
- Sulfate: ARGWC-21, ARGWC-22, and ARGWC-23
- TDS ARGWC-21, ARGWC-22, and ARGWC-23

Note that the September 2021 observation for barium at downgradient well ARGWC-23 equals the established interwell prediction limit when rounded to the same number of significant figures as the prediction limit.

Trend Tests – Appendix III

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable (Figure F). Upgradient well data are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Upgradient trends are an indication of natural variability in groundwater quality unrelated to practices at the site. Both a summary and graphical display of the trend test results follows this letter. Statistically significant trends were identified for the following well/constituent pairs:

Increasing:

- Boron: ARGWA-20 (upgradient) and ARGWC-21
- Calcium: ARGWC-21
- Fluoride: ARGWC-23
- Sulfate: ARGWC-21
- TDS: ARGWC-21

Decreasing:

- Sulfate: ARGWA-19 (upgradient)

Confidence Interval Analysis of Appendix I & IV Parameters – September 2021

For Appendix I and IV parameters, confidence intervals for each downgradient well/constituent pair were compared against corresponding Groundwater Protection Standards (GWPS). GWPS were developed as described below. Downgradient well/constituent pairs containing 100% non-detects do not require analysis. Data from upgradient wells for Appendix I and IV parameters are reassessed for outliers during each

analysis. No new values were flagged, and a summary of previously flagged outliers follows this report (Figure C).

Interwell Upper Tolerance Limits

First, interwell tolerance limits were used to calculate site-specific background limits from all available pooled upgradient well data through September 2021 for Appendix I and IV constituents (Figure G). Parametric tolerance limits are used when data follow a normal or transformed-normal distribution. When data contained greater than 50% non-detects or did not follow a normal or transformed-normal distribution, non-parametric tolerance limits were used.

Groundwater Protection Standards

The background limits were then used when determining the groundwater protection standard (GWPS) under Georgia EPD Rule 391-3-4-.10(6)(a). Georgia EPD has not incorporated the updated GWPS into the current Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a); therefore, for sites regulated under Georgia EPD Rules, the GWPS is:

- The MCL or
- The background concentration when an MCL is not established or when the background concentration is higher than the MCL.

Following the above Georgia EPD Rule requirements, GWPS were established for statistical comparison of Appendix I and IV constituents for the September 2021 sample event according to the state rules (Figure H).

Confidence Intervals

To complete the statistical comparison to GWPS, confidence intervals were constructed when a minimum of 4 samples was available using data since 2016 for each of the Appendix I and IV constituents in accordance with the state requirements in each downgradient well (Figure I). The Sanitas software was used to calculate the tolerance limits and the confidence intervals. Those confidence intervals were compared to the GWPS established using the Georgia EPD Rules 391-3-4-.10(6)(a). Only when the entire confidence interval is above a GWPS is the downgradient well/constituent pair considered to exceed its respective standard. If there is an exceedance of the GWPS, a statistically significant level (SSL) exceedance is identified. For state confidence intervals, exceedances were identified for the following well/constituent pairs:

- Cobalt: ARGWC-22
- Lithium: ARAMW-2, ARGWC-22, and ARGWC-23
- Molybdenum: ARGWC-23

Trend Test Evaluation – Appendix I & IV

Data at wells with confidence interval exceedances are further evaluated using the Sen’s Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable (Figure J). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site for the same constituents. When trends are present in upgradient trends, it is an indication of natural variability in groundwater quality unrelated to practices at the site. A summary of the Appendix I & IV trend test results follows this letter and statistically significant trends were identified for the following well/constituent pairs:

Increasing

- Lithium: ARGWC-23
- Molybdenum: ARGWC-23

Decreasing

- Cobalt: ARGWC-22

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Arkwright Ash Pond 2/Dry Ash Stockpile. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Andrew Collins
Project Manager



Kristina Rayner
Groundwater Statistician

100% Non-Detects: Appendix I Downgradient

Analysis Run 11/22/2021 9:46 AM View: Appendix I

Plant Arkwright Client: Southern Company Data: Arkwright No 2

Cadmium (mg/L)

ARGWC-21, ARGWC-22, ARGWC-23

Selenium (mg/L)

ARGWC-21, ARGWC-23

Silver (mg/L)

ARGWC-22, ARGWC-23

100% Non-Detects: Appendix I & IV Downgradient and Delineation

Analysis Run 11/22/2021 10:07 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Antimony (mg/L)

ARAMW-1, ARAMW-2, ARAMW-7, ARAMW-8, ARGWC-21, ARGWC-22, ARGWC-23

Arsenic (mg/L)

ARAMW-1

Beryllium (mg/L)

ARAMW-1, ARAMW-2, ARAMW-7, ARAMW-8, ARGWC-21

Cadmium (mg/L)

ARAMW-1, ARAMW-2, ARAMW-7, ARAMW-8, ARGWC-21, ARGWC-22, ARGWC-23

Chromium (mg/L)

ARAMW-1, ARAMW-2, ARAMW-7, ARAMW-8, ARGWC-23

Lead (mg/L)

ARAMW-1, ARAMW-2, ARAMW-8

Mercury (mg/L)

ARAMW-1, ARAMW-2, ARAMW-7, ARAMW-8, ARGWC-22, ARGWC-23

Molybdenum (mg/L)

ARGWC-21

Selenium (mg/L)

ARAMW-1, ARAMW-2, ARAMW-7, ARAMW-8, ARGWC-21, ARGWC-23

Silver (mg/L)

ARAMW-1, ARAMW-2, ARAMW-7, ARAMW-8, ARGWC-22, ARGWC-23

Thallium (mg/L)

ARAMW-1, ARAMW-2, ARAMW-7, ARAMW-8, ARGWC-21

Appendix I - Interwell Prediction Limits - Significant Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 11/22/2021, 9:49 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>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	ARGWC-23	0.1	n/a	9/9/2021	0.12	Yes	60	n/a	n/a	0	n/a	n/a	0.0005253	NP Inter (normality) 1 of 2

Appendix I - Interwell Prediction Limits - All Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 11/22/2021, 9:49 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	ARGWC-21	0.0015	n/a	9/8/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	ARGWC-22	0.0015	n/a	9/10/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	ARGWC-23	0.0015	n/a	9/9/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Barium (mg/L)	ARGWC-21	0.1	n/a	9/8/2021	0.045	No	60	n/a	n/a	0	n/a	n/a	0.0005253	NP Inter (normality) 1 of 2
Barium (mg/L)	ARGWC-22	0.1	n/a	9/10/2021	0.026	No	60	n/a	n/a	0	n/a	n/a	0.0005253	NP Inter (normality) 1 of 2
Barium (mg/L)	ARGWC-23	0.1	n/a	9/9/2021	0.12	Yes	60	n/a	n/a	0	n/a	n/a	0.0005253	NP Inter (normality) 1 of 2
Lead (mg/L)	ARGWC-21	0.001	n/a	9/8/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Lead (mg/L)	ARGWC-22	0.001	n/a	9/10/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Lead (mg/L)	ARGWC-23	0.001	n/a	9/9/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Selenium (mg/L)	ARGWC-22	0.005	n/a	9/10/2021	0.002J	No	59	n/a	n/a	62.71	n/a	n/a	0.0005475	NP Inter (NDs) 1 of 2
Silver (mg/L)	ARGWC-21	0.001	n/a	9/8/2021	0.001ND	No	50	n/a	n/a	90	n/a	n/a	0.0007472	NP Inter (NDs) 1 of 2

Appendix III - Interwell Prediction Limit - Significant Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:14 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	ARGWC-21	0.08129	n/a	9/8/2021	0.79	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Boron (mg/L)	ARGWC-22	0.08129	n/a	9/10/2021	2.7	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Boron (mg/L)	ARGWC-23	0.08129	n/a	9/9/2021	0.41	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-21	14.37	n/a	9/8/2021	81	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-22	14.37	n/a	9/10/2021	200	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-23	14.37	n/a	9/9/2021	70	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Fluoride (mg/L)	ARGWC-21	0.14	n/a	9/8/2021	0.16	Yes	34	n/a	n/a	50	n/a	n/a	0.001574	NP Inter (normality) 1 of 2
Fluoride (mg/L)	ARGWC-23	0.14	n/a	9/9/2021	0.48	Yes	34	n/a	n/a	50	n/a	n/a	0.001574	NP Inter (normality) 1 of 2
pH (SU)	ARGWC-23	6.088	5.431	9/9/2021	6.35	Yes	33	5.76	0.1845	0	None	No	0.001253	Param Inter 1 of 2
Sulfate (mg/L)	ARGWC-21	21	n/a	9/8/2021	230	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Sulfate (mg/L)	ARGWC-22	21	n/a	9/10/2021	760	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Sulfate (mg/L)	ARGWC-23	21	n/a	9/9/2021	72	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-21	148.7	n/a	9/8/2021	560	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-22	148.7	n/a	9/10/2021	1300	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-23	148.7	n/a	9/9/2021	320	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2

Appendix III - Interwell Prediction Limit - All Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:14 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	ARGWC-21	0.08129	n/a	9/8/2021	0.79	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Boron (mg/L)	ARGWC-22	0.08129	n/a	9/10/2021	2.7	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Boron (mg/L)	ARGWC-23	0.08129	n/a	9/9/2021	0.41	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-21	14.37	n/a	9/8/2021	81	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-22	14.37	n/a	9/10/2021	200	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-23	14.37	n/a	9/9/2021	70	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	ARGWC-21	16.2	n/a	9/8/2021	4	No	56	n/a	n/a	0	n/a	n/a	0.000614	NP Inter (normality) 1 of 2
Chloride (mg/L)	ARGWC-22	16.2	n/a	9/10/2021	6.7	No	56	n/a	n/a	0	n/a	n/a	0.000614	NP Inter (normality) 1 of 2
Chloride (mg/L)	ARGWC-23	16.2	n/a	9/9/2021	4.7	No	56	n/a	n/a	0	n/a	n/a	0.000614	NP Inter (normality) 1 of 2
Fluoride (mg/L)	ARGWC-21	0.14	n/a	9/8/2021	0.16	Yes	34	n/a	n/a	50	n/a	n/a	0.001574	NP Inter (normality) 1 of 2
Fluoride (mg/L)	ARGWC-22	0.14	n/a	9/10/2021	0.035J	No	34	n/a	n/a	50	n/a	n/a	0.001574	NP Inter (normality) 1 of 2
Fluoride (mg/L)	ARGWC-23	0.14	n/a	9/9/2021	0.48	Yes	34	n/a	n/a	50	n/a	n/a	0.001574	NP Inter (normality) 1 of 2
pH (SU)	ARGWC-21	6.088	5.431	9/8/2021	5.94	No	33	5.76	0.1845	0	None	No	0.001253	Param Inter 1 of 2
pH (SU)	ARGWC-22	6.088	5.431	9/10/2021	5.62	No	33	5.76	0.1845	0	None	No	0.001253	Param Inter 1 of 2
pH (SU)	ARGWC-23	6.088	5.431	9/9/2021	6.35	Yes	33	5.76	0.1845	0	None	No	0.001253	Param Inter 1 of 2
Sulfate (mg/L)	ARGWC-21	21	n/a	9/8/2021	230	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Sulfate (mg/L)	ARGWC-22	21	n/a	9/10/2021	760	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Sulfate (mg/L)	ARGWC-23	21	n/a	9/9/2021	72	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-21	148.7	n/a	9/8/2021	560	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-22	148.7	n/a	9/10/2021	1300	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-23	148.7	n/a	9/9/2021	320	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2

Appendix I & III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:18 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	ARGWA-20 (bg)	0.009146	64	53	Yes	15	20	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWC-21	0.06178	73	53	Yes	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWC-21	7.3	91	53	Yes	15	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	ARGWC-23	0.2088	54	43	Yes	13	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWA-19 (bg)	-0.3001	-168	-131	Yes	28	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWC-21	7.02	275	131	Yes	28	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWC-21	37.02	74	48	Yes	14	0	n/a	n/a	0.01	NP

Appendix I & III Trend Tests - Prediction Limit Exceedances - All Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:18 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	ARGWA-19 (bg)	-0.0007464	-77	-146	No	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	ARGWA-20 (bg)	0.0006685	125	146	No	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	ARGWC-23	0.04078	16	38	No	12	0	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWA-19 (bg)	0.002522	33	53	No	15	46.67	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWA-20 (bg)	0.009146	64	53	Yes	15	20	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWC-21	0.06178	73	53	Yes	15	0	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWC-22	-0.1108	-12	-43	No	13	0	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWC-23	0.07009	19	43	No	13	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWA-19 (bg)	0	10	53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWA-20 (bg)	0.3114	42	53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWC-21	7.3	91	53	Yes	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWC-22	0	14	43	No	13	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWC-23	3.936	28	43	No	13	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	ARGWA-19 (bg)	-3.7e-10	-22	-63	No	17	41.18	n/a	n/a	0.01	NP
Fluoride (mg/L)	ARGWA-20 (bg)	0	-33	-63	No	17	58.82	n/a	n/a	0.01	NP
Fluoride (mg/L)	ARGWC-21	-0.00371	-19	-63	No	17	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	ARGWC-23	0.2088	54	43	Yes	13	0	n/a	n/a	0.01	NP
pH (SU)	ARGWA-19 (bg)	0.01815	23	58	No	16	0	n/a	n/a	0.01	NP
pH (SU)	ARGWA-20 (bg)	0.005561	16	63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	ARGWC-23	-0.04841	-27	-43	No	13	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWA-19 (bg)	-0.3001	-168	-131	Yes	28	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWA-20 (bg)	-0.1824	-108	-124	No	27	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWC-21	7.02	275	131	Yes	28	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWC-22	33.01	7	43	No	13	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWC-23	8.404	23	43	No	13	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWA-19 (bg)	0	-6	-48	No	14	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWA-20 (bg)	0	1	48	No	14	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWC-21	37.02	74	48	Yes	14	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWC-22	0	-11	-38	No	12	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWC-23	0	-1	-38	No	12	0	n/a	n/a	0.01	NP

Upper Tolerance Limits Summary Table

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:20 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.002	n/a	n/a	n/a	22	n/a	n/a	100	n/a	n/a	0.3235	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.0015	n/a	n/a	n/a	60	n/a	n/a	85	n/a	n/a	0.04607	NP Inter(NDs)
Barium (mg/L)	n/a	0.1	n/a	n/a	n/a	60	n/a	n/a	0	n/a	n/a	0.04607	NP Inter(normality)
Beryllium (mg/L)	n/a	0.0025	n/a	n/a	n/a	26	n/a	n/a	92.31	n/a	n/a	0.2635	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.0025	n/a	n/a	n/a	58	n/a	n/a	98.28	n/a	n/a	0.05105	NP Inter(NDs)
Chromium (mg/L)	n/a	0.0078	n/a	n/a	n/a	30	n/a	n/a	20	n/a	n/a	0.2146	NP Inter(normality)
Cobalt (mg/L)	n/a	0.0025	n/a	n/a	n/a	32	n/a	n/a	62.5	n/a	n/a	0.1937	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	n/a	1.286	n/a	n/a	n/a	30	0.5502	0.3313	0	None	No	0.05	Inter
Fluoride (mg/L)	n/a	0.14	n/a	n/a	n/a	34	n/a	n/a	50	n/a	n/a	0.1748	NP Inter(normality)
Lead (mg/L)	n/a	0.001	n/a	n/a	n/a	60	n/a	n/a	85	n/a	n/a	0.04607	NP Inter(NDs)
Lithium (mg/L)	n/a	0.013	n/a	n/a	n/a	32	n/a	n/a	43.75	n/a	n/a	0.1937	NP Inter(normality)
Mercury (mg/L)	n/a	0.0002	n/a	n/a	n/a	22	n/a	n/a	90.91	n/a	n/a	0.3235	NP Inter(NDs)
Molybdenum (mg/L)	n/a	0.015	n/a	n/a	n/a	28	n/a	n/a	96.43	n/a	n/a	0.2378	NP Inter(NDs)
Selenium (mg/L)	n/a	0.005	n/a	n/a	n/a	59	n/a	n/a	62.71	n/a	n/a	0.04849	NP Inter(NDs)
Silver (mg/L)	n/a	0.001	n/a	n/a	n/a	50	n/a	n/a	90	n/a	n/a	0.07694	NP Inter(NDs)
Thallium (mg/L)	n/a	0.001	n/a	n/a	n/a	22	n/a	n/a	100	n/a	n/a	0.3235	NP Inter(NDs)

PLANT ARKWRIGHT AP #2 GWPS			
Constituent Name	MCL	Background Limit	GWPS
Antimony, Total (mg/L)	0.006	0.002	0.006
Arsenic, Total (mg/L)	0.01	0.0015	0.01
Barium, Total (mg/L)	2	0.1	2
Beryllium, Total (mg/L)	0.004	0.0025	0.004
Cadmium, Total (mg/L)	0.005	0.0025	0.005
Chromium, Total (mg/L)	0.1	0.0078	0.1
Cobalt, Total (mg/L)	n/a	0.0025	0.0025
Combined Radium, Total (pCi/L)	5	1.29	5
Fluoride, Total (mg/L)	4	0.14	4
Lead, Total (mg/L)	n/a	0.001	0.001
Lithium, Total (mg/L)	n/a	0.013	0.013
Mercury, Total (mg/L)	0.002	0.0002	0.002
Molybdenum, Total (mg/L)	n/a	0.015	0.015
Selenium, Total (mg/L)	0.05	0.005	0.05
Silver, Total (mg/L)	n/a	0.001	0.001
Thallium, Total (mg/L)	0.002	0.001	0.002

**MCL = Maximum Contaminant Level*

**GWPS = Groundwater Protection Standard*

Confidence Intervals - Significant Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig. N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	ARGWC-22	0.01125	0.003475	0.0025	Yes 13	0.007362	0.005226	0	None	No	0.01	Param.
Lithium (mg/L)	ARAMW-2	0.086	0.018	0.013	Yes 6	0.03417	0.02623	0	None	No	0.0155	NP (normality)
Lithium (mg/L)	ARGWC-22	0.02475	0.01342	0.013	Yes 13	0.01908	0.007619	0	None	No	0.01	Param.
Lithium (mg/L)	ARGWC-23	0.04134	0.02598	0.013	Yes 13	0.03237	0.01251	0	None	x^2	0.01	Param.
Molybdenum (mg/L)	ARGWC-23	0.06175	0.03175	0.015	Yes 12	0.04675	0.01912	0	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig. N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	ARAMW-2	0.116	-0.04024	0.01	No 4	0.03788	0.03441	0	None	No	0.01	Param.
Arsenic (mg/L)	ARGWC-21	0.001678	0.0007767	0.01	No 17	0.001561	0.0005936	23.53	Kaplan-Meier	No	0.01	Param.
Arsenic (mg/L)	ARGWC-22	0.001	0.0004	0.01	No 12	0.00087	0.0002444	75	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	ARGWC-23	0.001	0.00075	0.01	No 12	0.0009308	0.0001762	83.33	Kaplan-Meier	No	0.01	NP (NDs)
Barium (mg/L)	ARAMW-1	0.05949	0.04251	2	No 4	0.051	0.003742	0	None	No	0.01	Param.
Barium (mg/L)	ARAMW-2	0.1796	0.03793	2	No 4	0.1088	0.03119	0	None	No	0.01	Param.
Barium (mg/L)	ARGWC-21	0.1158	0.08436	2	No 17	0.09371	0.0319	0	None	x^3	0.01	Param.
Barium (mg/L)	ARGWC-22	0.05718	0.03349	2	No 12	0.04533	0.0151	0	None	No	0.01	Param.
Barium (mg/L)	ARGWC-23	0.1657	0.1005	2	No 12	0.1331	0.04159	0	None	No	0.01	Param.
Beryllium (mg/L)	ARGWC-22	0.0025	0.00019	0.004	No 11	0.001496	0.001156	54.55	None	No	0.006	NP (NDs)
Beryllium (mg/L)	ARGWC-23	0.0025	0.0025	0.004	No 11	0.002303	0.0006543	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	ARGWC-21	0.002	0.0017	0.1	No 15	0.00198	0.00007746	93.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	ARGWC-22	0.0048	0.002	0.1	No 12	0.002233	0.0008083	91.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	ARAMW-1	0.001113	0.0006906	0.0025	No 5	0.000902	0.0001262	0	None	No	0.01	Param.
Cobalt (mg/L)	ARAMW-2	0.003663	0.001737	0.0025	No 5	0.0027	0.0005745	0	None	No	0.01	Param.
Cobalt (mg/L)	ARGWC-21	0.001899	0.001279	0.0025	No 16	0.001466	0.0005787	0	None	x^3	0.01	Param.
Cobalt (mg/L)	ARGWC-22	0.01125	0.003475	0.0025	Yes 13	0.007362	0.005226	0	None	No	0.01	Param.
Cobalt (mg/L)	ARGWC-23	0.002977	0.0009754	0.0025	No 13	0.001976	0.001346	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	ARAMW-1	1.468	-0.1195	5	No 4	0.6743	0.3496	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	ARAMW-2	5.076	1.164	5	No 4	3.12	0.8616	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	ARGWC-21	0.8972	0.5449	5	No 15	0.7211	0.2599	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	ARGWC-22	0.7464	0.3045	5	No 12	0.5254	0.2816	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	ARGWC-23	0.5595	0.1079	5	No 12	0.3337	0.2878	0	None	No	0.01	Param.
Fluoride (mg/L)	ARAMW-1	0.2304	0.1936	4	No 5	0.212	0.01095	0	None	No	0.01	Param.
Fluoride (mg/L)	ARAMW-2	0.1321	0.09026	4	No 5	0.1016	0.03119	20	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	ARGWC-21	0.14	0.084	4	No 17	0.1311	0.1181	0	None	No	0.01	NP (normality)
Fluoride (mg/L)	ARGWC-22	0.05863	0.04064	4	No 13	0.04969	0.01159	15.38	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	ARGWC-23	0.3357	0.1718	4	No 13	0.2538	0.1102	0	None	No	0.01	Param.
Lead (mg/L)	ARGWC-21	0.001	0.00026	0.001	No 17	0.0009065	0.0002647	88.24	None	No	0.01	NP (NDs)
Lead (mg/L)	ARGWC-22	0.001	0.00022	0.001	No 12	0.0008633	0.0003196	83.33	None	No	0.01	NP (NDs)
Lead (mg/L)	ARGWC-23	0.001	0.00026	0.001	No 12	0.00087	0.0003041	83.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	ARAMW-1	0.01027	0.007164	0.013	No 6	0.008717	0.00113	0	None	No	0.01	Param.
Lithium (mg/L)	ARAMW-2	0.086	0.018	0.013	Yes 6	0.03417	0.02623	0	None	No	0.0155	NP (normality)
Lithium (mg/L)	ARGWC-21	0.01208	0.009148	0.013	No 16	0.01061	0.002251	0	None	No	0.01	Param.
Lithium (mg/L)	ARGWC-22	0.02475	0.01342	0.013	Yes 13	0.01908	0.007619	0	None	No	0.01	Param.
Lithium (mg/L)	ARGWC-23	0.04134	0.02598	0.013	Yes 13	0.03237	0.01251	0	None	x^2	0.01	Param.
Mercury (mg/L)	ARGWC-21	0.0002	0.0002	0.002	No 11	0.0001885	0.00003829	90.91	None	No	0.006	NP (NDs)
Molybdenum (mg/L)	ARAMW-1	0.007721	0.003599	0.015	No 5	0.00566	0.00123	0	None	No	0.01	Param.
Molybdenum (mg/L)	ARAMW-2	0.015	0.0013	0.015	No 5	0.01226	0.006127	80	None	No	0.031	NP (NDs)
Molybdenum (mg/L)	ARGWC-22	0.015	0.00093	0.015	No 12	0.01038	0.006824	66.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	ARGWC-23	0.06175	0.03175	0.015	Yes 12	0.04675	0.01912	0	None	No	0.01	Param.
Selenium (mg/L)	ARGWC-22	0.005	0.002	0.05	No 12	0.00475	0.000866	91.67	None	No	0.01	NP (NDs)
Silver (mg/L)	ARGWC-21	0.001	0.00043	0.001	No 12	0.0009525	0.0001645	91.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	ARGWC-22	0.001	0.00027	0.002	No 9	0.0007489	0.0003301	55.56	None	No	0.002	NP (NDs)
Thallium (mg/L)	ARGWC-23	0.001	0.00026	0.002	No 9	0.0007556	0.0003667	66.67	None	No	0.002	NP (NDs)

Appendix IV Trend Tests - Significant Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 11/22/2021, 10:49 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>
Cobalt (mg/L)	ARGWC-22	-0.009237	-51	-43	Yes	13	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWC-23	0.02356	54	43	Yes	13	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWC-23	0.03883	47	38	Yes	12	0	n/a	n/a	0.01	NP

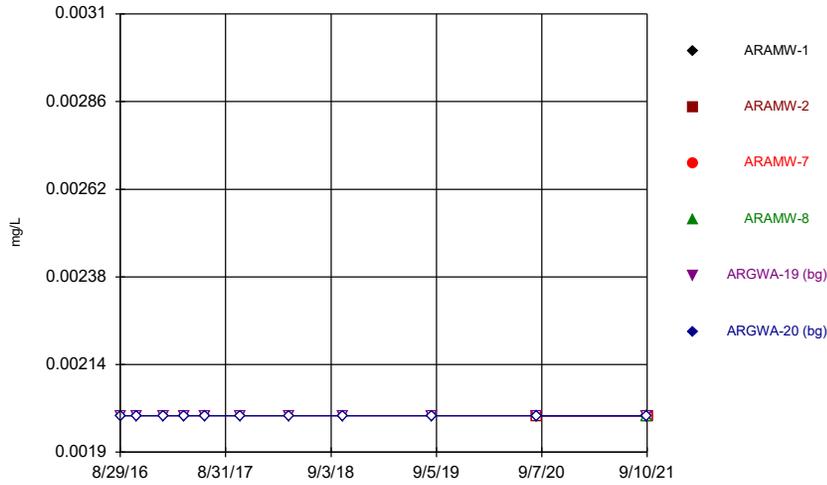
Appendix IV Trend Tests - All Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 11/22/2021, 10:49 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	ARGWA-19 (bg)	0	-19	-58	No	16	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	ARGWA-20 (bg)	-7.6e-12	-33	-58	No	16	50	n/a	n/a	0.01	NP
Cobalt (mg/L)	ARGWC-22	-0.009237	-51	-43	Yes	13	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARAMW-2	-0.0104	-1	-14	No	6	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWA-19 (bg)	-0.0003028	-28	-58	No	16	6.25	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWA-20 (bg)	0	4	58	No	16	81.25	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWC-22	0.000869	2	43	No	13	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWC-23	0.02356	54	43	Yes	13	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWA-19 (bg)	0	1	48	No	14	92.86	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWA-20 (bg)	0	0	48	No	14	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWC-23	0.03883	47	38	Yes	12	0	n/a	n/a	0.01	NP

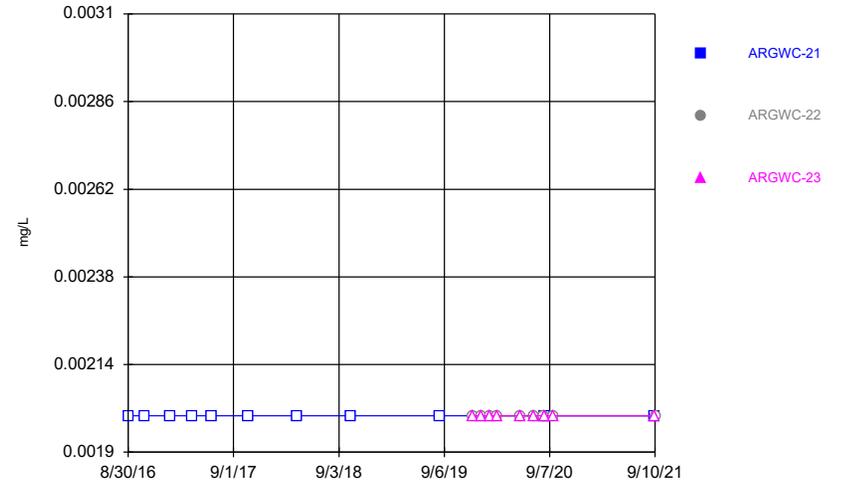
FIGURE A.

Time Series



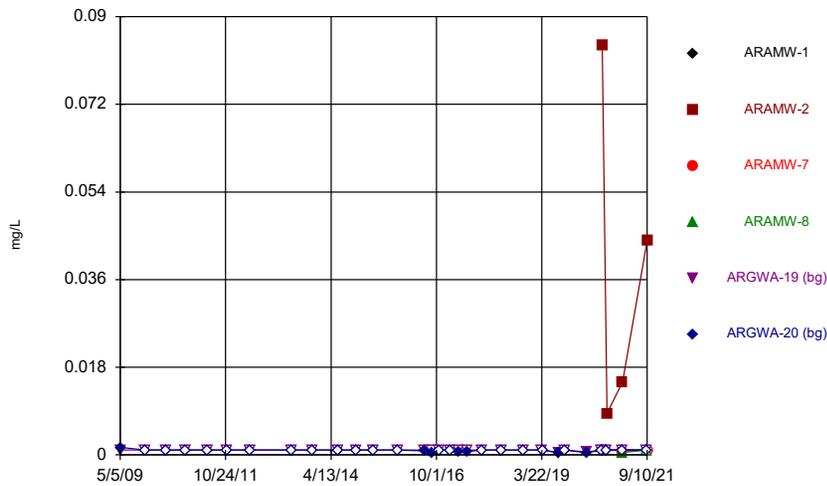
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Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



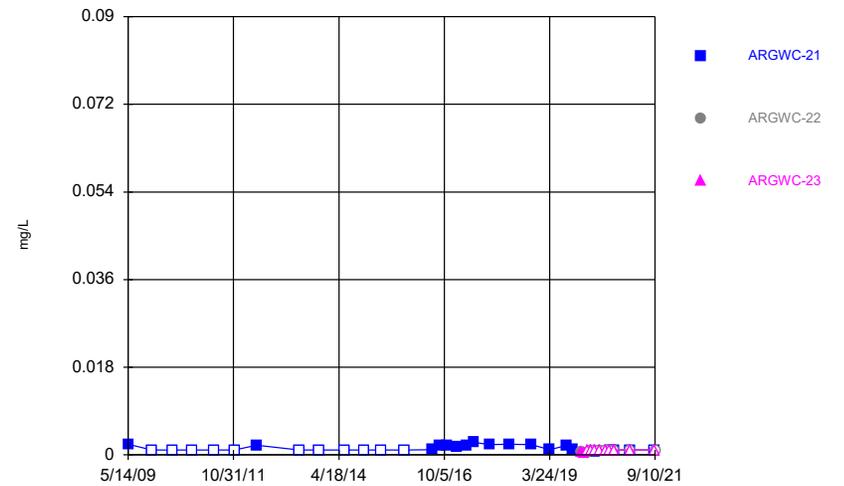
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Time Series



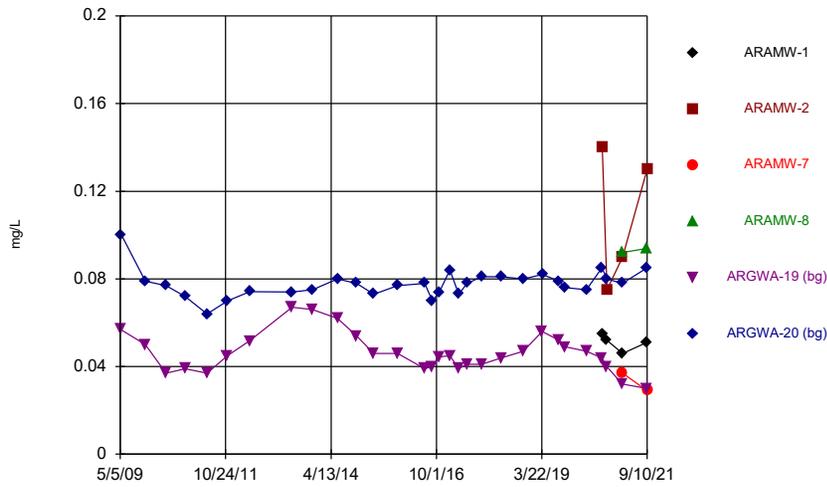
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Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



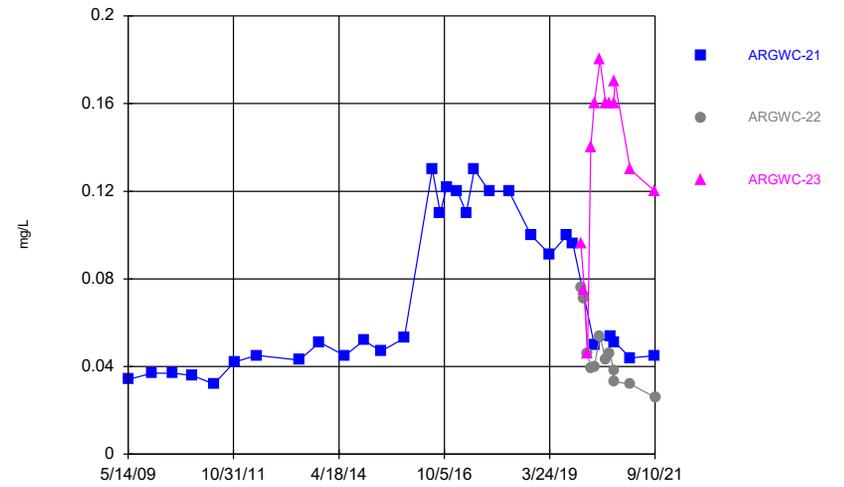
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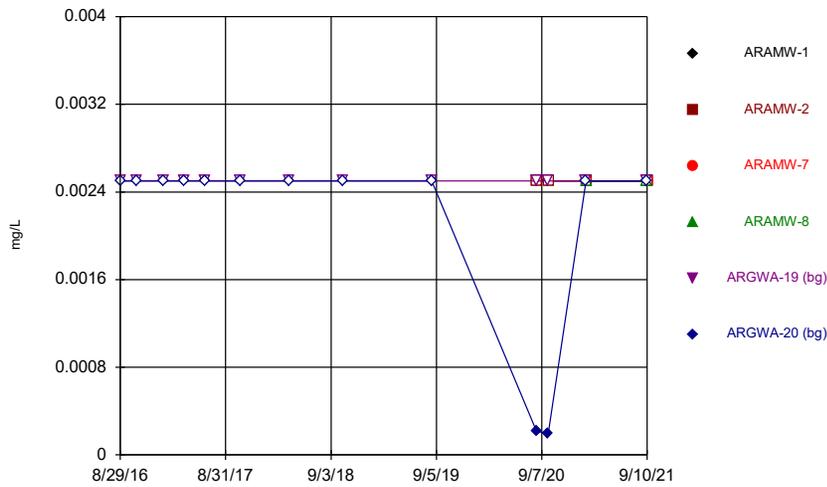
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Time Series



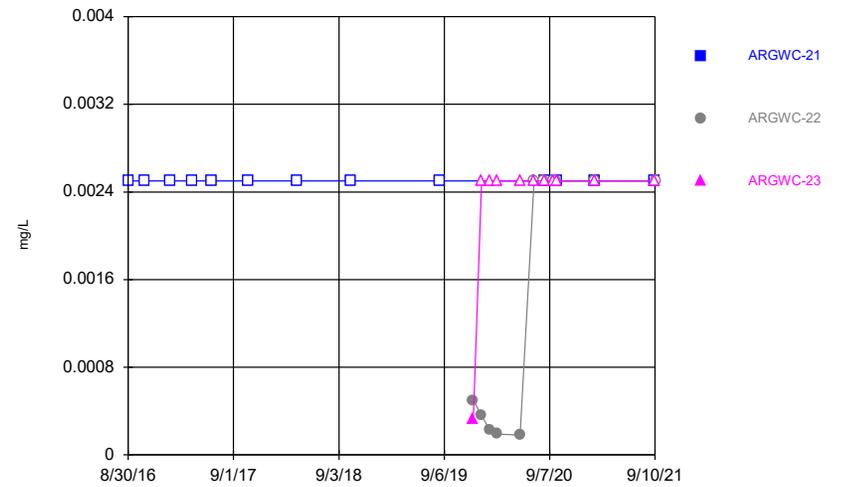
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Time Series



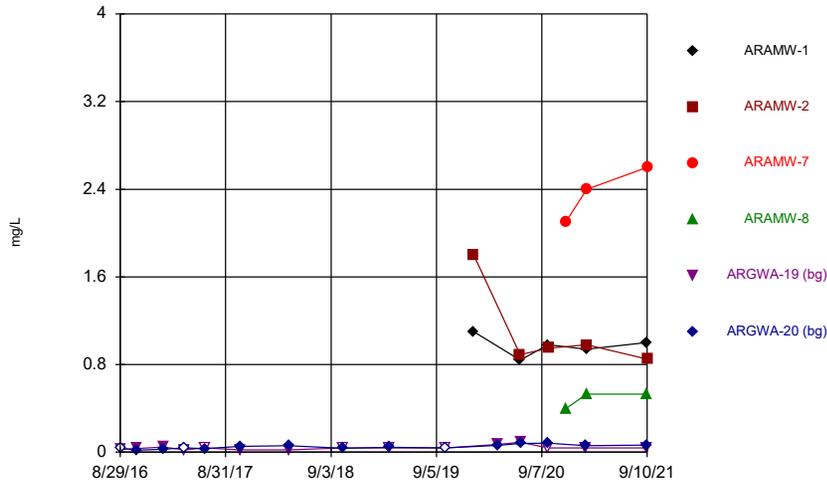
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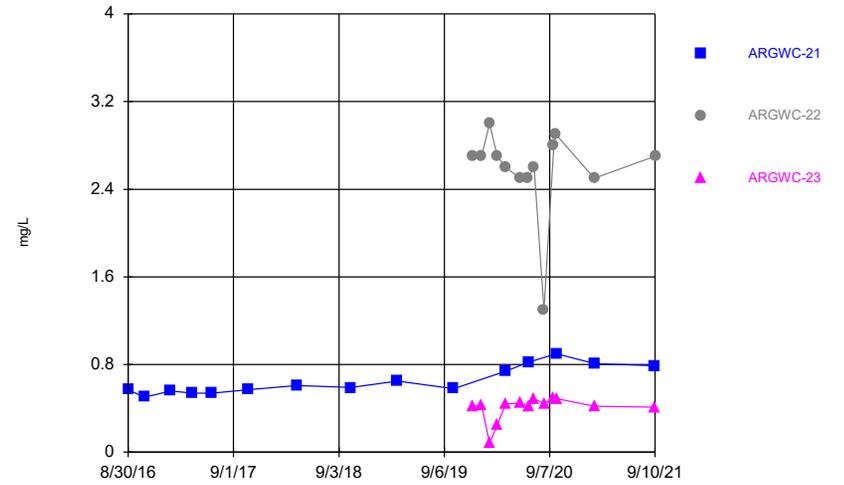
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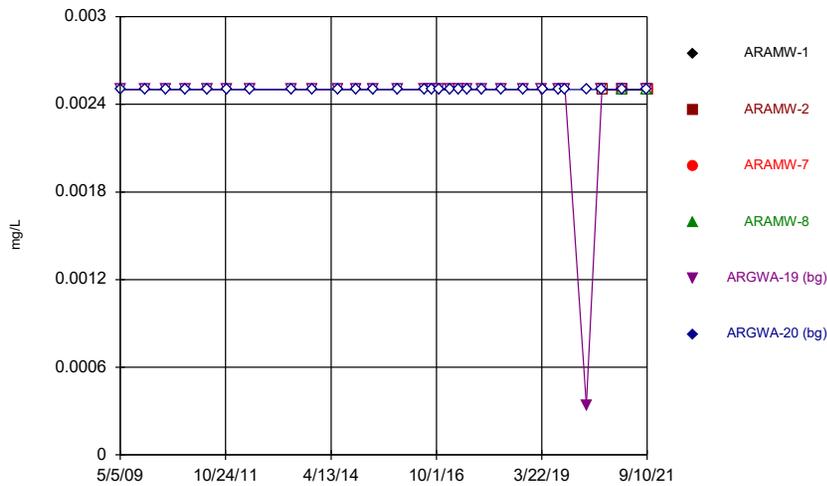
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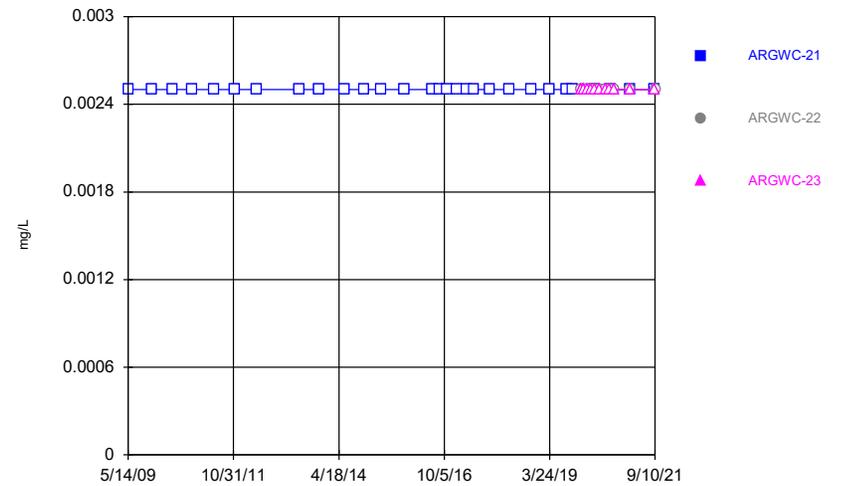
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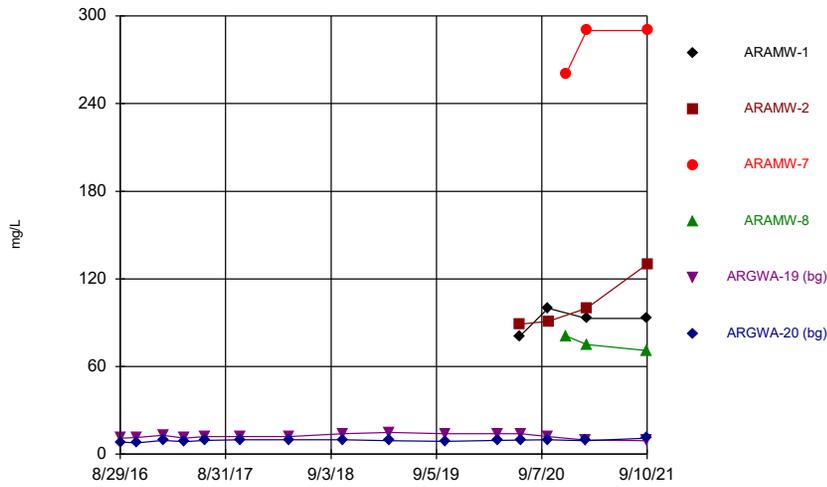
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Time Series



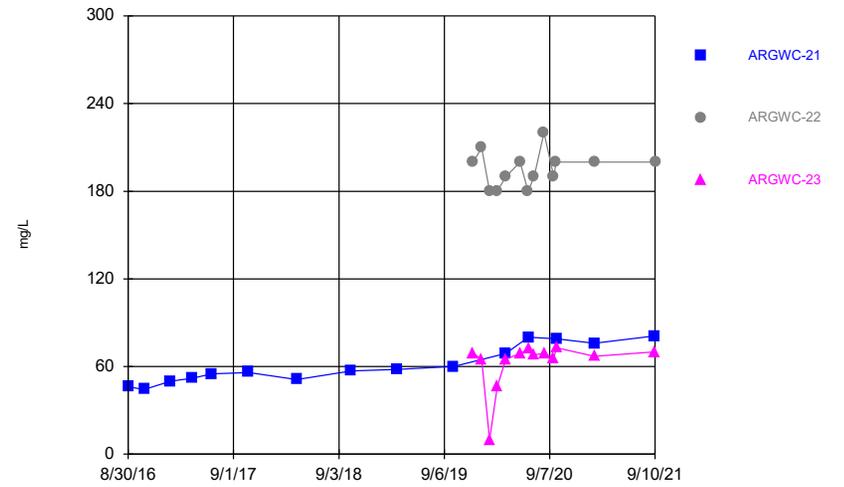
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Time Series



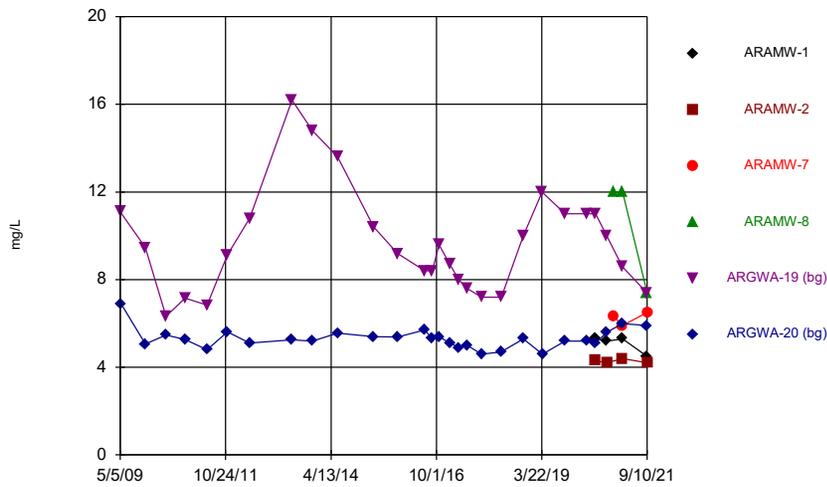
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Time Series



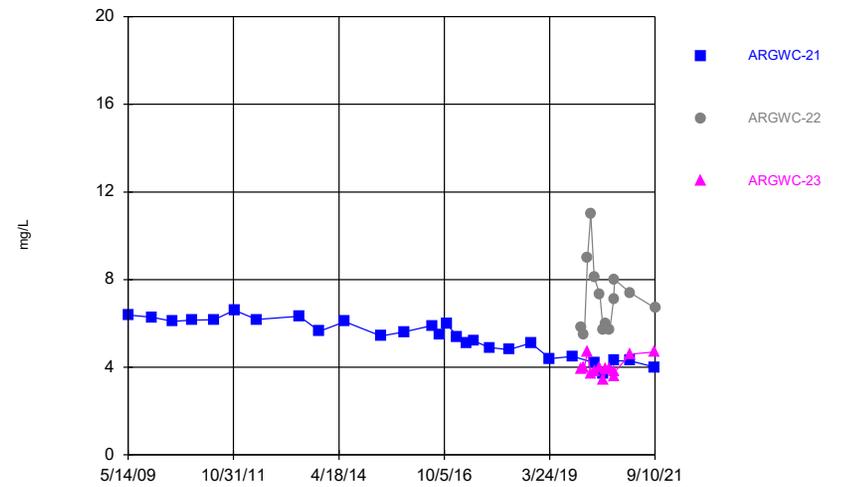
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Time Series



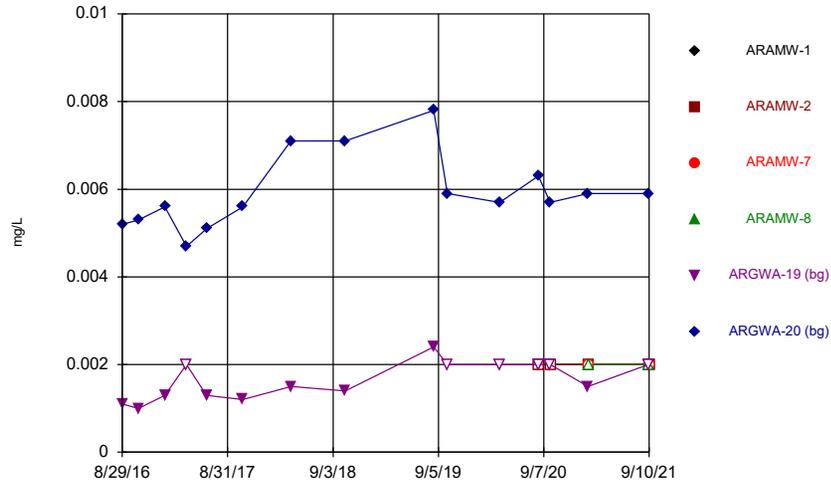
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Time Series



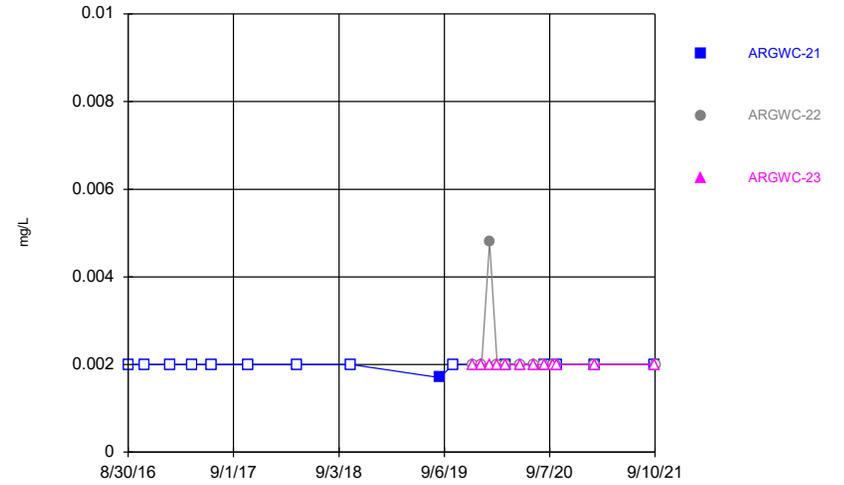
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Time Series



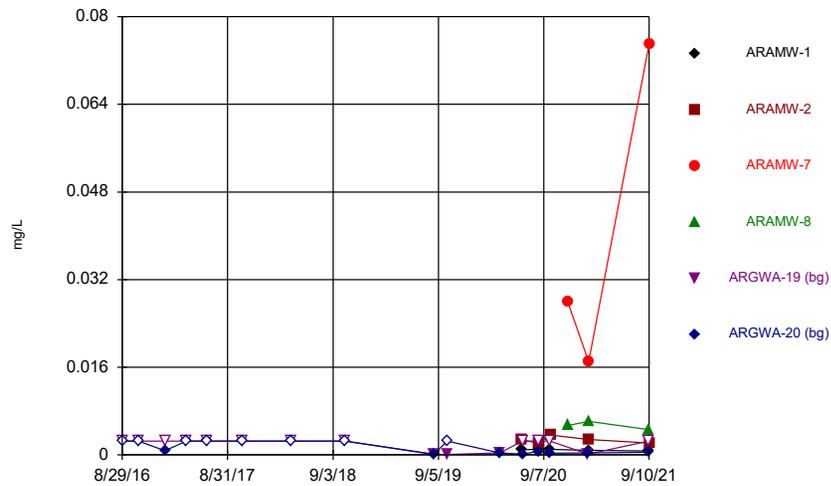
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Time Series



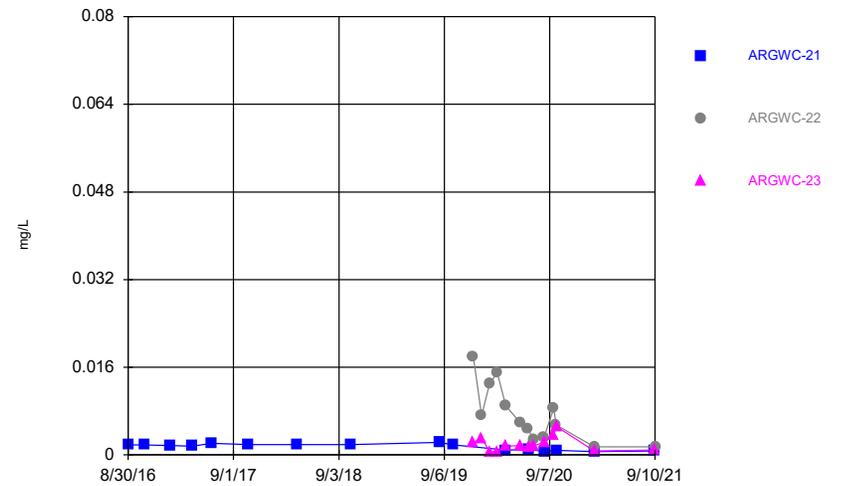
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Time Series



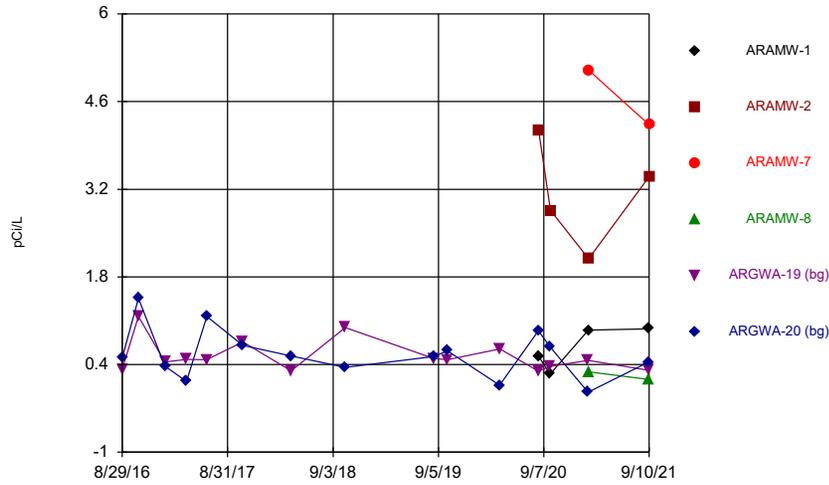
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Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



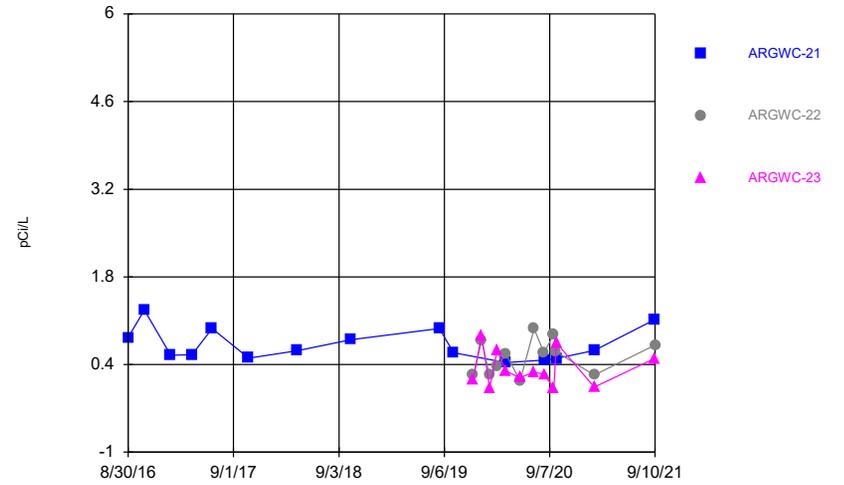
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Time Series



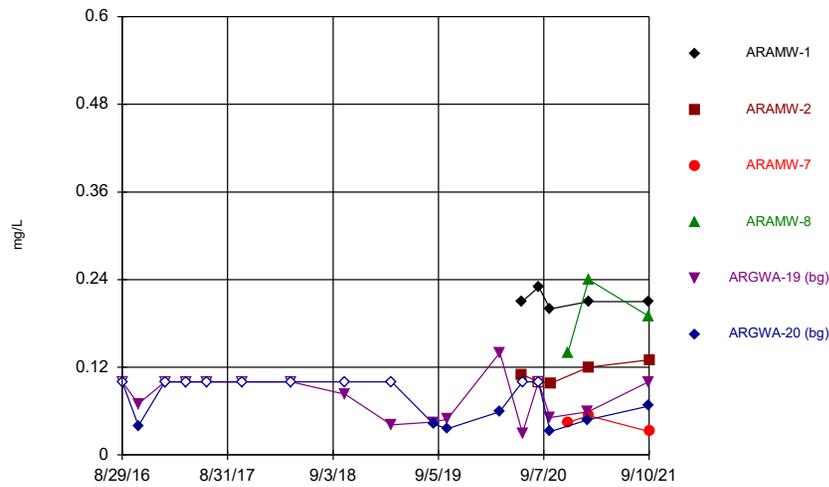
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Time Series



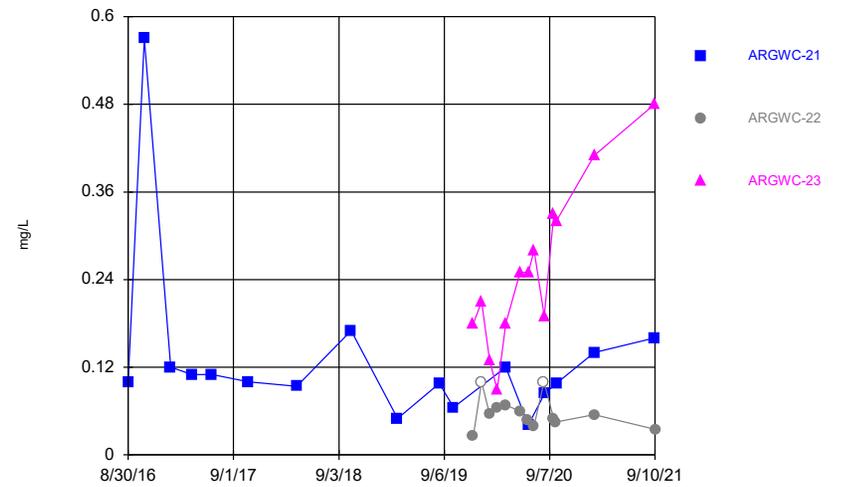
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Time Series



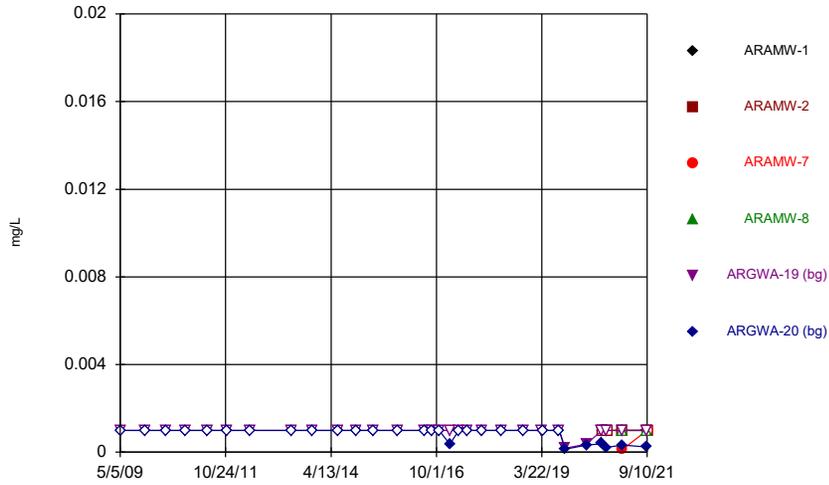
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Time Series



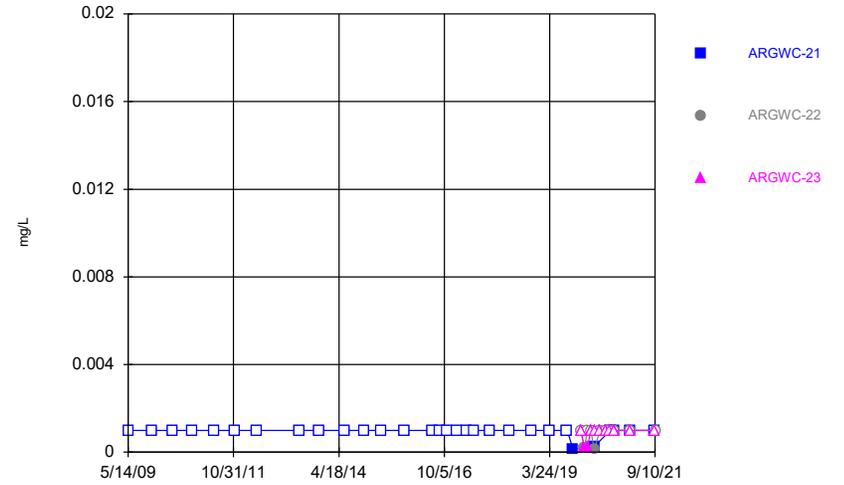
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Time Series



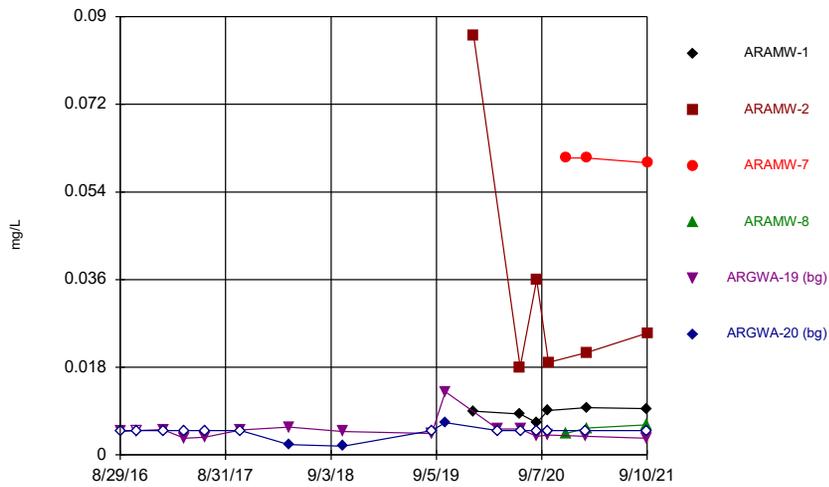
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Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



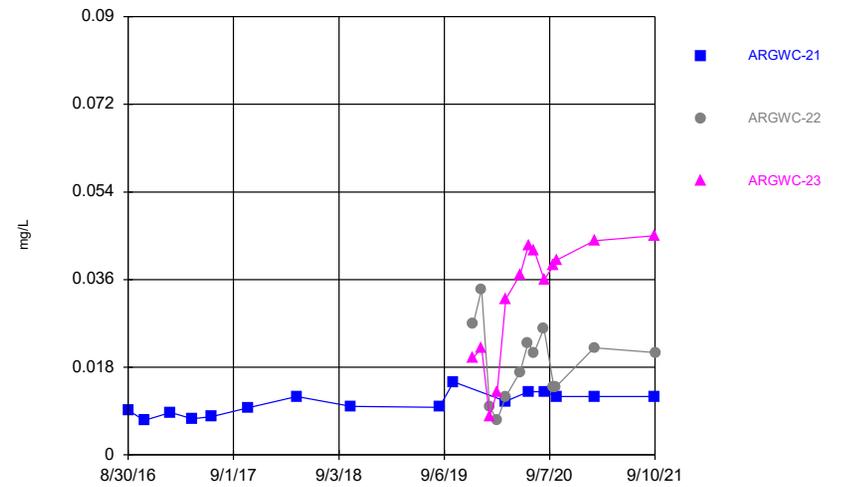
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Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



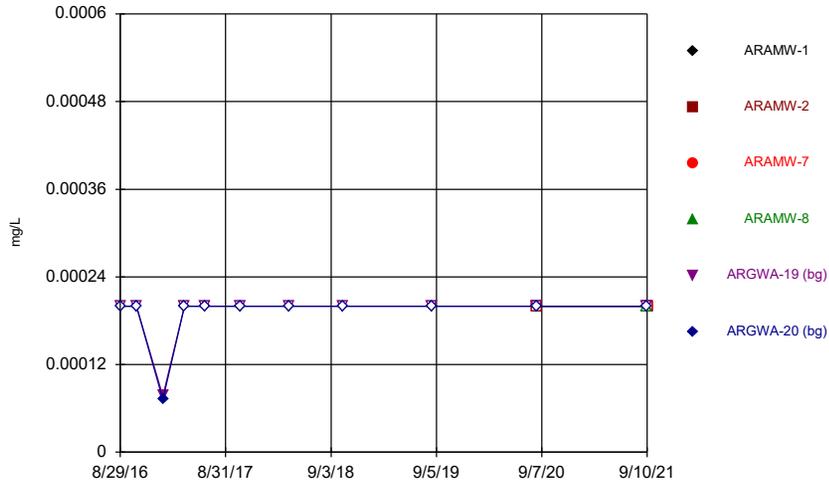
Constituent: Lithium Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



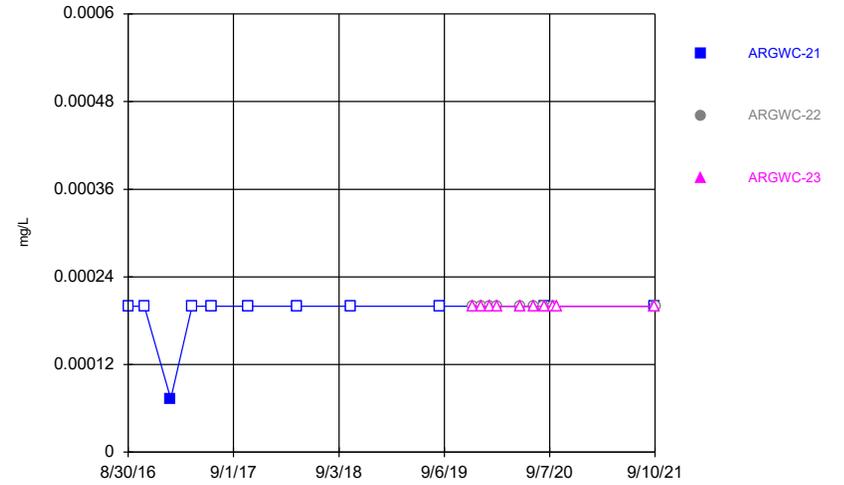
Constituent: Lithium Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



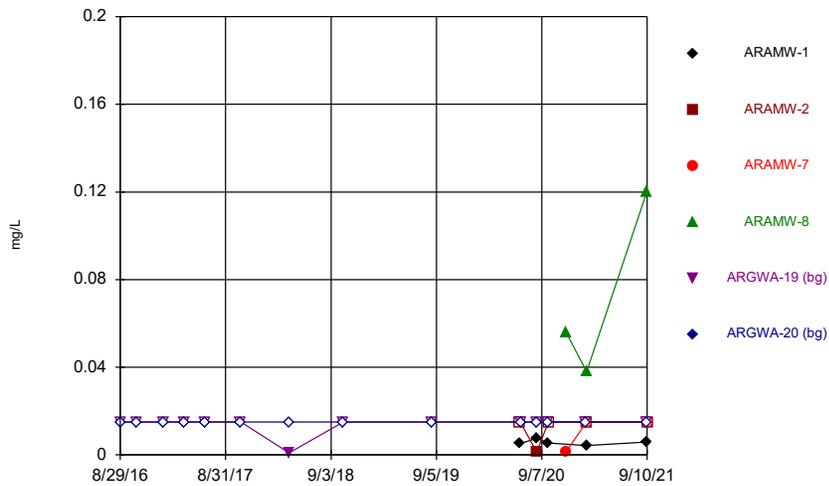
Constituent: Mercury Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



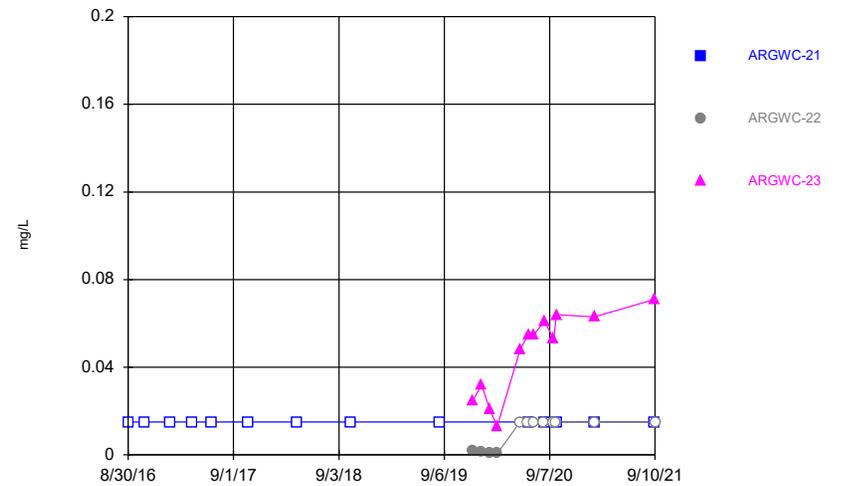
Constituent: Mercury Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



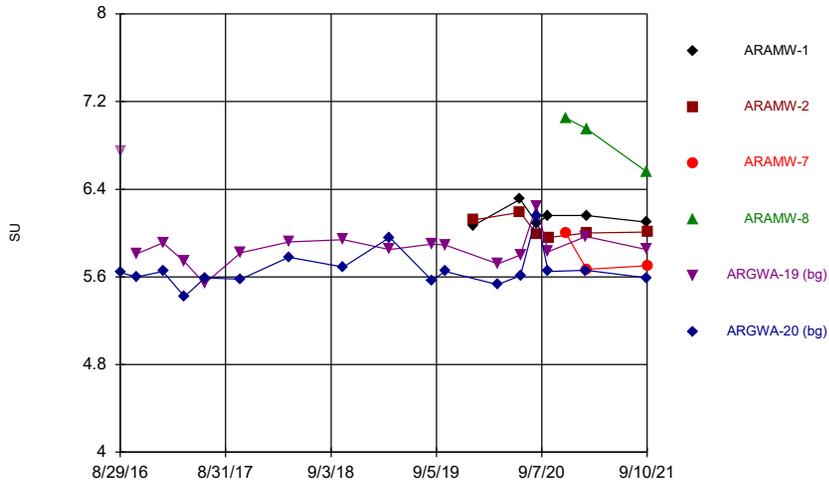
Constituent: Molybdenum Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



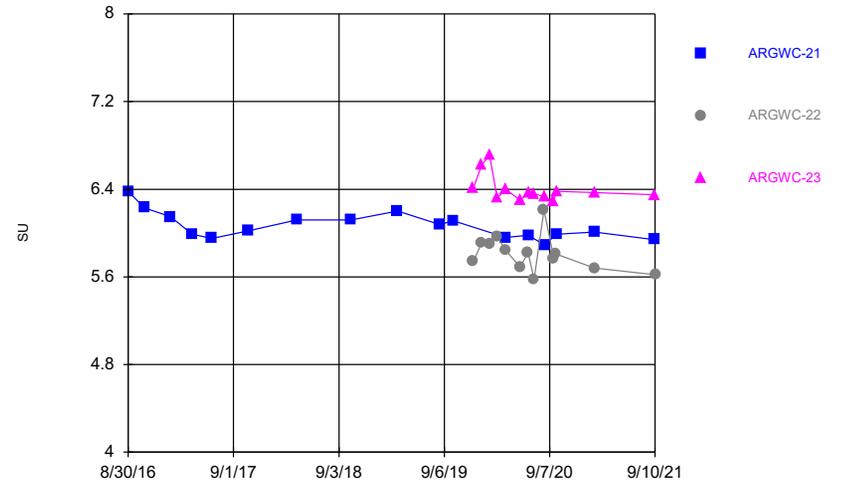
Constituent: Molybdenum Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



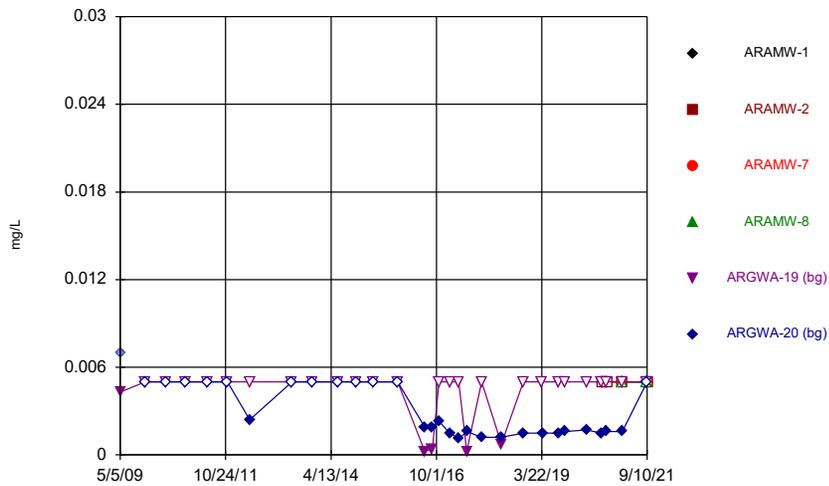
Constituent: pH Analysis Run 1/28/2022 11:08 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



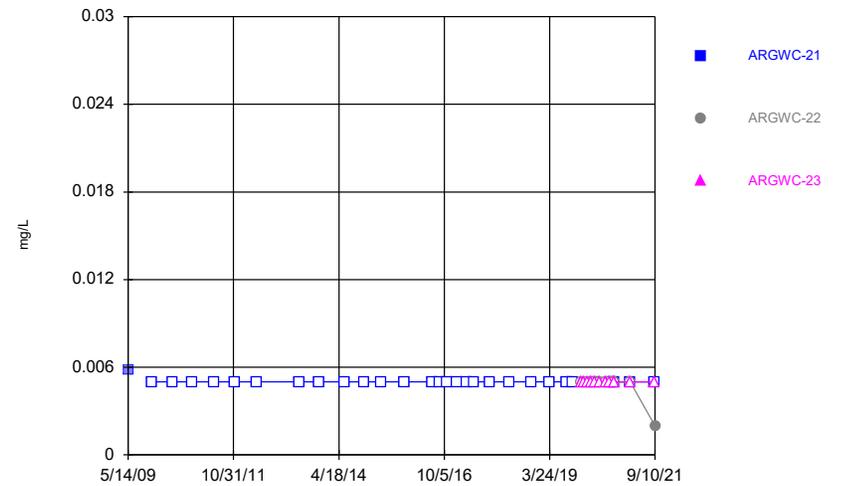
Constituent: pH Analysis Run 1/28/2022 11:08 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



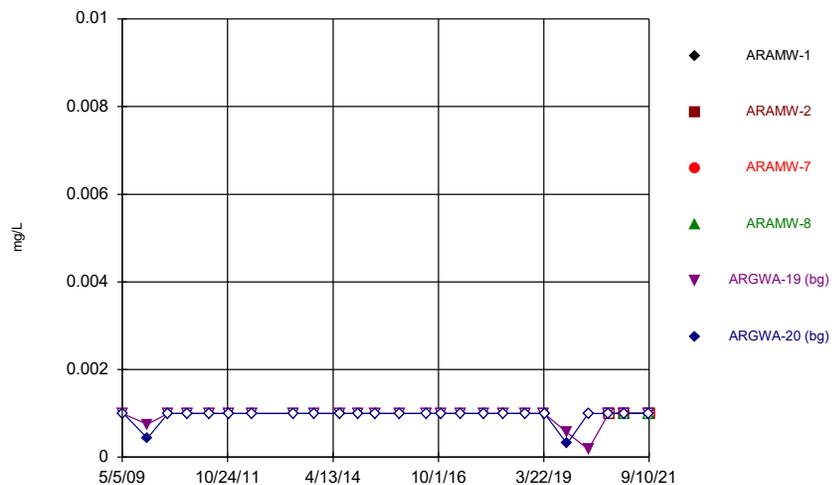
Constituent: Selenium Analysis Run 1/28/2022 11:08 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



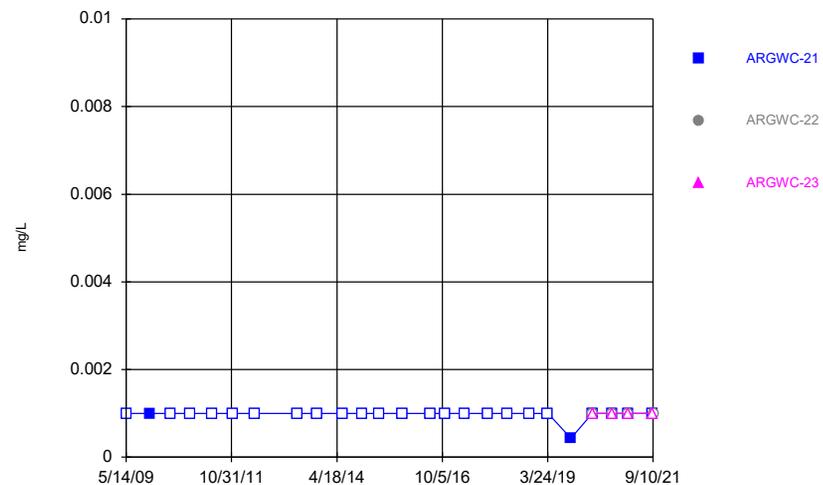
Constituent: Selenium Analysis Run 1/28/2022 11:08 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



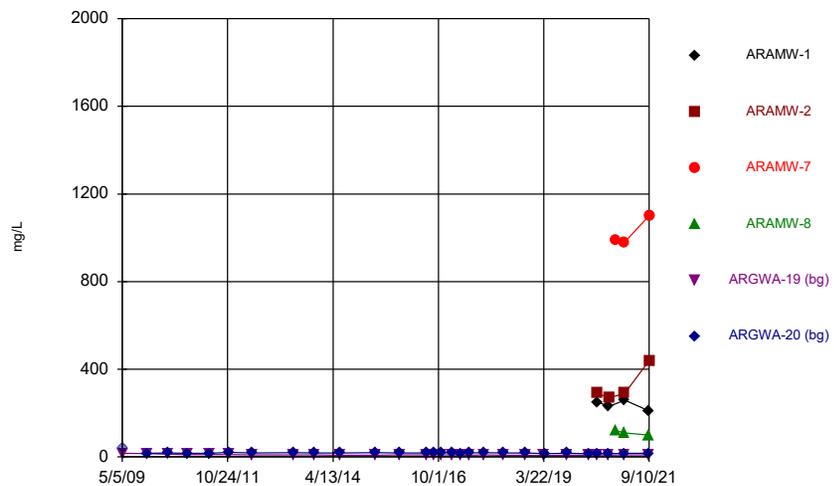
Constituent: Silver Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



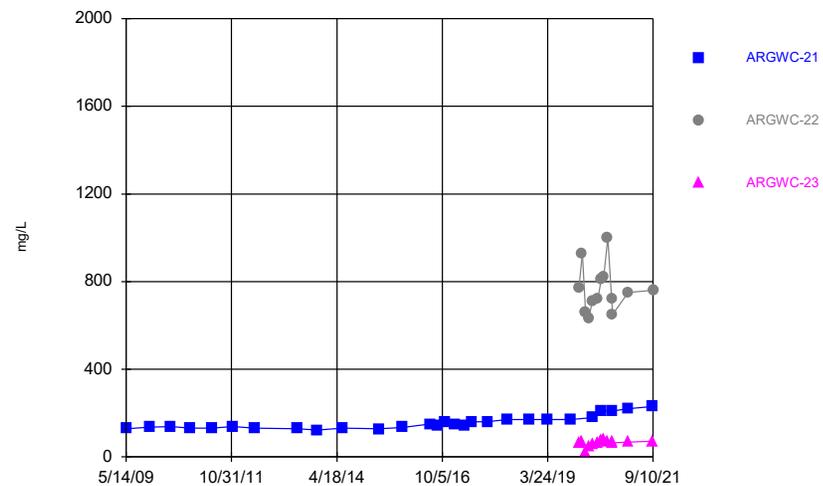
Constituent: Silver Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



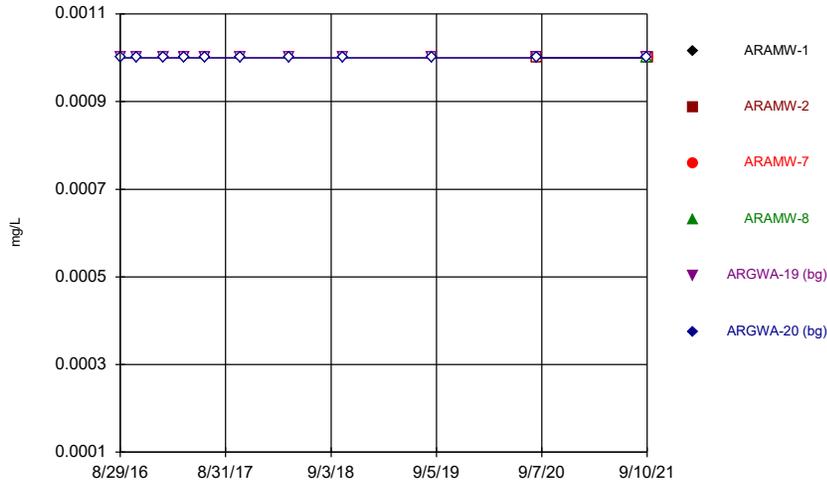
Constituent: Sulfate Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



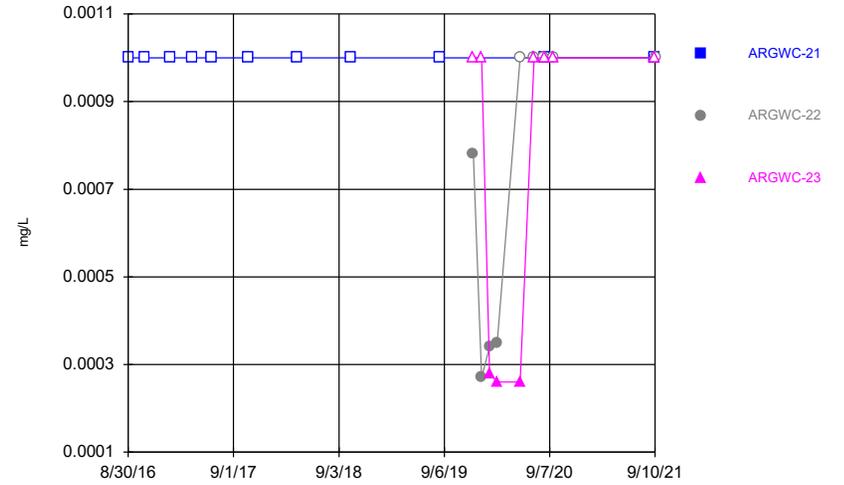
Constituent: Sulfate Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



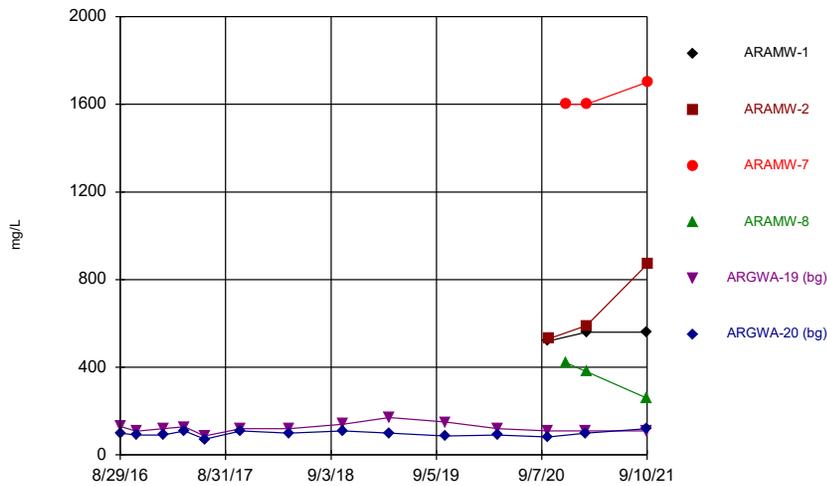
Constituent: Thallium Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



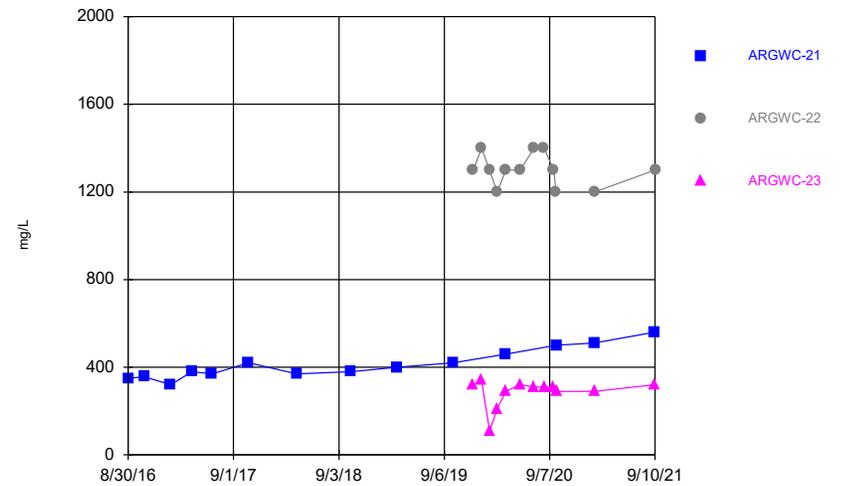
Constituent: Thallium Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



Constituent: Total Dissolved Solids Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series



Constituent: Total Dissolved Solids Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					<0.002	<0.002
10/24/2016					<0.002	<0.002
1/25/2017					<0.002	<0.002
4/10/2017					<0.002	<0.002
6/19/2017					<0.002	
6/20/2017						<0.002
10/24/2017					<0.002	<0.002
4/9/2018						<0.002
4/10/2018					<0.002	
10/16/2018					<0.002	<0.002
8/20/2019					<0.002	<0.002
8/19/2020					<0.002	<0.002
8/20/2020	<0.002	<0.002				
9/7/2021					<0.002	
9/8/2021						<0.002
9/9/2021	<0.002			<0.002		
9/10/2021		<0.002	<0.002			

Time Series

Constituent: Antimony (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	<0.002		
10/26/2016	<0.002		
1/25/2017	<0.002		
4/10/2017	<0.002		
6/19/2017	<0.002		
10/24/2017	<0.002		
4/10/2018	<0.002		
10/16/2018	<0.002		
8/20/2019	<0.002		
12/16/2019		<0.002	<0.002
1/14/2020		<0.002	<0.002
2/11/2020		<0.002	<0.002
3/9/2020		<0.002	<0.002
5/27/2020		<0.002	<0.002
7/15/2020		<0.002	<0.002
8/19/2020		<0.002	
8/20/2020			<0.002
8/21/2020	<0.002		
9/22/2020		<0.002	<0.002
9/8/2021	<0.002		
9/9/2021			<0.002
9/10/2021		<0.002	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/28/2022 11:08 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
5/5/2009					<0.001	
5/15/2009						0.0015
12/5/2009					<0.001	
6/1/2010					<0.001	<0.001
11/11/2010					<0.001	<0.001
5/17/2011					<0.001	<0.001
11/8/2011					<0.001	<0.001
5/16/2012					<0.001	<0.001
5/14/2013					<0.001	<0.001
11/5/2013					<0.001	<0.001
6/9/2014					<0.001	<0.001
11/18/2014						<0.001
11/19/2014					<0.001	
4/14/2015					<0.001	<0.001
11/4/2015					<0.001	<0.001
6/22/2016					<0.001	0.00084 (J)
8/29/2016					<0.001	0.00049 (J)
10/24/2016					<0.001	<0.001
1/25/2017					<0.001	<0.001
4/10/2017					<0.001	0.00056 (J)
6/19/2017					<0.001	
6/20/2017						0.00068 (J)
10/24/2017					<0.001	<0.001
4/9/2018						<0.001
4/10/2018					<0.001	
10/16/2018					<0.001	<0.001
3/26/2019					<0.001	
3/27/2019						<0.001
8/20/2019					0.00036 (J)	0.00047 (J)
10/7/2019					<0.001	<0.001
4/6/2020						0.00042 (J)
4/7/2020					0.0006 (J)	
8/19/2020					<0.001	<0.001
8/20/2020	<0.001	0.084				
9/29/2020					<0.001	
9/30/2020	<0.001					<0.001
10/1/2020		0.0085				
2/9/2021					<0.001	<0.001
2/10/2021	<0.001					
2/11/2021		0.015	0.00075 (J)	0.00046 (J)		
9/7/2021					<0.001	
9/8/2021						<0.001
9/9/2021	<0.001			<0.001		
9/10/2021		0.044	<0.001			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
5/14/2009	0.0022		
12/5/2009	<0.001		
6/2/2010	<0.001		
11/11/2010	<0.001		
5/17/2011	<0.001		
11/8/2011	<0.001		
5/16/2012	0.002 (J)		
5/14/2013	<0.001		
11/5/2013	<0.001		
6/9/2014	<0.001		
11/18/2014	<0.001		
4/14/2015	<0.001		
10/29/2015	<0.001		
6/23/2016	0.0011 (J)		
8/30/2016	0.002		
10/26/2016	0.0019 (J)		
1/25/2017	0.0017		
4/10/2017	0.002		
6/19/2017	0.0026		
10/24/2017	0.0021		
4/10/2018	0.0022		
10/16/2018	0.0021		
3/27/2019	0.0011 (J)		
8/20/2019	0.002		
10/8/2019	0.0012 (J)		
12/16/2019		0.00066 (J)	0.00075 (J)
1/14/2020		0.00038 (J)	0.00042 (J)
2/11/2020		0.0004 (J)	<0.001
3/9/2020		<0.001	<0.001
4/7/2020	0.00054 (J)	<0.001	<0.001
5/27/2020		<0.001	<0.001
7/15/2020		<0.001	<0.001
8/19/2020		<0.001	
8/20/2020			<0.001
8/21/2020	<0.001		
9/22/2020		<0.001	<0.001
9/30/2020		<0.001	
10/1/2020	<0.001		<0.001
2/10/2021	<0.001	<0.001	<0.001
9/8/2021	<0.001		
9/9/2021			<0.001
9/10/2021		<0.001	

Time Series

Constituent: Barium (mg/L) Analysis Run 1/28/2022 11:08 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
5/5/2009					0.057	
5/15/2009						0.1
12/5/2009					0.05	0.079
6/1/2010					0.037	0.077
11/11/2010					0.039	0.072
5/17/2011					0.037	0.064
11/8/2011					0.045	0.07
5/16/2012					0.0518	0.0741
5/14/2013					0.067	0.074
11/5/2013					0.066	0.075
6/9/2014					0.062	0.08
11/18/2014						0.078
11/19/2014					0.054	
4/14/2015					0.046	0.073
11/4/2015					0.046	0.077
6/22/2016					0.039	0.078
8/29/2016					0.04	0.07
10/24/2016					0.0444	0.0738
1/25/2017					0.045	0.084
4/10/2017					0.039	0.073
6/19/2017					0.041	
6/20/2017						0.078
10/24/2017					0.041	0.081
4/9/2018						0.081
4/10/2018					0.044	
10/16/2018					0.047	0.08
3/26/2019					0.056	
3/27/2019						0.082
8/20/2019					0.052	0.079
10/7/2019					0.049	0.076
4/6/2020						0.075
4/7/2020					0.047	
8/19/2020					0.044	0.085
8/20/2020	0.055	0.14				
9/29/2020					0.04	
9/30/2020	0.052					0.08
10/1/2020		0.075				
2/9/2021					0.032	0.078
2/10/2021	0.046					
2/11/2021		0.09	0.037	0.092		
9/7/2021					0.03	
9/8/2021						0.085
9/9/2021	0.051			0.094		
9/10/2021		0.13	0.029			

Time Series

Constituent: Barium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
5/14/2009	0.034		
12/5/2009	0.037		
6/2/2010	0.037		
11/11/2010	0.036		
5/17/2011	0.032		
11/8/2011	0.042		
5/16/2012	0.0451		
5/14/2013	0.043		
11/5/2013	0.051		
6/9/2014	0.045		
11/18/2014	0.052		
4/14/2015	0.047		
10/29/2015	0.053		
6/23/2016	0.13		
8/30/2016	0.11		
10/26/2016	0.122		
1/25/2017	0.12		
4/10/2017	0.11		
6/19/2017	0.13		
10/24/2017	0.12		
4/10/2018	0.12		
10/16/2018	0.1		
3/27/2019	0.091		
8/20/2019	0.1		
10/8/2019	0.096		
12/16/2019		0.076	0.096
1/14/2020		0.071	0.075
2/11/2020		0.046	0.046
3/9/2020		0.039	0.14
4/7/2020	0.05	0.04	0.16
5/27/2020		0.054	0.18
7/15/2020		0.043	0.16
8/19/2020		0.046	
8/20/2020			0.16
8/21/2020	0.054		
9/22/2020		0.038	0.16
9/30/2020		0.033	
10/1/2020	0.051		0.17
2/10/2021	0.044	0.032	0.13
9/8/2021	0.045		
9/9/2021			0.12
9/10/2021		0.026	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					<0.0025	<0.0025
10/24/2016					<0.0025	<0.0025
1/25/2017					<0.0025	<0.0025
4/10/2017					<0.0025	<0.0025
6/19/2017					<0.0025	
6/20/2017						<0.0025
10/24/2017					<0.0025	<0.0025
4/9/2018						<0.0025
4/10/2018					<0.0025	
10/16/2018					<0.0025	<0.0025
8/20/2019					<0.0025	<0.0025
8/19/2020					<0.0025	0.00022 (J)
8/20/2020	<0.0025	<0.0025				
9/29/2020					<0.0025	
9/30/2020	<0.0025					0.00019 (J)
10/1/2020		<0.0025				
2/9/2021					<0.0025	<0.0025
2/10/2021	<0.0025					
2/11/2021		<0.0025	<0.0025	<0.0025		
9/7/2021					<0.0025	
9/8/2021						<0.0025
9/9/2021	<0.0025			<0.0025		
9/10/2021		<0.0025	<0.0025			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	<0.0025		
10/26/2016	<0.0025		
1/25/2017	<0.0025		
4/10/2017	<0.0025		
6/19/2017	<0.0025		
10/24/2017	<0.0025		
4/10/2018	<0.0025		
10/16/2018	<0.0025		
8/20/2019	<0.0025		
12/16/2019		0.0005 (J)	0.00033 (J)
1/14/2020		0.00036 (J)	<0.0025
2/11/2020		0.00023	<0.0025
3/9/2020		0.00019	<0.0025
5/27/2020		0.00018 (J)	<0.0025
7/15/2020		<0.0025	<0.0025
8/19/2020		<0.0025	
8/20/2020			<0.0025
8/21/2020	<0.0025		
9/22/2020		<0.0025	<0.0025
9/30/2020		<0.0025	
10/1/2020	<0.0025		<0.0025
2/10/2021	<0.0025	<0.0025	<0.0025
9/8/2021	<0.0025		
9/9/2021			<0.0025
9/10/2021		<0.0025	

Time Series

Constituent: Boron (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					0.024 (J)	<0.08
10/24/2016					0.0339 (J)	0.0194 (J)
1/25/2017					0.048 (J)	0.026 (J)
4/10/2017					0.022 (J)	<0.08
6/19/2017					<0.08	
6/20/2017						0.032 (J)
10/24/2017					0.021 (J)	0.054
4/9/2018						0.06
4/10/2018					0.022 (J)	
10/16/2018					<0.08	0.036 (J)
3/26/2019					<0.08	
3/27/2019						0.046 (J)
10/7/2019					<0.08	<0.08
1/14/2020	1.1	1.8				
4/6/2020						0.063 (J)
4/7/2020					0.072 (J)	
6/24/2020	0.84	0.89				
6/25/2020					0.091	0.081
9/29/2020					<0.08	
9/30/2020	0.98					0.083
10/1/2020		0.95				
11/30/2020			2.1			
12/1/2020				0.4		
2/9/2021					<0.08	0.059 (J)
2/10/2021	0.94					
2/11/2021		0.98	2.4	0.53		
9/7/2021					<0.08	
9/8/2021						0.064 (J)
9/9/2021	1			0.53		
9/10/2021		0.85	2.6			

Time Series

Constituent: Boron (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	0.57		
10/26/2016	0.502		
1/25/2017	0.56		
4/10/2017	0.54		
6/19/2017	0.54		
10/24/2017	0.57		
4/10/2018	0.61		
10/16/2018	0.59		
3/27/2019	0.65		
10/8/2019	0.58		
12/16/2019		2.7	0.42
1/14/2020		2.7	0.43
2/11/2020		3	0.079 (J)
3/9/2020		2.7	0.25
4/7/2020	0.74	2.6	0.44
5/27/2020		2.5	0.45
6/24/2020		2.5	
6/25/2020	0.82		0.42
7/15/2020		2.6	0.49
8/19/2020		1.3	
8/20/2020			0.44
9/22/2020		2.8	0.5
9/30/2020		2.9	
10/1/2020	0.9		0.49
2/10/2021	0.81	2.5	0.42
9/8/2021	0.79		
9/9/2021			0.41
9/10/2021		2.7	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
5/5/2009					<0.0025	
5/15/2009						<0.0025
12/5/2009					<0.0025	<0.0025
6/1/2010					<0.0025	<0.0025
11/11/2010					<0.0025	<0.0025
5/17/2011					<0.0025	<0.0025
11/8/2011					<0.0025	<0.0025
5/16/2012					<0.0025	<0.0025
5/14/2013					<0.0025	<0.0025
11/5/2013					<0.0025	<0.0025
6/9/2014					<0.0025	<0.0025
11/18/2014						<0.0025
11/19/2014					<0.0025	
4/14/2015					<0.0025	<0.0025
11/4/2015					<0.0025	<0.0025
6/22/2016					<0.0025	<0.0025
8/29/2016					<0.0025	<0.0025
10/24/2016					<0.0025	<0.0025
1/25/2017					<0.0025	<0.0025
4/10/2017					<0.0025	<0.0025
6/19/2017					<0.0025	
6/20/2017						<0.0025
10/24/2017					<0.0025	<0.0025
4/9/2018						<0.0025
4/10/2018					<0.0025	
10/16/2018					<0.0025	<0.0025
3/26/2019					<0.0025	
3/27/2019						<0.0025
8/20/2019					<0.0025	<0.0025
10/7/2019					<0.0025	<0.0025
4/6/2020						<0.0025
4/7/2020					0.00034 (J)	
8/19/2020					<0.0025	<0.0025
8/20/2020	<0.0025	<0.0025				
2/9/2021					<0.0025	<0.0025
2/10/2021	<0.0025					
2/11/2021		<0.0025	<0.0025	<0.0025		
9/7/2021					<0.0025	
9/8/2021						<0.0025
9/9/2021	<0.0025			<0.0025		
9/10/2021		<0.0025	<0.0025			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
5/14/2009	<0.0025		
12/5/2009	<0.0025		
6/2/2010	<0.0025		
11/11/2010	<0.0025		
5/17/2011	<0.0025		
11/8/2011	<0.0025		
5/16/2012	<0.0025		
5/14/2013	<0.0025		
11/5/2013	<0.0025		
6/9/2014	<0.0025		
11/18/2014	<0.0025		
4/14/2015	<0.0025		
10/29/2015	<0.0025		
6/23/2016	<0.0025		
8/30/2016	<0.0025		
10/26/2016	<0.0025		
1/25/2017	<0.0025		
4/10/2017	<0.0025		
6/19/2017	<0.0025		
10/24/2017	<0.0025		
4/10/2018	<0.0025		
10/16/2018	<0.0025		
3/27/2019	<0.0025		
8/20/2019	<0.0025		
10/8/2019	<0.0025		
12/16/2019		<0.0025	<0.0025
1/14/2020		<0.0025	<0.0025
2/11/2020		<0.0025	<0.0025
3/9/2020		<0.0025	<0.0025
4/7/2020	<0.0025	<0.0025	<0.0025
5/27/2020		<0.0025	<0.0025
7/15/2020		<0.0025	<0.0025
8/19/2020		<0.0025	
8/20/2020			<0.0025
8/21/2020	<0.0025		
9/22/2020		<0.0025	<0.0025
2/10/2021	<0.0025	<0.0025	<0.0025
9/8/2021	<0.0025		
9/9/2021			<0.0025
9/10/2021		<0.0025	

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					11	8.3
10/24/2016					11.5	7.66
1/25/2017					13	9.4
4/10/2017					11	8.6
6/19/2017					12	
6/20/2017						9.4
10/24/2017					12	9.9
4/9/2018						9.9
4/10/2018					12	
10/16/2018					14	9.8
3/26/2019					15	
3/27/2019						9.2
10/7/2019					14	8.9
4/6/2020						9.5
4/7/2020					14	
6/24/2020	81	89				
6/25/2020					14	9.6
9/29/2020					12	
9/30/2020	100					9.9
10/1/2020		91				
11/30/2020			260			
12/1/2020				81		
2/9/2021					9.7	9.2
2/10/2021	93					
2/11/2021		100	290	75		
9/7/2021					9.2	
9/8/2021						11
9/9/2021	93			71		
9/10/2021		130	290			

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	46		
10/26/2016	44.3		
1/25/2017	50		
4/10/2017	52		
6/19/2017	55		
10/24/2017	56		
4/10/2018	51		
10/16/2018	57		
3/27/2019	58		
10/8/2019	60		
12/16/2019		200	69
1/14/2020		210	65
2/11/2020		180	10
3/9/2020		180	46
4/7/2020	69	190	65
5/27/2020		200	69
6/24/2020		180	
6/25/2020	80		72
7/15/2020		190	68
8/19/2020		220	
8/20/2020			69
9/22/2020		190	66
9/30/2020		200	
10/1/2020	79		73
2/10/2021	76	200	67
9/8/2021	81		
9/9/2021			70
9/10/2021		200	

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
5/5/2009					11.1	
5/15/2009						6.86
12/5/2009					9.46	5.06
6/1/2010					6.32	5.47
11/11/2010					7.16	5.26
5/17/2011					6.84	4.8
11/8/2011					9.13	5.62
5/16/2012					10.8	5.1
5/14/2013					16.2	5.25
11/5/2013					14.8	5.19
6/9/2014					13.6	5.55
4/14/2015					10.4	5.39
11/4/2015					9.19	5.38
6/22/2016					8.4	5.7
8/29/2016					8.4	5.3
10/24/2016					9.6	5.4
1/25/2017					8.7	5.1
4/10/2017					8	4.9
6/19/2017					7.6	
6/20/2017						5
10/24/2017					7.2	4.6
4/9/2018						4.7
4/10/2018					7.2	
10/16/2018					10	5.3
3/26/2019					12	
3/27/2019						4.6
10/7/2019					11	5.2
4/6/2020						5.2
4/7/2020					11	
6/24/2020	5.3	4.3				
6/25/2020					11	5.1
9/29/2020					10	
9/30/2020	5.2					5.6
10/1/2020		4.2				
11/30/2020			6.3			
12/1/2020				12		
2/9/2021					8.6	6
2/10/2021	5.3					
2/11/2021		4.4	5.9	12		
9/7/2021					7.4	
9/8/2021						5.9
9/9/2021	4.5			7.4		
9/10/2021		4.2	6.5			

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
5/14/2009	6.38		
12/5/2009	6.28		
6/2/2010	6.1		
11/11/2010	6.1461		
5/17/2011	6.17		
11/8/2011	6.6		
5/16/2012	6.18		
5/14/2013	6.32		
11/5/2013	5.65		
6/9/2014	6.08		
4/14/2015	5.43		
10/29/2015	5.62		
6/23/2016	5.9		
8/30/2016	5.5		
10/26/2016	6		
1/25/2017	5.4		
4/10/2017	5.1		
6/19/2017	5.2		
10/24/2017	4.9		
4/10/2018	4.8		
10/16/2018	5.1		
3/27/2019	4.4		
10/8/2019	4.5		
12/16/2019		5.8	3.9
1/14/2020		5.5	4
2/11/2020		9	4.7
3/9/2020		11	3.7
4/7/2020	4.2	8.1	3.8
5/27/2020		7.3	4
6/24/2020		5.7	
6/25/2020	3.7		3.4
7/15/2020		6	3.9
8/19/2020		5.7	
8/20/2020			3.9
9/22/2020		7.1	3.6
9/30/2020		8	
10/1/2020	4.3		3.8
2/10/2021	4.3	7.4	4.6
9/8/2021	4		
9/9/2021			4.7
9/10/2021		6.7	

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					0.0011 (J)	0.0052
10/24/2016					0.001 (J)	0.0053 (J)
1/25/2017					0.0013 (J)	0.0056
4/10/2017					<0.002	0.0047
6/19/2017					0.0013 (J)	
6/20/2017						0.0051
10/24/2017					0.0012 (J)	0.0056
4/9/2018						0.0071
4/10/2018					0.0015 (J)	
10/16/2018					0.0014 (J)	0.0071
8/20/2019					0.0024	0.0078
10/7/2019					<0.002	0.0059
4/6/2020						0.0057
4/7/2020					<0.002	
8/19/2020					<0.002	0.0063
8/20/2020	<0.002	<0.002				
9/29/2020					<0.002	
9/30/2020	<0.002					0.0057
10/1/2020		<0.002				
2/9/2021					0.0015 (J)	0.0059
2/10/2021	<0.002					
2/11/2021		<0.002	<0.002	<0.002		
9/7/2021					<0.002	
9/8/2021						0.0059
9/9/2021	<0.002			<0.002		
9/10/2021		<0.002	<0.002			

Time Series

Constituent: Chromium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	<0.002		
10/26/2016	<0.002		
1/25/2017	<0.002		
4/10/2017	<0.002		
6/19/2017	<0.002		
10/24/2017	<0.002		
4/10/2018	<0.002		
10/16/2018	<0.002		
8/20/2019	0.0017 (J)		
10/8/2019	<0.002		
12/16/2019		<0.002	<0.002
1/14/2020		<0.002	<0.002
2/11/2020		0.0048	<0.002
3/9/2020		<0.002	<0.002
4/7/2020	<0.002	<0.002	<0.002
5/27/2020		<0.002	<0.002
7/15/2020		<0.002	<0.002
8/19/2020		<0.002	
8/20/2020			<0.002
8/21/2020	<0.002		
9/22/2020		<0.002	<0.002
9/30/2020		<0.002	
10/1/2020	<0.002		<0.002
2/10/2021	<0.002	<0.002	<0.002
9/8/2021	<0.002		
9/9/2021			<0.002
9/10/2021		<0.002	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/28/2022 11:08 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					<0.0025	<0.0025
10/24/2016					<0.0025	<0.0025
1/25/2017					<0.0025	0.00076 (J)
4/10/2017					<0.0025	<0.0025
6/19/2017					<0.0025	
6/20/2017						<0.0025
10/24/2017					<0.0025	<0.0025
4/9/2018						<0.0025
4/10/2018					<0.0025	
10/16/2018					<0.0025	<0.0025
8/20/2019					0.00011 (J)	0.00015 (J)
10/7/2019					0.00011 (J)	<0.0025
4/6/2020						0.00039 (J)
4/7/2020					0.00038 (J)	
6/24/2020	0.00097 (J)	0.0027				
6/25/2020					<0.0025	0.00015 (J)
8/19/2020					<0.0025	0.00064 (J)
8/20/2020	0.001 (J)	0.0022 (J)				
9/29/2020					<0.0025	
9/30/2020	0.001 (J)					0.00031 (J)
10/1/2020		0.0036				
11/30/2020			0.028			
12/1/2020				0.0054		
2/9/2021					0.00016 (J)	0.00038 (J)
2/10/2021	0.00082 (J)					
2/11/2021		0.0028	0.017	0.0061		
9/7/2021					<0.0025	
9/8/2021						0.0005 (J)
9/9/2021	0.00072 (J)			0.0046		
9/10/2021		0.0022 (J)	0.075			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	0.0018 (J)		
10/26/2016	0.0018 (J)		
1/25/2017	0.0017 (J)		
4/10/2017	0.0016 (J)		
6/19/2017	0.0021 (J)		
10/24/2017	0.0019 (J)		
4/10/2018	0.0019 (J)		
10/16/2018	0.0019 (J)		
8/20/2019	0.0023		
10/8/2019	0.0018		
12/16/2019		0.018	0.0023
1/14/2020		0.0072	0.0031
2/11/2020		0.013	0.00056
3/9/2020		0.015	0.00061 (J)
4/7/2020	0.00087	0.009	0.0016
5/27/2020		0.0059	0.0017 (J)
6/24/2020		0.0047	
6/25/2020	0.00097 (J)		0.0014 (J)
7/15/2020		0.0027	0.0017 (J)
8/19/2020		0.0032	
8/20/2020			0.0023 (J)
8/21/2020	0.00066 (J)		
9/22/2020		0.0085	0.0036
9/30/2020		0.0055	
10/1/2020	0.00082 (J)		0.0052
2/10/2021	0.00063 (J)	0.0015 (J)	0.00072 (J)
9/8/2021	0.0007 (J)		
9/9/2021			0.0009 (J)
9/10/2021		0.0015 (J)	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/28/2022 11:08 AM

Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					0.324 (U)	0.508 (U)
10/24/2016					1.17 (U)	1.46
1/25/2017					0.443 (U)	0.377 (U)
4/10/2017					0.483	0.132 (U)
6/19/2017					0.478	
6/20/2017						1.17
10/24/2017					0.764	0.704
4/9/2018						0.539
4/10/2018					0.3 (U)	
10/16/2018					0.991	0.354 (U)
8/20/2019					0.498	0.53
10/7/2019					0.476 (U)	0.621 (U)
4/6/2020						0.072 (U)
4/7/2020					0.651	
8/19/2020					0.294 (U)	0.94
8/20/2020	0.527	4.13				
9/29/2020					0.372 (U)	
9/30/2020	0.249 (U)					0.679
10/1/2020		2.86				
2/9/2021					0.466 (U)	-0.0396 (U)
2/10/2021	0.949					
2/11/2021		2.09	5.1	0.285 (U)		
9/7/2021					0.31 (U)	
9/8/2021						0.44 (U)
9/9/2021	0.972			0.16 (U)		
9/10/2021		3.4	4.23			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/28/2022 11:08 AM

Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	0.832		
10/26/2016	1.27		
1/25/2017	0.549		
4/10/2017	0.556		
6/19/2017	0.976		
10/24/2017	0.504		
4/10/2018	0.621		
10/16/2018	0.796		
8/20/2019	0.978		
10/8/2019	0.588		
12/16/2019		0.229 (U)	0.166 (U)
1/14/2020		0.783	0.869
2/11/2020		0.229 (U)	0.0291 (U)
3/9/2020		0.365	0.626
4/7/2020	0.433 (U)	0.567	0.296 (U)
5/27/2020		0.143 (U)	0.192 (U)
7/15/2020		0.97	0.279 (U)
8/19/2020		0.587 (U)	
8/20/2020			0.242 (U)
8/21/2020	0.472		
9/22/2020		0.884	0.0177 (U)
9/30/2020		0.602	
10/1/2020	0.496 (U)		0.749
2/10/2021	0.625	0.233 (U)	0.0408 (U)
9/8/2021	1.12		
9/9/2021			0.498
9/10/2021		0.713	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/28/2022 11:08 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					<0.1	<0.1
10/24/2016					0.07 (J)	0.04 (J)
1/25/2017					<0.1	<0.1
4/10/2017					<0.1	<0.1
6/19/2017					<0.1	
6/20/2017						<0.1
10/24/2017					<0.1	<0.1
4/9/2018						<0.1
4/10/2018					<0.1	
10/16/2018					0.083 (J)	<0.1
3/26/2019					0.041 (J)	
3/27/2019						<0.1
8/20/2019					0.045 (J)	0.042 (J)
10/7/2019					0.049 (J)	0.036 (J)
4/6/2020						0.059 (J)
4/7/2020					0.14	
6/24/2020	0.21	0.11				
6/25/2020					0.03 (J)	<0.1
8/19/2020					<0.1	<0.1
8/20/2020	0.23	<0.1				
9/29/2020					0.051 (J)	
9/30/2020	0.2					0.032 (J)
10/1/2020		0.098 (J)				
11/30/2020			0.044 (J)			
12/1/2020				0.14		
2/9/2021					0.059 (J)	0.048 (J)
2/10/2021	0.21					
2/11/2021		0.12	0.054 (J)	0.24		
9/7/2021					0.1	
9/8/2021						0.067 (J)
9/9/2021	0.21			0.19		
9/10/2021		0.13	0.032 (J)			

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	0.099 (J)		
10/26/2016	0.57		
1/25/2017	0.12 (J)		
4/10/2017	0.11 (J)		
6/19/2017	0.11 (J)		
10/24/2017	0.1 (J)		
4/10/2018	0.094 (J)		
10/16/2018	0.17 (J)		
3/27/2019	0.05 (J)		
8/20/2019	0.098 (J)		
10/8/2019	0.065 (J)		
12/16/2019		0.026 (J)	0.18 (J)
1/14/2020		<0.1	0.21
2/11/2020		0.056	0.13
3/9/2020		0.064 (J)	0.089 (J)
4/7/2020	0.12	0.068 (J)	0.18
5/27/2020		0.06 (J)	0.25
6/24/2020		0.048 (J)	
6/25/2020	0.041 (J)		0.25
7/15/2020		0.04 (J)	0.28
8/19/2020		<0.1	
8/20/2020			0.19
8/21/2020	0.084 (J)		
9/22/2020		0.049 (J)	0.33
9/30/2020		0.045 (J)	
10/1/2020	0.098 (J)		0.32
2/10/2021	0.14	0.055 (J)	0.41
9/8/2021	0.16		
9/9/2021			0.48
9/10/2021		0.035 (J)	

Time Series

Constituent: Lead (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
5/5/2009					<0.001	
5/15/2009						<0.001
12/5/2009					<0.001	<0.001
6/1/2010					<0.001	<0.001
11/11/2010					<0.001	<0.001
5/17/2011					<0.001	<0.001
11/8/2011					<0.001	<0.001
5/16/2012					<0.001	<0.001
5/14/2013					<0.001	<0.001
11/5/2013					<0.001	<0.001
6/9/2014					<0.001	<0.001
11/18/2014						<0.001
11/19/2014					<0.001	
4/14/2015					<0.001	<0.001
11/4/2015					<0.001	<0.001
6/22/2016					<0.001	<0.001
8/29/2016					<0.001	<0.001
10/24/2016					<0.001	<0.001
1/25/2017					<0.001	0.00037 (J)
4/10/2017					<0.001	<0.001
6/19/2017					<0.001	
6/20/2017						<0.001
10/24/2017					<0.001	<0.001
4/9/2018						<0.001
4/10/2018					<0.001	
10/16/2018					<0.001	<0.001
3/26/2019					<0.001	
3/27/2019						<0.001
8/20/2019					<0.001	<0.001
10/7/2019					0.00018 (J)	0.00014 (J)
4/6/2020						0.00033 (J)
4/7/2020					0.00037 (J)	
8/19/2020					<0.001	0.00039 (J)
8/20/2020	<0.001	<0.001				
9/29/2020					<0.001	
9/30/2020	<0.001					0.00022 (J)
10/1/2020		<0.001				
2/9/2021					<0.001	0.00033 (J)
2/10/2021	<0.001					
2/11/2021		<0.001	0.00013 (J)	<0.001		
9/7/2021					<0.001	
9/8/2021						0.00024 (J)
9/9/2021	<0.001			<0.001		
9/10/2021		<0.001	<0.001			

Time Series

Constituent: Lead (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
5/14/2009	<0.001		
12/5/2009	<0.001		
6/2/2010	<0.001		
11/11/2010	<0.001		
5/17/2011	<0.001		
11/8/2011	<0.001		
5/16/2012	<0.001		
5/14/2013	<0.001		
11/5/2013	<0.001		
6/9/2014	<0.001		
11/18/2014	<0.001		
4/14/2015	<0.001		
10/29/2015	<0.001		
6/23/2016	<0.001		
8/30/2016	<0.001		
10/26/2016	<0.001		
1/25/2017	<0.001		
4/10/2017	<0.001		
6/19/2017	<0.001		
10/24/2017	<0.001		
4/10/2018	<0.001		
10/16/2018	<0.001		
3/27/2019	<0.001		
8/20/2019	<0.001		
10/8/2019	0.00015 (J)		
12/16/2019		<0.001	<0.001
1/14/2020		0.00022 (J)	0.00018 (J)
2/11/2020		<0.001	0.00026 (J)
3/9/2020		<0.001	<0.001
4/7/2020	0.00026 (J)	0.00014 (J)	<0.001
5/27/2020		<0.001	<0.001
7/15/2020		<0.001	<0.001
8/19/2020		<0.001	
8/20/2020			<0.001
8/21/2020	<0.001		
9/22/2020		<0.001	<0.001
9/30/2020		<0.001	
10/1/2020	<0.001		<0.001
2/10/2021	<0.001	<0.001	<0.001
9/8/2021	<0.001		
9/9/2021			<0.001
9/10/2021		<0.001	

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/28/2022 11:08 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					0.0048 (J)	<0.005
10/24/2016					<0.005	<0.005
1/25/2017					0.0052	<0.005
4/10/2017					0.0034 (J)	<0.005
6/19/2017					0.0036 (J)	
6/20/2017						<0.005
10/24/2017					0.0051	<0.005
4/9/2018						0.0021 (J)
4/10/2018					0.0057	
10/16/2018					0.0048 (J)	0.0018 (J)
8/20/2019					0.0044 (J)	<0.005
10/7/2019					0.013	0.0066
1/14/2020	0.009	0.086				
4/6/2020						<0.005
4/7/2020					0.0053	
6/24/2020	0.0084	0.018				
6/25/2020					0.0053	<0.005
8/19/2020					0.0038 (J)	<0.005
8/20/2020	0.0066	0.036				
9/29/2020					0.0041 (J)	
9/30/2020	0.0091					<0.005
10/1/2020		0.019				
11/30/2020			0.061			
12/1/2020				0.0044 (J)		
2/9/2021					0.0038 (J)	<0.005
2/10/2021	0.0097					
2/11/2021		0.021	0.061	0.0055		
9/7/2021					0.0034 (J)	
9/8/2021						<0.005
9/9/2021	0.0095			0.0062		
9/10/2021		0.025	0.06			

Time Series

Constituent: Lithium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	0.0092		
10/26/2016	0.0071 (J)		
1/25/2017	0.0087		
4/10/2017	0.0074		
6/19/2017	0.0079		
10/24/2017	0.0097		
4/10/2018	0.012		
10/16/2018	0.01		
8/20/2019	0.0098		
10/8/2019	0.015		
12/16/2019		0.027	0.02
1/14/2020		0.034	0.022
2/11/2020		0.01	0.0078
3/9/2020		0.0071	0.013
4/7/2020	0.011	0.012	0.032
5/27/2020		0.017	0.037
6/24/2020		0.023	
6/25/2020	0.013		0.043
7/15/2020		0.021	0.042
8/19/2020		0.026	
8/20/2020			0.036
8/21/2020	0.013		
9/22/2020		0.014	0.039
9/30/2020		0.014	
10/1/2020	0.012		0.04
2/10/2021	0.012	0.022	0.044
9/8/2021	0.012		
9/9/2021			0.045
9/10/2021		0.021	

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					<0.0002	<0.0002
10/24/2016					<0.0002	<0.0002
1/25/2017					7.7E-05 (J)	7.2E-05 (J)
4/10/2017					<0.0002	<0.0002
6/19/2017					<0.0002	
6/20/2017						<0.0002
10/24/2017					<0.0002	<0.0002
4/9/2018						<0.0002
4/10/2018					<0.0002	
10/16/2018					<0.0002	<0.0002
8/20/2019					<0.0002	<0.0002
8/19/2020					<0.0002	<0.0002
8/20/2020	<0.0002	<0.0002				
9/7/2021					<0.0002	
9/8/2021						<0.0002
9/9/2021	<0.0002			<0.0002		
9/10/2021		<0.0002	<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	<0.0002		
10/26/2016	<0.0002		
1/25/2017	7.3E-05 (J)		
4/10/2017	<0.0002		
6/19/2017	<0.0002		
10/24/2017	<0.0002		
4/10/2018	<0.0002		
10/16/2018	<0.0002		
8/20/2019	<0.0002		
12/16/2019		<0.0002	<0.0002
1/14/2020		<0.0002	<0.0002
2/11/2020		<0.0002	<0.0002
3/9/2020		<0.0002	<0.0002
5/27/2020		<0.0002	<0.0002
7/15/2020		<0.0002	<0.0002
8/19/2020		<0.0002	
8/20/2020			<0.0002
8/21/2020	<0.0002		
9/22/2020		<0.0002	<0.0002
10/1/2020			<0.0002
9/8/2021	<0.0002		
9/9/2021			<0.0002
9/10/2021		<0.0002	

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					<0.015	<0.015
10/24/2016					<0.015	<0.015
1/25/2017					<0.015	<0.015
4/10/2017					<0.015	<0.015
6/19/2017					<0.015	
6/20/2017						<0.015
10/24/2017					<0.015	<0.015
4/9/2018						<0.015
4/10/2018					0.00096 (J)	
10/16/2018					<0.015	<0.015
8/20/2019					<0.015	<0.015
6/24/2020	0.0051 (J)	<0.015				
6/25/2020					<0.015	<0.015
8/19/2020					<0.015	<0.015
8/20/2020	0.0076 (J)	0.0013 (J)				
9/29/2020					<0.015	
9/30/2020	0.0054 (J)					<0.015
10/1/2020		<0.015				
11/30/2020			0.0012 (J)			
12/1/2020				0.056		
2/9/2021					<0.015	<0.015
2/10/2021	0.0043 (J)					
2/11/2021		<0.015	<0.015	0.038		
9/7/2021					<0.015	
9/8/2021						<0.015
9/9/2021	0.0059 (J)			0.12		
9/10/2021		<0.015	<0.015			

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 1/28/2022 11:08 AM

Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	<0.015		
10/26/2016	<0.015		
1/25/2017	<0.015		
4/10/2017	<0.015		
6/19/2017	<0.015		
10/24/2017	<0.015		
4/10/2018	<0.015		
10/16/2018	<0.015		
8/20/2019	<0.015		
12/16/2019		0.0018 (J)	0.025
1/14/2020		0.0012 (J)	0.032
2/11/2020		0.00093	0.021
3/9/2020		0.00067	0.013 (J)
5/27/2020		<0.015	0.048
6/24/2020		<0.015	
6/25/2020	<0.015		0.055
7/15/2020		<0.015	0.055
8/19/2020		<0.015	
8/20/2020			0.061
8/21/2020	<0.015		
9/22/2020		<0.015	0.053
9/30/2020		<0.015	
10/1/2020	<0.015		0.064
2/10/2021	<0.015	<0.015	0.063
9/8/2021	<0.015		
9/9/2021			0.071
9/10/2021		<0.015	

Time Series

Constituent: pH (SU) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					6.75 (o)	5.64
10/24/2016					5.81	5.6
1/25/2017					5.91	5.65
4/10/2017					5.74	5.42
6/19/2017					5.54	
6/20/2017						5.59
10/24/2017					5.82	5.58
4/9/2018						5.78
4/10/2018					5.92	
10/16/2018					5.94	5.69
3/26/2019					5.85	
3/27/2019						5.96
8/20/2019					5.9	5.57
10/7/2019					5.89	5.65
1/14/2020	6.07	6.12				
4/6/2020						5.53
4/7/2020					5.72	
6/24/2020	6.31	6.19				
6/25/2020					5.8	5.61
8/19/2020					6.25	6.16
8/20/2020	6.09	5.99				
9/29/2020					5.83	
9/30/2020	6.16					5.65
10/1/2020		5.96				
11/30/2020			6			
12/1/2020				7.05		
2/9/2021					5.97	5.66
2/10/2021	6.16					
2/11/2021		6	5.67	6.95		
9/7/2021					5.85	
9/8/2021						5.59
9/9/2021	6.1			6.56		
9/10/2021		6.01	5.7			

Time Series

Constituent: pH (SU) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	6.38		
10/26/2016	6.23		
1/25/2017	6.15		
4/10/2017	5.99		
6/19/2017	5.95		
10/24/2017	6.02		
4/10/2018	6.12		
10/16/2018	6.12		
3/27/2019	6.2		
8/20/2019	6.08		
10/8/2019	6.11		
12/16/2019		5.74	6.41
1/14/2020		5.91	6.62
2/11/2020		5.9	6.71
3/9/2020		5.97	6.32
4/7/2020	5.96	5.84	6.4
5/27/2020		5.69	6.3
6/24/2020		5.82	
6/25/2020	5.98		6.37
7/15/2020		5.58	6.36
8/19/2020		6.21	
8/20/2020			6.33
8/21/2020	5.89		
9/22/2020		5.77	6.29
9/30/2020		5.81	
10/1/2020	5.99		6.38
2/10/2021	6.01	5.68	6.37
9/8/2021	5.94		
9/9/2021			6.35
9/10/2021		5.62	

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/28/2022 11:08 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
5/5/2009					0.0043	
5/15/2009						0.007 (o)
12/5/2009					<0.005	<0.005
6/1/2010					<0.005	<0.005
11/11/2010					<0.005	<0.005
5/17/2011					<0.005	<0.005
11/8/2011					<0.005	<0.005
5/16/2012					<0.005	0.0024 (J)
5/14/2013					<0.005	<0.005
11/5/2013					<0.005	<0.005
6/9/2014					<0.005	<0.005
11/18/2014						<0.005
11/19/2014					<0.005	
4/14/2015					<0.005	<0.005
11/4/2015					<0.005	<0.005
6/22/2016					0.00025 (J)	0.0019
8/29/2016					0.0004 (J)	0.0019
10/24/2016					<0.005	0.0023 (J)
1/25/2017					<0.005	0.0015
4/10/2017					<0.005	0.0011 (J)
6/19/2017					0.00025 (J)	
6/20/2017						0.0016
10/24/2017					<0.005	0.0012 (J)
4/9/2018						0.0012 (J)
4/10/2018					0.00074 (J)	
10/16/2018					<0.005	0.0015
3/26/2019					<0.005	
3/27/2019						0.0015
8/20/2019					<0.005	0.0015 (J)
10/7/2019					<0.005	0.0016 (J)
4/6/2020						0.0017 (J)
4/7/2020					<0.005	
8/19/2020					<0.005	0.0015 (J)
8/20/2020	<0.005	<0.005				
9/29/2020					<0.005	
9/30/2020	<0.005					0.0016 (J)
10/1/2020		<0.005				
2/9/2021					<0.005	0.0016 (J)
2/10/2021	<0.005					
2/11/2021		<0.005	<0.005	<0.005		
9/7/2021					<0.005	
9/8/2021						<0.005
9/9/2021	<0.005			<0.005		
9/10/2021		<0.005	<0.005			

Time Series

Constituent: Selenium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
5/14/2009	0.0058 (o)		
12/5/2009	<0.005		
6/2/2010	<0.005		
11/11/2010	<0.005		
5/17/2011	<0.005		
11/8/2011	<0.005		
5/16/2012	<0.005		
5/14/2013	<0.005		
11/5/2013	<0.005		
6/9/2014	<0.005		
11/18/2014	<0.005		
4/14/2015	<0.005		
10/29/2015	<0.005		
6/23/2016	<0.005		
8/30/2016	<0.005		
10/26/2016	<0.005		
1/25/2017	<0.005		
4/10/2017	<0.005		
6/19/2017	<0.005		
10/24/2017	<0.005		
4/10/2018	<0.005		
10/16/2018	<0.005		
3/27/2019	<0.005		
8/20/2019	<0.005		
10/8/2019	<0.005		
12/16/2019		<0.005	<0.005
1/14/2020		<0.005	<0.005
2/11/2020		<0.005	<0.005
3/9/2020		<0.005	<0.005
4/7/2020	<0.005	<0.005	<0.005
5/27/2020		<0.005	<0.005
7/15/2020		<0.005	<0.005
8/19/2020		<0.005	
8/20/2020			<0.005
8/21/2020	<0.005		
9/22/2020		<0.005	<0.005
9/30/2020		<0.005	
10/1/2020	<0.005		<0.005
2/10/2021	<0.005	<0.005	<0.005
9/8/2021	<0.005		
9/9/2021			<0.005
9/10/2021		0.002 (J)	

Time Series

Constituent: Silver (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
5/5/2009					<0.001	
5/15/2009						<0.001
12/5/2009					0.00075	0.00043
6/1/2010					<0.001	<0.001
11/11/2010					<0.001	<0.001
5/17/2011					<0.001	<0.001
11/8/2011					<0.001	<0.001
5/16/2012					<0.001	<0.001
5/14/2013					<0.001	<0.001
11/5/2013					<0.001	<0.001
6/9/2014					<0.001	<0.001
11/18/2014						<0.001
11/19/2014					<0.001	
4/14/2015					<0.001	<0.001
11/4/2015					<0.001	<0.001
6/22/2016					<0.001	<0.001
10/24/2016					<0.001	<0.001
4/10/2017					<0.001	<0.001
10/24/2017					<0.001	<0.001
4/9/2018						<0.001
4/10/2018					<0.001	
10/16/2018					<0.001	<0.001
3/26/2019					<0.001	
3/27/2019						<0.001
10/7/2019					0.00056 (J)	0.00031 (J)
4/6/2020						<0.001
4/7/2020					0.00018 (J)	
9/29/2020					<0.001	
9/30/2020	<0.001					<0.001
10/1/2020		<0.001				
2/9/2021					<0.001	<0.001
2/10/2021	<0.001					
2/11/2021		<0.001	<0.001	<0.001		
9/7/2021					<0.001	
9/8/2021						<0.001
9/9/2021	<0.001			<0.001		
9/10/2021		<0.001	<0.001			

Time Series

Constituent: Silver (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
5/14/2009	<0.001		
12/5/2009	0.001		
6/2/2010	<0.001		
11/11/2010	<0.001		
5/17/2011	<0.001		
11/8/2011	<0.001		
5/16/2012	<0.001		
5/14/2013	<0.001		
11/5/2013	<0.001		
6/9/2014	<0.001		
11/18/2014	<0.001		
4/14/2015	<0.001		
10/29/2015	<0.001		
6/23/2016	<0.001		
10/26/2016	<0.001		
4/10/2017	<0.001		
10/24/2017	<0.001		
4/10/2018	<0.001		
10/16/2018	<0.001		
3/27/2019	<0.001		
10/8/2019	0.00043 (J)		
4/7/2020	<0.001	<0.001	<0.001
9/30/2020		<0.001	
10/1/2020	<0.001		<0.001
2/10/2021	<0.001	<0.001	<0.001
9/8/2021	<0.001		
9/9/2021			<0.001
9/10/2021		<0.001	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
5/5/2009					15.9	
5/15/2009						41.3 (o)
12/5/2009					15.1	16.2
6/1/2010					12.7	18.2
11/11/2010					11.5	16.5
5/17/2011					11.2	16
11/8/2011					11.3	21
5/16/2012					9.38	17.7
5/14/2013					8.74	19.5
11/5/2013					9.12	18.3
6/9/2014					8.61	18.6
4/14/2015					8.45	18.8
11/4/2015					9.01	17.4
6/22/2016					9.3	18
8/29/2016					8.7	18
10/24/2016					9.3	18
1/25/2017					8.8	19
4/10/2017					7.8	16
6/19/2017					8.6	
6/20/2017						18
10/24/2017					9.1	19
4/9/2018						18
4/10/2018					7.9	
10/16/2018					8.2	18
3/26/2019					6.1	
3/27/2019						15
10/7/2019					7.4	17
4/6/2020						15
4/7/2020					8.4	
6/24/2020	250	290				
6/25/2020					9.8	16
9/29/2020					8.4	
9/30/2020	230					15
10/1/2020		270				
11/30/2020			990			
12/1/2020				120		
2/9/2021					10	16
2/10/2021	260					
2/11/2021		290	980	110		
9/7/2021					9.9	
9/8/2021						16
9/9/2021	210			100		
9/10/2021		440	1100			

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
5/14/2009	129		
12/5/2009	136		
6/2/2010	138		
11/11/2010	131.49		
5/17/2011	132		
11/8/2011	138		
5/16/2012	132		
5/14/2013	129		
11/5/2013	122		
6/9/2014	131		
4/14/2015	128		
10/29/2015	134		
6/23/2016	150		
8/30/2016	140		
10/26/2016	160		
1/25/2017	150		
4/10/2017	140		
6/19/2017	160		
10/24/2017	160		
4/10/2018	170		
10/16/2018	170		
3/27/2019	170		
10/8/2019	170		
12/16/2019		770	66
1/14/2020		930	68
2/11/2020		660	18
3/9/2020		630	49
4/7/2020	180	710	58
5/27/2020		720	65
6/24/2020		810	
6/25/2020	210		77
7/15/2020		820	78
8/19/2020		1000	
8/20/2020			69
9/22/2020		720	68
9/30/2020		650	
10/1/2020	210		64
2/10/2021	220	750	67
9/8/2021	230		
9/9/2021			72
9/10/2021		760	

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					<0.001	<0.001
10/24/2016					<0.001	<0.001
1/25/2017					<0.001	<0.001
4/10/2017					<0.001	<0.001
6/19/2017					<0.001	
6/20/2017						<0.001
10/24/2017					<0.001	<0.001
4/9/2018						<0.001
4/10/2018					<0.001	
10/16/2018					<0.001	<0.001
8/20/2019					<0.001	<0.001
8/19/2020					<0.001	<0.001
8/20/2020	<0.001	<0.001				
9/7/2021					<0.001	
9/8/2021						<0.001
9/9/2021	<0.001			<0.001		
9/10/2021		<0.001	<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 1/28/2022 11:08 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	<0.001		
10/26/2016	<0.001		
1/25/2017	<0.001		
4/10/2017	<0.001		
6/19/2017	<0.001		
10/24/2017	<0.001		
4/10/2018	<0.001		
10/16/2018	<0.001		
8/20/2019	<0.001		
12/16/2019		0.00078 (J)	<0.001
1/14/2020		0.00027 (J)	<0.001
2/11/2020		0.00034	0.00028 (J)
3/9/2020		0.00035 (J)	0.00026 (J)
5/27/2020		<0.001	0.00026 (J)
7/15/2020		<0.001	<0.001
8/19/2020		<0.001	
8/20/2020			<0.001
8/21/2020	<0.001		
9/22/2020		<0.001	<0.001
9/8/2021	<0.001		
9/9/2021			<0.001
9/10/2021		<0.001	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/28/2022 11:08 AM

Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	ARGWA-19 (bg)	ARGWA-20 (bg)
8/29/2016					130	100
10/24/2016					108	91
1/25/2017					120	90
4/10/2017					128 (D)	110
6/19/2017					86	
6/20/2017						72
10/24/2017					120	110
4/9/2018						100
4/10/2018					120	
10/16/2018					140	110
3/26/2019					170	
3/27/2019						100
10/7/2019					150	87
4/6/2020						90
4/7/2020					120	
9/29/2020					110	
9/30/2020	520					82
10/1/2020		530				
11/30/2020			1600			
12/1/2020				420		
2/9/2021					110	100
2/10/2021	560					
2/11/2021		590	1600	380		
9/7/2021					110	
9/8/2021						120
9/9/2021	560			260		
9/10/2021		870	1700			

Time Series

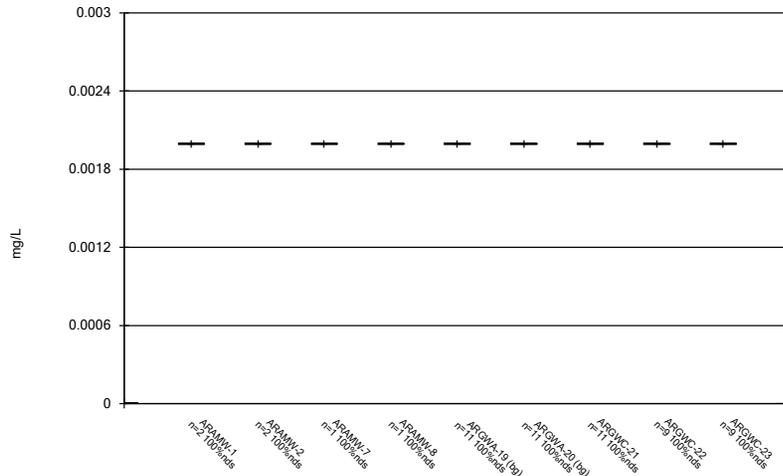
Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/28/2022 11:08 AM

Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016	350		
10/26/2016	357		
1/25/2017	320		
4/10/2017	380		
6/19/2017	370		
10/24/2017	420		
4/10/2018	370		
10/16/2018	380		
3/27/2019	400		
10/8/2019	420		
12/16/2019		1300	320
1/14/2020		1400	340
2/11/2020		1300	110
3/9/2020		1200	210
4/7/2020	460	1300	290
5/27/2020		1300	320
7/15/2020		1400	310
8/19/2020		1400	
8/20/2020			310
9/22/2020		1300	310
9/30/2020		1200	
10/1/2020	500		290
2/10/2021	510	1200	290
9/8/2021	560		
9/9/2021			320
9/10/2021		1300	

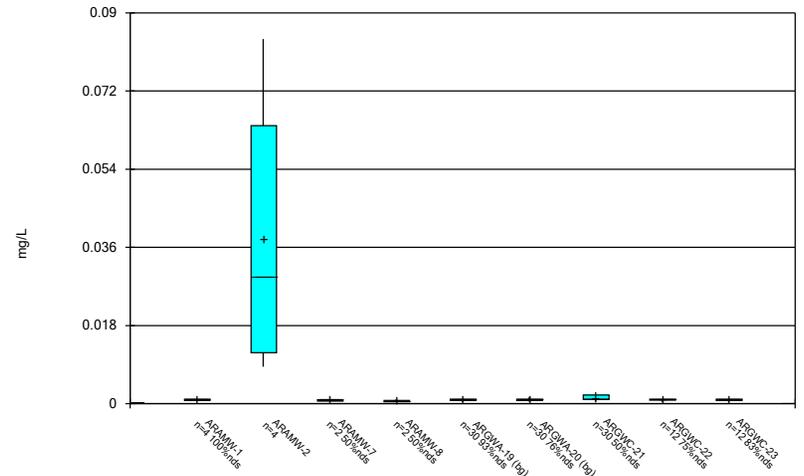
FIGURE B.

Box & Whiskers Plot



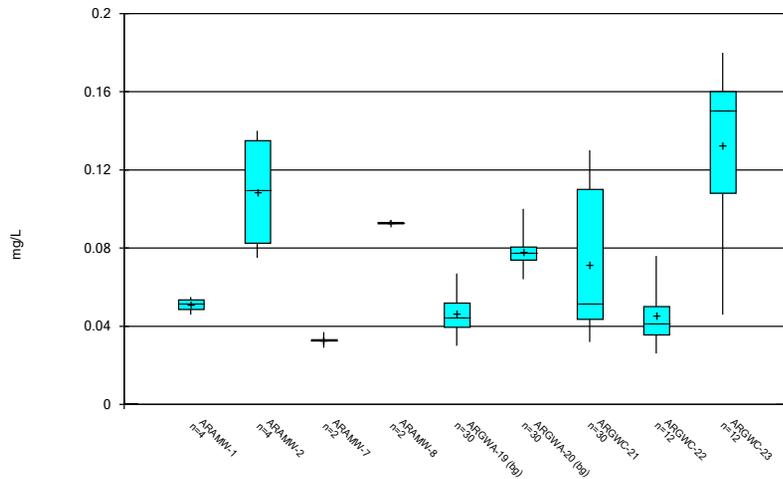
Constituent: Antimony Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



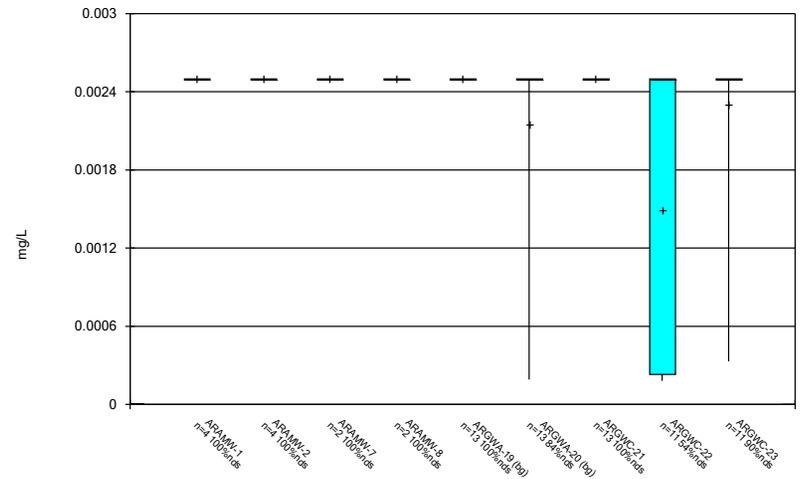
Constituent: Arsenic Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



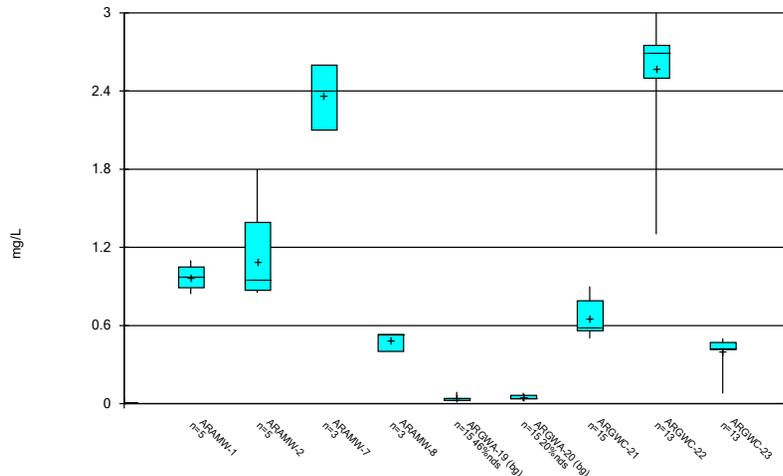
Constituent: Barium Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



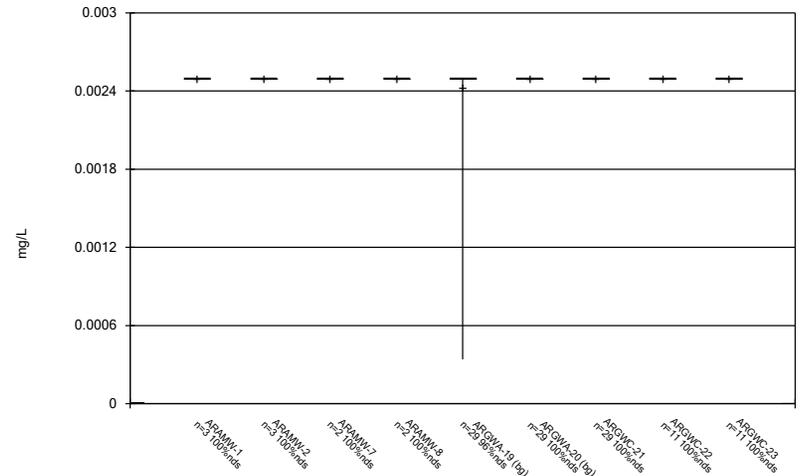
Constituent: Beryllium Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



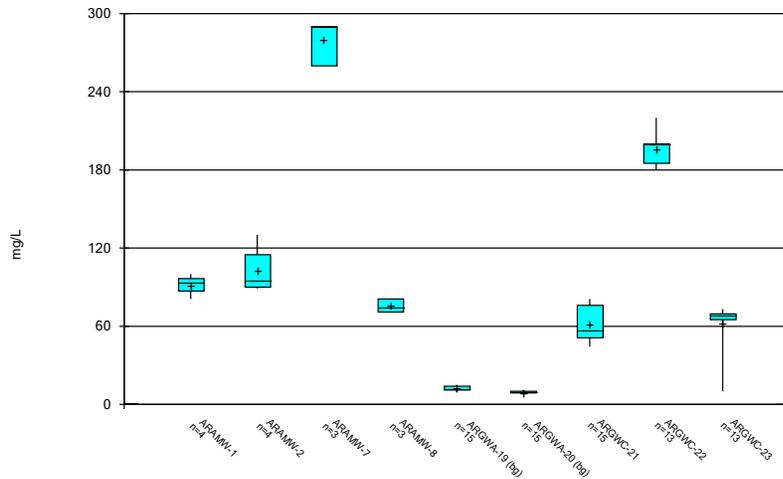
Constituent: Boron Analysis Run 1/28/2022 11:09 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



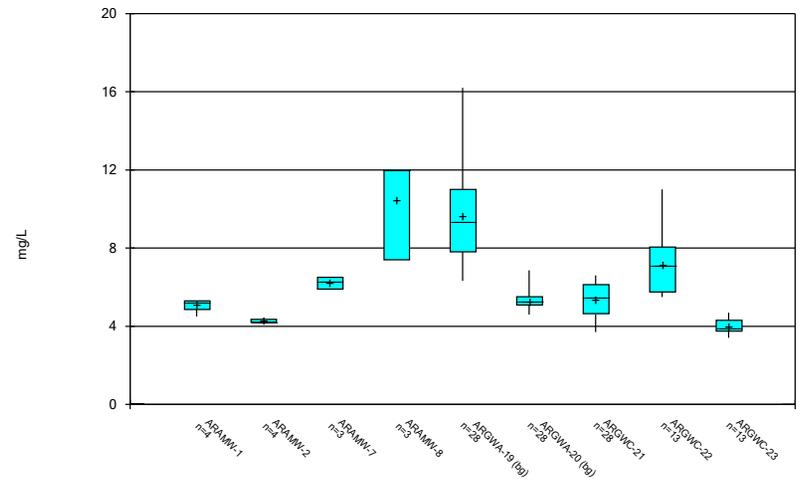
Constituent: Cadmium Analysis Run 1/28/2022 11:09 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



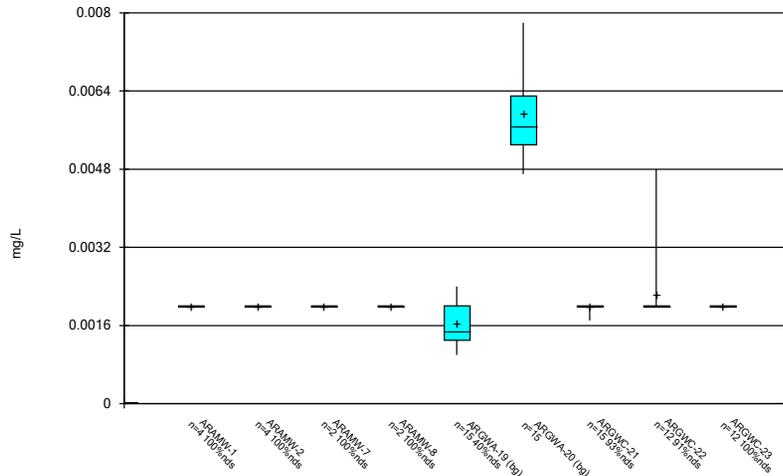
Constituent: Calcium Analysis Run 1/28/2022 11:09 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



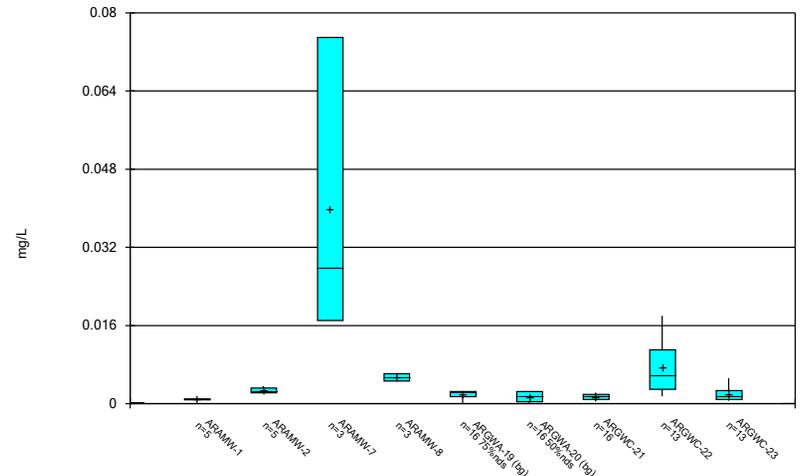
Constituent: Chloride Analysis Run 1/28/2022 11:09 AM
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



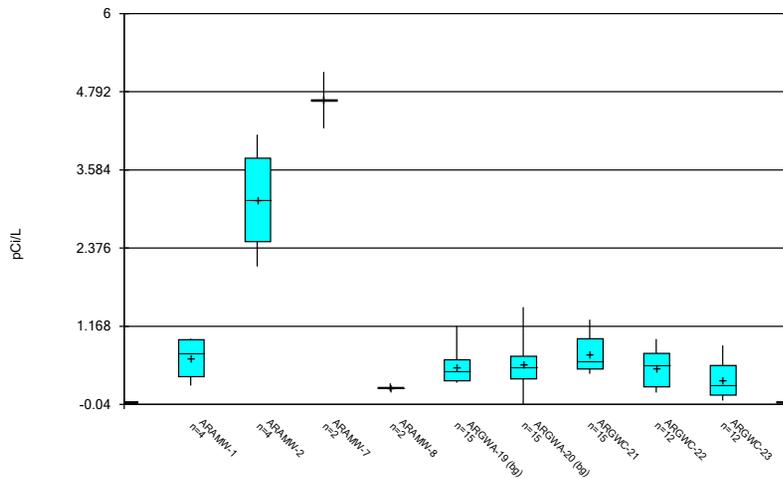
Constituent: Chromium Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



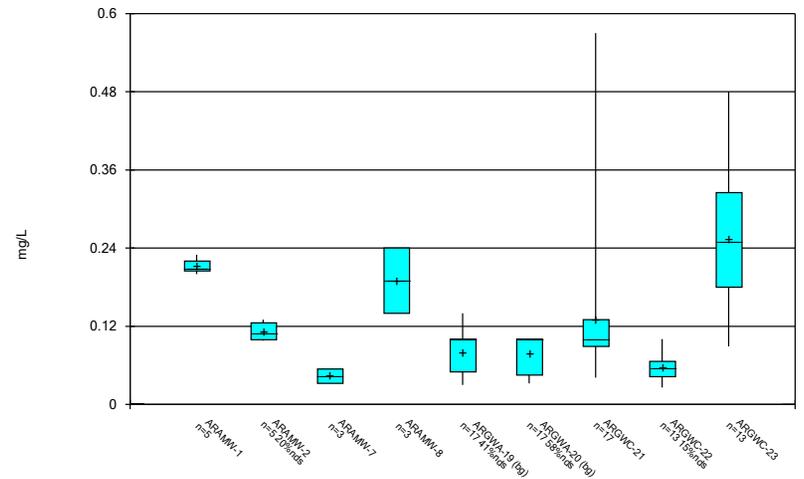
Constituent: Cobalt Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



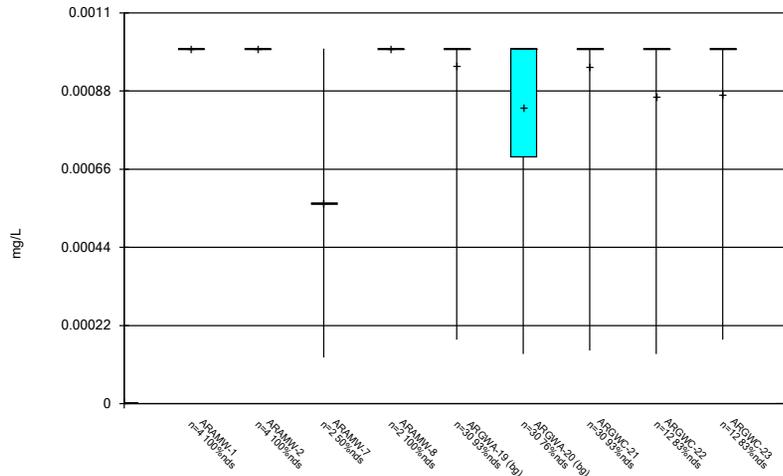
Constituent: Combined Radium 226 + 228 Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



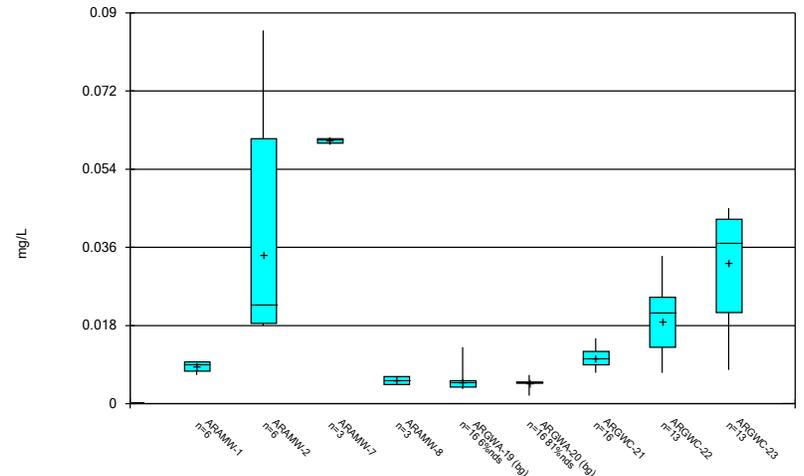
Constituent: Fluoride Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



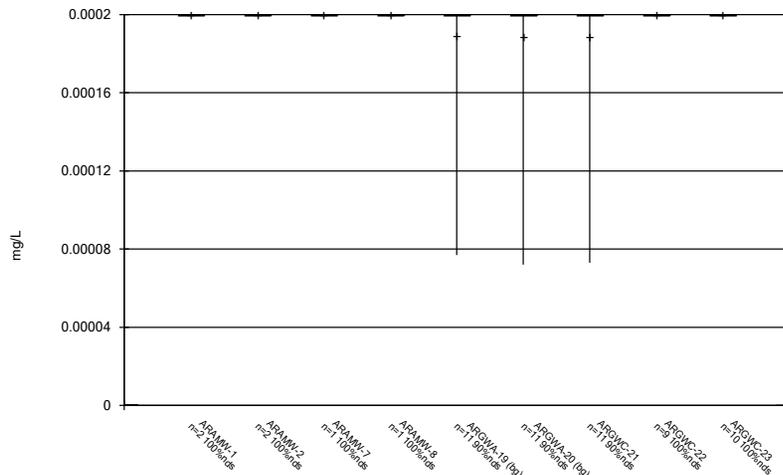
Constituent: Lead Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



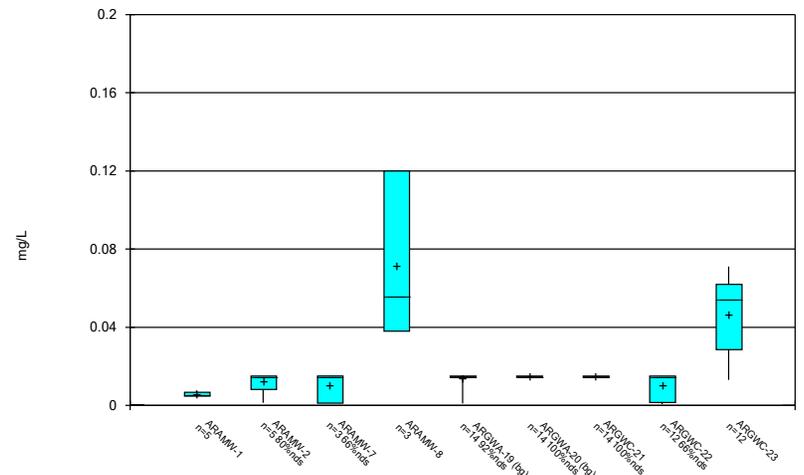
Constituent: Lithium Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



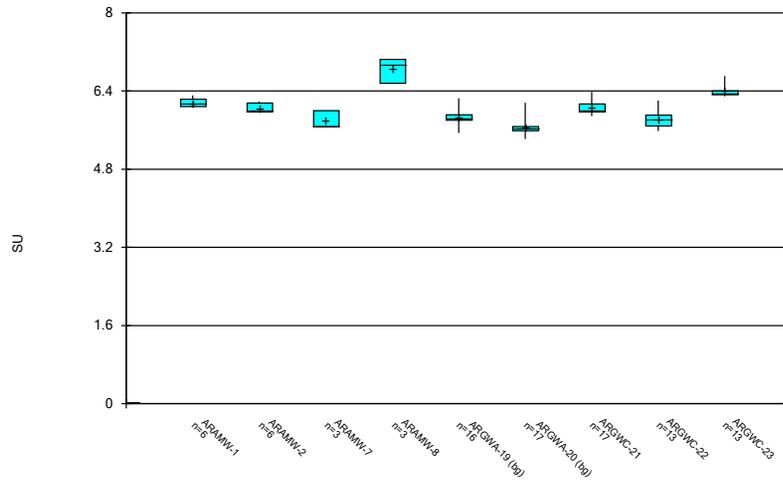
Constituent: Mercury Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



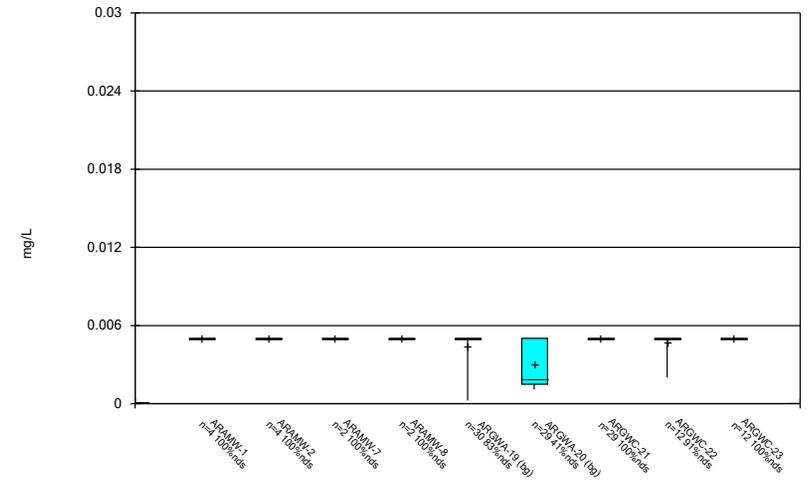
Constituent: Molybdenum Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



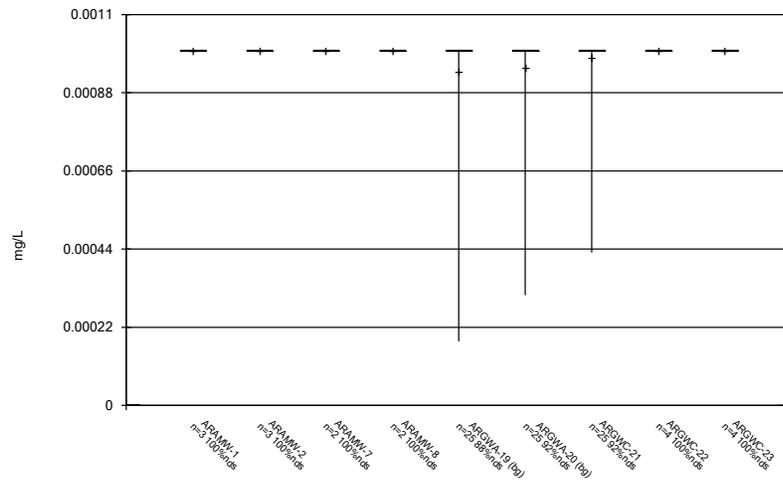
Constituent: pH Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



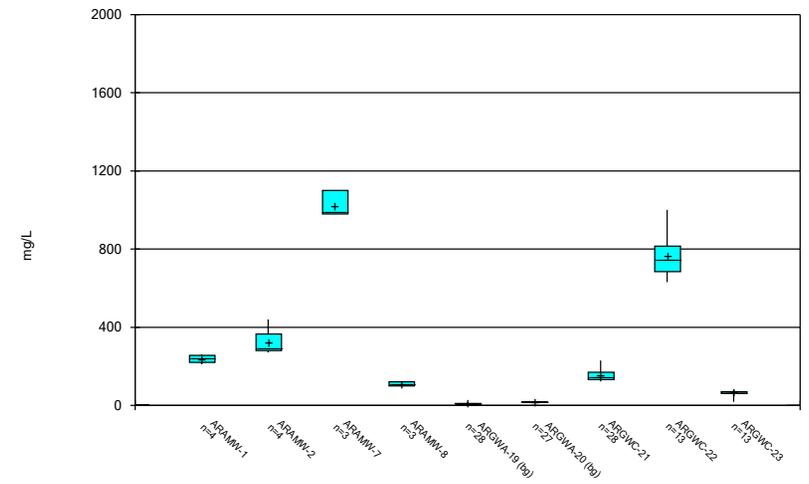
Constituent: Selenium Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



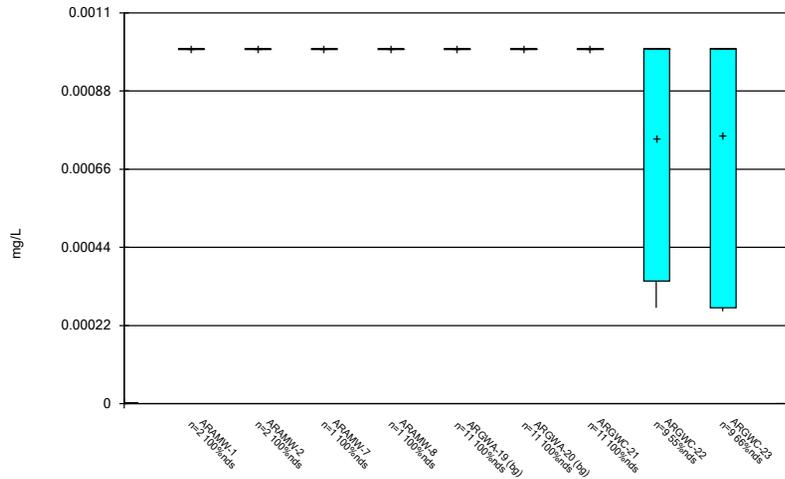
Constituent: Silver Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



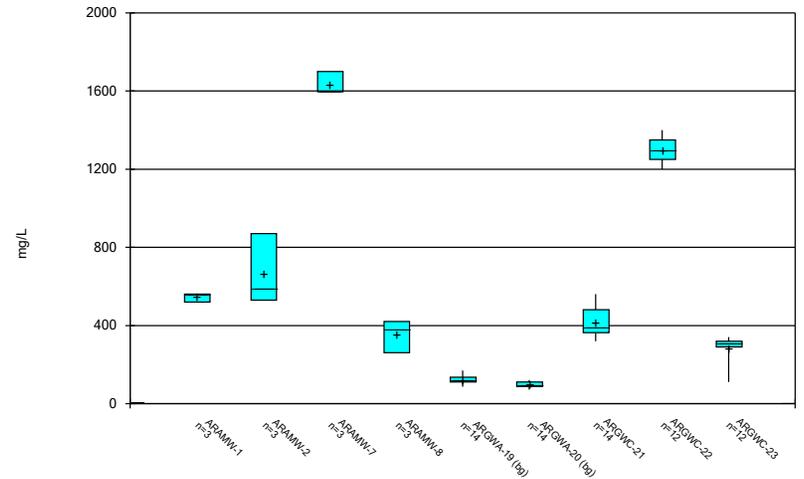
Constituent: Sulfate Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



Constituent: Thallium Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 1/28/2022 11:09 AM
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

FIGURE C.

Outlier Summary

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 11/22/2021, 9:36 AM

	ARGWA-19 pH (SU)	ARGWA-20 Selenium (mg/L)	ARGWC-21 Selenium (mg/L)	ARGWA-20 Sulfate (mg/L)
5/14/2009			0.0058 (o)	
5/15/2009		0.007 (o)		41.3 (o)
8/29/2016	6.75 (o)			

FIGURE D.

Appendix I - Interwell Prediction Limits - Significant Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 11/22/2021, 9:49 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	ARGWC-23	0.1	n/a	9/9/2021	0.12	Yes	60	n/a	n/a	0	n/a	n/a	0.0005253	NP Inter (normality) 1 of 2

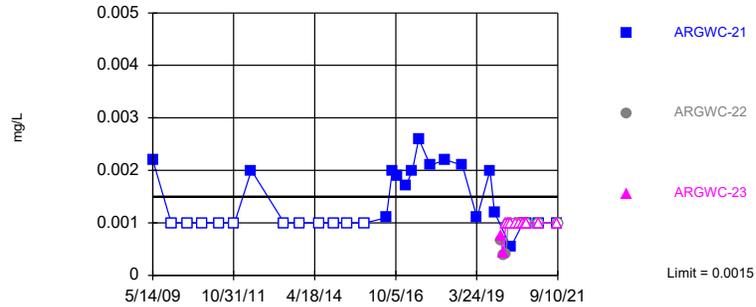
Appendix I - Interwell Prediction Limits - All Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 11/22/2021, 9:49 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	ARGWC-21	0.0015	n/a	9/8/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	ARGWC-22	0.0015	n/a	9/10/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	ARGWC-23	0.0015	n/a	9/9/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Barium (mg/L)	ARGWC-21	0.1	n/a	9/8/2021	0.045	No	60	n/a	n/a	0	n/a	n/a	0.0005253	NP Inter (normality) 1 of 2
Barium (mg/L)	ARGWC-22	0.1	n/a	9/10/2021	0.026	No	60	n/a	n/a	0	n/a	n/a	0.0005253	NP Inter (normality) 1 of 2
Barium (mg/L)	ARGWC-23	0.1	n/a	9/9/2021	0.12	Yes	60	n/a	n/a	0	n/a	n/a	0.0005253	NP Inter (normality) 1 of 2
Lead (mg/L)	ARGWC-21	0.001	n/a	9/8/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Lead (mg/L)	ARGWC-22	0.001	n/a	9/10/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Lead (mg/L)	ARGWC-23	0.001	n/a	9/9/2021	0.001ND	No	60	n/a	n/a	85	n/a	n/a	0.0005253	NP Inter (NDs) 1 of 2
Selenium (mg/L)	ARGWC-22	0.005	n/a	9/10/2021	0.002J	No	59	n/a	n/a	62.71	n/a	n/a	0.0005475	NP Inter (NDs) 1 of 2
Silver (mg/L)	ARGWC-21	0.001	n/a	9/8/2021	0.001ND	No	50	n/a	n/a	90	n/a	n/a	0.0007472	NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

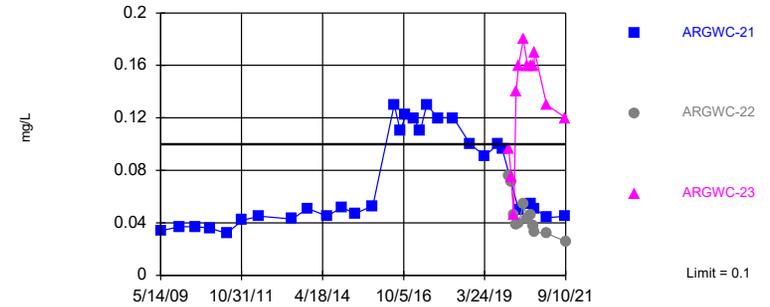


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 60 background values. 85% NDs. Annual per-constituent alpha = 0.003148. Individual comparison alpha = 0.0005253 (1 of 2). Comparing 3 points to limit.

Constituent: Arsenic Analysis Run 11/22/2021 9:48 AM View: Appendix I
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Exceeds Limit: ARGWC-23

Prediction Limit
Interwell Non-parametric

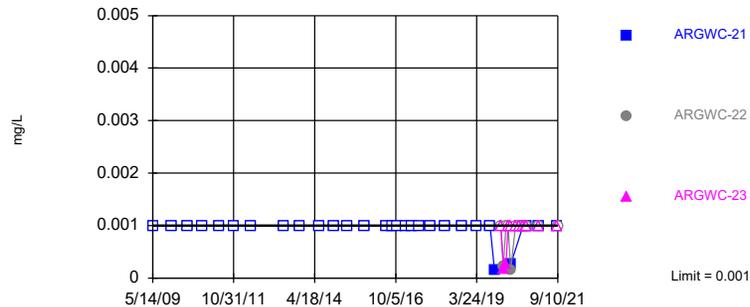


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 60 background values. Annual per-constituent alpha = 0.003148. Individual comparison alpha = 0.0005253 (1 of 2). Comparing 3 points to limit.

Constituent: Barium Analysis Run 11/22/2021 9:48 AM View: Appendix I
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Within Limit

Prediction Limit
Interwell Non-parametric

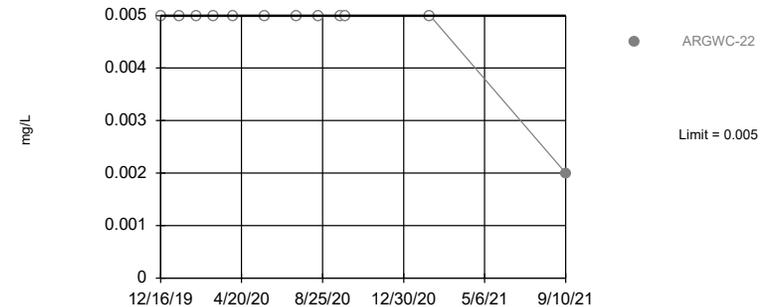


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 60 background values. 85% NDs. Annual per-constituent alpha = 0.003148. Individual comparison alpha = 0.0005253 (1 of 2). Comparing 3 points to limit.

Constituent: Lead Analysis Run 11/22/2021 9:48 AM View: Appendix I
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Within Limit

Prediction Limit
Interwell Non-parametric

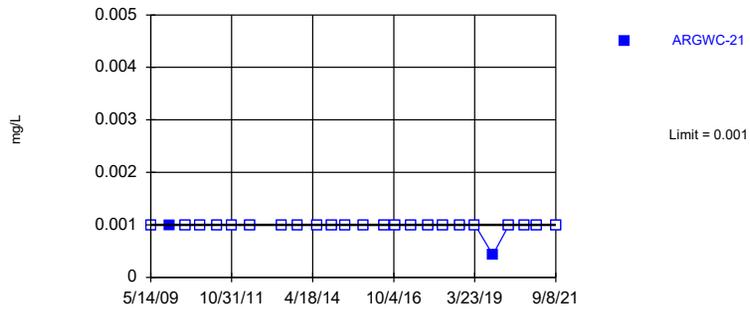


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 59 background values. 62.71% NDs. Annual per-constituent alpha = 0.00328. Individual comparison alpha = 0.0005475 (1 of 2). Assumes 2 future values.

Constituent: Selenium Analysis Run 11/22/2021 9:48 AM View: Appendix I
Plant Arkwright Client: Southern Company Data: Arkwright No 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 50 background values. 90% NDs. Annual per-constituent alpha = 0.004475. Individual comparison alpha = 0.0007472 (1 of 2). Assumes 2 future values.

Constituent: Silver Analysis Run 11/22/2021 9:48 AM View: Appendix I
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 11/22/2021 9:49 AM View: Appendix I

Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWC-21	ARGWA-20 (bg)	ARGWC-22	ARGWC-23
5/5/2009	<0.001				
5/14/2009		0.0022			
5/15/2009			0.0015		
12/5/2009	<0.001	<0.001	<0.001		
6/1/2010	<0.001		<0.001		
6/2/2010		<0.001			
11/11/2010	<0.001	<0.001	<0.001		
5/17/2011	<0.001	<0.001	<0.001		
11/8/2011	<0.001	<0.001	<0.001		
5/16/2012	<0.001	0.002 (J)	<0.001		
5/14/2013	<0.001	<0.001	<0.001		
11/5/2013	<0.001	<0.001	<0.001		
6/9/2014	<0.001	<0.001	<0.001		
11/18/2014		<0.001	<0.001		
11/19/2014	<0.001				
4/14/2015	<0.001	<0.001	<0.001		
10/29/2015		<0.001			
11/4/2015	<0.001		<0.001		
6/22/2016	<0.001		0.00084 (J)		
6/23/2016		0.0011 (J)			
8/29/2016	<0.001		0.00049 (J)		
8/30/2016		0.002			
10/24/2016	<0.001		<0.001		
10/26/2016		0.0019 (J)			
1/25/2017	<0.001	0.0017	<0.001		
4/10/2017	<0.001	0.002	0.00056 (J)		
6/19/2017	<0.001	0.0026			
6/20/2017			0.00068 (J)		
10/24/2017	<0.001	0.0021	<0.001		
4/9/2018			<0.001		
4/10/2018	<0.001	0.0022			
10/16/2018	<0.001	0.0021	<0.001		
3/26/2019	<0.001				
3/27/2019		0.0011 (J)	<0.001		
8/20/2019	0.00036 (J)	0.002	0.00047 (J)		
10/7/2019	<0.001		<0.001		
10/8/2019		0.0012 (J)			
12/16/2019				0.00066 (J)	0.00075 (J)
1/14/2020				0.00038 (J)	0.00042 (J)
2/11/2020				0.0004 (J)	<0.001
3/9/2020				<0.001	<0.001
4/6/2020			0.00042 (J)		
4/7/2020	0.0006 (J)	0.00054 (J)		<0.001	<0.001
5/27/2020				<0.001	<0.001
7/15/2020				<0.001	<0.001
8/19/2020	<0.001		<0.001	<0.001	
8/20/2020					<0.001
8/21/2020		<0.001			
9/22/2020				<0.001	<0.001
9/29/2020	<0.001				
9/30/2020			<0.001	<0.001	
10/1/2020		<0.001			<0.001

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 11/22/2021 9:49 AM View: Appendix I
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWC-21	ARGWA-20 (bg)	ARGWC-22	ARGWC-23
2/9/2021	<0.001		<0.001		
2/10/2021		<0.001		<0.001	<0.001
9/7/2021	<0.001				
9/8/2021		<0.001	<0.001		
9/9/2021					<0.001
9/10/2021				<0.001	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 11/22/2021 9:49 AM View: Appendix I
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWC-21	ARGWA-20 (bg)	ARGWC-22	ARGWC-23
5/5/2009	0.057				
5/14/2009		0.034			
5/15/2009			0.1		
12/5/2009	0.05	0.037	0.079		
6/1/2010	0.037		0.077		
6/2/2010		0.037			
11/11/2010	0.039	0.036	0.072		
5/17/2011	0.037	0.032	0.064		
11/8/2011	0.045	0.042	0.07		
5/16/2012	0.0518	0.0451	0.0741		
5/14/2013	0.067	0.043	0.074		
11/5/2013	0.066	0.051	0.075		
6/9/2014	0.062	0.045	0.08		
11/18/2014		0.052	0.078		
11/19/2014	0.054				
4/14/2015	0.046	0.047	0.073		
10/29/2015		0.053			
11/4/2015	0.046		0.077		
6/22/2016	0.039		0.078		
6/23/2016		0.13			
8/29/2016	0.04		0.07		
8/30/2016		0.11			
10/24/2016	0.0444		0.0738		
10/26/2016		0.122			
1/25/2017	0.045	0.12	0.084		
4/10/2017	0.039	0.11	0.073		
6/19/2017	0.041	0.13			
6/20/2017			0.078		
10/24/2017	0.041	0.12	0.081		
4/9/2018			0.081		
4/10/2018	0.044	0.12			
10/16/2018	0.047	0.1	0.08		
3/26/2019	0.056				
3/27/2019		0.091	0.082		
8/20/2019	0.052	0.1	0.079		
10/7/2019	0.049		0.076		
10/8/2019		0.096			
12/16/2019				0.076	0.096
1/14/2020				0.071	0.075
2/11/2020				0.046	0.046
3/9/2020				0.039	0.14
4/6/2020			0.075		
4/7/2020	0.047	0.05		0.04	0.16
5/27/2020				0.054	0.18
7/15/2020				0.043	0.16
8/19/2020	0.044		0.085	0.046	
8/20/2020					0.16
8/21/2020		0.054			
9/22/2020				0.038	0.16
9/29/2020	0.04				
9/30/2020			0.08	0.033	
10/1/2020		0.051			0.17

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 11/22/2021 9:49 AM View: Appendix I
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWC-21	ARGWA-20 (bg)	ARGWC-22	ARGWC-23
2/9/2021	0.032		0.078		
2/10/2021		0.044		0.032	0.13
9/7/2021	0.03				
9/8/2021		0.045	0.085		
9/9/2021					0.12
9/10/2021				0.026	

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 11/22/2021 9:49 AM View: Appendix I

Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWC-21	ARGWA-20 (bg)	ARGWC-22	ARGWC-23
5/5/2009	<0.001				
5/14/2009		<0.001			
5/15/2009			<0.001		
12/5/2009	<0.001	<0.001	<0.001		
6/1/2010	<0.001		<0.001		
6/2/2010		<0.001			
11/11/2010	<0.001	<0.001	<0.001		
5/17/2011	<0.001	<0.001	<0.001		
11/8/2011	<0.001	<0.001	<0.001		
5/16/2012	<0.001	<0.001	<0.001		
5/14/2013	<0.001	<0.001	<0.001		
11/5/2013	<0.001	<0.001	<0.001		
6/9/2014	<0.001	<0.001	<0.001		
11/18/2014		<0.001	<0.001		
11/19/2014	<0.001				
4/14/2015	<0.001	<0.001	<0.001		
10/29/2015		<0.001			
11/4/2015	<0.001		<0.001		
6/22/2016	<0.001		<0.001		
6/23/2016		<0.001			
8/29/2016	<0.001		<0.001		
8/30/2016		<0.001			
10/24/2016	<0.001		<0.001		
10/26/2016		<0.001			
1/25/2017	<0.001	<0.001	0.00037 (J)		
4/10/2017	<0.001	<0.001	<0.001		
6/19/2017	<0.001	<0.001			
6/20/2017			<0.001		
10/24/2017	<0.001	<0.001	<0.001		
4/9/2018			<0.001		
4/10/2018	<0.001	<0.001			
10/16/2018	<0.001	<0.001	<0.001		
3/26/2019	<0.001				
3/27/2019		<0.001	<0.001		
8/20/2019	<0.001	<0.001	<0.001		
10/7/2019	0.00018 (J)		0.00014 (J)		
10/8/2019		0.00015 (J)			
12/16/2019				<0.001	<0.001
1/14/2020				0.00022 (J)	0.00018 (J)
2/11/2020				<0.001	0.00026 (J)
3/9/2020				<0.001	<0.001
4/6/2020			0.00033 (J)		
4/7/2020	0.00037 (J)	0.00026 (J)		0.00014 (J)	<0.001
5/27/2020				<0.001	<0.001
7/15/2020				<0.001	<0.001
8/19/2020	<0.001		0.00039 (J)	<0.001	
8/20/2020					<0.001
8/21/2020		<0.001			
9/22/2020				<0.001	<0.001
9/29/2020	<0.001				
9/30/2020			0.00022 (J)	<0.001	
10/1/2020		<0.001			<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 11/22/2021 9:49 AM View: Appendix I
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWC-21	ARGWA-20 (bg)	ARGWC-22	ARGWC-23
2/9/2021	<0.001		0.00033 (J)		
2/10/2021		<0.001		<0.001	<0.001
9/7/2021	<0.001				
9/8/2021		<0.001	0.00024 (J)		
9/9/2021					<0.001
9/10/2021				<0.001	

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 11/22/2021 9:49 AM View: Appendix I

Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWA-20 (bg)	ARGWC-22
5/5/2009	0.0043		
5/15/2009		0.007 (o)	
12/5/2009	<0.005	<0.005	
6/1/2010	<0.005	<0.005	
11/11/2010	<0.005	<0.005	
5/17/2011	<0.005	<0.005	
11/8/2011	<0.005	<0.005	
5/16/2012	<0.005	0.0024 (J)	
5/14/2013	<0.005	<0.005	
11/5/2013	<0.005	<0.005	
6/9/2014	<0.005	<0.005	
11/18/2014		<0.005	
11/19/2014	<0.005		
4/14/2015	<0.005	<0.005	
11/4/2015	<0.005	<0.005	
6/22/2016	0.00025 (J)	0.0019	
8/29/2016	0.0004 (J)	0.0019	
10/24/2016	<0.005	0.0023 (J)	
1/25/2017	<0.005	0.0015	
4/10/2017	<0.005	0.0011 (J)	
6/19/2017	0.00025 (J)		
6/20/2017		0.0016	
10/24/2017	<0.005	0.0012 (J)	
4/9/2018		0.0012 (J)	
4/10/2018	0.00074 (J)		
10/16/2018	<0.005	0.0015	
3/26/2019	<0.005		
3/27/2019		0.0015	
8/20/2019	<0.005	0.0015 (J)	
10/7/2019	<0.005	0.0016 (J)	
12/16/2019			<0.005
1/14/2020			<0.005
2/11/2020			<0.005
3/9/2020			<0.005
4/6/2020		0.0017 (J)	
4/7/2020	<0.005		<0.005
5/27/2020			<0.005
7/15/2020			<0.005
8/19/2020	<0.005	0.0015 (J)	<0.005
9/22/2020			<0.005
9/29/2020	<0.005		
9/30/2020		0.0016 (J)	<0.005
2/9/2021	<0.005	0.0016 (J)	
2/10/2021			<0.005
9/7/2021	<0.005		
9/8/2021		<0.005	
9/10/2021			0.002 (J)

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 11/22/2021 9:49 AM View: Appendix I

Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWC-21	ARGWA-20 (bg)
5/5/2009	<0.001		
5/14/2009		<0.001	
5/15/2009			<0.001
12/5/2009	0.00075	0.001	0.00043
6/1/2010	<0.001		<0.001
6/2/2010		<0.001	
11/11/2010	<0.001	<0.001	<0.001
5/17/2011	<0.001	<0.001	<0.001
11/8/2011	<0.001	<0.001	<0.001
5/16/2012	<0.001	<0.001	<0.001
5/14/2013	<0.001	<0.001	<0.001
11/5/2013	<0.001	<0.001	<0.001
6/9/2014	<0.001	<0.001	<0.001
11/18/2014		<0.001	<0.001
11/19/2014	<0.001		
4/14/2015	<0.001	<0.001	<0.001
10/29/2015		<0.001	
11/4/2015	<0.001		<0.001
6/22/2016	<0.001		<0.001
6/23/2016		<0.001	
10/24/2016	<0.001		<0.001
10/26/2016		<0.001	
4/10/2017	<0.001	<0.001	<0.001
10/24/2017	<0.001	<0.001	<0.001
4/9/2018			<0.001
4/10/2018	<0.001	<0.001	
10/16/2018	<0.001	<0.001	<0.001
3/26/2019	<0.001		
3/27/2019		<0.001	<0.001
10/7/2019	0.00056 (J)		0.00031 (J)
10/8/2019		0.00043 (J)	
4/6/2020			<0.001
4/7/2020	0.00018 (J)	<0.001	
9/29/2020	<0.001		
9/30/2020			<0.001
10/1/2020		<0.001	
2/9/2021	<0.001		<0.001
2/10/2021		<0.001	
9/7/2021	<0.001		
9/8/2021		<0.001	<0.001

FIGURE E.

Appendix III - Interwell Prediction Limit - Significant Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:14 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	ARGWC-21	0.08129	n/a	9/8/2021	0.79	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Boron (mg/L)	ARGWC-22	0.08129	n/a	9/10/2021	2.7	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Boron (mg/L)	ARGWC-23	0.08129	n/a	9/9/2021	0.41	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-21	14.37	n/a	9/8/2021	81	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-22	14.37	n/a	9/10/2021	200	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-23	14.37	n/a	9/9/2021	70	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Fluoride (mg/L)	ARGWC-21	0.14	n/a	9/8/2021	0.16	Yes	34	n/a	n/a	50	n/a	n/a	0.001574	NP Inter (normality) 1 of 2
Fluoride (mg/L)	ARGWC-23	0.14	n/a	9/9/2021	0.48	Yes	34	n/a	n/a	50	n/a	n/a	0.001574	NP Inter (normality) 1 of 2
pH (SU)	ARGWC-23	6.088	5.431	9/9/2021	6.35	Yes	33	5.76	0.1845	0	None	No	0.001253	Param Inter 1 of 2
Sulfate (mg/L)	ARGWC-21	21	n/a	9/8/2021	230	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Sulfate (mg/L)	ARGWC-22	21	n/a	9/10/2021	760	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Sulfate (mg/L)	ARGWC-23	21	n/a	9/9/2021	72	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-21	148.7	n/a	9/8/2021	560	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-22	148.7	n/a	9/10/2021	1300	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-23	148.7	n/a	9/9/2021	320	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2

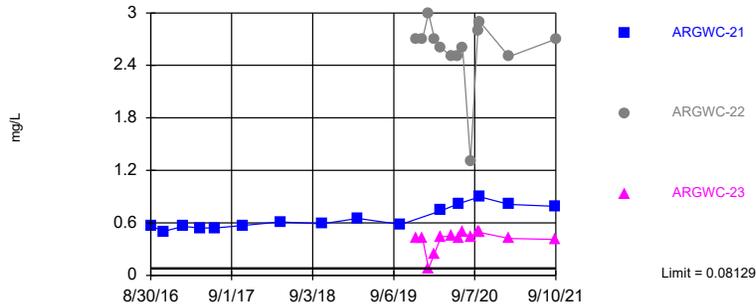
Appendix III - Interwell Prediction Limit - All Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:14 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	ARGWC-21	0.08129	n/a	9/8/2021	0.79	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Boron (mg/L)	ARGWC-22	0.08129	n/a	9/10/2021	2.7	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Boron (mg/L)	ARGWC-23	0.08129	n/a	9/9/2021	0.41	Yes	30	0.04327	0.02119	33.33	Kaplan-Meier	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-21	14.37	n/a	9/8/2021	81	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-22	14.37	n/a	9/10/2021	200	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Calcium (mg/L)	ARGWC-23	14.37	n/a	9/9/2021	70	Yes	30	10.82	1.98	0	None	No	0.002505	Param Inter 1 of 2
Chloride (mg/L)	ARGWC-21	16.2	n/a	9/8/2021	4	No	56	n/a	n/a	0	n/a	n/a	0.000614	NP Inter (normality) 1 of 2
Chloride (mg/L)	ARGWC-22	16.2	n/a	9/10/2021	6.7	No	56	n/a	n/a	0	n/a	n/a	0.000614	NP Inter (normality) 1 of 2
Chloride (mg/L)	ARGWC-23	16.2	n/a	9/9/2021	4.7	No	56	n/a	n/a	0	n/a	n/a	0.000614	NP Inter (normality) 1 of 2
Fluoride (mg/L)	ARGWC-21	0.14	n/a	9/8/2021	0.16	Yes	34	n/a	n/a	50	n/a	n/a	0.001574	NP Inter (normality) 1 of 2
Fluoride (mg/L)	ARGWC-22	0.14	n/a	9/10/2021	0.035J	No	34	n/a	n/a	50	n/a	n/a	0.001574	NP Inter (normality) 1 of 2
Fluoride (mg/L)	ARGWC-23	0.14	n/a	9/9/2021	0.48	Yes	34	n/a	n/a	50	n/a	n/a	0.001574	NP Inter (normality) 1 of 2
pH (SU)	ARGWC-21	6.088	5.431	9/8/2021	5.94	No	33	5.76	0.1845	0	None	No	0.001253	Param Inter 1 of 2
pH (SU)	ARGWC-22	6.088	5.431	9/10/2021	5.62	No	33	5.76	0.1845	0	None	No	0.001253	Param Inter 1 of 2
pH (SU)	ARGWC-23	6.088	5.431	9/9/2021	6.35	Yes	33	5.76	0.1845	0	None	No	0.001253	Param Inter 1 of 2
Sulfate (mg/L)	ARGWC-21	21	n/a	9/8/2021	230	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Sulfate (mg/L)	ARGWC-22	21	n/a	9/10/2021	760	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Sulfate (mg/L)	ARGWC-23	21	n/a	9/9/2021	72	Yes	55	n/a	n/a	0	n/a	n/a	0.0006362	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-21	148.7	n/a	9/8/2021	560	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-22	148.7	n/a	9/10/2021	1300	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2
Total Dissolved Solids (mg/L)	ARGWC-23	148.7	n/a	9/9/2021	320	Yes	28	110.1	21.28	0	None	No	0.002505	Param Inter 1 of 2

Exceeds Limit: ARGWC-21, ARGWC-22, ARGWC-23

Prediction Limit Interwell Parametric

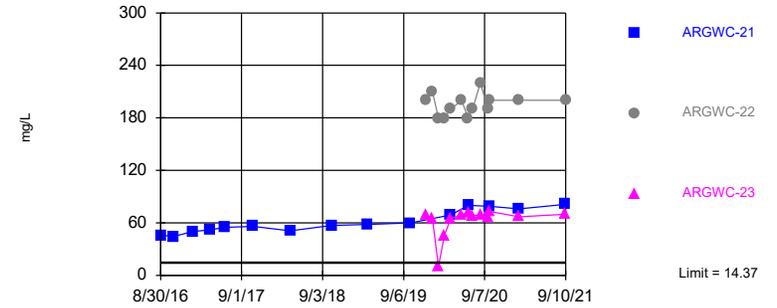


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.04327, Std. Dev.=0.02119, n=30, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.9. Kappa = 1.794 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Boron Analysis Run 1/28/2022 11:13 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Exceeds Limit: ARGWC-21, ARGWC-22, ARGWC-23

Prediction Limit Interwell Parametric

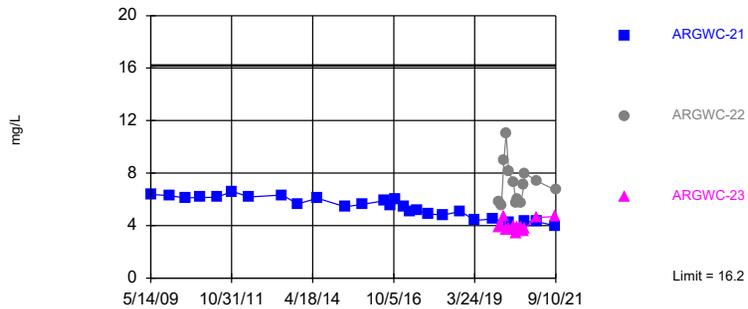


Background Data Summary: Mean=10.82, Std. Dev.=1.98, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9197, critical = 0.9. Kappa = 1.794 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Calcium Analysis Run 1/28/2022 11:13 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Within Limit

Prediction Limit Interwell Non-parametric



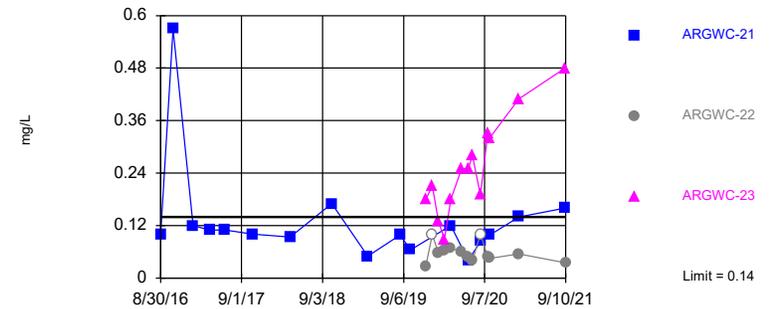
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 56 background values. Annual per-constituent alpha = 0.003678. Individual comparison alpha = 0.000614 (1 of 2). Comparing 3 points to limit.

Constituent: Chloride Analysis Run 1/28/2022 11:13 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Hollow symbols indicate censored values.

Exceeds Limit: ARGWC-21, ARGWC-23

Prediction Limit Interwell Non-parametric

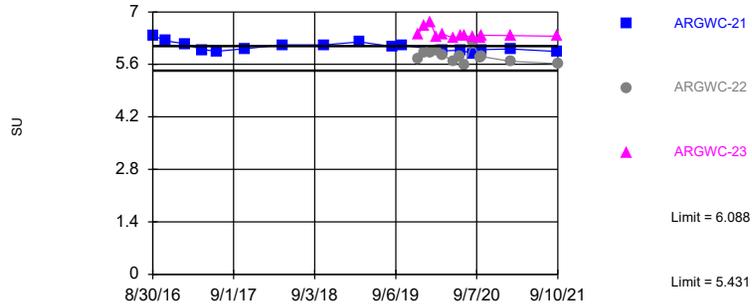


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 50% NDs. Annual per-constituent alpha = 0.009408. Individual comparison alpha = 0.001574 (1 of 2). Comparing 3 points to limit.

Constituent: Fluoride Analysis Run 1/28/2022 11:13 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Exceeds Limits: ARGWC-23

Prediction Limit
Interwell Parametric

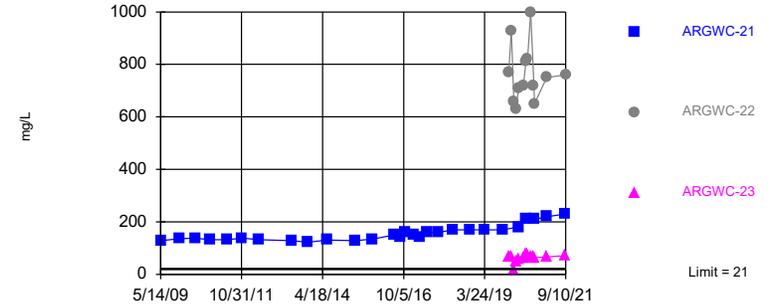


Background Data Summary: Mean=5.76, Std. Dev.=0.1845, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.957, critical = 0.906. Kappa = 1.78 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001253. Comparing 3 points to limit.

Constituent: pH Analysis Run 1/28/2022 11:13 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Exceeds Limit: ARGWC-21, ARGWC-22, ARGWC-23

Prediction Limit
Interwell Non-parametric

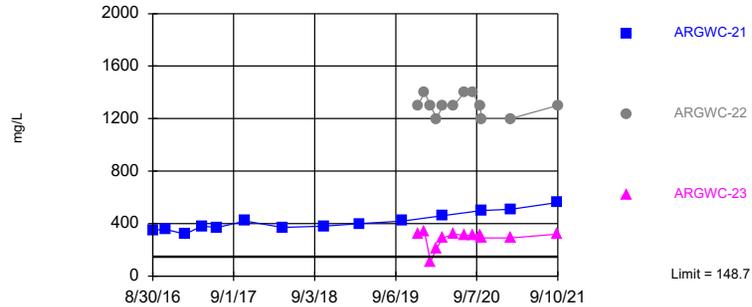


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 55 background values. Annual per-constituent alpha = 0.003811. Individual comparison alpha = 0.0006362 (1 of 2). Comparing 3 points to limit.

Constituent: Sulfate Analysis Run 1/28/2022 11:13 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Exceeds Limit: ARGWC-21, ARGWC-22, ARGWC-23

Prediction Limit
Interwell Parametric



Background Data Summary: Mean=110.1, Std. Dev.=21.28, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9525, critical = 0.896. Kappa = 1.81 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 3 points to limit.

Constituent: Total Dissolved Solids Analysis Run 1/28/2022 11:13 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/28/2022 11:14 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWA-20 (bg)	ARGWC-21	ARGWC-22	ARGWC-23
8/29/2016	0.024 (J)	<0.08			
8/30/2016			0.57		
10/24/2016	0.0339 (J)	0.0194 (J)			
10/26/2016			0.502		
1/25/2017	0.048 (J)	0.026 (J)	0.56		
4/10/2017	0.022 (J)	<0.08	0.54		
6/19/2017	<0.08		0.54		
6/20/2017		0.032 (J)			
10/24/2017	0.021 (J)	0.054	0.57		
4/9/2018		0.06			
4/10/2018	0.022 (J)		0.61		
10/16/2018	<0.08	0.036 (J)	0.59		
3/26/2019	<0.08				
3/27/2019		0.046 (J)	0.65		
10/7/2019	<0.08	<0.08			
10/8/2019			0.58		
12/16/2019				2.7	0.42
1/14/2020				2.7	0.43
2/11/2020				3	0.079 (J)
3/9/2020				2.7	0.25
4/6/2020		0.063 (J)			
4/7/2020	0.072 (J)		0.74	2.6	0.44
5/27/2020				2.5	0.45
6/24/2020				2.5	
6/25/2020	0.091	0.081	0.82		0.42
7/15/2020				2.6	0.49
8/19/2020				1.3	
8/20/2020					0.44
9/22/2020				2.8	0.5
9/29/2020	<0.08				
9/30/2020		0.083		2.9	
10/1/2020			0.9		0.49
2/9/2021	<0.08	0.059 (J)			
2/10/2021			0.81	2.5	0.42
9/7/2021	<0.08				
9/8/2021		0.064 (J)	0.79		
9/9/2021					0.41
9/10/2021				2.7	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/28/2022 11:14 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWA-20 (bg)	ARGWC-21	ARGWC-22	ARGWC-23
8/29/2016	11	8.3			
8/30/2016			46		
10/24/2016	11.5	7.66			
10/26/2016			44.3		
1/25/2017	13	9.4	50		
4/10/2017	11	8.6	52		
6/19/2017	12		55		
6/20/2017		9.4			
10/24/2017	12	9.9	56		
4/9/2018		9.9			
4/10/2018	12		51		
10/16/2018	14	9.8	57		
3/26/2019	15				
3/27/2019		9.2	58		
10/7/2019	14	8.9			
10/8/2019			60		
12/16/2019				200	69
1/14/2020				210	65
2/11/2020				180	10
3/9/2020				180	46
4/6/2020		9.5			
4/7/2020	14		69	190	65
5/27/2020				200	69
6/24/2020				180	
6/25/2020	14	9.6	80		72
7/15/2020				190	68
8/19/2020				220	
8/20/2020					69
9/22/2020				190	66
9/29/2020	12				
9/30/2020		9.9		200	
10/1/2020			79		73
2/9/2021	9.7	9.2			
2/10/2021			76	200	67
9/7/2021	9.2				
9/8/2021		11	81		
9/9/2021					70
9/10/2021				200	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/28/2022 11:14 AM View: Appendix III - Interwell
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWC-21	ARGWA-20 (bg)	ARGWC-22	ARGWC-23
5/5/2009	11.1				
5/14/2009		6.38			
5/15/2009			6.86		
12/5/2009	9.46	6.28	5.06		
6/1/2010	6.32		5.47		
6/2/2010		6.1			
11/11/2010	7.16	6.1461	5.26		
5/17/2011	6.84	6.17	4.8		
11/8/2011	9.13	6.6	5.62		
5/16/2012	10.8	6.18	5.1		
5/14/2013	16.2	6.32	5.25		
11/5/2013	14.8	5.65	5.19		
6/9/2014	13.6	6.08	5.55		
4/14/2015	10.4	5.43	5.39		
10/29/2015		5.62			
11/4/2015	9.19		5.38		
6/22/2016	8.4		5.7		
6/23/2016		5.9			
8/29/2016	8.4		5.3		
8/30/2016		5.5			
10/24/2016	9.6		5.4		
10/26/2016		6			
1/25/2017	8.7	5.4	5.1		
4/10/2017	8	5.1	4.9		
6/19/2017	7.6	5.2			
6/20/2017			5		
10/24/2017	7.2	4.9	4.6		
4/9/2018			4.7		
4/10/2018	7.2	4.8			
10/16/2018	10	5.1	5.3		
3/26/2019	12				
3/27/2019		4.4	4.6		
10/7/2019	11		5.2		
10/8/2019		4.5			
12/16/2019				5.8	3.9
1/14/2020				5.5	4
2/11/2020				9	4.7
3/9/2020				11	3.7
4/6/2020			5.2		
4/7/2020	11	4.2		8.1	3.8
5/27/2020				7.3	4
6/24/2020				5.7	
6/25/2020	11	3.7	5.1		3.4
7/15/2020				6	3.9
8/19/2020				5.7	
8/20/2020					3.9
9/22/2020				7.1	3.6
9/29/2020	10				
9/30/2020			5.6	8	
10/1/2020		4.3			3.8
2/9/2021	8.6		6		
2/10/2021		4.3		7.4	4.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/28/2022 11:14 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWC-21	ARGWA-20 (bg)	ARGWC-22	ARGWC-23
9/7/2021	7.4				
9/8/2021		4	5.9		
9/9/2021					4.7
9/10/2021				6.7	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/28/2022 11:14 AM View: Appendix III - Interwell
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWA-20 (bg)	ARGWC-21	ARGWC-23	ARGWC-22
8/29/2016	<0.1	<0.1			
8/30/2016			0.099 (J)		
10/24/2016	0.07 (J)	0.04 (J)			
10/26/2016			0.57		
1/25/2017	<0.1	<0.1	0.12 (J)		
4/10/2017	<0.1	<0.1	0.11 (J)		
6/19/2017	<0.1		0.11 (J)		
6/20/2017		<0.1			
10/24/2017	<0.1	<0.1	0.1 (J)		
4/9/2018		<0.1			
4/10/2018	<0.1		0.094 (J)		
10/16/2018	0.083 (J)	<0.1	0.17 (J)		
3/26/2019	0.041 (J)				
3/27/2019		<0.1	0.05 (J)		
8/20/2019	0.045 (J)	0.042 (J)	0.098 (J)		
10/7/2019	0.049 (J)	0.036 (J)			
10/8/2019			0.065 (J)		
12/16/2019				0.18 (J)	0.026 (J)
1/14/2020				0.21	<0.1
2/11/2020				0.13	0.056
3/9/2020				0.089 (J)	0.064 (J)
4/6/2020		0.059 (J)			
4/7/2020	0.14		0.12	0.18	0.068 (J)
5/27/2020				0.25	0.06 (J)
6/24/2020					0.048 (J)
6/25/2020	0.03 (J)	<0.1	0.041 (J)	0.25	
7/15/2020				0.28	0.04 (J)
8/19/2020	<0.1	<0.1			<0.1
8/20/2020				0.19	
8/21/2020			0.084 (J)		
9/22/2020				0.33	0.049 (J)
9/29/2020	0.051 (J)				
9/30/2020		0.032 (J)			0.045 (J)
10/1/2020			0.098 (J)	0.32	
2/9/2021	0.059 (J)	0.048 (J)			
2/10/2021			0.14	0.41	0.055 (J)
9/7/2021	0.1				
9/8/2021		0.067 (J)	0.16		
9/9/2021				0.48	
9/10/2021					0.035 (J)

Prediction Limit

Constituent: pH (SU) Analysis Run 1/28/2022 11:14 AM View: Appendix III - Interwell
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-20 (bg)	ARGWC-21	ARGWA-19 (bg)	ARGWC-23	ARGWC-22
8/29/2016	5.64		6.75 (o)		
8/30/2016		6.38			
10/24/2016	5.6		5.81		
10/26/2016		6.23			
1/25/2017	5.65	6.15	5.91		
4/10/2017	5.42	5.99	5.74		
6/19/2017		5.95	5.54		
6/20/2017	5.59				
10/24/2017	5.58	6.02	5.82		
4/9/2018	5.78				
4/10/2018		6.12	5.92		
10/16/2018	5.69	6.12	5.94		
3/26/2019			5.85		
3/27/2019	5.96	6.2			
8/20/2019	5.57	6.08	5.9		
10/7/2019	5.65		5.89		
10/8/2019		6.11			
12/16/2019				6.41	5.74
1/14/2020				6.62	5.91
2/11/2020				6.71	5.9
3/9/2020				6.32	5.97
4/6/2020	5.53				
4/7/2020		5.96	5.72	6.4	5.84
5/27/2020				6.3	5.69
6/24/2020					5.82
6/25/2020	5.61	5.98	5.8	6.37	
7/15/2020				6.36	5.58
8/19/2020	6.16		6.25		6.21
8/20/2020				6.33	
8/21/2020		5.89			
9/22/2020				6.29	5.77
9/29/2020			5.83		
9/30/2020	5.65				5.81
10/1/2020		5.99		6.38	
2/9/2021	5.66		5.97		
2/10/2021		6.01		6.37	5.68
9/7/2021			5.85		
9/8/2021	5.59	5.94			
9/9/2021				6.35	
9/10/2021					5.62

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/28/2022 11:14 AM View: Appendix III - Interwell
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWC-21	ARGWA-20 (bg)	ARGWC-22	ARGWC-23
5/5/2009	15.9				
5/14/2009		129			
5/15/2009			41.3 (o)		
12/5/2009	15.1	136	16.2		
6/1/2010	12.7		18.2		
6/2/2010		138			
11/11/2010	11.5	131.49	16.5		
5/17/2011	11.2	132	16		
11/8/2011	11.3	138	21		
5/16/2012	9.38	132	17.7		
5/14/2013	8.74	129	19.5		
11/5/2013	9.12	122	18.3		
6/9/2014	8.61	131	18.6		
4/14/2015	8.45	128	18.8		
10/29/2015		134			
11/4/2015	9.01		17.4		
6/22/2016	9.3		18		
6/23/2016		150			
8/29/2016	8.7		18		
8/30/2016		140			
10/24/2016	9.3		18		
10/26/2016		160			
1/25/2017	8.8	150	19		
4/10/2017	7.8	140	16		
6/19/2017	8.6	160			
6/20/2017			18		
10/24/2017	9.1	160	19		
4/9/2018			18		
4/10/2018	7.9	170			
10/16/2018	8.2	170	18		
3/26/2019	6.1				
3/27/2019		170	15		
10/7/2019	7.4		17		
10/8/2019		170			
12/16/2019				770	66
1/14/2020				930	68
2/11/2020				660	18
3/9/2020				630	49
4/6/2020			15		
4/7/2020	8.4	180		710	58
5/27/2020				720	65
6/24/2020				810	
6/25/2020	9.8	210	16		77
7/15/2020				820	78
8/19/2020				1000	
8/20/2020					69
9/22/2020				720	68
9/29/2020	8.4				
9/30/2020			15	650	
10/1/2020		210			64
2/9/2021	10		16		
2/10/2021		220		750	67

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/28/2022 11:14 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWC-21	ARGWA-20 (bg)	ARGWC-22	ARGWC-23
9/7/2021	9.9				
9/8/2021		230	16		
9/9/2021					72
9/10/2021				760	

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/28/2022 11:14 AM View: Appendix III - Interwell
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWA-19 (bg)	ARGWA-20 (bg)	ARGWC-21	ARGWC-23	ARGWC-22
8/29/2016	130	100			
8/30/2016			350		
10/24/2016	108	91			
10/26/2016			357		
1/25/2017	120	90	320		
4/10/2017	128 (D)	110	380		
6/19/2017	86		370		
6/20/2017		72			
10/24/2017	120	110	420		
4/9/2018		100			
4/10/2018	120		370		
10/16/2018	140	110	380		
3/26/2019	170				
3/27/2019		100	400		
10/7/2019	150	87			
10/8/2019			420		
12/16/2019				320	1300
1/14/2020				340	1400
2/11/2020				110	1300
3/9/2020				210	1200
4/6/2020		90			
4/7/2020	120		460	290	1300
5/27/2020				320	1300
7/15/2020				310	1400
8/19/2020					1400
8/20/2020				310	
9/22/2020				310	1300
9/29/2020	110				
9/30/2020		82			1200
10/1/2020			500	290	
2/9/2021	110	100			
2/10/2021			510	290	1200
9/7/2021	110				
9/8/2021		120	560		
9/9/2021				320	
9/10/2021					1300

FIGURE F.

Appendix I & III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:18 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	ARGWA-20 (bg)	0.009146	64	53	Yes	15	20	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWC-21	0.06178	73	53	Yes	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWC-21	7.3	91	53	Yes	15	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	ARGWC-23	0.2088	54	43	Yes	13	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWA-19 (bg)	-0.3001	-168	-131	Yes	28	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWC-21	7.02	275	131	Yes	28	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWC-21	37.02	74	48	Yes	14	0	n/a	n/a	0.01	NP

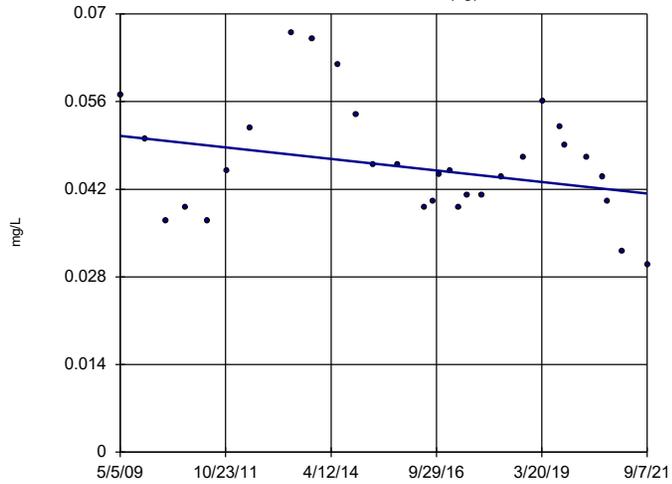
Appendix I & III Trend Tests - Prediction Limit Exceedances - All Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:18 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	ARGWA-19 (bg)	-0.0007464	-77	-146	No	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	ARGWA-20 (bg)	0.0006685	125	146	No	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	ARGWC-23	0.04078	16	38	No	12	0	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWA-19 (bg)	0.002522	33	53	No	15	46.67	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWA-20 (bg)	0.009146	64	53	Yes	15	20	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWC-21	0.06178	73	53	Yes	15	0	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWC-22	-0.1108	-12	-43	No	13	0	n/a	n/a	0.01	NP
Boron (mg/L)	ARGWC-23	0.07009	19	43	No	13	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWA-19 (bg)	0	10	53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWA-20 (bg)	0.3114	42	53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWC-21	7.3	91	53	Yes	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWC-22	0	14	43	No	13	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ARGWC-23	3.936	28	43	No	13	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	ARGWA-19 (bg)	-3.7e-10	-22	-63	No	17	41.18	n/a	n/a	0.01	NP
Fluoride (mg/L)	ARGWA-20 (bg)	0	-33	-63	No	17	58.82	n/a	n/a	0.01	NP
Fluoride (mg/L)	ARGWC-21	-0.00371	-19	-63	No	17	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	ARGWC-23	0.2088	54	43	Yes	13	0	n/a	n/a	0.01	NP
pH (SU)	ARGWA-19 (bg)	0.01815	23	58	No	16	0	n/a	n/a	0.01	NP
pH (SU)	ARGWA-20 (bg)	0.005561	16	63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	ARGWC-23	-0.04841	-27	-43	No	13	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWA-19 (bg)	-0.3001	-168	-131	Yes	28	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWA-20 (bg)	-0.1824	-108	-124	No	27	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWC-21	7.02	275	131	Yes	28	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWC-22	33.01	7	43	No	13	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	ARGWC-23	8.404	23	43	No	13	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWA-19 (bg)	0	-6	-48	No	14	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWA-20 (bg)	0	1	48	No	14	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWC-21	37.02	74	48	Yes	14	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWC-22	0	-11	-38	No	12	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	ARGWC-23	0	-1	-38	No	12	0	n/a	n/a	0.01	NP

Sen's Slope Estimator

ARGWA-19 (bg)

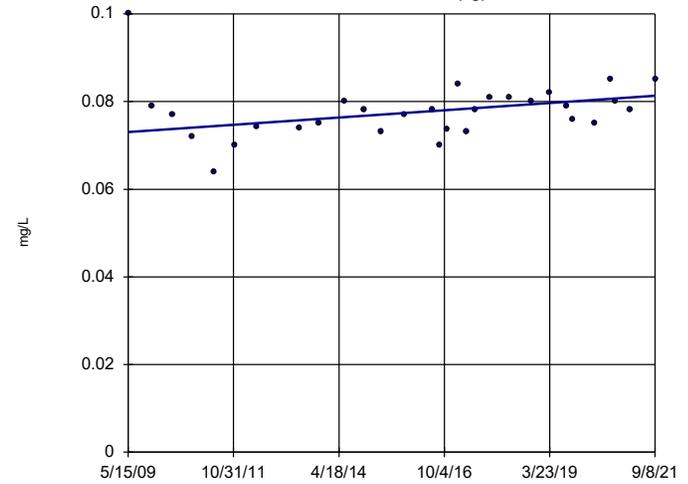


n = 30
 Slope = -0.0007464
 units per year.
 Mann-Kendall
 statistic = -77
 critical = -146
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWA-20 (bg)

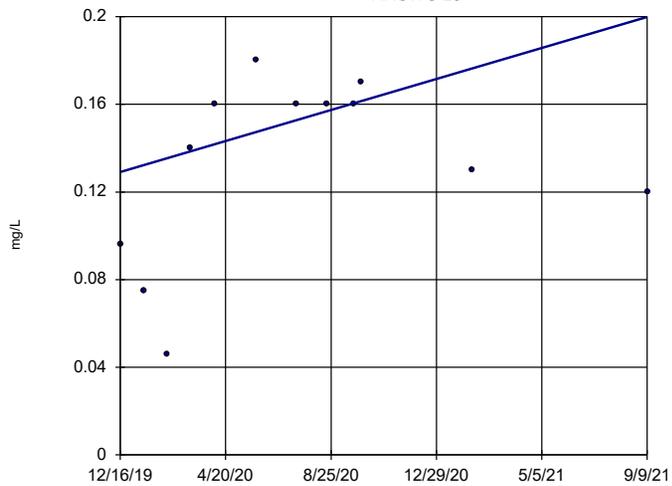


n = 30
 Slope = 0.0006685
 units per year.
 Mann-Kendall
 statistic = 125
 critical = 146
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWC-23

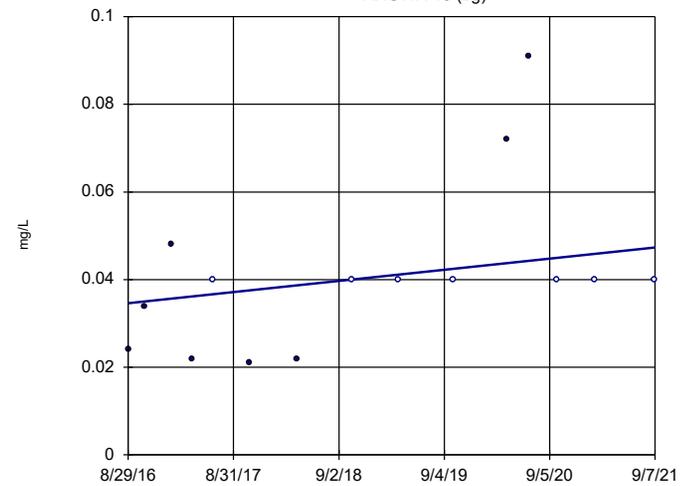


n = 12
 Slope = 0.04078
 units per year.
 Mann-Kendall
 statistic = 16
 critical = 38
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWA-19 (bg)

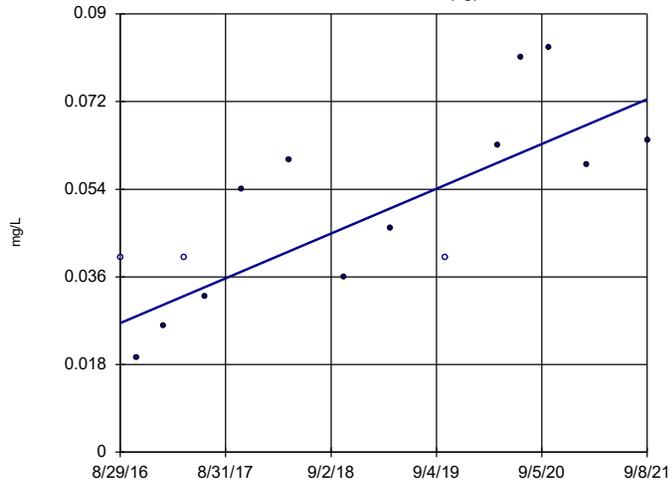


n = 15
 Slope = 0.002522
 units per year.
 Mann-Kendall
 statistic = 33
 critical = 53
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Boron Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWA-20 (bg)

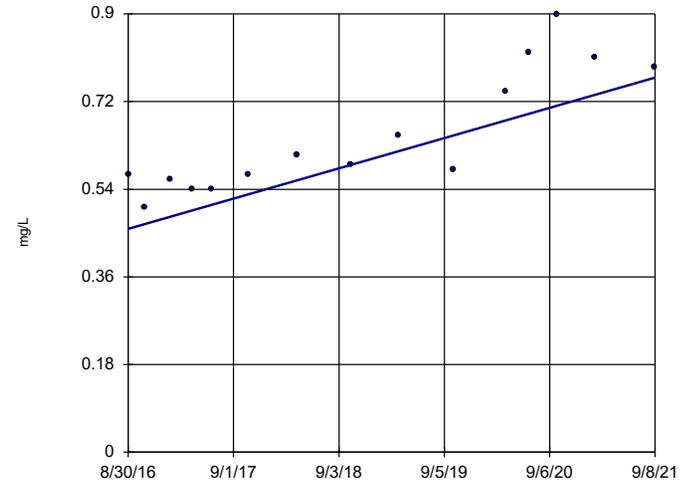


n = 15
 Slope = 0.009146
 units per year.
 Mann-Kendall
 statistic = 64
 critical = 53
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Boron Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWC-21

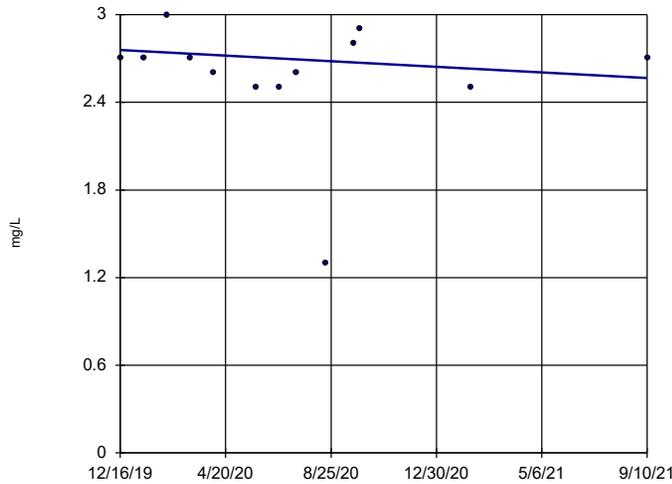


n = 15
 Slope = 0.06178
 units per year.
 Mann-Kendall
 statistic = 73
 critical = 53
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Boron Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWC-22

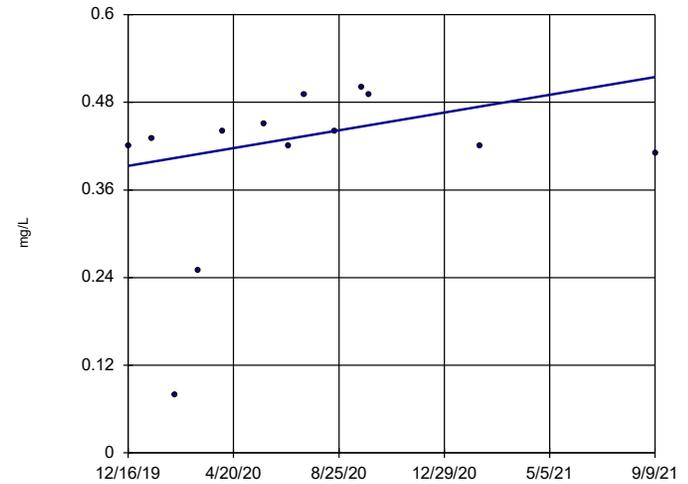


n = 13
 Slope = -0.1108
 units per year.
 Mann-Kendall
 statistic = -12
 critical = -43
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Boron Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

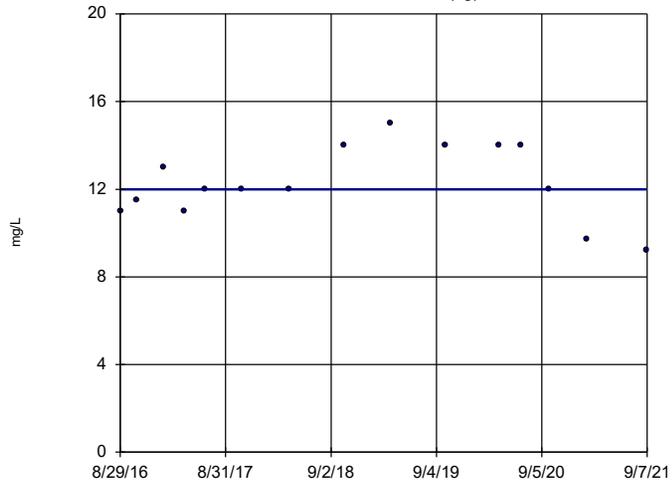
ARGWC-23



n = 13
 Slope = 0.07009
 units per year.
 Mann-Kendall
 statistic = 19
 critical = 43
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Boron Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

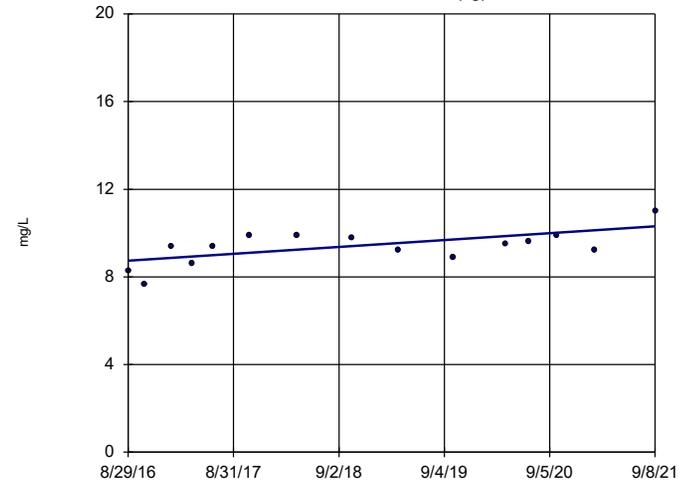
Sen's Slope Estimator
ARGWA-19 (bg)



n = 15
Slope = 0
units per year.
Mann-Kendall
statistic = 10
critical = 53
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 1/28/2022 11:17 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

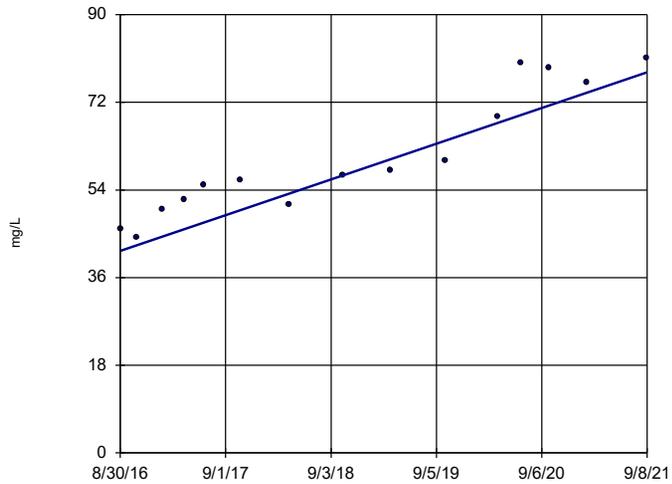
Sen's Slope Estimator
ARGWA-20 (bg)



n = 15
Slope = 0.3114
units per year.
Mann-Kendall
statistic = 42
critical = 53
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 1/28/2022 11:17 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

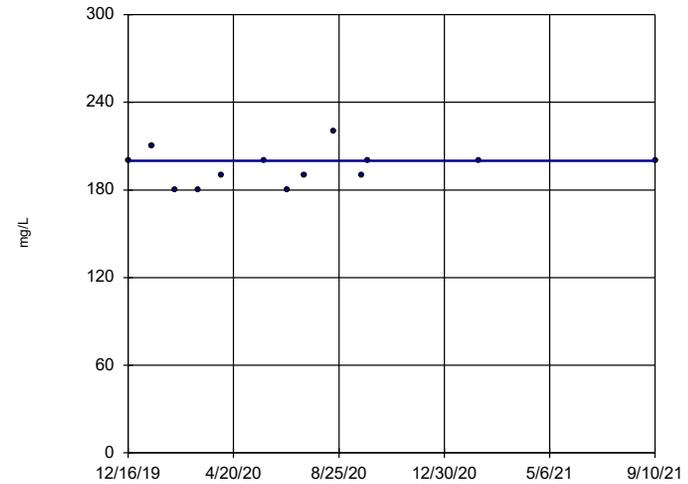
Sen's Slope Estimator
ARGWC-21



n = 15
Slope = 7.3
units per year.
Mann-Kendall
statistic = 91
critical = 53
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 1/28/2022 11:17 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator
ARGWC-22

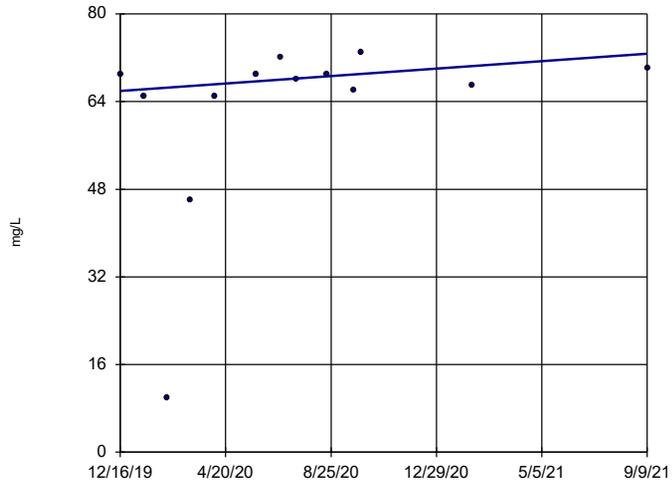


n = 13
Slope = 0
units per year.
Mann-Kendall
statistic = 14
critical = 43
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 1/28/2022 11:17 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWC-23

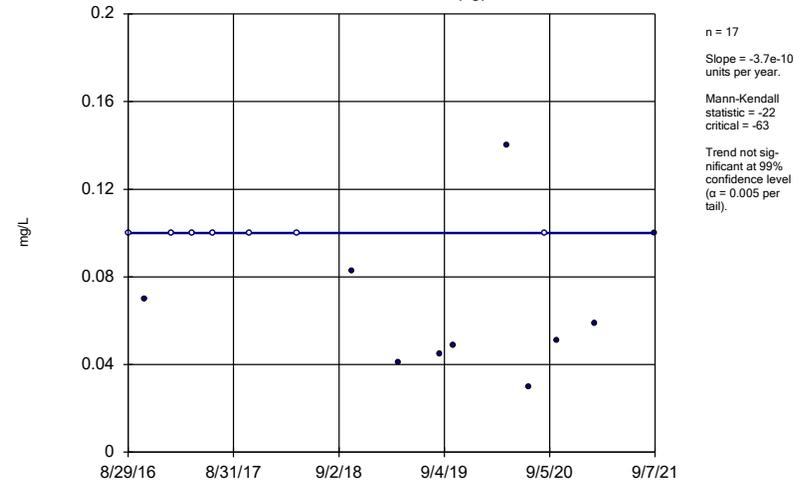


Constituent: Calcium Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Hollow symbols indicate censored values.

Sen's Slope Estimator

ARGWA-19 (bg)

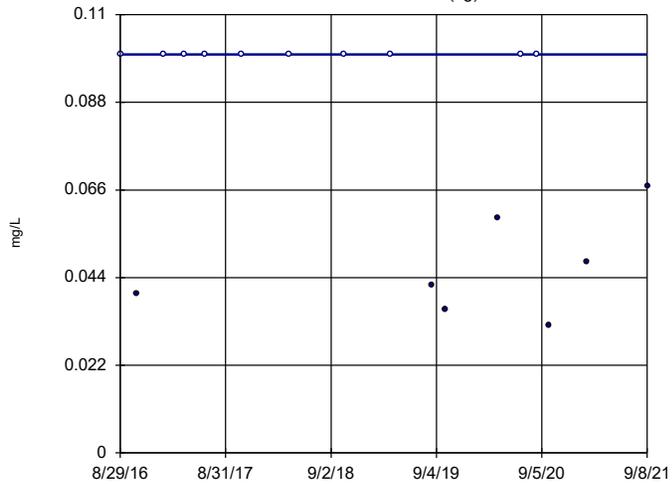


Constituent: Fluoride Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Hollow symbols indicate censored values.

Sen's Slope Estimator

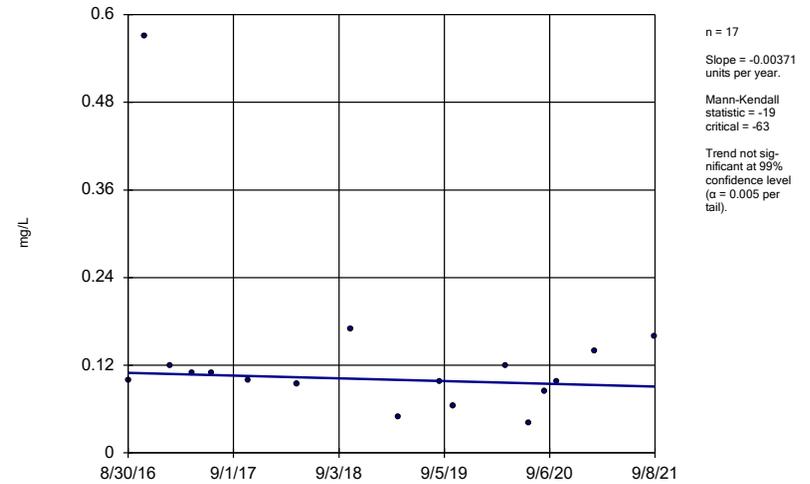
ARGWA-20 (bg)



Constituent: Fluoride Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

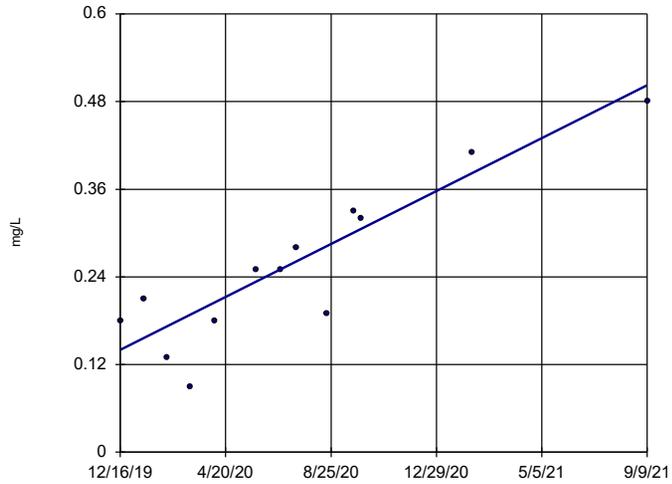
Sen's Slope Estimator

ARGWC-21



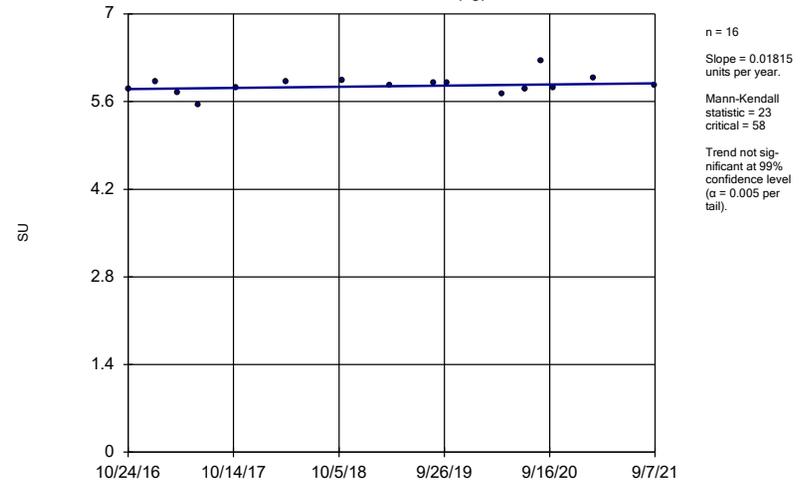
Constituent: Fluoride Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator
ARGWC-23



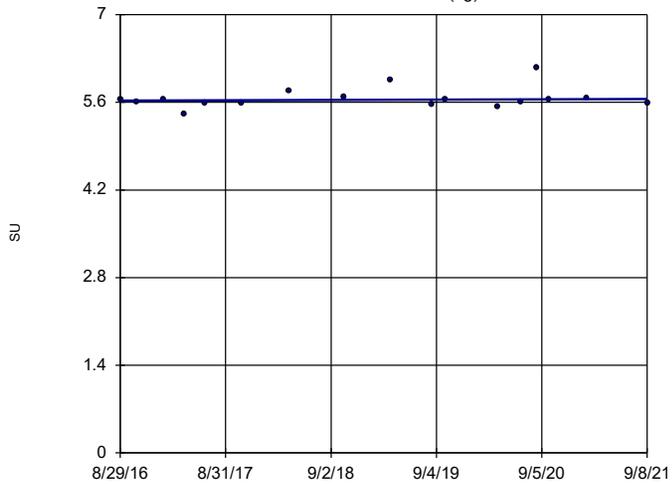
Constituent: Fluoride Analysis Run 1/28/2022 11:17 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator
ARGWA-19 (bg)



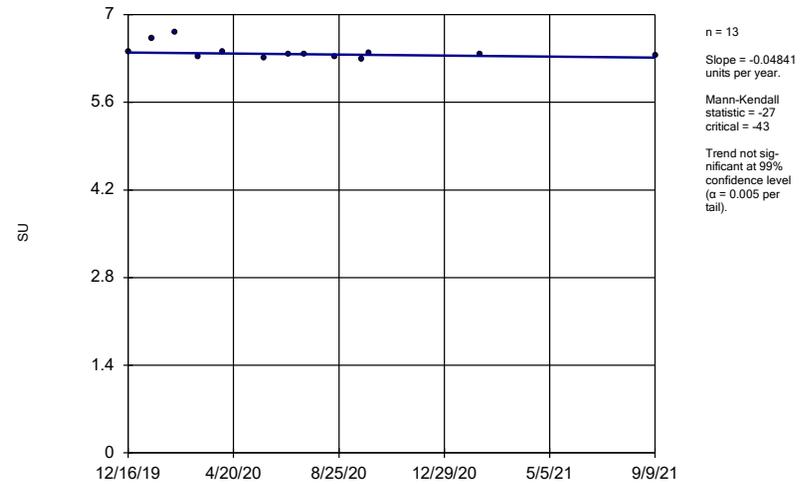
Constituent: pH Analysis Run 1/28/2022 11:17 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator
ARGWA-20 (bg)



Constituent: pH Analysis Run 1/28/2022 11:17 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

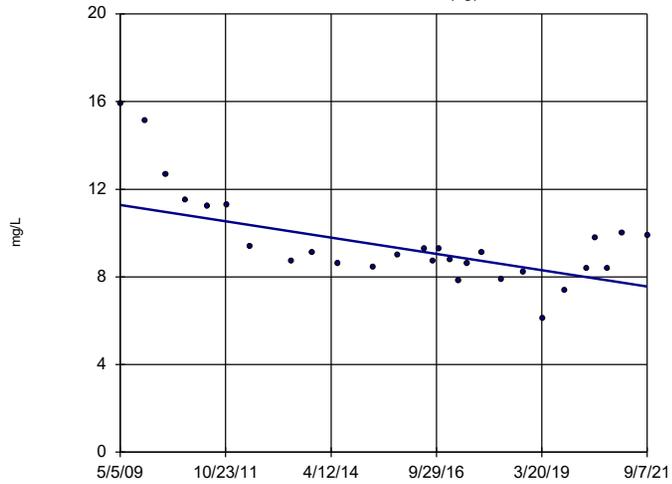
Sen's Slope Estimator
ARGWC-23



Constituent: pH Analysis Run 1/28/2022 11:17 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWA-19 (bg)

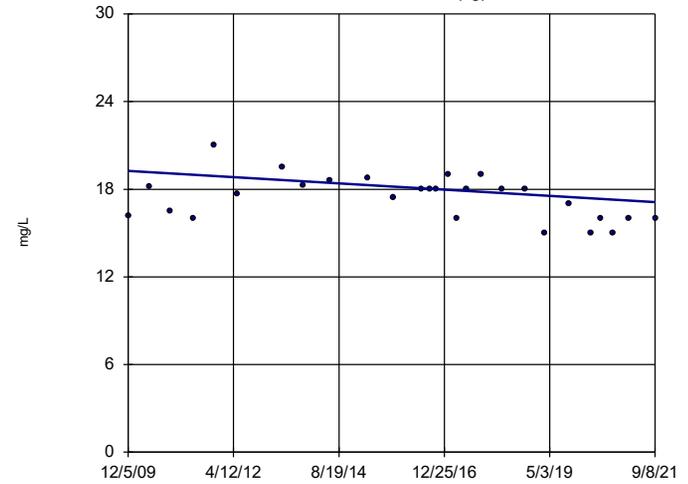


n = 28
 Slope = -0.3001
 units per year.
 Mann-Kendall
 statistic = -168
 critical = -131
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWA-20 (bg)

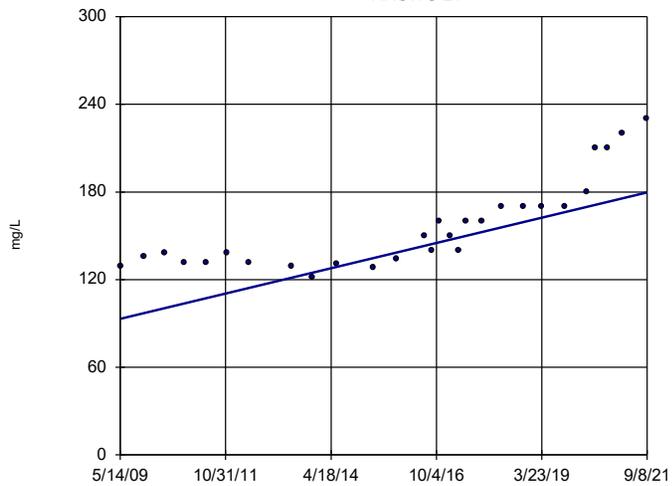


n = 27
 Slope = -0.1824
 units per year.
 Mann-Kendall
 statistic = -108
 critical = -124
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWC-21

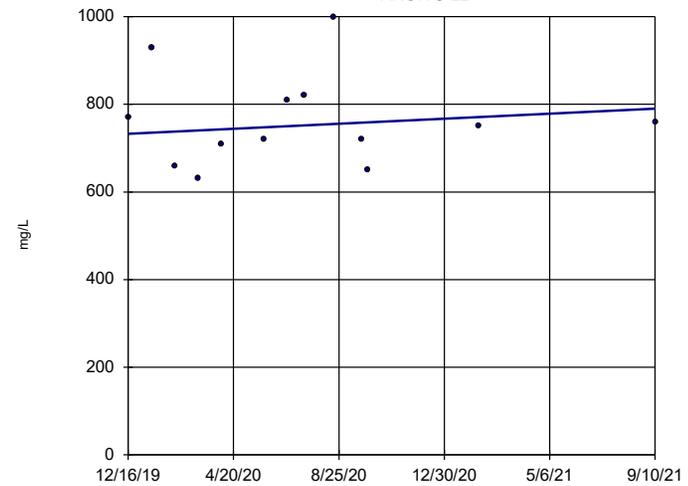


n = 28
 Slope = 7.02
 units per year.
 Mann-Kendall
 statistic = 275
 critical = 131
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWC-22

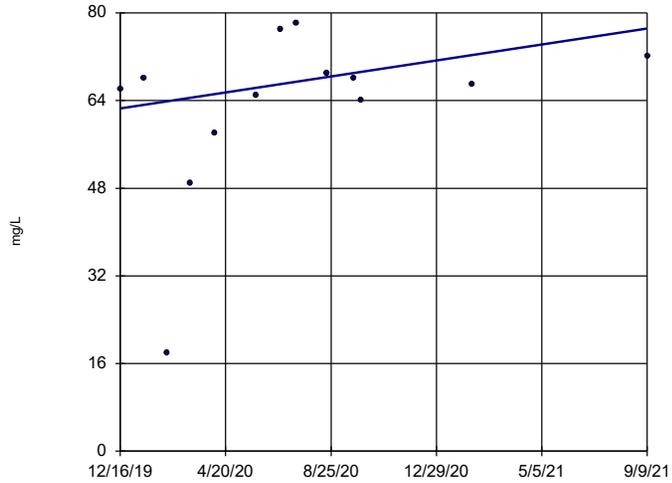


n = 13
 Slope = 33.01
 units per year.
 Mann-Kendall
 statistic = 7
 critical = 43
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWC-23

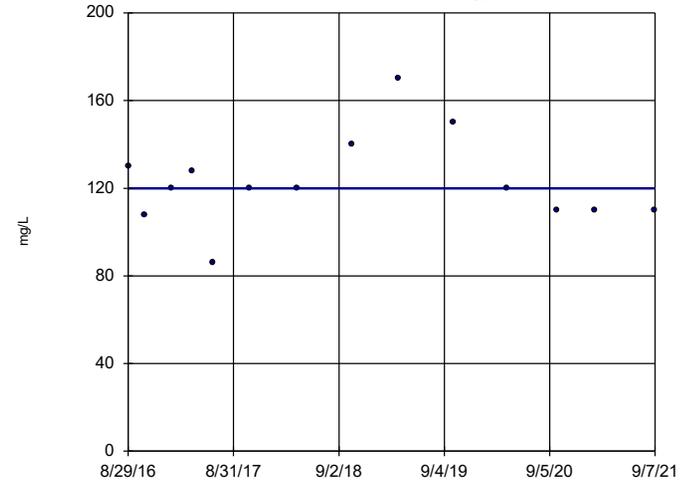


n = 13
 Slope = 8.404 units per year.
 Mann-Kendall statistic = 23
 critical = 43
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWA-19 (bg)

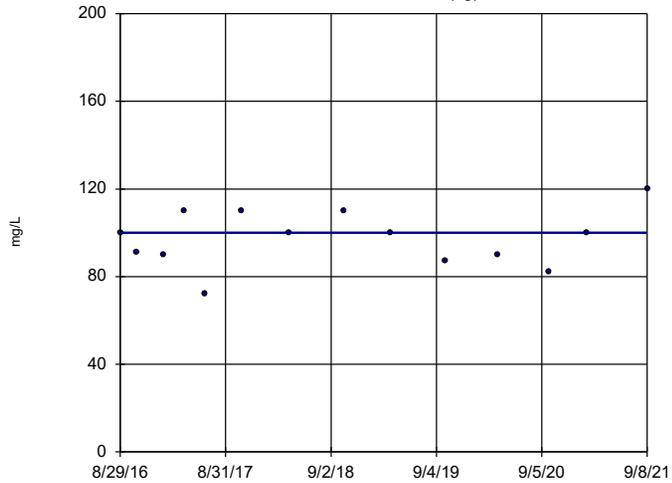


n = 14
 Slope = 0 units per year.
 Mann-Kendall statistic = -6
 critical = -48
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWA-20 (bg)

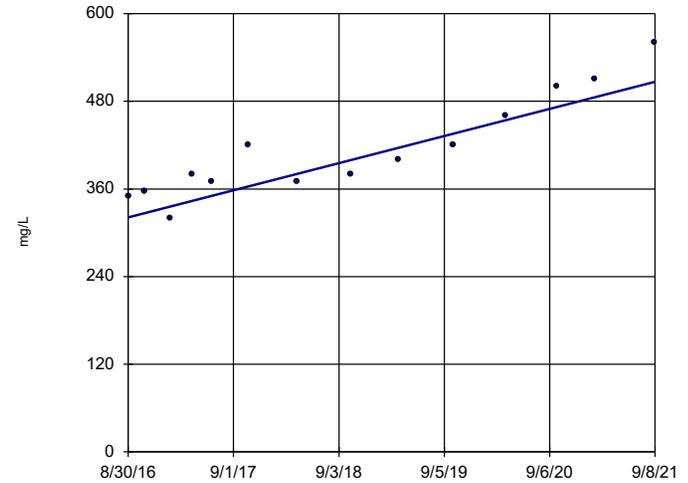


n = 14
 Slope = 0 units per year.
 Mann-Kendall statistic = 1
 critical = 48
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWC-21

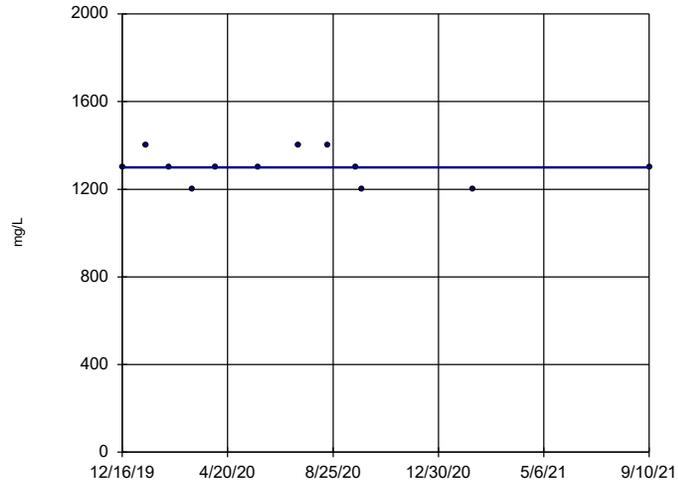


n = 14
 Slope = 37.02 units per year.
 Mann-Kendall statistic = 74
 critical = 48
 Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 1/28/2022 11:17 AM View: Trend Tests
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWC-22

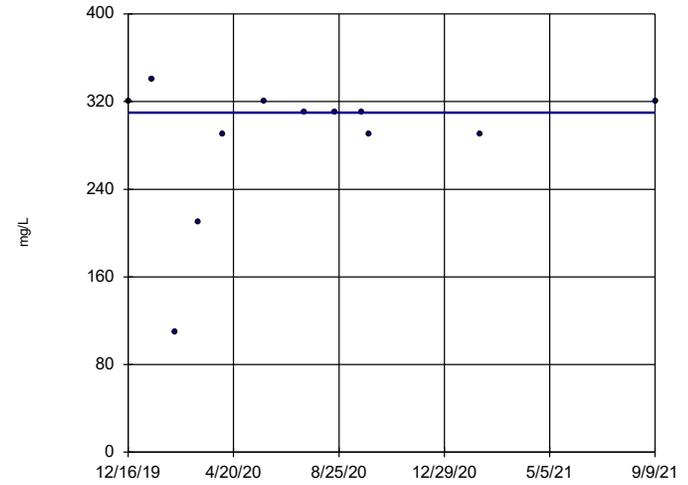


n = 12
Slope = 0
units per year.
Mann-Kendall
statistic = -11
critical = -38
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Total Dissolved Solids Analysis Run 1/28/2022 11:17 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWC-23



n = 12
Slope = 0
units per year.
Mann-Kendall
statistic = -1
critical = -38
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Total Dissolved Solids Analysis Run 1/28/2022 11:17 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

FIGURE G.

Upper Tolerance Limits Summary Table

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:20 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.002	n/a	n/a	n/a	22	n/a	n/a	100	n/a	n/a	0.3235	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.0015	n/a	n/a	n/a	60	n/a	n/a	85	n/a	n/a	0.04607	NP Inter(NDs)
Barium (mg/L)	n/a	0.1	n/a	n/a	n/a	60	n/a	n/a	0	n/a	n/a	0.04607	NP Inter(normality)
Beryllium (mg/L)	n/a	0.0025	n/a	n/a	n/a	26	n/a	n/a	92.31	n/a	n/a	0.2635	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.0025	n/a	n/a	n/a	58	n/a	n/a	98.28	n/a	n/a	0.05105	NP Inter(NDs)
Chromium (mg/L)	n/a	0.0078	n/a	n/a	n/a	30	n/a	n/a	20	n/a	n/a	0.2146	NP Inter(normality)
Cobalt (mg/L)	n/a	0.0025	n/a	n/a	n/a	32	n/a	n/a	62.5	n/a	n/a	0.1937	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	n/a	1.286	n/a	n/a	n/a	30	0.5502	0.3313	0	None	No	0.05	Inter
Fluoride (mg/L)	n/a	0.14	n/a	n/a	n/a	34	n/a	n/a	50	n/a	n/a	0.1748	NP Inter(normality)
Lead (mg/L)	n/a	0.001	n/a	n/a	n/a	60	n/a	n/a	85	n/a	n/a	0.04607	NP Inter(NDs)
Lithium (mg/L)	n/a	0.013	n/a	n/a	n/a	32	n/a	n/a	43.75	n/a	n/a	0.1937	NP Inter(normality)
Mercury (mg/L)	n/a	0.0002	n/a	n/a	n/a	22	n/a	n/a	90.91	n/a	n/a	0.3235	NP Inter(NDs)
Molybdenum (mg/L)	n/a	0.015	n/a	n/a	n/a	28	n/a	n/a	96.43	n/a	n/a	0.2378	NP Inter(NDs)
Selenium (mg/L)	n/a	0.005	n/a	n/a	n/a	59	n/a	n/a	62.71	n/a	n/a	0.04849	NP Inter(NDs)
Silver (mg/L)	n/a	0.001	n/a	n/a	n/a	50	n/a	n/a	90	n/a	n/a	0.07694	NP Inter(NDs)
Thallium (mg/L)	n/a	0.001	n/a	n/a	n/a	22	n/a	n/a	100	n/a	n/a	0.3235	NP Inter(NDs)

FIGURE H.

PLANT ARKWRIGHT AP #2 GWPS			
Constituent Name	MCL	Background Limit	GWPS
Antimony, Total (mg/L)	0.006	0.002	0.006
Arsenic, Total (mg/L)	0.01	0.0015	0.01
Barium, Total (mg/L)	2	0.1	2
Beryllium, Total (mg/L)	0.004	0.0025	0.004
Cadmium, Total (mg/L)	0.005	0.0025	0.005
Chromium, Total (mg/L)	0.1	0.0078	0.1
Cobalt, Total (mg/L)	n/a	0.0025	0.0025
Combined Radium, Total (pCi/L)	5	1.29	5
Fluoride, Total (mg/L)	4	0.14	4
Lead, Total (mg/L)	n/a	0.001	0.001
Lithium, Total (mg/L)	n/a	0.013	0.013
Mercury, Total (mg/L)	0.002	0.0002	0.002
Molybdenum, Total (mg/L)	n/a	0.015	0.015
Selenium, Total (mg/L)	0.05	0.005	0.05
Silver, Total (mg/L)	n/a	0.001	0.001
Thallium, Total (mg/L)	0.002	0.001	0.002

**MCL = Maximum Contaminant Level*

**GWPS = Groundwater Protection Standard*

FIGURE I.

Confidence Intervals - Significant Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig. N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	ARGWC-22	0.01125	0.003475	0.0025	Yes 13	0.007362	0.005226	0	None	No	0.01	Param.
Lithium (mg/L)	ARAMW-2	0.086	0.018	0.013	Yes 6	0.03417	0.02623	0	None	No	0.0155	NP (normality)
Lithium (mg/L)	ARGWC-22	0.02475	0.01342	0.013	Yes 13	0.01908	0.007619	0	None	No	0.01	Param.
Lithium (mg/L)	ARGWC-23	0.04134	0.02598	0.013	Yes 13	0.03237	0.01251	0	None	x^2	0.01	Param.
Molybdenum (mg/L)	ARGWC-23	0.06175	0.03175	0.015	Yes 12	0.04675	0.01912	0	None	No	0.01	Param.

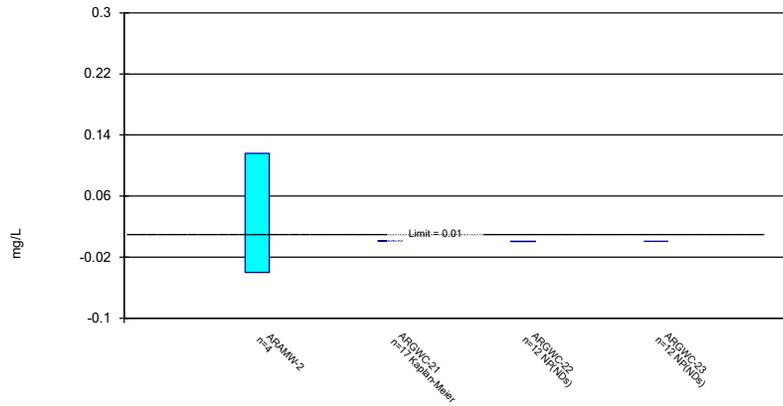
Confidence Intervals - All Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 1/28/2022, 11:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig. N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	ARAMW-2	0.116	-0.04024	0.01	No 4	0.03788	0.03441	0	None	No	0.01	Param.
Arsenic (mg/L)	ARGWC-21	0.001678	0.0007767	0.01	No 17	0.001561	0.0005936	23.53	Kaplan-Meier	No	0.01	Param.
Arsenic (mg/L)	ARGWC-22	0.001	0.0004	0.01	No 12	0.00087	0.0002444	75	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	ARGWC-23	0.001	0.00075	0.01	No 12	0.0009308	0.0001762	83.33	Kaplan-Meier	No	0.01	NP (NDs)
Barium (mg/L)	ARAMW-1	0.05949	0.04251	2	No 4	0.051	0.003742	0	None	No	0.01	Param.
Barium (mg/L)	ARAMW-2	0.1796	0.03793	2	No 4	0.1088	0.03119	0	None	No	0.01	Param.
Barium (mg/L)	ARGWC-21	0.1158	0.08436	2	No 17	0.09371	0.0319	0	None	x^3	0.01	Param.
Barium (mg/L)	ARGWC-22	0.05718	0.03349	2	No 12	0.04533	0.0151	0	None	No	0.01	Param.
Barium (mg/L)	ARGWC-23	0.1657	0.1005	2	No 12	0.1331	0.04159	0	None	No	0.01	Param.
Beryllium (mg/L)	ARGWC-22	0.0025	0.00019	0.004	No 11	0.001496	0.001156	54.55	None	No	0.006	NP (NDs)
Beryllium (mg/L)	ARGWC-23	0.0025	0.0025	0.004	No 11	0.002303	0.0006543	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	ARGWC-21	0.002	0.0017	0.1	No 15	0.00198	0.00007746	93.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	ARGWC-22	0.0048	0.002	0.1	No 12	0.002233	0.0008083	91.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	ARAMW-1	0.001113	0.0006906	0.0025	No 5	0.000902	0.0001262	0	None	No	0.01	Param.
Cobalt (mg/L)	ARAMW-2	0.003663	0.001737	0.0025	No 5	0.0027	0.0005745	0	None	No	0.01	Param.
Cobalt (mg/L)	ARGWC-21	0.001899	0.001279	0.0025	No 16	0.001466	0.0005787	0	None	x^3	0.01	Param.
Cobalt (mg/L)	ARGWC-22	0.01125	0.003475	0.0025	Yes 13	0.007362	0.005226	0	None	No	0.01	Param.
Cobalt (mg/L)	ARGWC-23	0.002977	0.0009754	0.0025	No 13	0.001976	0.001346	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	ARAMW-1	1.468	-0.1195	5	No 4	0.6743	0.3496	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	ARAMW-2	5.076	1.164	5	No 4	3.12	0.8616	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	ARGWC-21	0.8972	0.5449	5	No 15	0.7211	0.2599	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	ARGWC-22	0.7464	0.3045	5	No 12	0.5254	0.2816	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	ARGWC-23	0.5595	0.1079	5	No 12	0.3337	0.2878	0	None	No	0.01	Param.
Fluoride (mg/L)	ARAMW-1	0.2304	0.1936	4	No 5	0.212	0.01095	0	None	No	0.01	Param.
Fluoride (mg/L)	ARAMW-2	0.1321	0.09026	4	No 5	0.1016	0.03119	20	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	ARGWC-21	0.14	0.084	4	No 17	0.1311	0.1181	0	None	No	0.01	NP (normality)
Fluoride (mg/L)	ARGWC-22	0.05863	0.04064	4	No 13	0.04969	0.01159	15.38	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	ARGWC-23	0.3357	0.1718	4	No 13	0.2538	0.1102	0	None	No	0.01	Param.
Lead (mg/L)	ARGWC-21	0.001	0.00026	0.001	No 17	0.0009065	0.0002647	88.24	None	No	0.01	NP (NDs)
Lead (mg/L)	ARGWC-22	0.001	0.00022	0.001	No 12	0.0008633	0.0003196	83.33	None	No	0.01	NP (NDs)
Lead (mg/L)	ARGWC-23	0.001	0.00026	0.001	No 12	0.00087	0.0003041	83.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	ARAMW-1	0.01027	0.007164	0.013	No 6	0.008717	0.00113	0	None	No	0.01	Param.
Lithium (mg/L)	ARAMW-2	0.086	0.018	0.013	Yes 6	0.03417	0.02623	0	None	No	0.0155	NP (normality)
Lithium (mg/L)	ARGWC-21	0.01208	0.009148	0.013	No 16	0.01061	0.002251	0	None	No	0.01	Param.
Lithium (mg/L)	ARGWC-22	0.02475	0.01342	0.013	Yes 13	0.01908	0.007619	0	None	No	0.01	Param.
Lithium (mg/L)	ARGWC-23	0.04134	0.02598	0.013	Yes 13	0.03237	0.01251	0	None	x^2	0.01	Param.
Mercury (mg/L)	ARGWC-21	0.0002	0.0002	0.002	No 11	0.0001885	0.00003829	90.91	None	No	0.006	NP (NDs)
Molybdenum (mg/L)	ARAMW-1	0.007721	0.003599	0.015	No 5	0.00566	0.00123	0	None	No	0.01	Param.
Molybdenum (mg/L)	ARAMW-2	0.015	0.0013	0.015	No 5	0.01226	0.006127	80	None	No	0.031	NP (NDs)
Molybdenum (mg/L)	ARGWC-22	0.015	0.00093	0.015	No 12	0.01038	0.006824	66.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	ARGWC-23	0.06175	0.03175	0.015	Yes 12	0.04675	0.01912	0	None	No	0.01	Param.
Selenium (mg/L)	ARGWC-22	0.005	0.002	0.05	No 12	0.00475	0.000866	91.67	None	No	0.01	NP (NDs)
Silver (mg/L)	ARGWC-21	0.001	0.00043	0.001	No 12	0.0009525	0.0001645	91.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	ARGWC-22	0.001	0.00027	0.002	No 9	0.0007489	0.0003301	55.56	None	No	0.002	NP (NDs)
Thallium (mg/L)	ARGWC-23	0.001	0.00026	0.002	No 9	0.0007556	0.0003667	66.67	None	No	0.002	NP (NDs)

Parametric and Non-Parametric (NP) Confidence Interval

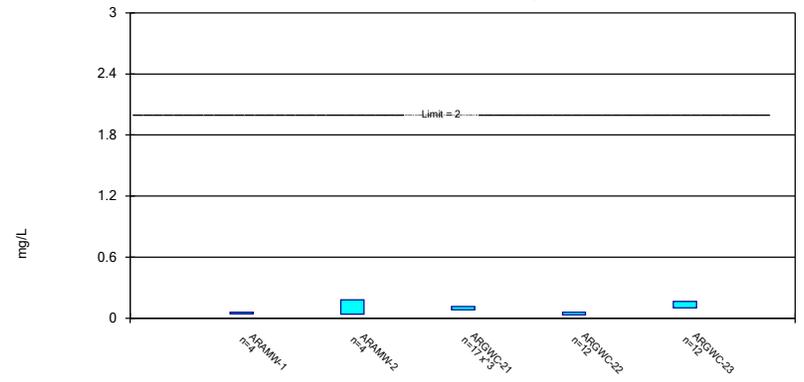
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 1/28/2022 11:21 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Parametric Confidence Interval

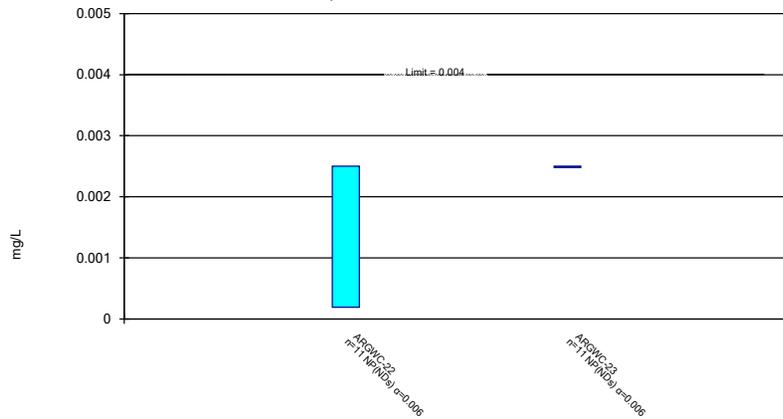
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 1/28/2022 11:21 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Non-Parametric Confidence Interval

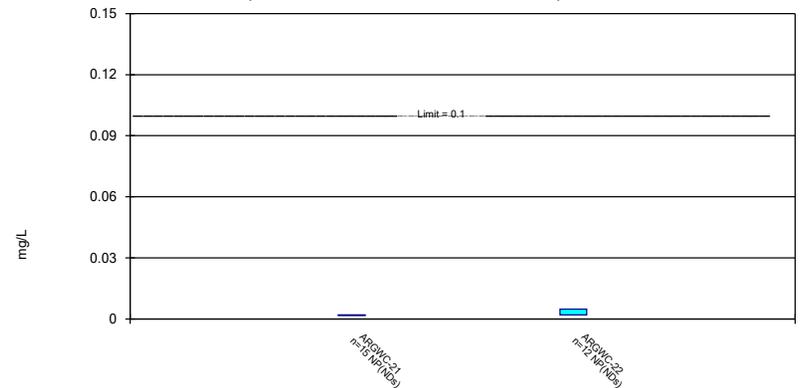
Compliance Limit is not exceeded.



Constituent: Beryllium Analysis Run 1/28/2022 11:21 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Non-Parametric Confidence Interval

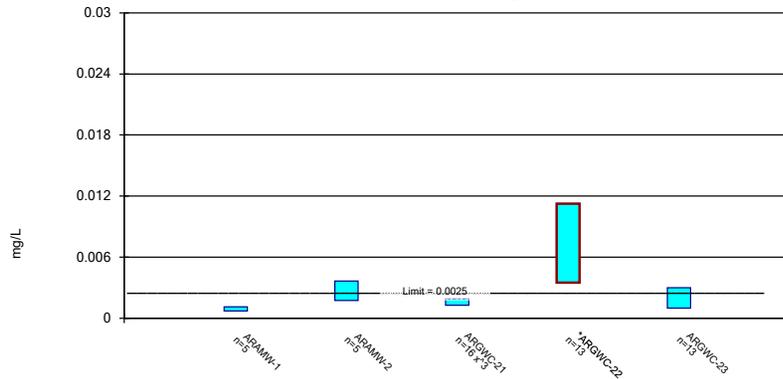
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Chromium Analysis Run 1/28/2022 11:21 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Parametric Confidence Interval

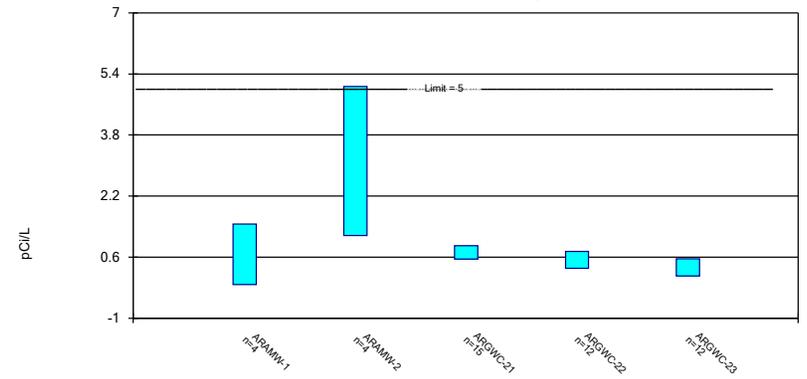
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 1/28/2022 11:22 AM View: Confidence Intervals
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Parametric Confidence Interval

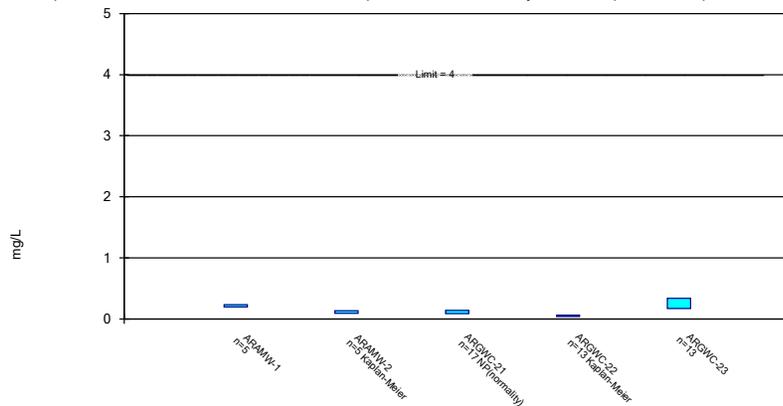
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 1/28/2022 11:22 AM View: Confidence Intervals
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Parametric and Non-Parametric (NP) Confidence Interval

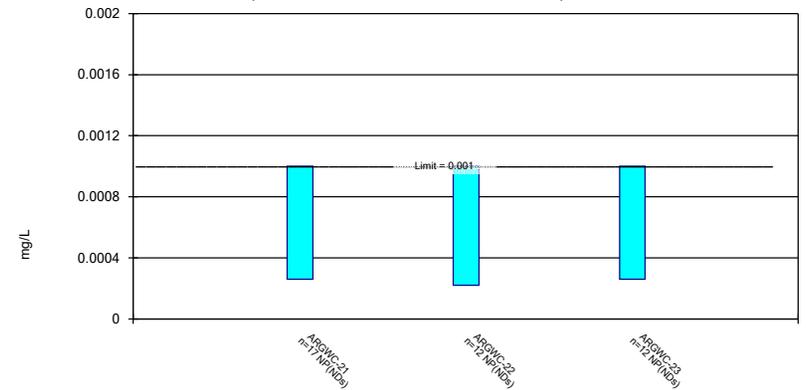
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 1/28/2022 11:22 AM View: Confidence Intervals
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Non-Parametric Confidence Interval

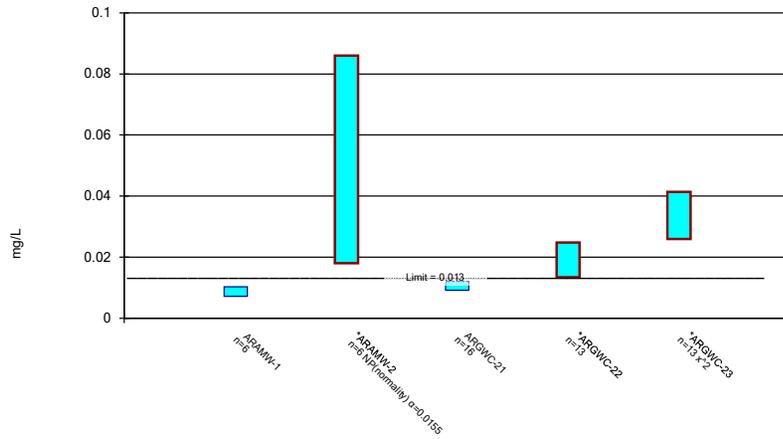
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Lead Analysis Run 1/28/2022 11:22 AM View: Confidence Intervals
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

Parametric and Non-Parametric (NP) Confidence Interval

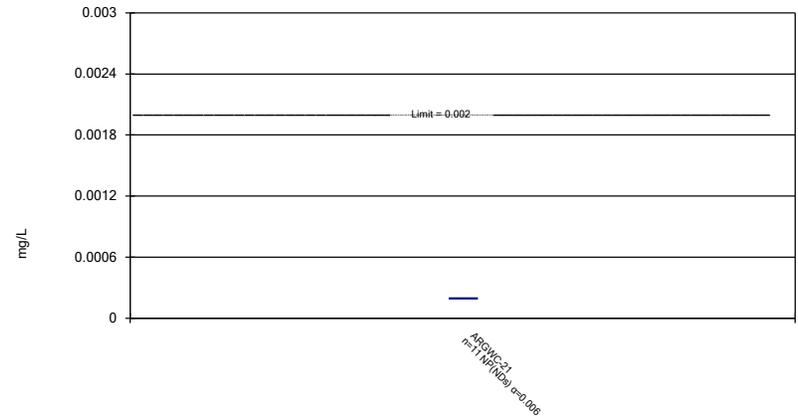
Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 1/28/2022 11:22 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Non-Parametric Confidence Interval

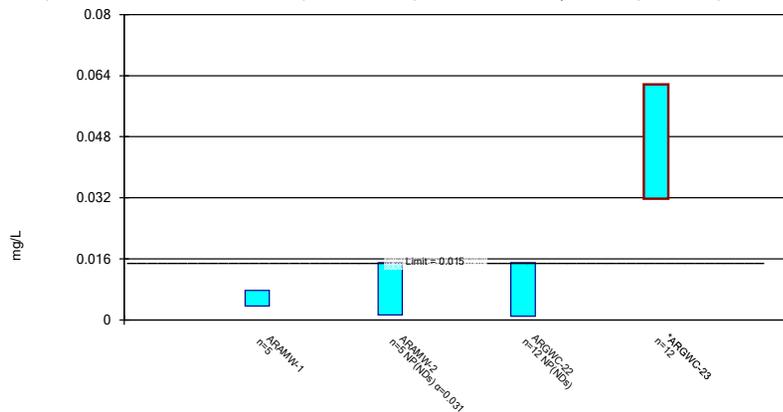
Compliance Limit is not exceeded.



Constituent: Mercury Analysis Run 1/28/2022 11:22 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Parametric and Non-Parametric (NP) Confidence Interval

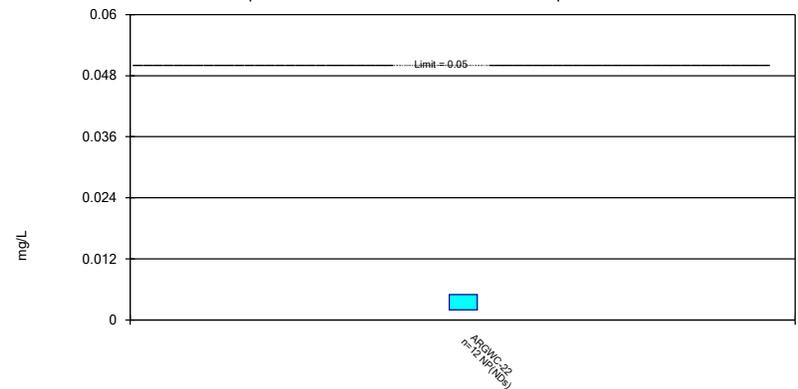
Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 1/28/2022 11:22 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Non-Parametric Confidence Interval

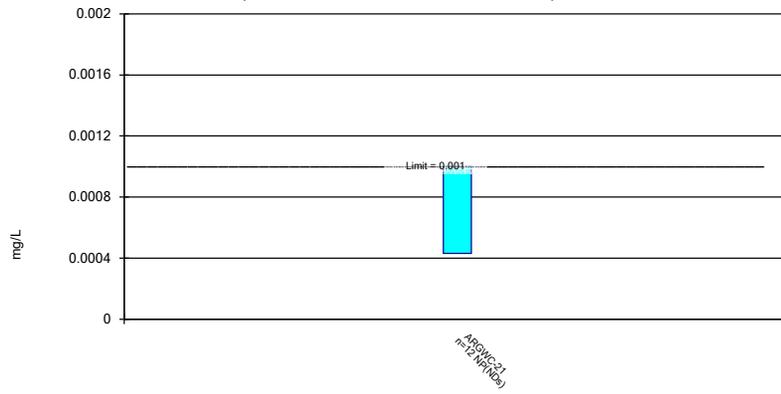
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Selenium Analysis Run 1/28/2022 11:22 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Non-Parametric Confidence Interval

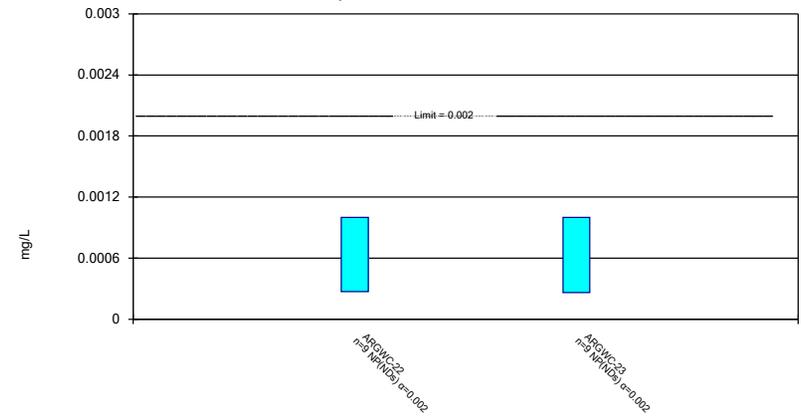
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Silver Analysis Run 1/28/2022 11:22 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



Constituent: Thallium Analysis Run 1/28/2022 11:22 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-2	ARGWC-21	ARGWC-22	ARGWC-23
6/23/2016		0.0011 (J)		
8/30/2016		0.002		
10/26/2016		0.0019 (J)		
1/25/2017		0.0017		
4/10/2017		0.002		
6/19/2017		0.0026		
10/24/2017		0.0021		
4/10/2018		0.0022		
10/16/2018		0.0021		
3/27/2019		0.0011 (J)		
8/20/2019		0.002		
10/8/2019		0.0012 (J)		
12/16/2019			0.00066 (J)	0.00075 (J)
1/14/2020			0.00038 (J)	0.00042 (J)
2/11/2020			0.0004 (J)	<0.001
3/9/2020			<0.001	<0.001
4/7/2020		0.00054 (J)	<0.001	<0.001
5/27/2020			<0.001	<0.001
7/15/2020			<0.001	<0.001
8/19/2020			<0.001	
8/20/2020	0.084			<0.001
8/21/2020		<0.001		
9/22/2020			<0.001	<0.001
9/30/2020			<0.001	
10/1/2020	0.0085	<0.001		<0.001
2/10/2021		<0.001	<0.001	<0.001
2/11/2021	0.015			
9/8/2021		<0.001		
9/9/2021				<0.001
9/10/2021	0.044		<0.001	
Mean	0.03788	0.001561	0.00087	0.0009308
Std. Dev.	0.03441	0.0005936	0.0002444	0.0001762
Upper Lim.	0.116	0.001678	0.001	0.001
Lower Lim.	-0.04024	0.0007767	0.0004	0.00075

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARGWC-21	ARGWC-22	ARGWC-23
6/23/2016			0.13		
8/30/2016			0.11		
10/26/2016			0.122		
1/25/2017			0.12		
4/10/2017			0.11		
6/19/2017			0.13		
10/24/2017			0.12		
4/10/2018			0.12		
10/16/2018			0.1		
3/27/2019			0.091		
8/20/2019			0.1		
10/8/2019			0.096		
12/16/2019				0.076	0.096
1/14/2020				0.071	0.075
2/11/2020				0.046	0.046
3/9/2020				0.039	0.14
4/7/2020			0.05	0.04	0.16
5/27/2020				0.054	0.18
7/15/2020				0.043	0.16
8/19/2020				0.046	
8/20/2020	0.055	0.14			0.16
8/21/2020			0.054		
9/22/2020				0.038	0.16
9/30/2020	0.052			0.033	
10/1/2020		0.075	0.051		0.17
2/10/2021	0.046		0.044	0.032	0.13
2/11/2021		0.09			
9/8/2021			0.045		
9/9/2021	0.051				0.12
9/10/2021		0.13		0.026	
Mean	0.051	0.1088	0.09371	0.04533	0.1331
Std. Dev.	0.003742	0.03119	0.0319	0.0151	0.04159
Upper Lim.	0.05949	0.1796	0.1158	0.05718	0.1657
Lower Lim.	0.04251	0.03793	0.08436	0.03349	0.1005

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-22	ARGWC-23
12/16/2019	0.0005 (J)	0.00033 (J)
1/14/2020	0.00036 (J)	<0.0025
2/11/2020	0.00023	<0.0025
3/9/2020	0.00019	<0.0025
5/27/2020	0.00018 (J)	<0.0025
7/15/2020	<0.0025	<0.0025
8/19/2020	<0.0025	
8/20/2020		<0.0025
9/22/2020	<0.0025	<0.0025
9/30/2020	<0.0025	
10/1/2020		<0.0025
2/10/2021	<0.0025	<0.0025
9/9/2021		<0.0025
9/10/2021	<0.0025	
Mean	0.001496	0.002303
Std. Dev.	0.001156	0.0006543
Upper Lim.	0.0025	0.0025
Lower Lim.	0.00019	0.0025

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22
8/30/2016	<0.002	
10/26/2016	<0.002	
1/25/2017	<0.002	
4/10/2017	<0.002	
6/19/2017	<0.002	
10/24/2017	<0.002	
4/10/2018	<0.002	
10/16/2018	<0.002	
8/20/2019	0.0017 (J)	
10/8/2019	<0.002	
12/16/2019		<0.002
1/14/2020		<0.002
2/11/2020		0.0048
3/9/2020		<0.002
4/7/2020	<0.002	<0.002
5/27/2020		<0.002
7/15/2020		<0.002
8/19/2020		<0.002
8/21/2020	<0.002	
9/22/2020		<0.002
9/30/2020		<0.002
10/1/2020	<0.002	
2/10/2021	<0.002	<0.002
9/8/2021	<0.002	
9/10/2021		<0.002
Mean	0.00198	0.002233
Std. Dev.	7.746E-05	0.0008083
Upper Lim.	0.002	0.0048
Lower Lim.	0.0017	0.002

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016			0.0018 (J)		
10/26/2016			0.0018 (J)		
1/25/2017			0.0017 (J)		
4/10/2017			0.0016 (J)		
6/19/2017			0.0021 (J)		
10/24/2017			0.0019 (J)		
4/10/2018			0.0019 (J)		
10/16/2018			0.0019 (J)		
8/20/2019			0.0023		
10/8/2019			0.0018		
12/16/2019				0.018	0.0023
1/14/2020				0.0072	0.0031
2/11/2020				0.013	0.00056
3/9/2020				0.015	0.00061 (J)
4/7/2020			0.00087	0.009	0.0016
5/27/2020				0.0059	0.0017 (J)
6/24/2020	0.00097 (J)	0.0027		0.0047	
6/25/2020			0.00097 (J)		0.0014 (J)
7/15/2020				0.0027	0.0017 (J)
8/19/2020				0.0032	
8/20/2020	0.001 (J)	0.0022 (J)			0.0023 (J)
8/21/2020			0.00066 (J)		
9/22/2020				0.0085	0.0036
9/30/2020	0.001 (J)			0.0055	
10/1/2020		0.0036	0.00082 (J)		0.0052
2/10/2021	0.00082 (J)		0.00063 (J)	0.0015 (J)	0.00072 (J)
2/11/2021		0.0028			
9/8/2021			0.0007 (J)		
9/9/2021	0.00072 (J)				0.0009 (J)
9/10/2021		0.0022 (J)		0.0015 (J)	
Mean	0.000902	0.0027	0.001466	0.007362	0.001976
Std. Dev.	0.0001262	0.0005745	0.0005787	0.005226	0.001346
Upper Lim.	0.001113	0.003663	0.001899	0.01125	0.002977
Lower Lim.	0.0006906	0.001737	0.001279	0.003475	0.0009754

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals

Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016			0.832		
10/26/2016			1.27		
1/25/2017			0.549		
4/10/2017			0.556		
6/19/2017			0.976		
10/24/2017			0.504		
4/10/2018			0.621		
10/16/2018			0.796		
8/20/2019			0.978		
10/8/2019			0.588		
12/16/2019				0.229 (U)	0.166 (U)
1/14/2020				0.783	0.869
2/11/2020				0.229 (U)	0.0291 (U)
3/9/2020				0.365	0.626
4/7/2020			0.433 (U)	0.567	0.296 (U)
5/27/2020				0.143 (U)	0.192 (U)
7/15/2020				0.97	0.279 (U)
8/19/2020				0.587 (U)	
8/20/2020	0.527	4.13			0.242 (U)
8/21/2020			0.472		
9/22/2020				0.884	0.0177 (U)
9/30/2020	0.249 (U)			0.602	
10/1/2020		2.86	0.496 (U)		0.749
2/10/2021	0.949		0.625	0.233 (U)	0.0408 (U)
2/11/2021		2.09			
9/8/2021			1.12		
9/9/2021	0.972				0.498
9/10/2021		3.4		0.713	
Mean	0.6743	3.12	0.7211	0.5254	0.3337
Std. Dev.	0.3496	0.8616	0.2599	0.2816	0.2878
Upper Lim.	1.468	5.076	0.8972	0.7464	0.5595
Lower Lim.	-0.1195	1.164	0.5449	0.3045	0.1079

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016			0.099 (J)		
10/26/2016			0.57		
1/25/2017			0.12 (J)		
4/10/2017			0.11 (J)		
6/19/2017			0.11 (J)		
10/24/2017			0.1 (J)		
4/10/2018			0.094 (J)		
10/16/2018			0.17 (J)		
3/27/2019			0.05 (J)		
8/20/2019			0.098 (J)		
10/8/2019			0.065 (J)		
12/16/2019				0.026 (J)	0.18 (J)
1/14/2020				<0.1	0.21
2/11/2020				0.056	0.13
3/9/2020				0.064 (J)	0.089 (J)
4/7/2020			0.12	0.068 (J)	0.18
5/27/2020				0.06 (J)	0.25
6/24/2020	0.21	0.11		0.048 (J)	
6/25/2020			0.041 (J)		0.25
7/15/2020				0.04 (J)	0.28
8/19/2020				<0.1	
8/20/2020	0.23	<0.1			0.19
8/21/2020			0.084 (J)		
9/22/2020				0.049 (J)	0.33
9/30/2020	0.2			0.045 (J)	
10/1/2020		0.098 (J)	0.098 (J)		0.32
2/10/2021	0.21		0.14	0.055 (J)	0.41
2/11/2021		0.12			
9/8/2021			0.16		
9/9/2021	0.21				0.48
9/10/2021		0.13		0.035 (J)	
Mean	0.212	0.1016	0.1311	0.04969	0.2538
Std. Dev.	0.01095	0.03119	0.1181	0.01159	0.1102
Upper Lim.	0.2304	0.1321	0.14	0.05863	0.3357
Lower Lim.	0.1936	0.09026	0.084	0.04064	0.1718

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals

Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21	ARGWC-22	ARGWC-23
6/23/2016	<0.001		
8/30/2016	<0.001		
10/26/2016	<0.001		
1/25/2017	<0.001		
4/10/2017	<0.001		
6/19/2017	<0.001		
10/24/2017	<0.001		
4/10/2018	<0.001		
10/16/2018	<0.001		
3/27/2019	<0.001		
8/20/2019	<0.001		
10/8/2019	0.00015 (J)		
12/16/2019		<0.001	<0.001
1/14/2020		0.00022 (J)	0.00018 (J)
2/11/2020		<0.001	0.00026 (J)
3/9/2020		<0.001	<0.001
4/7/2020	0.00026 (J)	0.00014 (J)	<0.001
5/27/2020		<0.001	<0.001
7/15/2020		<0.001	<0.001
8/19/2020		<0.001	
8/20/2020			<0.001
8/21/2020	<0.001		
9/22/2020		<0.001	<0.001
9/30/2020		<0.001	
10/1/2020	<0.001		<0.001
2/10/2021	<0.001	<0.001	<0.001
9/8/2021	<0.001		
9/9/2021			<0.001
9/10/2021		<0.001	
Mean	0.0009065	0.0008633	0.00087
Std. Dev.	0.0002647	0.0003196	0.0003041
Upper Lim.	0.001	0.001	0.001
Lower Lim.	0.00026	0.00022	0.00026

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
 Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARGWC-21	ARGWC-22	ARGWC-23
8/30/2016			0.0092		
10/26/2016			0.0071 (J)		
1/25/2017			0.0087		
4/10/2017			0.0074		
6/19/2017			0.0079		
10/24/2017			0.0097		
4/10/2018			0.012		
10/16/2018			0.01		
8/20/2019			0.0098		
10/8/2019			0.015		
12/16/2019				0.027	0.02
1/14/2020	0.009	0.086		0.034	0.022
2/11/2020				0.01	0.0078
3/9/2020				0.0071	0.013
4/7/2020			0.011	0.012	0.032
5/27/2020				0.017	0.037
6/24/2020	0.0084	0.018		0.023	
6/25/2020			0.013		0.043
7/15/2020				0.021	0.042
8/19/2020				0.026	
8/20/2020	0.0066	0.036			0.036
8/21/2020			0.013		
9/22/2020				0.014	0.039
9/30/2020	0.0091			0.014	
10/1/2020		0.019	0.012		0.04
2/10/2021	0.0097		0.012	0.022	0.044
2/11/2021		0.021			
9/8/2021			0.012		
9/9/2021	0.0095				0.045
9/10/2021		0.025		0.021	
Mean	0.008717	0.03417	0.01061	0.01908	0.03237
Std. Dev.	0.00113	0.02623	0.002251	0.007619	0.01251
Upper Lim.	0.01027	0.086	0.01208	0.02475	0.04134
Lower Lim.	0.007164	0.018	0.009148	0.01342	0.02598

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21
8/30/2016	<0.0002
10/26/2016	<0.0002
1/25/2017	7.3E-05 (J)
4/10/2017	<0.0002
6/19/2017	<0.0002
10/24/2017	<0.0002
4/10/2018	<0.0002
10/16/2018	<0.0002
8/20/2019	<0.0002
8/21/2020	<0.0002
9/8/2021	<0.0002
Mean	0.0001885
Std. Dev.	3.829E-05
Upper Lim.	0.0002
Lower Lim.	0.0002

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARAMW-1	ARAMW-2	ARGWC-22	ARGWC-23
12/16/2019			0.0018 (J)	0.025
1/14/2020			0.0012 (J)	0.032
2/11/2020			0.00093	0.021
3/9/2020			0.00067	0.013 (J)
5/27/2020			<0.015	0.048
6/24/2020	0.0051 (J)	<0.015	<0.015	
6/25/2020				0.055
7/15/2020			<0.015	0.055
8/19/2020			<0.015	
8/20/2020	0.0076 (J)	0.0013 (J)		0.061
9/22/2020			<0.015	0.053
9/30/2020	0.0054 (J)		<0.015	
10/1/2020		<0.015		0.064
2/10/2021	0.0043 (J)		<0.015	0.063
2/11/2021		<0.015		
9/9/2021	0.0059 (J)			0.071
9/10/2021		<0.015	<0.015	
Mean	0.00566	0.01226	0.01038	0.04675
Std. Dev.	0.00123	0.006127	0.006824	0.01912
Upper Lim.	0.007721	0.015	0.015	0.06175
Lower Lim.	0.003599	0.0013	0.00093	0.03175

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-22
12/16/2019	<0.005
1/14/2020	<0.005
2/11/2020	<0.005
3/9/2020	<0.005
4/7/2020	<0.005
5/27/2020	<0.005
7/15/2020	<0.005
8/19/2020	<0.005
9/22/2020	<0.005
9/30/2020	<0.005
2/10/2021	<0.005
9/10/2021	0.002 (J)
Mean	0.00475
Std. Dev.	0.000866
Upper Lim.	0.005
Lower Lim.	0.002

Confidence Interval

Constituent: Silver (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-21
6/23/2016	<0.001
10/26/2016	<0.001
4/10/2017	<0.001
10/24/2017	<0.001
4/10/2018	<0.001
10/16/2018	<0.001
3/27/2019	<0.001
10/8/2019	0.00043 (J)
4/7/2020	<0.001
10/1/2020	<0.001
2/10/2021	<0.001
9/8/2021	<0.001
Mean	0.0009525
Std. Dev.	0.0001645
Upper Lim.	0.001
Lower Lim.	0.00043

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 1/28/2022 11:23 AM View: Confidence Intervals
Plant Arkwright Client: Southern Company Data: Arkwright No 2

	ARGWC-22	ARGWC-23
12/16/2019	0.00078 (J)	<0.001
1/14/2020	0.00027 (J)	<0.001
2/11/2020	0.00034	0.00028 (J)
3/9/2020	0.00035 (J)	0.00026 (J)
5/27/2020	<0.001	0.00026 (J)
7/15/2020	<0.001	<0.001
8/19/2020	<0.001	
8/20/2020		<0.001
9/22/2020	<0.001	<0.001
9/9/2021		<0.001
9/10/2021	<0.001	
Mean	0.0007489	0.0007556
Std. Dev.	0.0003301	0.0003667
Upper Lim.	0.001	0.001
Lower Lim.	0.00027	0.00026

FIGURE J.

Appendix IV Trend Tests - Significant Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 11/22/2021, 10:49 AM

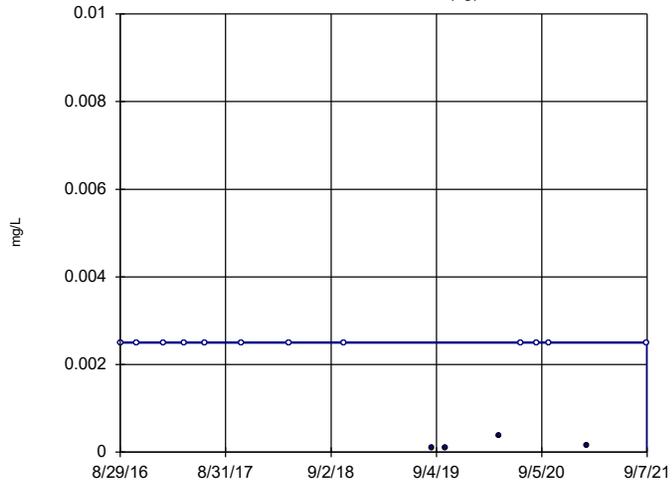
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Cobalt (mg/L)	ARGWC-22	-0.009237	-51	-43	Yes	13	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWC-23	0.02356	54	43	Yes	13	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWC-23	0.03883	47	38	Yes	12	0	n/a	n/a	0.01	NP

Appendix IV Trend Tests - All Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 11/22/2021, 10:49 AM

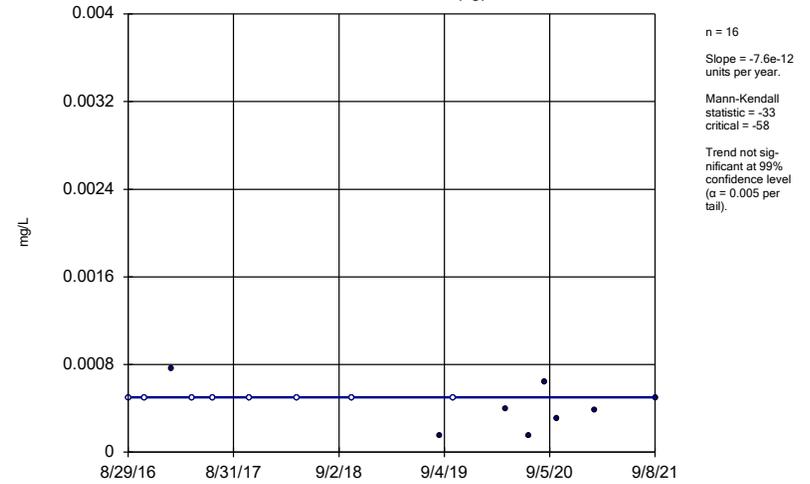
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	ARGWA-19 (bg)	0	-19	-58	No	16	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	ARGWA-20 (bg)	-7.6e-12	-33	-58	No	16	50	n/a	n/a	0.01	NP
Cobalt (mg/L)	ARGWC-22	-0.009237	-51	-43	Yes	13	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARAMW-2	-0.0104	-1	-14	No	6	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWA-19 (bg)	-0.0003028	-28	-58	No	16	6.25	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWA-20 (bg)	0	4	58	No	16	81.25	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWC-22	0.000869	2	43	No	13	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWC-23	0.02356	54	43	Yes	13	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWA-19 (bg)	0	1	48	No	14	92.86	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWA-20 (bg)	0	0	48	No	14	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWC-23	0.03883	47	38	Yes	12	0	n/a	n/a	0.01	NP

Sen's Slope Estimator ARGWA-19 (bg)



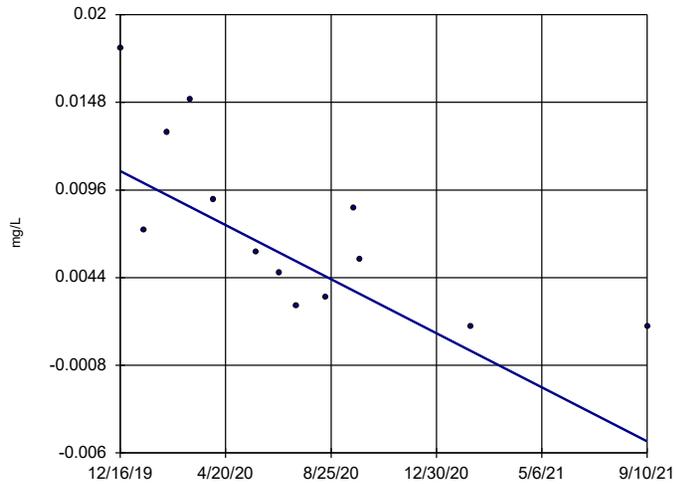
Constituent: Cobalt Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator ARGWA-20 (bg)



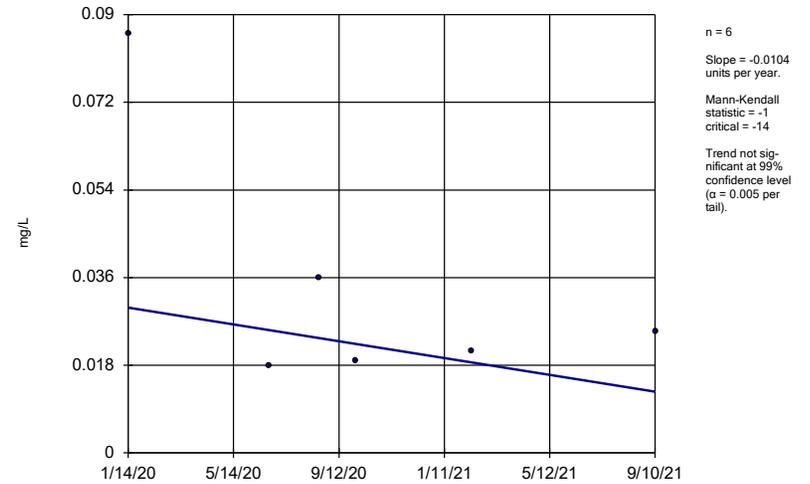
Constituent: Cobalt Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator ARGWC-22



Constituent: Cobalt Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

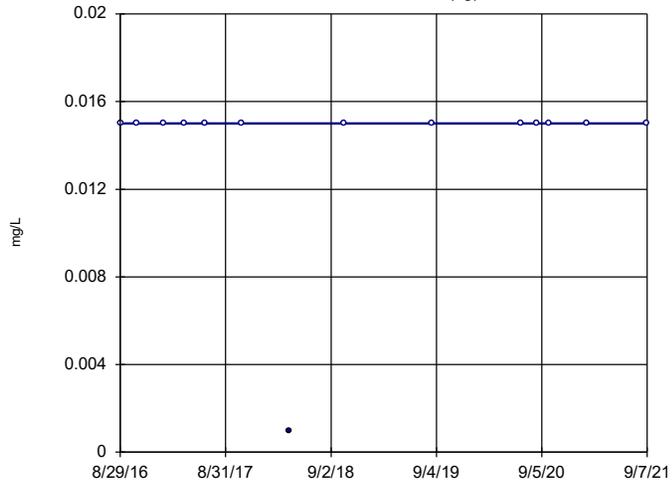
Sen's Slope Estimator ARAMW-2



Constituent: Lithium Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWA-19 (bg)

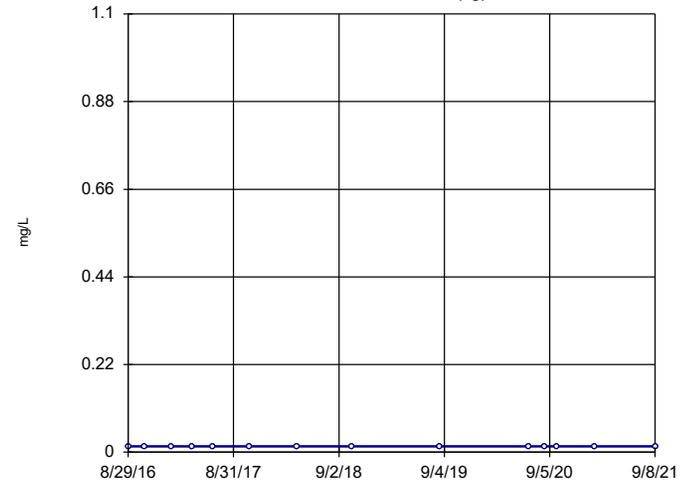


n = 14
Slope = 0
units per year.
Mann-Kendall
statistic = 1
critical = 48
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Molybdenum Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWA-20 (bg)

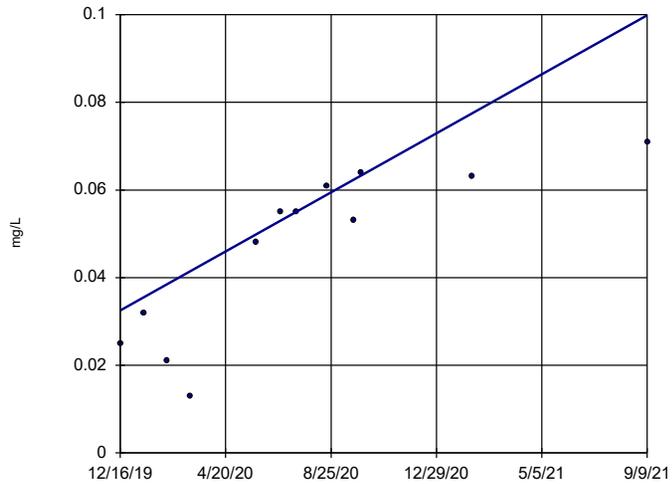


n = 14
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 48
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Molybdenum Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator

ARGWC-23



n = 12
Slope = 0.03883
units per year.
Mann-Kendall
statistic = 47
critical = 38
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Molybdenum Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

APPENDIX D

SEMI-ANNUAL REMEDY SELECTION AND DESIGN PROGRESS REPORT

Semi-Annual Remedy Selection and Design Progress Report

Georgia Power Company – Plant Arkwright

Ash Pond 2 Dry Ash Stockpile

Macon, Georgia

Project No.: 6122201429

Prepared for:



Atlanta, Georgia

2/28/2022

CERTIFICATION STATEMENT

This *Semi-Annual Remedy Selection and Design Progress Report, Georgia Power Company – Plant Arkwright, Ash Pond 2 Dry Ash Stockpile (AP-2 DAS), Macon, Georgia*, has been prepared in accordance with the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-10(G)(a).



Gregory J. Wrenn, P.E.
Project Manager

Feb. 28 2022
Date



Rhonda N. Quinn, P.G.
Senior Geologist

Feb 28, 2022
Date

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LIST OF ACRONYMS

ACM	Assessment of Corrective Measures
Al	Aluminum
As	Arsenic
AP-2 DAS	Ash Pond 2 Dry Ash Stockpile
bgs	below ground surface
CCR	Coal Combustion Residuals
Cd	Cadmium
CEC	Cation Exchange Capacity
CFR	Code of Federal Regulations
cm/sec	centimeters per second
COC	Constituents of Concern
CSM	Conceptual Site Model
DPT	Direct-Push Technology
Fe	Iron
GA EPD	Georgia Environmental Protection Division
GSC	Groundwater Stats Consulting
GWPS	Groundwater Protection Standard
ICP	Inductively-Coupled Plasma
ISCO	In-Situ Chemical Oxidation
ISCR	In-Situ Chemical Reduction
M	Molar
meq/100 gm	milliequivalents per 100 grams
mL	Milliliters
Mo	Molybdenum
mg/L	milligrams per liter
MNA	Monitored Natural Attenuation
mm	millimeters
Pb	Lead
P.E.	Professional Engineer
P.G.	Professional Geologist
PRB	Permeable Reactive Barrier
Redox	Oxidation/Reduction
RSL	Regional Screening Level
Se	Selenium
SEP	Sequential Extraction Procedure
SSL	Statistically Significant Level
TOC	Total Organic Carbon
US EPA	United States Environmental Protection Agency

LIST OF ACRONYMS – continued

v/v	Volume per Volume
XRD	X-Ray Diffraction
XRF	X-Ray Fluorescence Spectroscopy
Zn	Zinc

1.0 INTRODUCTION

1.1 Purpose

This *Semi-Annual Remedy Selection and Design Progress Report* (the semi-annual progress report) was prepared for Georgia Power Company (Georgia Power) Plant Arkwright Ash Pond 2 Dry Ash Stockpile (AP-2 DAS) (Site) in accordance with the Georgia Environmental Protection Division (GA EPD) Rules for Solid Waste Management 391-3-4-.10(6)(a). To specify groundwater monitoring requirements, GA EPD Rule 391-3-4-.10(6)(a) incorporates by reference the United States Environmental Protection Agency (US EPA) coal combustion residuals (CCR) Rule 40 Code of Federal Regulations (CFR) § 257 Subpart D. For ease of reference, the US EPA CCR rules are cited within this report. This semi-annual progress report describes the progress made during the period of July to December 2021 in selecting and designing a remedy and updates the progress since the semi-annual progress report previously submitted in July 2021 (Wood, 2021b).

The purpose of this semi-annual progress report is to document the process of selecting corrective measure(s) for groundwater as provided in the *Assessment of Corrective Measures Report, Georgia Power Company – Plant Arkwright Ash Pond 2 Dry Ash Stockpile* (Wood, 2020a) (ACM Report) in December 2020. This process is typically iterative and may be composed of multiple steps to analyze the effectiveness of corrective measures to improve groundwater quality. Once potential corrective measures are identified, they are further evaluated using the criteria outlined in 40 CFR § 257.96(c). Additional details are provided within the ACM Report and the cited state and federal regulations. Pursuant to 40 CFR § 257.96(a), semi-annual progress reports will be included as an appendix to the routine semi-annual groundwater monitoring and corrective action reports to document the efforts of evaluating and progressing towards selecting a groundwater corrective measure.

As discussed in the last progress report, two of the six potential corrective measures were considered not suitable for further evaluation to treat the site-specific constituents in groundwater. These included the installation of a permeable reactive barrier (PRB) and a vertical barrier wall. The following corrective measures are potentially feasible for use at AP-2 DAS. A comparative screening of the corrective measures is provided in **Table 1: Evaluation of Remedial Technologies**.

1. Geochemical Manipulation (In-Situ Injection)
2. Hydraulic Containment (Pump and Treat)
3. Monitored Natural Attenuation (MNA)
4. Phytoremediation

Georgia Power proactively initiated adaptive site management as outlined in the ACM Report (Wood, 2020a) to support the groundwater remedy selection process and address potential changes in Site conditions as appropriate during the ash pond closure. The adaptive site management approach takes existing Site conditions, including natural attenuation mechanisms into account. Characterization activities to evaluate attenuation mechanisms at the Site include collection of data necessary to progressively evaluate the existing and long-term effectiveness of these processes in the aquifer and reduce uncertainty for decision making at each screening step as listed in the US EPA guidelines for MNA (US EPA 2007, 2015). In 2007, the US EPA issued MNA technical guidance specific to inorganic contaminants (US EPA, 2007) that contained four “tiers.” The 2015 MNA guidance retains these four “tiers,” but describes them as “phases” as described below (US EPA, 2015). This 2015 MNA document for inorganic contaminants expands on and is designed to be a companion to the 1999 MNA guidance.

- Phase I: Demonstration that the groundwater plume is *not expanding*.
- Phase II: Determination that the *mechanism and rate* of the attenuation process are sufficient.
- Phase III: Determination that the *capacity* of the aquifer is sufficient to attenuate the mass of the constituent of interest within the plume and the *stability* of the immobilized constituent is sufficient to resist re-mobilization.
- Phase IV: Design of a *performance monitoring program* based on an understanding of the mechanism of the attenuation process, and establishment of contingency remedies tailored to site-specific characteristics.

Georgia Power will address Phase IV during the development of the future corrective action monitoring plan, after the final remedy selection report.

1.2 Site Background and Overview of Ash Pond Closure

Plant Arkwright is located in Bibb County, Georgia approximately 6 miles northwest of the city of Macon (**Figure 1: Site Location Map**). Arkwright Ash Pond 2 was in operation in the 1950s. Soil was placed over AP-2 DAS as a closure measure and was estimated to be closed in-place in

the late 1970s to early 1980s. Georgia Power officially closed the AP-2 DAS by removing ash from the former AP-2, located directly east of AP-2 DAS, in 2010 with GA EPD's approval and in accordance with the solid waste landfill regulations specified by GA EPD Rule 391-3-4, in effect at the time of its closure. The coal combustion residual (CCR) unit referred to as AP-2 DAS is defined as an inactive CCR Landfill per GA EPD Rule 391-3-4-.10(2)(a)(3).

Georgia Power has elected to remove the CCR material from AP-2 DAS Landfill. The CCR will be excavated from the AP-2 DAS Landfill area and will be placed in a new, lined landfill that will be constructed at the Site. Georgia Power intends to replace the Permit Application currently before GA EPD to reflect this change pending approval of the proposed landfill permit. The AP-2 DAS Landfill area will be regraded and vegetated after CCR removal. The closure of AP-2 DAS by the removal of CCR provides significant source control that reduces the potential for migration of CCR constituents to groundwater. Corrective measures discussed in this ACM are being evaluated to address statistically significant levels (SSL)s of constituents in groundwater at the waste boundary.

1.3 Regulatory Program Status and Nature and Extent

Pursuant to 40 CFR § 257.96(b), Georgia Power initiated ACM for AP-2 DAS when an SSL of lithium in well ARGWC-21 was identified in the October 2019 semi-annual groundwater data. New background data obtained in April 2020 was used to update the lithium Groundwater Protection Standard (GWPS), which is based on site-specific background as required by GA EPD, and there was no longer a lithium SSL in well ARGWC-21 (Wood 2020b). Statistical analysis of the April 2020 semi-annual groundwater data identified a cobalt SSL, exceeding the GWPS, which is also based on site-specific background, in well ARGWC-22. A Notice of ACM was submitted to the GA EPD July 9, 2020 following the identification of the cobalt SSL. Subsequently, Georgia Power completed an ACM Report on December 4, 2020 for the cobalt SSL in well ARGWC-22. Additional SSLs were identified in additional well/constituent pairs in subsequent monitoring events in 2021.

The monitoring well network is shown in **Figure 2: Monitoring Network Well and Sampling Locations Map**. The locations of the additional delineation piezometers are shown in **Figure 2** and well construction details are provided in **Table 2: Summary of Monitoring Network Well and Delineation/Assessment Well Construction and Groundwater Elevations**. Supporting details and documents (e.g., boring logs, well construction tables) have been previously submitted with the ACM Report or as separate well installation reports. A potentiometric surface map illustrating the September 2021 groundwater elevations collected during the

September 2021 semi-annual groundwater monitoring event is provided on **Figure 3: Potentiometric Surface AP-2 DAS September 2021**.

Based on recent statistical analysis of the September 2021 groundwater data, the following wells and constituent pairs exhibited SSLs above the GWPSs that are based on site-specific background as required by GA EPD:

- Cobalt: ARGWC-22
- Lithium: ARGWC-22, ARAMW-2, ARGWC-23
- Molybdenum: ARGWC-23

The SSL of cobalt identified in detection well ARGWC-22 is horizontally delineated to below the GWPS (0.0025 milligrams per liter [mg/L]) by surface water samples collected on September 30, 2021 from Beaverdam Creek (locations BC-0.5.7 and BC-0.5.6) downstream of AP-2 DAS as depicted in **Figure 4: Isoconcentration Map for Cobalt September 2021**. Vertical delineation of cobalt is ongoing and will be statistically evaluated following the collection of the fourth sample from delineation piezometer ARAMW-7.

The SSLs of lithium and molybdenum in detection well ARGWC-23 are horizontally delineated to below the GWPS of 0.013 mg/L and 0.015 mg/L, respectively by surface water samples collected on September 30, 2021 from Beaverdam Creek. Vertical delineation of molybdenum is ongoing in ARGWC-23 and will be statistically evaluated following the collection of the fourth sample from delineation piezometer ARAMW-8. The lithium in detection well ARGWC-22 and delineation piezometer ARAMW-2 are horizontally delineated by the surface water samples. Vertical delineation of lithium in ARGWC-22 is ongoing while the vertical extent in ARAMW-2 and ARGWC-23 are defined by delineation piezometers ARAMW-1 and ARAMW-8, respectively. The horizontal delineations for lithium and molybdenum are shown in **Figure 5: Isoconcentration Map for Lithium September 2021** and **Figure 6: Isoconcentration Map for Molybdenum September 2021**. A proposed adoption of the US EPA regional screening levels (RSLs) for cobalt, lithium, and molybdenum by GA EPD may eliminate the SSLs.

Based on GA EPD guidance, wells with SSLs were further evaluated by Groundwater Stats Consulting (GSC) using the Sen's Slope/Mann Kendall trend test (**Appendix A: Statistical Trend Test Evaluation**). The full report generated from the statistical analyses is provided in **Appendix C: Statistical Analyses** of the *2021 Semi-Annual Groundwater Monitoring and Corrective Action Report* (Wood, 2022).

Georgia Power continues to monitor the groundwater at AP-2 DAS in accordance with the assessment monitoring program while ACM efforts are implemented to evaluate potential corrective measures to address SSLs of cobalt, lithium, and molybdenum in select AP-2 DAS monitoring wells.

1.4 Risk Evaluation

In addition to the assessment monitoring program at the Site, in December 2020 Georgia Power conducted a human health and ecological risk evaluation to evaluate cobalt SSLs in groundwater at AP-2 DAS. The evaluation provides one of many lines of evidence that will be evaluated and factored into the remedy selection process, which will be completed in accordance with § 257.97. Based on this risk evaluation, concentrations of cobalt detected in groundwater at AP-2 DAS between August 2016 and March 2020 are not expected to pose a risk to human health or the environment (Wood 2020c). Cobalt data collected since March 2020 are consistent with data used in the risk evaluation; therefore, the conclusion provided in the *2020 Risk Evaluation Report* (Wood 2020c) are supported by current conditions. The risk evaluation will be updated to include lithium and molybdenum, and the results will be submitted with the Remedy Selection Report.

As requested by GA EPD to identify potential users of groundwater in the area, an updated well survey of potential groundwater wells within a two-mile radius of AP-2 DAS was conducted and consisted of reviewing federal, state, county records, and online sources. The findings from this survey are consistent to the previous well survey conducted in 2020 (Wood, 2020c). The survey is included in **Appendix B: Updated Area Well Survey**.

2.0 SUMMARY OF WORK COMPLETED

The following summarizes the field investigations and data evaluations completed since the issuance of the *Semi-Annual Remedy Selection and Design Progress Report – Georgia Power Company Plant Arkwright AP-2 Dry Ash Stockpile* in July 2021 (Wood, 2021b). The work conducted during this reporting period was in support of delineating Appendix IV SSLs and collecting data for evaluation of the corrective measures presented in the ACM Report. The routine assessment monitoring event conducted in September 2021 is discussed in the *2021 Semi-Annual Groundwater Monitoring and Corrective Action Report* (Wood, 2022)

2.1 Field Activities

- August 30-September 1, 2021: A direct-push technology (DPT) rig was used to collect aquifer matrix samples (soil samples) from the saturated unconsolidated zone at five locations around AP-2 DAS. Two samples were also collected from two soil borings (SB-1 and SB-1A) upgradient of the unit near upgradient well ARGWA-20 to be representative of background soil conditions. Three soil boring locations (SB-3, SB-4, and SB-5) were selected to provide representative soils downgradient of AP-2 DAS. The approximate sampling locations are depicted on **Figure 2**, and field sampling/boring logs are provided in **Appendix C: Soil Borings Logs**. The sample depths were selected based on review of available boring logs from monitoring wells in the vicinity of the DPT boreholes to target the alluvium, residuum and/or highly weathered rock zones, which are consistent with the screened intervals of nearby overburden monitoring wells. The purpose of the soil borings was to analyze the aquifer matrix and evaluate attenuation capacities, mechanisms, and rates in the aquifer. The soil samples were analyzed for the following parameters.
 - Major and trace element concentrations, including Arsenic, Cobalt, Lithium and Molybdenum
 - Phase associations of Arsenic, Cobalt, Lithium and Molybdenum using a 7-step Sequential Extraction Procedure (SEP)
 - Total Organic Carbon (TOC)
 - Cation Exchange Capacity (CEC)
 - Grain Size Analysis
 - Arsenic Speciation

- Quantitative X-Ray Diffraction (XRD) Analysis to identify minerals and quantify weight percentages
 - Whole Rock Analysis By X-Ray Fluorescence (XRF) Spectroscopy for oxides and elements
-
- September 7-10, 2021: Routine semi-annual groundwater samples were collected from the detection wells (ARGWA-19, ARGWA-20, ARGWC-22, ARGWC-23) and the delineation piezometers (ARAMW-1, ARAMW-2, ARAMW-7, ARAMW-8). In addition to routine sampling for Appendix III and IV constituents discussed in the *2021 Semi-Annual Groundwater Monitoring and Corrective Action Report*, (Wood, 2022), major cations and anions were sampled and analyzed to characterize the geochemical composition of the groundwater and evaluate potential attenuation mechanisms in the aquifer. Additionally, silica, bromide, orthophosphate, and total organic carbon were analyzed in wells and piezometers listed above, except for ARGWC-21 to evaluate potential attenuation mechanisms. Well ARGWC-21 does not have an SSL and did not need the additional constituents analyzed.
 - September 30, 2021: Surface water samples were collected from six locations in Beaverdam Creek near AP-2 DAS. The surface water samples were analyzed for the Appendix III constituents, cobalt, lithium, molybdenum, and major ions to evaluate delineation of SSLs in groundwater. **Figure 2** depicts the locations of the monitoring well network, piezometers, and surface water locations in Beaverdam Creek at AP-2 DAS.

2.2 Data Analysis Activities

2.2.1 Characterization of Aquifer Solids

Five soil samples from borings SB-1, SB-1A, SB-3, SB-4, and SB-5 were submitted for chemical and mineralogical characterization. Analytical data reports are provided in **Appendix D: Laboratory Data for Aquifer Solids**. The analyses are described below.

2.2.1.1 Chemical and Mineralogical Characterization

The aquifer matrix (soil) samples from the five borings were submitted to Eurofins TestAmerica Laboratories, Inc. (Eurofins TestAmerica) of Pittsburgh, Pennsylvania to evaluate attenuation mechanisms and rates and aquifer capacity for attenuation. The mineralogical characterization analyses were conducted by Ellington Geological Services in Houston, Texas.

- CEC: Cation exchange capacity is the capacity of a soil to retain positively charged ions (cations) and as such is an important variable to understand when evaluating attenuation processes in aquifers. It is noted that while many metals are present as cations in soils under most environmental conditions (such as lead (Pb), zinc (Zn), aluminum (Al), cadmium (Cd), iron (Fe), etc.), a number of trace elements can also occur as oxyanions in nature, such as arsenic (As), selenium (Se), or molybdenum (Mo). It is therefore important to evaluate the soils CEC capacity to retain these ions via the sorptive processes (US EPA Phases II and III).
- Total Sulfur: The presence of sulfur in the aquifer materials may give an indication whether metals prone to precipitation as sulfides or co-precipitation with sulfidic minerals, such as iron, arsenic, copper, zinc, cadmium, and others, might be present in the aquifer matrix. Together with speciation of target analytes, possible attenuation mechanisms of specific analytes will be evaluated for the Site (US EPA Phases II and III).
- Organic Carbon Content: Organic carbon, if present, can contribute to the CEC of a soil and would therefore increase the sorptive capacity of a soil or aquifer matrix. In addition, organic carbon can provide an energy source for microbially mediated metal(loid)s transformations via redox reactions for mobilization/immobilization in the aquifers (US EPA Phases II and III).
- Grain Size Analysis: Qualitative and quantitative determination of the soil particle sizes is used in conjunction with the XRD analyses to evaluate the clays for their ability to sorb and retain metals (US EPA Phases II and III). Sieve Grain Size Analysis can determine the particles' size ranging from 0.075 millimeters (mm) to 100 mm. Solid particles smaller than 0.075 mm are distributed using the Hydrometer Method. Both sieve and hydrometer methods were run for aquifer solids at this Site.
- Mineralogy and Whole Rock Elemental Analyses: These analyses evaluate the structural and chemical nature of the saturated solids. Taken as a whole, XRD, XRF and elemental metals analysis of the solids by Inductively-Coupled Plasma (ICP) technique provide a comprehensive understanding of the solids composition and assists in the evaluation of possible attenuation mechanisms and capacity (US EPA Phases II and III).
 - XRD is a non-destructive analytical technique used primarily to determine the underlying crystalline structure of a material. Results can be used to determine bulk structural properties of the sample (such as grain size), and to identify and quantify the types of minerals present in the rock (mineralogy). Because XRD is limited to the

- penetration depth of the X-rays, the most useful information is gained for small (clay) particles.
- XRF is another non-destructive analytical technical that uses X-rays to evaluate the composition of solids. While XRD evaluates the scattering of X-rays, XRF measures the fluorescent (or secondary) X-rays emitted from a sample when excited by the primary X-ray source. XRF data reflect elemental content that is not shielded from the X-ray by overlying minerals in the grain. If mineral grains having surface coatings of a different mineral, the XRF results will reflect the grain-surface composition and not the entire grains' makeup. In addition, XRF is dependent on the electron-content of the atoms being analyzed. Elements with fewer electrons (such as beryllium and aluminum) are less easily analyzed.
 - ICP Analysis is a destructive technique through strong-acid digestion of samples that are vaporized to fine droplets and quantified on a spectrometer. Quantification of multi-elements provide data to evaluate inter-relationship of metals, because trace elements often occur in association with other elements with similar ionic properties ICP analysis is a better method to identify and quantify lighter weight elements (such as beryllium and aluminum) than XRF.

2.2.1.2 Sequential Extraction Procedure

In addition to the chemical and mineralogical characterization described above, samples SB-1, SB-1A, SB-4, and SB-5 were submitted for a sequential extraction procedure (SEP) at the Eurofins/TestAmerica laboratory in Knoxville, Tennessee on September 2, 2021. SEPs are chemical extractions used to remove metals from specific solid-associated phases to assesses the geochemical fractionation of trace elements within aquifer solids. SEPs use progressively stronger reagents to solubilize metals from increasingly recalcitrant phases.

Although these procedures do not identify the specific metal phases in a soil/aquifer matrix, they do provide a means to evaluate the stability of metal with solid phase associations in relation to oxidation/reduction (redox) potential and pH fluctuations (Tessier et al, 1979; Kuo et al., 1983; Sposito et al., 1984; Hickey and Kittrick, 1984; Gruebel et al., 1988).

The 7-step extraction procedure is described below.

- Step 1 (Exchangeable Phase): This extraction includes trace elements that are reversibly sorbed to soil minerals, amorphous solids, and/or organic material by electrostatic forces. These forces may be overcome by exposing the soil to a concentrated electrolyte solution, such as 1 molar (M) magnesium sulfate (MgSO_4) that displaces the trace elements from solid surfaces.
- Step 2 (Carbonate Phase): This extraction targets trace elements that are sorbed or otherwise bound to carbonate minerals. This phase is soluble in a mild acid solution (1M sodium acetate [NaOAc] solution in 25% acetic acid [HOAc] at pH 5).
- Step 3 (Non-Crystalline Materials Phase): This extraction targets trace elements that are complexed by, and co-precipitated with, amorphous solids (e.g., Fe/Mn/Al oxyhydroxides). This phase is extracted with 25 milliliters (mL) of 0.2M ammonium oxalate (pH 3).
- Step 4 (Metal Hydroxide Phase): Trace elements bound to crystalline hydroxides of Fe, Mn, and/or Al are extracted using a solution of 1M hydroxylamine hydrochloride in 25% volume per volume (v/v) acetic acid.
- Step 5 (Organic Phase): This extraction targets trace elements strongly bound via chemisorption to organic material. Oxidation of soil organic matter (using pH 9.5; at 5% sodium hypochlorite [NaOCl]), will bring into solution metals bound to organic functional groups.
- Step 6 (Acid/Sulfide Fraction): The extraction is used to identify trace elements precipitated as sulfide minerals. Metals associated with sulfide minerals will be extracted by leaching the soils with a 3:1:2 v/v solution of hydrochloric acid-nitric acid-water [$\text{HCl-HNO}_3\text{-H}_2\text{O}$] to dissolve the metal sulfide minerals. Sulfide phases are stable in the groundwater environment and can provide nonreversible attenuation under most conditions.
- Step 7 (Residual Fraction): Trace elements remaining in the soil after the previous extractions will be distributed between silicates, phosphates, and refractory oxides. These residual metals can be removed from the soil through total dissolution with hydrofluoric acid [HF], HNO_3 , hydrochloric acid [HCl] and boric acid [H_3BO_3]. These are stable, crystalline mineral phases in the aquifer solids that are broken down only with long-term weathering and thus, are not associated with attenuation mechanisms in the aquifer.

SEP data will be used to interpret the mechanism and potential reversibility of attenuation processes, consistent with Phases II and III of the MNA guidance. SEP results were not received until mid-February 2022. The data is currently under evaluation and will be presented in the next report.

3.0 SUMMARY OF RESULTS

The following presents the results of work outlined in Section 2.0.

3.1 Groundwater Analysis

Table 3: Analytical Data Summary summarizes the groundwater analytical data referenced in Section 2.0 from the AP-2 DAS detection wells and delineation piezometers and the September 2021 surface water samples from Beaverdam Creek. The laboratory reports for the groundwater and surface water samples collected in September 2021 are provided in the *2021 Semi-Annual Groundwater Monitoring and Corrective Action Report*, dated February 28, 2022 (Wood, 2022).

Major ion compositions of samples collected during the June 2020 sampling event were assessed using Stiff diagrams for groundwater characterization at the Site and evaluation of different corrective measures and are presented in the *Semi-Annual Remedy Selection and Design Progress Report* (Wood 2021a) submitted in February 2021. Conclusions from this geochemical assessment were:

- The upgradient wells indicate a calcium-bicarbonate type groundwater at AP-2 DAS.
- Downgradient wells for the AP-2 DAS area are mixed-type and include calcium-bicarbonate and calcium-sulfate water types.
- Delineation piezometers indicate a calcium-sulfate type groundwater.
- There are differences in groundwater geochemical composition between upgradient and downgradient groundwaters, suggesting variable underlying lithology and/or groundwater flow through CCR material.

The Sen's Slope/Mann Kendall trend test of the September 2021 SSLs is provided in **Appendix A** and shows statistically significant trends were identified for the following well/constituent pairs:

- Increasing trends:
 - Lithium: ARGWC-23
 - Molybdenum: ARGWC-23
- Decreasing trends:
 - Cobalt: ARGWC-22

Individual statistical concentration trend analysis of the five well/constituent pairs with SSLs in September 2021 showed two well/constituent pairs had increasing trends and one well/constituent pair had a decreasing trend while two well/constituent pairs had no trend. Site-wide concentrations trends (van Belle and Hughes method) indicated cobalt and molybdenum had significant decreasing trends and lithium had no significant non-zero trend. Results of the individual well and site-wide trends analyses indicate there is no consistent evidence of increasing constituents of concern (COC) mass or increasing COC extent site-wide at AP-2 DAS (Wood 2021b).

3.2 Delineation Piezometer Groundwater Analysis

Vertical delineation piezometers ARAMW-7 and ARAMW-8 were sampled in September 2021 using low flow sampling methods. Vertical delineation efforts for cobalt at ARGWC-22, lithium at ARGWC-22, ARAMW-2, ARGWC-23, and for molybdenum at ARGWC-23 will continue with additional sampling events to statistically evaluate the delineation data. Statistical analysis of delineation data will be performed for ARAMW-7 and ARAMW-8 (after a minimum of 4 sampling events).

3.3 Summary of Unconsolidated Aquifer Solids Analyses

Results of the unconsolidated soil samples collected from two background locations (SB-1 and SB-1A) upgradient of the unit and three locations (SB-3, SB-4, and SB-5) downgradient of AP-2 DAS are presented in this section. The data are presented in **Table 4: Summary of Select Soil Analytical Data** and **Appendix D**.

3.3.1 Cation Exchange Capacity (CEC)

As seen on **Table 4**, the highest CEC value measured was 54 meq/100 gm (milliequivalents per 100 grams), observed in the upgradient location SB-1. Downgradient values ranged from 4.8 meq/100gm observed in sample SB-5 to 14 meq/100gm seen in sample SB-3. The data reflects CEC values that could potentially provide variable attenuation capacities at the Site. These results will be further evaluated in upcoming reports as additional data regarding sorption and desorption processes become available.

3.3.2 Total Sulfur and Sulfide

As shown on **Table 4**, the total sulfur content of all aquifer solids samples was below analytical detection for the ICP analysis (less than 0.1% on a dry weight basis) and was shown to be non-detect for XRF analysis. **Table 3** shows that September 2021 sulfide concentrations in

groundwater were 2.7 mg/L or less. These results indicate there is limited availability of sulfides in the aquifer matrix and groundwater for natural attenuation processes.

3.3.3 Organic Carbon Content

Total organic carbon (TOC) concentrations were below the analytical detection limit of 800 to 1,200 mg/kg, except for sample SB-3, which was observed to contain 6,800 mg/kg TOC (**Table 4**). The results represent less than 1% TOC on a dry weight basis, which indicates little humus or other organic matter are contained in the samples. These results indicate organic matter will not serve as a significant attenuation mechanism at the Site.

3.3.4 Grain Size Analysis

The results of sieve and hydrometer analysis are presented in **Table 4**. Sand-size fraction dominates the soil texture, ranging from approximately 53% to 79%, while silt plus clay-size fractions range from approximately 47% to 7% upgradient to downgradient, respectively. The downgradient locations have also 4% to 15% gravel-size soils indicating coarse-textured soils predominate the downgradient locations, which are located adjacent to Beaverdam Creek. Percent clay calculations by Hydrometer Method are presented in **Appendix D**.

The decrease in clay content along with an increase in gravel and sand fractions suggests a general coarsening of grain size downgradient. While less clay content generally suggests lower adsorption capacity, the presence of appreciable clay minerals may increase the adsorption capacity. Clay content measured by XRD analysis suggests up to approximately 81% of clay content in the upgradient sample location and 6% to 13% clay in the downgradient samples (**Appendix D**). The higher clay mineral content of these samples (compared to clay-size grains) is likely that the clay mineral analysis detected both individual clay mineral grains and clay mineral coatings on other minerals grains. The hydrometer analysis measures the individual clay-size grains and not the clay coating. This suggests clay adsorption capacity may be larger than indicated by the hydrometer analyses.

3.3.5 Mineralogic and Whole Rock Elemental Analyses

3.3.5.1 X-Ray Diffraction Results

Results of the XRD analysis are presented in **Table 4** and the lab report in **Appendix D**. The upgradient sample SB-1 contains predominantly kaolinitic clay and lesser amounts of other clay minerals and plagioclase minerals. The downgradient samples contain predominantly quartz and plagioclase minerals with lesser amounts of kaolinite and illite clays. Iron is present as

goethite in SB-1, but SB-4 contains traces of pyrite (an iron sulfide mineral) that can also contain other heavy metals like arsenic and cobalt, among other thiophilic metals and metalloids. This also suggests strong weathering in SB-1 (upgradient) but incomplete weathering in SB-4 (near the creek). The presence of small amounts of pyrite suggests localized areas of reducing conditions persist as indicated by groundwater in downgradient wells having low dissolved oxygen and low oxidation reduction potential values. The weathering of the pyrite could be leading to increased dissolved concentrations of other heavy metals like arsenic and cobalt in groundwater.

3.3.5.2 X-Ray Fluorescence and ICP Analyses

Results of multi-element analysis by XRF and ICP are provided in **Table 4** and the laboratory reports in **Appendix D**. Upgradient sample, SB-1, is relatively poor in silicon and calcium, and rich in aluminum compared to downgradient samples SB-3, SB-4 and SB-5. SB-1 is also much richer in iron, titanium, barium, and manganese than the other three downgradient samples.

Similar to XRF data, the ICP analytical data (**Table 4**) show similar patterns; SB-1 is relatively rich in aluminum and iron, (along with many heavy metals and metalloids) relative to SB-3, SB-4, and SB-5. There are also significant amounts of iron and manganese in the downgradient samples to provide attenuation capacity for metals in the aquifer.

Arsenic speciation in aquifer solids samples was conducted on samples from SB-1, SB-1A, and SB-4 to evaluate the occurrence of arsenic in a delineation well, ARAMW-2. Arsenate (As^{5+}) was present in detectable concentrations in SB-1 and SB-4 (but not in SB-1A). Arsenite (As^{3+}) was detected only in SB-1A at very low concentration (**Table 4**). Additional evaluation of the occurrence of arsenic in groundwater may be performed in the future if there is a statistical exceedance for arsenic at the Site. Currently, arsenic is below the GWPS and as such no additional evaluation of the aquifer solids is warranted at this time.

3.4 Updated Conceptual Site Model

Following the collection and evaluation of the additional data described in Sections 3.1 through 3.3, the conceptual site model for the AP-2 DAS unit has been updated accordingly. The update was to delineate SSLs identified during the October 2020 through September 2021 semi-annual events and to evaluate the geochemical profile to be used for evaluating the feasibility of potential corrective measures. The additional data collected during the second semi-annual period of 2021 are summarized as follows.

- Iso-concentrations maps for cobalt, lithium, and molybdenum (**Figures 4 through 6**) suggest that these COCs are relatively stable or are not expanding downgradient of the wells with SSLs compared to previous monitoring data. Thus, the concentration plumes are either stable or are not spatially expanding with time. Results of the site-wide trends indicate there is no consistent evidence of increasing COC mass.
- Cobalt, lithium, and molybdenum SSLs are horizontally delineated by surface water samples from Beaverdam Creek to below the GWPSs, which are based on site-specific background. Vertical delineation of cobalt, lithium, and molybdenum are on-going and will be statistically evaluated following the collection of the fourth sample from delineation piezometers ARAMW-7 and ARAMW-8. The extent of cobalt, lithium, and molybdenum are shown on **Figures 4, 5, and 6**.
- Cobalt in ARGWC-22 shows a decreasing trend as indicated by the Mann Kendall trend test, individual well and site-wide trend analyses, and the cobalt concentration in ARGWC-22 was below the laboratory reporting level in September 2021. Individual well trends indicate a single well ARGWC-23 showing an increasing trend for lithium. However, the concentration of lithium (0.045 mg/L) in ARGWC-23 is only slightly above the US EPA RSL of 0.040 mg/L. Individual well trends indicate a single well ARGWC-23 showing an increasing trend for molybdenum. However, the concentration of molybdenum (0.071 mg/L) is below the US EPA RSL of 0.1 mg/L.
- Major ion composition of groundwater at the Site does not vary greatly over time based on concentrations of groundwater samples collected from June 2020 through September 2021.
- Hydraulic conductivity values estimated from slug tests performed in March 2021 are consistent with hydraulic conductivity estimates for Piedmont soils and rock. Hydraulic conductivity values for wells screened in overburden (silty sand to sandy silt) range from 8.32×10^{-5} centimeters per second (cm/sec) to 7.56×10^{-4} cm/sec and wells screened in upper fractured bedrock range from 9.86×10^{-6} cm/sec to 5.34×10^{-3} cm/sec.
- Groundwater level monitoring data collected in 2020 through September 2021 from the Site monitoring wells and delineation piezometers show stable water level trends. The potentiometric surface maps reflect groundwater generally flowing across AP-2 DAS toward the south in the direction of Beaverdam Creek, which is consistent with previous observations.

- There are differences in soil characteristics and groundwater geochemical composition between upgradient and downgradient areas, suggesting variable underlying lithology and groundwater flow. The decrease in clay content along with an increase in sand fractions suggests a general coarsening of grain size downgradient. Lithological variations are likely to contribute to the changes in chemical composition in downgradient groundwater. Indicator (Appendix III) constituents reflect groundwater flow through CCR material from upgradient to downgradient areas. Additional data collection and evaluation will be conducted of the aquifer characteristics controlling solubility, mobility, and attenuation for target constituents in the groundwater.
- New data are included in this report for characterization of unconsolidated aquifer solids and evaluation of aquifer capacity and attenuation mechanisms for cobalt, lithium, and molybdenum, consistent with the phased approach of US EPA's guidance for the implementation of MNA (i.e., Phases II and III). Preliminary evaluations of the data suggest variable capacity of adsorption of metals onto amorphous oxides and clay minerals. Further evaluations of the data along with the SEP data will continue through the subsequent reporting periods for the final selection of a remedy at the Site.

4.0 UPDATED EVALUATION OF CORRECTIVE MEASURES

As discussed during the last progress report, two of the six potential corrective measures were eliminated from further evaluation. These included the installation of a PRB and a subsurface vertical barrier wall. In situ stabilization was found to be infeasible in the December 2020 ACM Report (Wood, 2020a). The other four potential corrective measures were retained for further evaluation. Data collected during the past six months reported in the current progress report have not resulted in the elimination of additional corrective measures. Therefore, the following corrective measures will be retained for further evaluation.

- Geochemical Approaches (In-Situ Injection)
- Hydraulic Containment (Pump and Treat)
- Monitored Natural Attenuation
- Phytoremediation

4.1 Geochemical Approaches (In-Situ Injection)

In-situ injections of reagents are a remediation technology for inorganic constituents such as cobalt, lithium, and molybdenum. Cobalt and molybdenum can be precipitated and/or immobilized under different combinations of pH and redox conditions. Lithium, however, because of its low reactivity and high solubility is not amenable to precipitation or immobilization involving manipulation of pH and redox conditions, but lithium may be sorbed to aluminum and iron oxides as well as clay minerals. To understand the biogeochemical processes that would effectively immobilize target constituents in groundwater, site-specific bench-scale and pilot-scale treatability studies are needed to prepare an effective amendment to create the appropriate conditions for the precipitation and/or sorption of these constituents without mobilizing other naturally occurring constituents.

Air-sparging, in-situ chemical oxidation (ISCO) or in-situ chemical reduction (ISCR) can be used to chemically alter the redox environment in the subsurface to affect the mobility and/or toxicity of certain inorganic compounds. However, mixing and contact with the target constituents are necessary for these in-situ methods, and can be difficult in heterogeneous and fine-grained materials. In-situ injections may be considered a potentially viable corrective measure to address cobalt and other metals in groundwater at AP-2 DAS, especially in smaller, more localized areas. In-situ injection would likely need to be combined with an alternative technology to address lithium to provide a complete remedy for the former CCR Unit. This technology will be retained for further evaluation.

4.2 Hydraulic Containment (Pump and Treat)

Generally, hydraulic containment (or control) refers to the use of groundwater extraction to artificially induce a hydraulic gradient and capture or control the migration of impacted groundwater. Groundwater pump and treat is often considered to be a viable remedial technology at many sites (US EPA, 1996). This approach uses extraction wells or trenches to capture groundwater, which may subsequently require above-ground treatment and permitted discharge to a receiving water feature or sewer system, reinjection into the aquifer, or reuse at the Site. Groundwater pump and treat is often relatively slow as a means to restore groundwater quality over a long-term period, but can be effective as an interim measure, or combined with another measure, to provide hydraulic containment to limit constituent migration toward a potential receptor.

Groundwater extraction for hydraulic control can often effectively address the variety of inorganic constituents encountered at CCR sites, including cobalt, lithium, and molybdenum. Extraction technologies may be more efficient for conservative species, such as lithium, which are not readily attenuated by other mechanisms (e.g., precipitation, adsorption). Therefore, pump and treat is a potentially viable corrective measure for cobalt, lithium, and molybdenum in groundwater at AP-2 DAS and will be retained for further evaluation.

4.3 Monitored Natural Attenuation

The US EPA defines MNA as the reliance on natural attenuation processes (within the context of a carefully controlled and monitored site cleanup approach) to achieve site-specific remediation objectives within a time frame that is reasonable compared to that offered by other more active methods. The natural attenuation processes that are at work in such a remediation approach include a variety of physical, chemical, or biological processes that, under favorable conditions, act without human intervention to reduce the mass, toxicity, mobility, volume, or concentration of contaminants in soil or groundwater (US EPA, 2015).

Attenuation mechanisms for inorganic constituents, such as cobalt, lithium, molybdenum, are either physical (e.g., dilution, dispersion, flushing, and related processes) or chemical (e.g., sorption or oxidation reduction reactions). Both molybdenum and cobalt undergo sorption to iron and manganese oxides and depending on specific redox conditions. Thus, chemical attenuation mechanisms through sorption reactions, discussed in more detail below, may be viable as a corrective measure for cobalt and molybdenum. Other attenuation mechanisms may be appropriate as a polishing step.

The US EPA uses four phases to establish whether MNA can be successfully implemented at a given site. The phases (or steps) include:

1. Demonstration that SSLs in groundwater are delineated and stable or decreasing.
2. Evaluation of the mechanisms and rates of attenuation.
3. Assessment if the capacity of the aquifer is sufficient to attenuate the mass of constituents in groundwater and that the immobilized constituents are stable and will not remobilize.
4. Design of a performance monitoring program based on the mechanisms of attenuation and including a decision framework for consideration of a contingent remedy tailored to site-specific conditions should MNA not perform adequately.

A successful MNA approach requires a good understanding of hydrogeologic conditions and may require additional information and monitoring over an extended period of time.

Physical and chemical MNA mechanisms for cobalt, lithium, and molybdenum can be operational without the potential for additional mass of constituents migrating to downgradient groundwater. Cobalt concentrations have been decreasing over time in detection well ARGWC-22 and is below the reporting limit in September 2021. While lithium and molybdenum levels have been increasing over time in detection well ARGWC-23, these concentrations are at or below the US EPA RSLs, and both lithium and molybdenum are not detected in surface water near this well. The COCs are horizontally delineated and considered stable in surface water through routine measurements in Beaverdam Creek, which is near these well locations. Therefore, MNA is a potentially viable corrective measure for cobalt, lithium, and molybdenum in groundwater at AP-2 DAS and will be retained for further evaluation. Because the CCR material in AP-2 will be removed and placed in a lined-landfill at a different location, MNA is a viable stand-alone option or in combination with one or more of other options retained in this evaluation.

4.4 Phytoremediation

Phytoremediation is the use of plants to degrade, immobilize, or contain constituents in soil, groundwater, surface water, and sediments. Phytotechnologies include a variety of applications ranging from constructed wetlands, alternative landfill covers, tree plantations for hydraulic control, use of plants for slope stabilization, planted (riparian) buffers for nutrient management and sediment control, and the classical applications of constituent uptake and degradation.

Phytoremediation has emerged as a viable alternative to more active environmental cleanup technologies, especially for large areas with relatively low levels of constituents in shallow soils or groundwater.

The effectiveness of groundwater remediation using traditional phytoremediation approaches may be limited by compacted soil conditions that impede root penetration; or target groundwater that is too deep for root access. Given that downgradient groundwater wells at the Site that exhibited SSLs for cobalt, lithium, and molybdenum are screened to depths of up to 45 feet below ground surface (bgs), traditional plantings for phytoremediation are not expected to be successful. However, more recently, an engineered approach to phytoremediation, the *TreeWell*® system (which is a proprietary system developed by Applied Natural Sciences), has been shown to overcome these constraints (e.g., Gatliff et al., 2016).

By installing a cased “well” for tree planting using large diameter auger technology, extraction of deeper groundwater zones (i.e., in excess of 50 feet bgs) can be achieved since the surface of the “well” is sealed and only groundwater from a targeted zone is allowed into the cased-off borehole. This type of system mirrors a traditional mechanical extraction system using the trees as pumps. Also, the advantage of the system includes no above-ground water management needs and limited long-term operations and maintenance requirements following the establishment of the tree system.

With the exception of the *TreeWell*® technology, phytoremediation technologies are not likely feasible at the AP-2 DAS unit due to the depth of SSLs. Although the *TreeWell*® technology can access SSLs at depth, the groundwater extraction rate needed to limit SSL migration needs to be further evaluated to determine if the capacity of the *TreeWell*® technology is applicable at AP-2 DAS. The limited physical space for installation of a phytoremediation system between AP-2 DAS and the adjacent surface water body (Beaverdam Creek) may cause the technology to be eliminated from consideration. Thus, phytoremediation may be technically feasible as a remedial technology for cobalt, lithium, and molybdenum; however, there is not enough site information currently available to decide to eliminate this technology from further evaluation and this technology will be retained until data indicates it is not a feasible technology.

4.5 Summary of Corrective Measures Evaluated

Based on the data collected to date, four of the six potential corrective measures being evaluated for AP-2 DAS will be retained for further evaluation. These include geochemical approaches (in-situ injection), hydraulic containment (pump and treat), monitored natural attenuation, and phytoremediation. The corrective measures PRB and subsurface vertical barrier

walls have been removed from further consideration due to site limitations. In situ stabilization was found to be infeasible in the December 2020 ACM Report (Wood, 2020a).

Given that groundwater conditions and/or statistical results continue to change and are likely to also be affected by closure and construction activities at AP-2 DAS, an adaptive site management approach will continue to be used to address groundwater conditions as a consequence of closure activities. Continued groundwater monitoring and updates to the statistical analyses will further refine the conceptual site model (CSM) and allow for the continued evaluation of an appropriate groundwater corrective measure at the Site.

5.0 PLANNED ACTIVITIES & ANTICIPATED SCHEDULE

The proposed closure by removal approach provides a source control measure that reduces the potential for migration of CCR constituents to groundwater. During the pond closure by excavation and consolidation of CCR, temporary changes in site conditions may occur that must be considered as part of remedy selection. Georgia Power has initiated activities as outlined in the ACM Report (Wood, 2020a) to support the groundwater remedy selection process and address potential changes in site conditions as appropriate. The adaptive site management approach toward remedy selection may be adjusted over the Site's life cycle as new site information and technologies become available. To this end, Georgia Power will continue its data collection efforts as necessary in support of efforts to refine the CSM and to further evaluate the feasibility of the corrective measures retained for further evaluation such that an appropriate groundwater corrective measure may be selected.

Some of the data needed to refine the conceptual site model may be collected concurrent with routine groundwater monitoring events under the assessment monitoring program. Additional data collection and analysis outside of routine groundwater monitoring events may include geochemical conceptual site model, material compatibility testing, bench scale studies, and pilot tests. Once sufficient data are available to arrive at a focused number of corrective measures or a combination of corrective measures that would provide an effective groundwater remedy, necessary steps will be taken to implement a remedy at the Site in accordance with 40 CFR § 257.97(a).

Supplementary data collection and evaluation activities proposed to be completed during the next semi-annual reporting period are presented in the **Table 5: Proposed ACM Supplementary Data Analyses and Collection Tasks for First Semi-Annual Period 2022** and summarized below.

- Statistical evaluation of analytical data at vertical delineation piezometers ARAMW-7 and ARAMW-8 upon completion of 4 sampling events.
- Continue evaluation of the vertical extent of cobalt, lithium, and molybdenum SSLs at the Site.
- Install transducers in groundwater monitoring wells and/or staff gauge(s) in Beaverdam Creek and monitor elevations to evaluate hydraulic divide.
- Evaluate the aquifer characterization data reported for factors controlling the solubility, mobility, and attenuation of target constituents showing SSLs in groundwater at the Site.

Georgia Power will continue to prepare semi-annual progress reports to document AP-2 DAS conditions, results associated with additional data collection, and the progress in selecting and designing a groundwater remedy in accordance with 40 CFR § 257.97(a). Georgia Power will include future semi-annual progress reports in routine groundwater monitoring and corrective action reports.

6.0 REFERENCES

- Gatliff, E., Linton P., Riddle, D., and Thomas P., 2016. Phytoremediation of Soil and Groundwater.
- Gruebel, K. A., J. A. Davies, and J. O. Leckie (1988). The Feasibility of Using Sequential Extraction Techniques for Arsenic and Selenium in Soils and Sediments. *Soil Sci. Soc. Am. J.* 52: 390-397.
- Hickey, M. G., and J.A. Kittrick (1984). Chemical Partitioning of Cadmium, Copper, Nickel, and Zinc in Soils and Sediments Containing High Levels of Heavy Metals. *J. Environ. Qual.* 13: 372-376.
- Kuo, S., P.E Heilman, and A.S. Baker (1983). Distribution and Forms of Copper, Zinc, Cadmium, Iron, and Manganese in Soils Near a Copper Smelter. *Soil Sci.*135: 101-109.
- Sposito, G., C. S. LeVesque, J. P. LeClaire and N. Senesi (1984). Methodologies to Predict the Mobility and Availability of Hazardous Metals in Sludge-Amended Soils. California Water Resource Center. University of California, Davis, CA.
- Tessier A., P.G.C. Campbell, and M. Bisson (1979). Sequential Extraction Procedures for the Speciation of Particulate Trace Metals. *Anal. Chem.* 51(7): 844-851.
- United States Environmental Protection Agency (US EPA), 1996. Final Guidance: Presumptive Response Strategy and Ex-Situ Treatment Technologies for Contaminated Ground Water at CERCLA Sites, US EPA 540/R-96/023, Office of Solid Wasted and Emergency Response Directive 9283.1-12, October 1996.
- United States Environmental Protection Agency (US EPA), 2007, Monitored Natural Attenuation of Inorganic Contaminants in Groundwater, Volume 1, EPA/600/R-07/139, Office of Research and Development, October 2007.
- United States Environmental Protection Agency (US EPA), 2015. Use of Monitored Natural Attenuation for Inorganic Contaminants in Groundwater at Superfund Sites, U.S Environmental Protection Agency, Office of Solid Wasted and Emergency Response, Directive 9283.1-36. August.
- van Belle, G. and Hughes, J.P., 1984. Nonparametric Tests for Trend in Water Quality. *Water Resources Research*, 20, 127-136.

Wood Environment & Infrastructure Solutions, Inc., 2020a. Assessment of Corrective Measures Report – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, December 2020.

Wood Environment & Infrastructure Solutions, Inc., 2020b. 2020 Annual Groundwater Monitoring and Corrective Action Report – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, July 31, 2020.

Wood Environment & Infrastructure Solutions, Inc., 2020c. Risk Evaluation Report – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, December 2020.

Wood Environment & Infrastructure Solutions, Inc., 2021a. Semi-Annual Remedy Selection and Design Progress Report – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, February 26, 2021.

Wood Environment & Infrastructure Solutions, Inc., 2021b. Semi-Annual Remedy Selection and Design Progress Report – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, July 30, 2021.

Wood Environment & Infrastructure Solutions, Inc., 2022. 2021 Semi-Annual Groundwater Monitoring and Corrective Action Report – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, February 28, 2022.

TABLES

**TABLE 1
EVALUATION OF REMEDIAL TECHNOLOGIES
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, GA**

Corrective Measure	Regulatory Citation for Criteria:		
	Description	Georgia Rule 391-3-4-.10(6)(a)	
		Performance	Reliability
Geochemical Approaches (In-Situ Injection)	Use of an injection well network, or other means of introducing reagents or air into the subsurface, to provide suitable reagents for either anaerobic or aerobic attenuation of Cobalt (Co) and molybdenum (Mo). Under anaerobic conditions, Co would be attenuated within sparingly soluble sulfide minerals; this approach might also increase the attenuation of Mo. Because Li does not readily adsorb or precipitate, in-situ injections are likely not an effective remedial technology for Li. Under aerobic conditions, soluble iron or manganese and oxygen (either via air sparging or through a chemical oxidant) would be injected to promote the formation of iron or manganese (oxy-) hydroxides for subsequent sorption of Co (and potentially, Mo) onto these mineral phases. If sufficient iron is present in groundwater, the use of air sparging alone may be considered to precipitate iron (oxy-) hydroxides for sorption. In-situ chemical oxidation (ISCO) or in-situ chemical reduction (ISCR) can be used to chemically alter the redox environment in the subsurface to affect the mobility of certain inorganic compounds, including Co. However, the main attenuation mechanism for Co and Mo is sorption, which is more dependent on pH than redox.	The effective immobilization of Co has been shown under aerobic and anaerobic conditions; however, the anaerobic approach (involving the injection of an electron donor together with iron or manganese and sulfur) requires careful study and testing. While aerobic approaches are somewhat less complex, additional aquifer characterization is needed to further evaluate these options. It is currently not well understood whether molybdenum can be efficiently attenuated using in-situ redox manipulations due to slow reaction kinetics. Mo attenuation under both aerobic and anaerobic conditions needs to be further evaluated but is expected to occur. Mo is more strongly sorbed to aluminum oxides than other metal oxides, and it is generally less sorptive and more mobile compared to Co. It is not thought that lithium can be efficiently attenuated using in-situ redox manipulations because of Lithium's low reactivity. Lithium is generally less sorptive and more mobile compared to Co.	Reliability dependent on permeability of the subsurface and the amount and distribution of secondary iron or manganese (oxy-) hydroxides (for aerobic approach), or electron donors and soluble iron or manganese and sulfur that can be consistently distributed (for anaerobic approach). Reliable technology if injected materials can be distributed throughout the impacted aquifer. Bench-and/or pilot-scale treatability testing programs are needed to understand the biogeochemical processes that would effectively reduce migration of Co and Mo in groundwater. In-Situ Injection would need to be used in conjunction with another technology to reduce migration of Lithium.
Pump and Treat (Hydraulic Containment)	Pump and Treat (P&T) refers to the use of groundwater extraction to induce a hydraulic gradient for hydraulic capture or control the migration of impacted groundwater. This approach uses extraction wells or trenches to capture groundwater, which may subsequently require above-ground treatment and permitted discharge to a receiving water feature, reinjection into the groundwater, or reuse (e.g., land application, CCR conditioning, etc.). It is applicable to a variable mix of inorganic constituents, including dissolved Co, Mo, and Li.	P&T is effective at providing hydraulic control, but it is unclear whether full groundwater remediation can be achieved without further understanding attenuation mechanisms at the Site. At the AP-2 Dry Ash Stockpile, implementation of the corrective measure is contingent on completing additional assessment activities (i.e., high-resolution site characterization, additional pump tests, flow modeling, and capture zone analysis). This is needed to refine the constituent distribution in the subsurface to target specific zones for pumping for improved mass recovery efficiency/ effectiveness and to further evaluate the potential remedy performance.	Generally reliable for hydraulic containment, but uncertainty exists whether groundwater remediation goals can be achieved within a reasonable time frame without further understanding attenuation mechanisms.
Monitored Natural Attenuation (MNA)	MNA relies on natural attenuation processes to achieve site-specific remediation objectives within a reasonable time frame relative to more active methods. Under certain conditions (e.g., through sorption, mineral precipitation, or oxidation-reduction reactions), MNA effectively reduces the dissolved concentrations of inorganic constituents in groundwater. Attenuation mechanisms for inorganic constituents at CCR sites, including cobalt (Co) molybdenum (Mo) and Lithium (Li) at AP-2 Dry Ash Stockpile, are either physical (e.g., dilution, dispersion, flushing, and related processes) or chemical (e.g., sorption or oxidation reduction reactions). The chemical attenuation processes include precipitation and sorption reactions such as adsorption on the surfaces of soil minerals, absorption into the matrix of soil minerals, or partitioning into organic matter. Further, oxidation-reduction (redox) reactions, via abiotic or biotic processes, can transform the valence states of some inorganic constituents to less soluble and thus less mobile forms. For Co and Mo, the main attenuation processes include sorption to iron and manganese oxides (Co and Mo), aluminum oxides (Mo), and formation of sparingly soluble sulfide minerals (Co). For Li, aluminum salts and/or clay have shown promise for precipitating or adsorbing Li out of freshwater. Lithium's low reactivity and high solubility makes it difficult to chemically attenuate such that physical methods of dispersion and flushing are needed for attenuation.	Physical and chemical MNA mechanisms for Co, Mo, and Li, including dilution, dispersion, sorption, and oxidation reduction reactions can be effective at achieving groundwater protection standards (GWPS) within a reasonable time frame. Attenuation processes for Co and Mo may already be occurring at the site as evidenced by data from some wells. Source control will improve the mass balance such that the buffer capacity of the aquifer is unlikely to be exhausted, and the attenuation processes already at work for Cobalt at AP-2 Dry Ash Stockpile will further enhance ongoing MNA. Lithium's low reactivity and high solubility makes it difficult to chemically attenuate such that physical methods of dispersion and flushing are needed for attenuation. Cationic adsorption to clays in the aquifer is feasible, but occurs slowly.	Reliable as long as the aquifer conditions that result in Co, Mo, and Li attenuation remain favorable and/or are being enhanced and sufficient attenuation capacity is present. MNA is reliable and can either be used as a stand-alone corrective measure for groundwater impacted by dissolved Co, Mo, and/or Li, or in combination with a second technology, particularly for Li.
Permeable Reactive Barrier	Permeable reactive barrier (PRB) technology typically involves the installation of a permeable subsurface wall constructed with reactive media for the removal of constituents as groundwater passes through. Either ZVI-Carbon matrix or solid carbon (bio-barrier) are currently proposed for the concurrent removal of Co and Mo. The carbon could be composed of peat moss, mulch, or another carbon source. Exact placement of the PRB is contingent on finalization of the nature and extent characterization. PRB walls are typically keyed into the bedrock. While the relatively shallow groundwater in the residuum and fractured bedrock is connected to the groundwater in more competent bedrock, the higher permeability/conductivity of the PRB is not expected to impede groundwater flow. PRBs can also be constructed as "funnel and gate" systems, where a barrier wall directs groundwater to a smaller "treatment gate" filled with reactive media.	PRBs have been shown to effectively address Co and Mo in groundwater if the right mix of reactive materials (e.g., ZVI and carbon) is selected for concurrent removal/immobilization of these constituents. The approach is expected to achieve GWPS for Co and Mo as impacted groundwater passes through the reactive barrier. Mo redox kinetics may be slow and hence a thicker wall might be needed relative to solely treating for Co. Furthermore, additional testing is required to select the appropriate sorptive media mix, especially related to Mo. Due to its low reactivity, lithium may be more challenging to treat using PRBs. In laboratory studies, zeolites and clays such as bentonite and kaolin have been shown to exhibit lithium-sorbing characteristics. However, there have not been field testing of these material and generally PRBs are not recommended for Lithium remediation.	Reliable groundwater corrective measure, but loss of reactivity over time may require re-installation depending on the duration of the remedy. Additional data collection, including conducting a bench and/or pilot study, is needed to better characterize current attenuation mechanisms and/or select the appropriate reactive media mix for a PRB wall. A different media and a secondary technology may be needed to remediate Lithium.

TABLE 1
EVALUATION OF REMEDIAL TECHNOLOGIES
Plant Arkwright
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Macon, GA

Corrective Measure	Regulatory Citation for Criteria:		Georgia Rule 391-3-4-.10(6)(a)	
	Description	Performance	Performance	Reliability
Phytoremediation / TreeWell®	Phytoremediation uses trees and other plants to degrade or immobilize constituents or achieve hydraulic control without the need for an above-ground water treatment system and infrastructure. Within the context of the AP-2 Dry Ash Stockpile, this corrective measure would likely use an engineered (proprietary) TreeWell® phytoremediation system along the point of compliance or downgradient edge of the impacted groundwater for hydraulic control. The system promotes root development to the targeted groundwater zone (depth), allowing for hydraulic control of impacted groundwater. In addition, immobilization of Co, Mo, and Li within the root zone as well as incidental uptake of dissolved Co, Mo, and Li with groundwater is expected to occur concurrent with hydraulic control.	Once established (typically at the end of the third growing season), a TreeWell® system is effective for providing hydraulic containment of groundwater, and potential reduction of Co concentrations through immobilization and/or uptake and sequestration in the tree biomass; however, the main purpose is to provide hydraulic control. Given the site-specific hydrogeology and reported Co, Mo, and Li groundwater concentrations surrounding the AP-2 Dry Ash Stockpile, the approach is currently considered to be applicable in this setting. However, additional aquifer testing and/or groundwater flow modeling may be needed to confirm suitability for the area downgradient of the AP-2 Dry Ash Stockpile.	Engineered phytoremediation is a proven technology where hydrogeologic factors are taken into account (e.g., hydraulic conductivity, flow velocity, depth to impacted groundwater zone, etc.). This is considered an active remedial approach through the use of trees as the "pumps" driving the system. Careful design will be needed to select the proper species, which will include consideration of groundwater chemistry, plant uptake of constituents, and groundwater flow modeling to evaluate the required number and placement of TreeWell® units.	
Subsurface Vertical Barrier Walls	This approach involves placing a barrier to groundwater flow in the subsurface, frequently around a source area, to prevent future migration of dissolved constituents in groundwater from beneath the source to downgradient areas. In general, barrier walls are designed to provide containment; localized treatment achieved through the sorption or chemical precipitation reactions from construction of the walls are incidental to the design objective. Barrier walls can also be used in downgradient applications; to limit discharge to a surface water feature or to reduce aquifer recharge from an adjacent surface water feature when groundwater extraction wells are placed near one. A variety of barrier materials can be used, including cement and/or bentonite slurries, geomembrane composite materials, or driven materials such as steel or vinyl sheet pile. Groundwater extraction from upgradient of the barrier is required to avoid groundwater mounding behind the barrier.	Barrier walls are a proven technology for seepage control and/or groundwater cutoff at impoundments. Slurry walls are limited by the depth of installation, which is approximately 90 ft bgs. However, site-specific geologic and technology-specific considerations may limit this depth to shallower installations. Within the context of AP-2 Dry Ash Stockpile, a barrier wall might be used in conjunction with a "funnel and gate" system for a PRB rather than a stand-alone technology. As such, groundwater with Co, Mo, and Li above GWPS could either be directed to "treatment gates" for passive treatment (in a PRB) or migration of impacted groundwater could be minimized via barrier wall installation. Additional treatment technology, beyond treatment for Cobalt, would be needed to treat Lithium in either extracted groundwater or in-situ. Additional subsurface investigations, aquifer testing, and compatibility testing with site-specific groundwater will be needed.	Generally reliable as a barrier to groundwater flow; however, treatment of downgradient groundwater is incidental and not the primary objective.	

TABLE 1
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Corrective Measure	Georgia Rule 391-3-4-.10(6)(a) Ease of Implementation	Georgia Rule 391-3-4-.10(6)(a) Potential Impacts	Georgia Rule 391-3-4-.10(6)(a) Time Requirement to Begin/Complete
Geochemical Approaches (In-Situ Injection)	Moderate. Installation of injection well network or other injection infrastructure would be required. Alternative installation approaches may be considered, such as along the downgradient edge of impacted groundwater, which would function similar to a PRB application. Potential for clogging of aquifer matrix and/or injection well infrastructure. Chemical distribution during injections (i.e., radius of influence) needs to be evaluated.	Minimal impacts are expected if remedy works as designed, based on a thorough pre-design investigation, geochemical modeling, and bench/pilot study results. Redox-altering processes have the potential to mobilize naturally-occurring constituents as an unintended consequence if not properly studied and implemented.	Installation of the injection network can be accomplished relatively quickly (1 to 2 months). However, a thorough pre-design investigation, geochemical modeling, and/or bench- and/or pilot-testing will be required to obtain design parameters prior to design and construction of the corrective measure, which may take up to 24 months. Once installed, the time required to achieve GWPS within the treatment area may be relatively quick but depends on the attenuation process kinetics of each targeted constituent. The time for complete distribution of the injected materials throughout the treatment area is also variable.
Pump and Treat (Hydraulic Containment)	Moderate. Proven approach, and supplemental installation of extraction wells/trenches is fairly straightforward. The extracted groundwater may potentially require an above-ground treatment system. A variety of sorption and precipitation approaches exist for ex-situ treatment of Co and Mo. Treatment of Lithium would require a different treatment technology than Co and Mo. Operation and maintenance (O&M) requirements are expected to include upkeep of infrastructure components (pumps, pipes, tanks, instrumentation and controls, above-ground treatment system) and handling of treatment residuals.	Moderate. The main potential impacts are related to the presence and operation of an on-site above-ground water treatment facility and related infrastructure to convey and treat extracted groundwater. Pumping activity may unintentionally alter the geochemistry within the hydraulic capture zone. Also, nearby surface water will need to be taken into account for hydraulic and geochemical impacts to pumping groundwater.	Installation of extraction wells and/or trenches can be accomplished relatively quickly (1 to 2 months). However, additional aquifer testing, system design and installation, and permit approval may be required, which may take up to 24 months. The initiation of the approach would be contingent on the start-up of the wastewater treatment infrastructure. Hydraulic containment can be achieved relatively quickly after startup of the extraction system, but uncertainty exists with respect to the time to achieve GWPS without additional data collection to better understand attenuation mechanisms for Co, Mo, and Li.
Monitored Natural Attenuation (MNA)	Reasonably implementable with respect to infrastructure, but moderate to complex with respect to documentation. Proven approach, and additional preliminary data show that the existing attenuation capacity is sufficient and sustainable to meet site objectives within a reasonable timeframe. A monitoring well network already exists to implement future groundwater monitoring efforts.	None. MNA relies on the natural processes active in the aquifer matrix to reduce constituent concentrations without disturbing the surface or the subsurface.	The infrastructure to initiate MNA is already in place. Demonstrating attenuation mechanisms and capacity can be time-consuming and can take up to 24 months. MNA is expected to be successful within a reasonable time frame for Co and Mo. Li rate of attenuation is slower than Co and Mo.
Permeable Reactive Barrier	Moderate to difficult. Trenching would be required to install a mix of reactive materials in the subsurface. Continuous trenching may be the most feasible construction method. Site-specific geology (i.e., partially weathered bedrock layer) poses a possible constructability challenge when attempting to key PRB material into competent bedrock. Installation methods and materials are readily available. Once installed, treatment will be passive and O&M requirements are minimal if replacement of the PRB is not necessary.	Minimal impacts are expected following the construction of the remedy. However, ZVI has the potential to create anaerobic conditions downgradient of the PRB wall that may mobilize redox-sensitive naturally-occurring constituents. These conditions need to be carefully monitored. Short-term impacts during the construction of the remedy can be mitigated through appropriate planning and health and safety measures.	Installation of a PRB can be accomplished relatively quickly (6 to 12 months), depending on the final location and configuration. However, bench- and/or pilot- testing would be required to obtain design parameters prior to design and construction of the remedy, which may take up to 24 months. Once installed, the time to achieve GWPS downgradient of the PRB is anticipated to be relatively quick.
Phytoremediation / TreeWell®	Reasonably implementable to moderate. Engineered approach has been proven effective, and specific depth zones can be targeted. Trees are installed as "tree wells" in a large diameter boring to get the roots deep enough to intercept impacted groundwater flow paths. Area must be clear of above- and below- ground structures (i.e., power lines). The system, once established (approximately three growing seasons), is a self-maintaining, sustainable remedial system that has no external energy requirements and little maintenance (i.e., efforts normally associated with landscaping).	Minimal impacts are expected. In fact, there are several positive impacts expected, including enhanced aesthetics, wildlife habitat, and limited energy consumption.	The design phase will require some groundwater modeling for optimal placement of the TreeWell® units, which may take up to 6 months. Depending on the number of required units, the installation effort is expected to last several weeks. Hydraulic capture/control is expected approximately three years after planting and system performance is expected to further improve over time.
Subsurface Vertical Barrier Walls	Moderate to difficult. Trenching will be required to fill in the various slurry mixes; alternatively, sheet pile installations can be accomplished without excavation of trenches. The application of barrier walls is limited by the depth of installation, which similar to PRBs, should be keyed into a low permeability layer such as a thick clay layer or bedrock. Installation methods and materials are readily available. Once installed, above-ground infrastructure to pump and treat groundwater will be required. O&M requirements are expected to include upkeep of infrastructure components (pumps, pipes, tanks, instrumentation and controls, above-ground treatment system) and handling of treatment residuals.	Minimal impacts are expected following the construction of the remedy. Short- term impacts during the construction of the remedy can be mitigated through appropriate planning and health and safety measures. Changes to groundwater flow patterns due to installation of the barrier wall are expected, which can affect other aspects of groundwater corrective action. Pumping activity may unintentionally alter the geochemistry within the hydraulic capture zone that may result in the mobilization of other constituents that may require treatment.	Installation of a barrier wall can be accomplished relatively quickly (6 to 12 months), depending on the final location and configuration. However, some design phase and additional aquifer and compatibility testing will be required, which may take up to 24 months. Once installed, preventing migration of constituents dissolved in groundwater is anticipated to be relatively quick. Since this approach does not treat the downgradient area of impacted groundwater but prevents migration from a source area, it will likely have to be maintained long- term and coupled with other approaches.

**TABLE 1
EVALUATION OF REMEDIAL TECHNOLOGIES
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Corrective Measure	Georgia Rule 391-3-4-.10(6)(a)		Relative Costs	Retention Evaluation
	Institutional Requirements	Other Environmental or Public Health Requirements		
Geochemical Approaches (In-Situ Injection)	Deed restrictions may be necessary until in-situ treatment has achieved GWPS. An underground injection control (UIC) permit (for in-situ injections) would be required to implement this corrective measure. No other institutional requirements are expected at this time.	None expected at this point. Potential mobilization of redox-sensitive constituents exists during implementation of an anaerobic attenuation approach. Following installation, the remedy is passive.	Medium (depending on expanse of injection network required and injectate volume required per derived design parameters)	Retained for further analysis; may be used as a stand-alone corrective measure or in conjunction with other potential groundwater corrective measures.
Pump and Treat (Hydraulic Containment)	Depending on the effluent management strategy, an NPDES permit may be required, or obtaining an underground injection control (UIC) permit may be needed if groundwater reinjection is chosen. In addition, deed restrictions may be required as long as groundwater conditions are above regulatory standards for unrestricted use.	Above-ground treatment components may need to be present for an extended period of time, generating residuals requiring management and disposal.	Medium to high (depending on remedy duration, complexity of above-ground treatment system, and volume of water processed)	Retained for further analysis; may be used as a stand-alone corrective measure or in conjunction with other potential groundwater corrective measures.
Monitored Natural Attenuation (MNA)	MNA may require the implementation of institutional controls, such as deed restrictions, to preclude potential exposure to groundwater within the footprint of impacted groundwater until GWPS are achieved.	Little to no physical disruption to remediation areas and no adverse construction-related impacts are expected on the surrounding community.	Low to medium	Retained for further analysis; may be used as a stand-alone corrective measure or in conjunction with other potential groundwater corrective measures.
Permeable Reactive Barrier	Deed restrictions may be necessary for groundwater areas upgradient of the PRB (if not installed along the waste boundary). No other institutional requirements are expected at this time.	None expected at this point. Following installation, the remedy is passive. However, certain treatment media (such as ZVI) have the potential to mobilize naturally-occurring constituents downgradient of the PRB.	Medium to high (for installation) - minimal O&M requirements if replacement is not necessary	Not retained for further analysis; limited space available downgradient of impacted wells; removal of the source material limits the use of PRBs as a remedial alternative.
Phytoremediation / TreeWell®	Deed restrictions may be necessary for groundwater areas upgradient of the TreeWell® system. No other institutional requirements are expected at this time.	None expected at this point. Innovative and green technology may be positively received by various stakeholders. Following installation, the remedy is passive and does not require external energy.	Medium (for installation) - minimal O&M requirements	Retained for further analysis; may be used as a stand-alone corrective measure or in conjunction with other potential groundwater corrective measures.
Subsurface Vertical Barrier Walls	Deed restrictions may be necessary for groundwater areas downgradient of the barrier wall until remedial goals are met. No other institutional requirements are expected at this time.	Due to the need for groundwater extraction associated with barrier walls, above-ground treatment components may need to be present for an extended period of time, generating residuals requiring management and disposal.	Medium to high (depending on length and depth of wall, remedy duration and complexity of above-ground treatment system)	Not retained for further analysis; limited space available downgradient of impacted wells; removal of the source material limits the use of subsurface vertical barrier walls as a remedial alternative.

TABLE 2
SUMMARY OF MONITORING NETWORK WELL AND DELINEATION/ASSESSMENT WELL CONSTRUCTION AND GROUNDWATER ELEVATIONS
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, GA

Well	Installation Date	Northing ⁽¹⁾	Easting ⁽¹⁾	Top of Casing Elevation (feet NAVD88) ⁽²⁾⁽³⁾	Ground Surface Elevation (feet NAVD88) ⁽²⁾⁽³⁾	Top of Screen Elevation (feet NAVD88) ⁽³⁾⁽⁶⁾	Screen Bottom Elevation (feet NAVD88) ⁽³⁾⁽⁶⁾	Screen Length (feet)	Total Well Depth on Construction Log (feet below land surface)	Groundwater Zone Screened	Location	Depth to Water	Groundwater Elevation
												(feet below TOC)	(feet NAVD88)
Monitoring Network Compliance Wells													
ARGWA-19	12/16/2008	1063774.45	2439488.71	343.30	339.86	300.18	290.18	10.00	49.98	Bedrock	Upgradient	28.15	315.15
ARGWA-20	12/4/2008	1063732.73	2439088.01	331.28	327.73	303.18	293.18	10.00	34.85	Overburden	Upgradient	15.51	315.77
ARGWC-21	12/2/2008	1062941.24	2439112.52	309.15	305.97	291.70	281.70	10.00	24.57	Overburden	Downgradient	14.26	294.89
ARGWC-22	11/19/2019	1063039.36	2438925.04	309.95	307.01	292.01	282.01	10.00	25.00	Overburden	Downgradient	14.20	295.75
ARGWC-23	11/20/2019	1062884.38	2439202.38	307.70	304.29	289.29	279.29	10.00	25.00	Overburden	Downgradient	12.43	295.27
Delineation/Assessment Wells													
ARAMW-1	11/20/2019	1062938.38	2439120.01	308.51	305.07	271.07	261.07	10.00	44.00	Bedrock	Downgradient	13.56	294.95
ARAMW-2	11/20/2019	1062925.96	2439114.97	308.27	305.12	293.12	283.12	10.00	22.00	Overburden	Downgradient	13.69	294.58
ARAMW-7	11/14/2020	1063049.07	2438913.27	309.81	307.13	269.43	259.43	10.00	48.00	Bedrock	Downgradient	13.11	296.70
ARAMW-8	11/13/2020	1062895.98	2439197.40	307.36	304.53	267.83	257.83	10.00	47.00	Bedrock	Downgradient	11.92	295.44

Notes:

1. Horizontal locations referenced to Georgia State Plane West, North American Datum (NAD) of 1983
2. Vertical elevations are feet referenced to North American Vertical Datum of 1988 (NAVD88)
3. Elevations updated with revised survey certified by Donaldson & Garrett Associates on 6/26/2020.
4. TOC indicates top of casing.
5. ARAMW-7 and ARAMW-8 were surveyed by Donaldson & Garrett Associates and certified on 12/18/2020.
6. Screen elevations calculated using Ground Surface Elevation.

**TABLE 3
ANALYTICAL DATA SUMMARY
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, GA**

Substance	Well ID									
	ARGWA-19	ARGWA-20	ARGWC-21	ARGWC-22	ARGWC-23	ARAMW-1	ARAMW-2	ARAMW-7	ARAMW-8	
	9/7/2021	9/8/2021	9/8/2021	9/10/2021	9/9/2021	9/9/2021	9/10/2021	9/10/2021	9/9/2021	
APPENDIX III	Boron	<0.039	0.064 (J)	0.79	2.7	0.41	1.0	0.85	2.6	0.53
	Calcium	9.2	11	81	200	70	93	130	290	71
	Chloride	7.4	5.9	4.0	6.7	4.7	4.5	4.2	6.5	7.4
	Fluoride	0.10	0.067 (J)	0.16	0.035 (J)	0.48	0.21	0.13	0.032 (J)	0.19
	Sulfate	9.9	16	230	760	72	210	440	1100	100
	TDS	110	120	560	1300	320	560	870	1700	260
APPENDIX IV	pH	5.85	5.59	5.94	5.62	6.35	6.10	6.01	5.70	6.56
	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	0.044	<0.00031	<0.00031
	Barium	0.030	0.085	0.045	0.026	0.12	0.051	0.13	0.029	0.094
	Beryllium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	0.0059	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Cobalt	<0.00013	0.00050 (J)	0.00070 (J)	0.0015 (J)	0.00090 (J)	0.00072 (J)	0.0022 (J)	0.075	0.0046
	Lead	<0.00013	0.00024 (J)	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Lithium	0.0034 (J)	<0.0034	0.012	0.021	0.045	0.0095	0.025	0.060	0.0062
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Molybdenum	<0.00061	<0.00061	<0.00061	<0.00061	0.071	0.0059 (J)	<0.00061	<0.00061	0.12
	Radium	0.310 U	0.440 U	1.12	0.713	0.498	0.972	3.40	4.23	0.160 U
	Selenium	<0.0015	<0.0015	<0.0015	0.0020 (J)	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Thallium	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
	* Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	GEOCHEMISTRY	Total Alkalinity	38	42	160	110	190	190	150	64
Bicarbonate Alkalinity		38	42	160	110	190	190	150	64	210
Carbonate Alkalinity		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Total Iron		<0.020	1.2	NA	4.5	<0.020	0.21	30	5.5	6.0
Dissolved Iron		<0.020	0.049 (J)	0.060	4.5	<0.020	0.22	38	5.6	5.8
Magnesium		3.7	5.3	37	83	13	37	47	79	28
Total Manganese		<0.00087	0.018	NA	12	0.53	0.23	1.8	14	0.82
Dissolved Manganese		<0.00087	0.0039 (J)	0.34	12	0.50	0.24	2.20	14.00	0.79
Potassium		2.0	1.6	5.8	4.4	2.0	5.4	9.2	9.1	6.7
Sodium		10.0	10.0	19	26.0	15	21	20	30	19
Silica		34.0	38.0	NA	57	33	33	42	68	30
Nitrate as N		1.6	0.5	<0.023	<0.023	1.8	<0.023	<0.023	<0.023	0.078 (J)
Nitrite as N		0.22	<0.029	<0.029	<0.029	0.35	0.31	<0.029	<0.029	0.30
Sulfide		2.5 (J)	2.7 (J)	2.2 (J)	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
Bromide		<0.053	<0.053	NA	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053
Total Organic Carbon		<0.51	<0.51	NA	1.1	0.84 (J)	0.68 (J)	1.6	0.71 (J)	0.69 (J)
Orthophosphate		<0.21	<0.21	NA	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
Arsenite (Arsenic +3)	NA	NA	NA	NA	NA	NA	0.0262	NA	NA	
Arsenate (Arsenic +5)	NA	NA	NA	NA	NA	NA	0.00662	NA	NA	
Inorganic Arsenic	NA	NA	NA	NA	NA	NA	0.0328	NA	NA	

Notes:

- Results for constituents are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L). pH results are reported in standard units (su).
- < indicates the constituent was not detected above the analytical method detection limit (MDL).
- (J) indicates the substance was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value.
Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
- TDS indicates total dissolved solids.
- U indicates the constituent was detected below the Minimum Detection Concentration (MDC) and the precision of the laboratory instruments could not produce a reliable value.
Therefore, the value followed by U is qualified by the laboratory as estimated.
- NA indicates constituent was not analyzed
- * - Georgia Appendix I constituent that is not also included in Appendix IV.

TABLE 3
ANALYTICAL DATA SUMMARY
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, GA

Substance		Surface Water Sample Location					
		BC-0.8a	BC-0.5.7	BC-0.5.6	BC-0.5.5	BC-BR	BC-0.3
		9/30/2021	9/30/2021	9/30/2021	9/30/2021	9/30/2021	9/30/2021
APPENDIX III	Boron	<0.039	0.043 (J)	<0.039	0.041 (J)	<0.039	<0.039
	Calcium	9.4	9.9	9.7	10	10	10
	Chloride	8.8	8.9	9.2	9.0	9.3	9.3
	Fluoride	0.16	0.13	0.15	0.11	0.12	0.12
	Sulfate	4.2	6.7	6.7	6.6	7.0	6.3
	TDS	92	100	97	110	96	96
	pH	7.27	7.24	7.32	7.32	7.42	7.39
APPENDIX IV	Cobalt	0.00031 (J)	0.00045 (J)	0.00033 (J)	0.00056 (J)	0.00042 (J)	0.00029 (J)
	Lithium	<0.0034	NA	<0.0034	<0.0034	<0.0034	<0.0034
	Molybdenum	<0.00061	NA	<0.00061	<0.00061	<0.00061	<0.00061
GEOCHEMISTRY	Total Alkalinity	54	54	55	52	52	54
	Bicarbonate Alkalinity	54	54	55	52	52	54
	Magnesium	4.7	5.0	4.9	4.9	5.0	4.9
	Potassium	2.3	2.4	2.3	2.3	2.4	2.4
	Sodium	9.3	9.6	9.2	9.5	9.5	9.4

Notes:

1. Results for constituents are reported in milligrams per liter (mg/L). pH results are reported in standard units (su).
2. < indicates the constituent was not detected above the analytical method detection limit (MDL).
3. (J) indicates the substance was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value.
Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. TDS indicates total dissolved solids.
5. NA indicates constituent was not analyzed

TABLE 4
SUMMARY OF SELECT SOIL ANALYTICAL DATA
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, GA

Sample ID	SB-1-24.6-34.6	SB-1A-24-34	SB-3-15-25	SB-4-12-22	SB-5-15-25
Soil Boring ID	SB-1	SB-1A	SB-3	SB-4	SB-5
Sample Depth (ft, bgs)	24.6-34.6	24-34	15-25	12-22	15-25
Sample Date	8/31/2021	9/1/2021	8/30/2021	8/31/2021	8/31/2021
Location	Upgradient Background	Upgradient Background	Downgradient	Downgradient	Downgradient
Cation Exchange Capacity (USEPA Method 9081)					
Cation Exchange Capacity (CEC) (meq/100 gm)	54	NA	14	8.9	4.8
Total Organic Carbon (Lloyd Kahn Method)					
Total Organic Carbon (mg/kg)	<1200	NA	6,800	<890	<800
Inductively-Coupled Plasma (ICP) Analysis (ME-MS41L)					
Aluminum (Al) (%)	4.0	NA	1.1	1.5	1.6
Arsenic (As) (ppm)	1	NA	0	1	0
Barium (Ba) (ppm)	1,495	NA	181	172	280
Boron (B) (ppm)	<10	NA	<10	<10	<10
Calcium (Ca) (%)	0.5	NA	0.3	0.3	0.2
Cobalt (Co) (ppm)	114	NA	8	15	17
Iron (Fe) (%)	16.2	NA	2.2	2.4	3.6
Lead (Pb) (ppm)	4	NA	4	4	2
Lithium (Li) (ppm)	14	NA	8	12	13
Magnesium (Mg) (%)	1.3	NA	0.5	0.9	1.0
Manganese (Mn) (ppm)	2,530	NA	359	264	397
Molybdenum (Mo) (ppm)	1	NA	6	5	6
Phosphorus (P) (%)	0.1	NA	0.0	0.0	0.0
Potassium (K) (%)	0.1	NA	0.4	0.7	0.9
Selenium (Se) (ppm)	0	NA	0	0	0
Sodium (Na) (%)	0.0	NA	0.0	0.0	0.0
Sulfur (S) (%)	0.0	NA	0.0	0.0	<0.01
Titanium (Ti) (%)	1.1	NA	0.2	0.2	0.2
X-Ray Fluorescence Spectroscopy (XRF) Analysis					
Aluminum (Al) (ppm)	98,000	NA	75,500	73,200	96,300
Arsenic (As) (ppm)	ND	NA	ND	ND	ND
Barium (Ba) (ppm)	852	NA	590	381	405
Calcium (Ca) (ppm)	5,661	NA	22,218	27,371	28,758
Cobalt (Co) (ppm)	ND	NA	ND	ND	ND
Iron (Fe) (ppm)	241,200	NA	53,700	58,700	71,600
Lead (Pb) (ppm)	ND	NA	ND	ND	24
Magnesium (Mg) (ppm)	41,900	NA	60,300	66,400	66,800
Manganese (Mn) (ppm)	3,124	NA	1,104	929	1,150
Molybdenum (Mo) (ppm)	ND	NA	12	7	9
Phosphorus (P) (ppm)	661	NA	ND	ND	ND
Potassium (K) (ppm)	ND	NA	ND	ND	ND
Selenium (Se) (ppm)	ND	NA	ND	ND	ND
Silicon (Si) (ppm)	146,000	NA	294,100	307,300	287,300
Sodium (Na) (ppm)	ND	NA	ND	ND	ND
Sulfur (S) (ppm)	ND	NA	ND	ND	ND
Titanium (Ti) (ppm)	8,700	NA	ND	ND	4,500
Arsenic Speciation (USEPA Method 1632)					
Arsenic +3 (Arsenite) (mg/kg)	<0.047	0.012	NA	<0.034	NA
Arsenic +5 (Arsenate) (mg/kg)	0.184	<0.0248	NA	0.0683	NA

TABLE 4
SUMMARY OF SELECT SOIL ANALYTICAL DATA
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, GA

Sample ID	SB-1-24.6-34.6	SB-1A-24-34	SB-3-15-25	SB-4-12-22	SB-5-15-25
Soil Boring ID	SB-1	SB-1A	SB-3	SB-4	SB-5
Sample Depth (ft, bgs)	24.6-34.6	24-34	15-25	12-22	15-25
Sample Date	8/31/2021	9/1/2021	8/30/2021	8/31/2021	8/31/2021
Location	Upgradient Background	Upgradient Background	Downgradient	Downgradient	Downgradient
Grain Size (Sieve and Hydrometer)					
Gravel (Percent of Sample Retained)	0	NA	11.2	15.2	4.0
Total Sand (Percent of Sample Retained)	53.3	NA	67.6	77.4	78.7
Coarse Sand	0	NA	8.1	15.2	6.1
Medium Sand	20.4	NA	29.0	35.9	29.4
Fine Sand	32.9	NA	30.5	26.3	43.2
Silt	31.7	NA	12.0	4.5	13.8
Clay	15.0	NA	9.2	2.9	3.5
X-Ray Diffraction (XRD) Minerals Analysis					
Total Clay Content (weight %)	81.4	NA	5.6	8.9	12.9
Total Carbonate Content (weight %)	0	NA	0	0	0
Total Other Mineral Content (weight %)	18.6	NA	94.4	91.1	87.1
X-Ray Diffraction (XRD) Individual Minerals Analysis					
Clay: Smectite (weight %)	3.3	NA	ND	ND	ND
Clay: Kaolinite (weight %)	66.3	NA	ND	ND	ND
Clay: Illite/Mica (weight %)	1.5	NA	3.7	6.3	11.1
Clay: Mixed Illite/Smectite (weight %)	10.3	NA	1.9	2.6	1.8
Other Mineral: Quartz (weight %)	ND	NA	46.4	52.3	39.2
Other Mineral: K-Feldspar (weight %)	ND	NA	7.3	1.7	ND
Other Mineral: Plagioclase (weight %)	7.0	NA	35.5	31.2	47.9
Other Mineral: Pyroxene (weight %)	1.2	NA	ND	ND	ND
Other Mineral: Maghemite (weight %)	6.4	NA	ND	ND	ND
Other Mineral: Pyrite (weight %)	ND	NA	ND	0.6	ND
Other Mineral: Goethite (weight %)	3.4	NA	ND	ND	ND
Other Mineral: Amphibole (weight %)	0.6	NA	5.2	5.3	ND

Notes:

< Indicates the constituent was not detected above the analytical method detection limit (MDL).

(J) indicates the substance was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value.

Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.

ND - Not detected above the laboratory reporting limit

ft bgs - feet below ground surface

mg/kg - milligrams per kilogram

ppm - parts per million

wt % or % - weight percent

XRD - X-ray Diffraction

XRF - X-ray Refraction

ICP - Inductively-Coupled Plasma Spectroscopy

meq/100 gm - milliequivalents per 100 grams

NA - constituent not analyzed

TABLE 5
PROPOSED ACM SUPPLEMENTARY DATA ANALYSES AND COLLECTION TASKS
FOR FIRST SEMI-ANNUAL PERIOD 2022
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, Georgia

Data Collection Event	Applicable CMs (1)	Applicability/Rationale	Field Component	Parameters of Interest (POI)	Analytical Lab Performing Analysis
Groundwater Sampling	1, 3, 4	Evaluation of: (i) attenuation mechanisms and rates and aquifer capacity for attenuation (ii) in-situ conditions to establish phytoremediation measures downgradient of the unit	Collect groundwater samples from existing well network currently sampled under the assessment monitoring program	<u>In addition to routine App III/IV parameters:</u> major cations (i.e., calcium, magnesium, sodium, and potassium) and anions (i.e., chloride, nitrate, nitrite, sulfate, and bicarbonate), sulfide, iron, manganese.	TestAmerica Laboratories, Inc. (Eurofins) of Pittsburgh, Pennsylvania
Evaluate Vertical Delineation of Cobalt, Lithium, and Molybdenum SSLs	1, 3, 4	Continue evaluation of the vertical extent of cobalt, lithium, and molybdenum at the Site to determine if additional delineation well(s) are necessary and feasible.	Not Applicable (Desktop Study)	Site-specific constituents (Cobalt, Lithium, and Molybdenum) and statistical evaluation of analytical data at vertical delineation piezometers ARAMW-7 and ARAMW-8.	No lab data required
Install transducers in groundwater monitoring wells and/or staff gauge(s) in Beaverdam Creek and monitor elevations to evaluate hydraulic divide.	1, 2, 3, 4	Collect continuous and long-term groundwater elevation data to support the development of a groundwater model for the Site.	Install transducers in groundwater monitoring wells and/or staff gauge(s) in Beaverdam Creek	Groundwater and Surface Water Elevations	No lab data required
Geochemical Conceptual Site Model	1 and 3	Evaluate the aquifer characterization data reported for factors controlling the solubility, mobility, and attenuation of target constituents showing SSLs in groundwater at the Site.	Not Applicable (Desktop Study)	Compile existing Site geologic and laboratory data for soil and groundwater.	No lab data required

Note:

(1) Corrective Measure (CM) Codes:

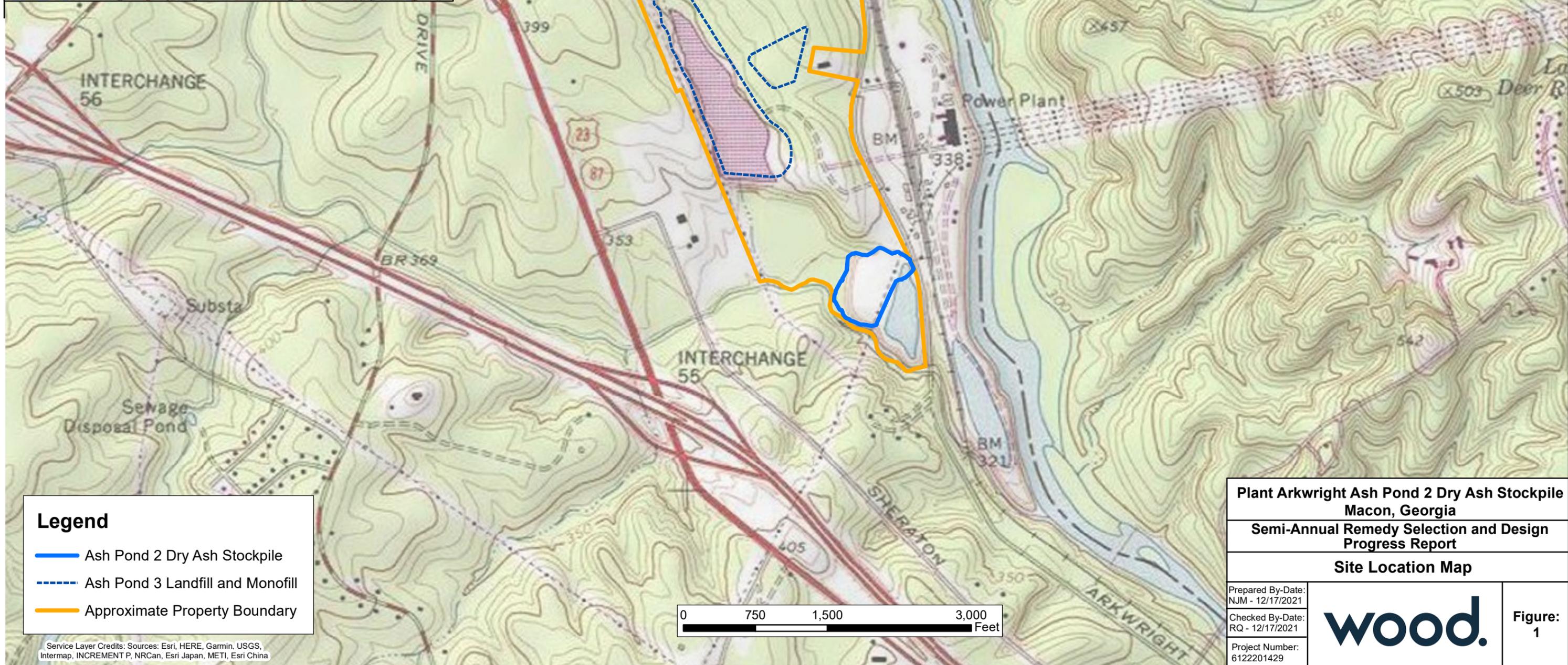
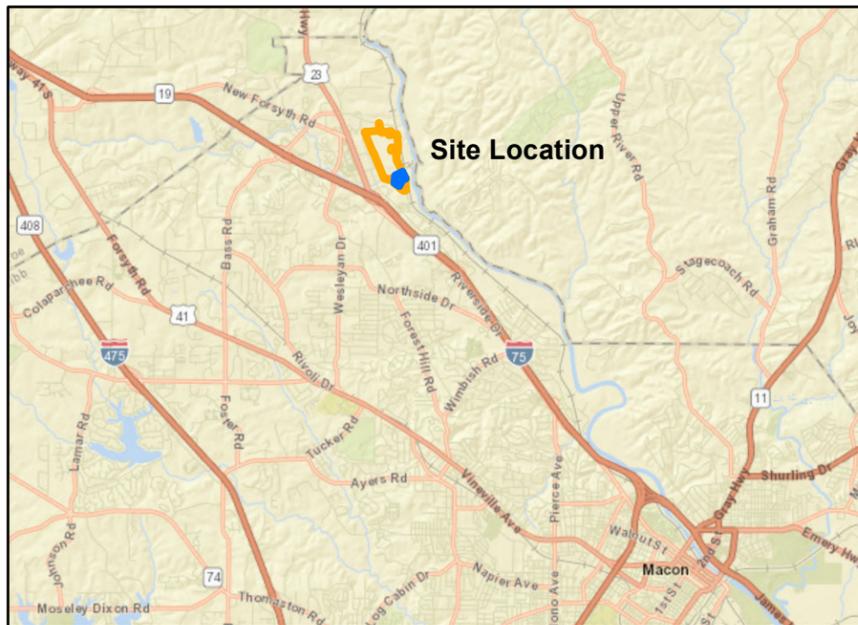
1 – Geochemical Manipulation (In-Situ Injection)

2 – Hydraulic Containment and Dewatering (Pump and Treat)

3 – Monitored Natural Attenuation (MNA)

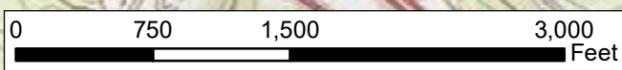
4 – Phytoremediation (TreeWells®)

FIGURES



Legend

- Ash Pond 2 Dry Ash Stockpile
- - - Ash Pond 3 Landfill and Monofill
- Approximate Property Boundary



**Plant Arkwright Ash Pond 2 Dry Ash Stockpile
Macon, Georgia**

**Semi-Annual Remedy Selection and Design
Progress Report**

Site Location Map

Prepared By-Date:
NJM - 12/17/2021

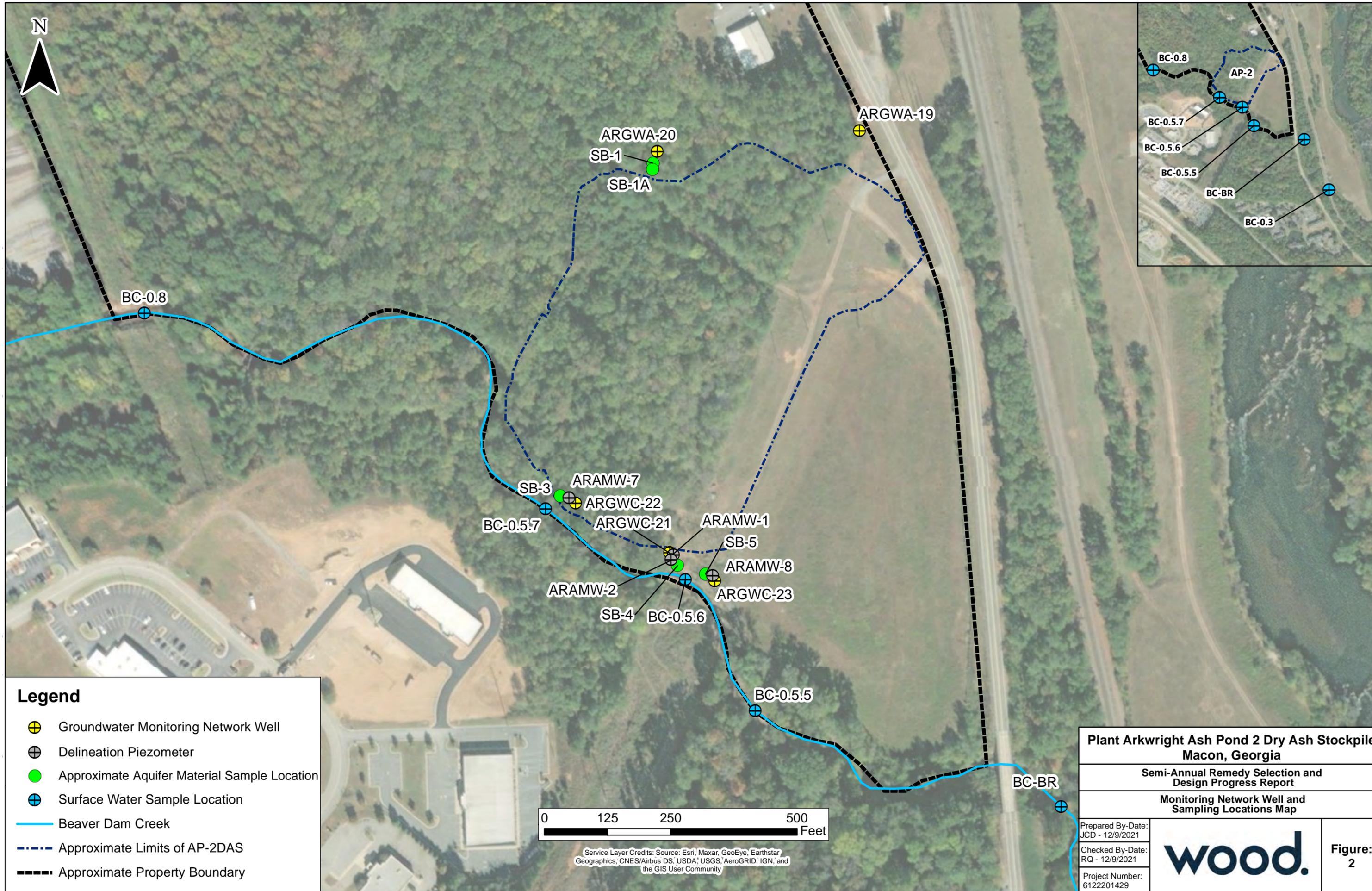
Checked By-Date:
RQ - 12/17/2021

Project Number:
6122201429

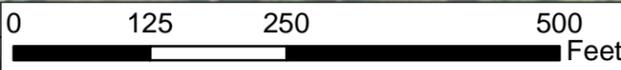


**Figure:
1**

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China



- Legend**
- Groundwater Monitoring Network Well
 - Delineation Piezometer
 - Approximate Aquifer Material Sample Location
 - Surface Water Sample Location
 - Beaver Dam Creek
 - Approximate Limits of AP-2DAS
 - Approximate Property Boundary



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

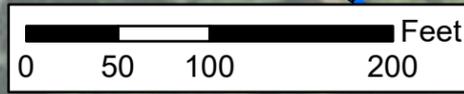
Plant Arkwright Ash Pond 2 Dry Ash Stockpile Macon, Georgia	
Semi-Annual Remedy Selection and Design Progress Report	
Monitoring Network Well and Sampling Locations Map	
Prepared By-Date: JCD - 12/9/2021	
Checked By-Date: RQ - 12/9/2021	
Project Number: 6122201429	

**Figure:
2**



Legend

- 294.58 Groundwater Elevation (ft NAVD88)
- Groundwater Elevation Location
- Interpreted Groundwater Flow Direction
- Potentiometric Surface Contour (ft NAVD88)
- Beaverdam Creek
- Approximate Limits of AP-2 DAS
- Approximate Property Boundary



Service Layer Credits: World Imagery, Maxar, Microsoft

Plant Arkwright Ash Pond 2 Dry Ash Stockpile - Macon, Georgia
Semi-Annual Remedy Selection and Design Progress Report
Potentiometric Surface AP-2 DAS
September 2021

Prepared By-Date:
 JCD - 12/12/2021
 Checked By-Date:
 JMQ - 12/12/2021
 Project Number:
 6122201429





Notes:
 Groundwater cobalt concentrations data from groundwater samples collected during the September 2021 semiannual monitoring event.
 Surface water cobalt concentrations data from surface water samples were collected on September 30, 2021.
 J indicates the constituent was detected between the analytical method detection limit and the laboratory reporting limit. The value followed by J is qualified by the laboratory as estimated.
 * ARAMW-1, ARAMW-7, and ARAMW-8 are vertical delineation piezometer and concentrations were not used in contouring.
 Cobalt concentrations are reported in mg/L.

Analyte	Units	GWPS
Cobalt	mg/L	0.0025



- Groundwater Quality Monitoring Well in Monitoring Well Network
- Delineation Piezometer
- Surface Water Sample Location
- 0.0046 Cobalt Concentration (mg/L)
- Groundwater Elevation Contour (ft NAVD88)
- Interpreted Groundwater Flow Direction
- Beaverdam Creek
- Approximate Limits of AP-2DAS
- Approximate Property Boundary

Plant Arkwright Ash Pond 2 Dry Ash Stockpile - Macon, Georgia

Semi-Annual Remedy Selection and Design Progress Report

Isoconcentration Map for Cobalt September 2021

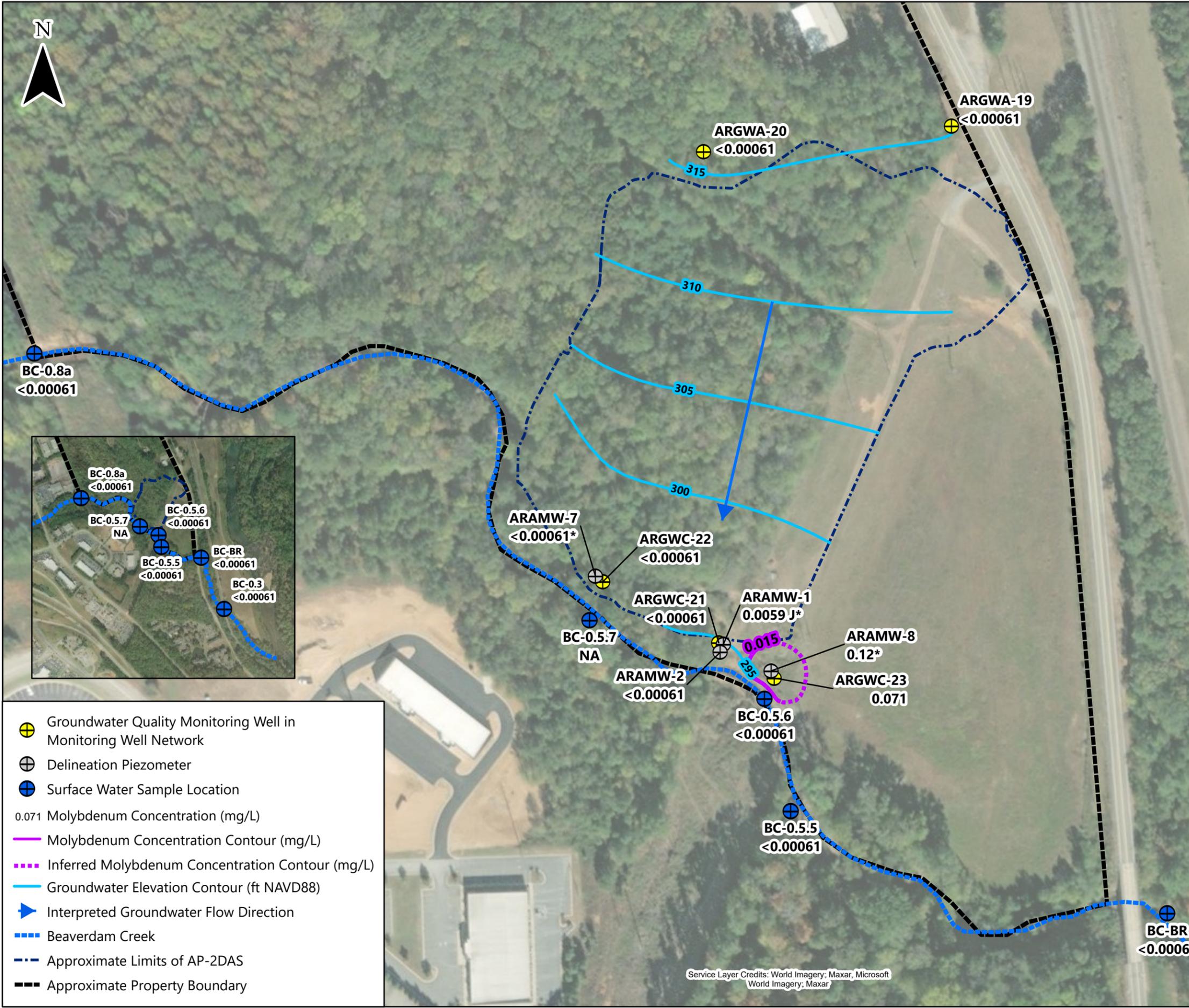
Prepared By-Date: JCD - 2/2/2022		Figure: 4
Checked By-Date: RQ - 2/2/2022		
Project Number: 6122201429		

Service Layer Credits: World Imagery; Maxar, Microsoft
World Imagery; Maxar



Notes:
 Groundwater molybdenum concentrations data from groundwater samples collected during the September 2021 semiannual monitoring event.
 Surface water molybdenum concentrations data from surface water samples were collected on September 30, 2021.
 J indicates the constituent was detected between the analytical method detection limit and the laboratory reporting limit. The value followed by J is qualified by the laboratory as estimated.
 * ARAMW-1, ARAMW-7, and ARAMW-8 are vertical delineation piezometer and concentrations were not used in contouring.
 Molybdenum concentrations are reported in mg/L.
 NA - Not analyzed

Analyte	Units	GWPS
Molybdenum	mg/L	0.015



- Groundwater Quality Monitoring Well in Monitoring Well Network
- Delineation Piezometer
- Surface Water Sample Location
- 0.071 Molybdenum Concentration (mg/L)
- Molybdenum Concentration Contour (mg/L)
- Inferred Molybdenum Concentration Contour (mg/L)
- Groundwater Elevation Contour (ft NAVD88)
- Interpreted Groundwater Flow Direction
- Beaverdam Creek
- Approximate Limits of AP-2DAS
- Approximate Property Boundary

Plant Arkwright Ash Pond 2 Dry Ash Stockpile - Macon, Georgia

Semi-Annual Remedy Selection and Design Progress Report

Isoconcentration Map for Molybdenum September 2021

Prepared By-Date: JCD - 12/8/2021	
Checked By-Date: RQ - 12/8/2021	
Project Number: 6122201429	

Figure: 6

Service Layer Credits: World Imagery; Maxar, Microsoft
World Imagery; Maxar

APPENDIX A

STATISTICAL TREND TEST EVALUATION

Appendix IV Trend Tests - Significant Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 11/22/2021, 10:49 AM

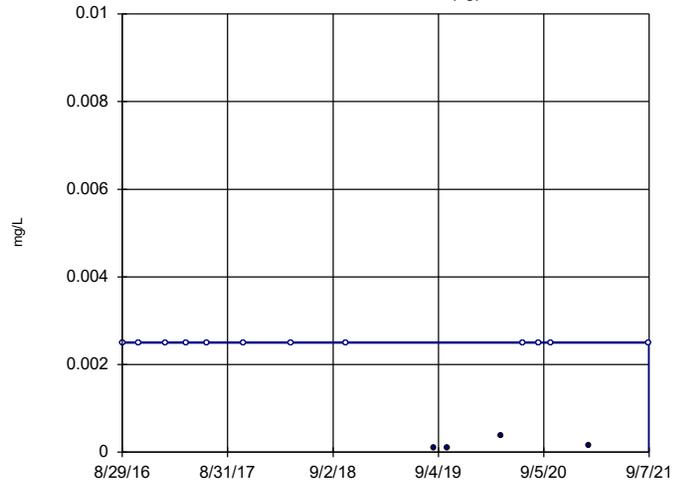
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Cobalt (mg/L)	ARGWC-22	-0.009237	-51	-43	Yes	13	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWC-23	0.02356	54	43	Yes	13	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWC-23	0.03883	47	38	Yes	12	0	n/a	n/a	0.01	NP

Appendix IV Trend Tests - All Results

Plant Arkwright Client: Southern Company Data: Arkwright No 2 Printed 11/22/2021, 10:49 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	ARGWA-19 (bg)	0	-19	-58	No	16	75	n/a	n/a	0.01	NP
Cobalt (mg/L)	ARGWA-20 (bg)	-7.6e-12	-33	-58	No	16	50	n/a	n/a	0.01	NP
Cobalt (mg/L)	ARGWC-22	-0.009237	-51	-43	Yes	13	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARAMW-2	-0.0104	-1	-14	No	6	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWA-19 (bg)	-0.0003028	-28	-58	No	16	6.25	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWA-20 (bg)	0	4	58	No	16	81.25	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWC-22	0.000869	2	43	No	13	0	n/a	n/a	0.01	NP
Lithium (mg/L)	ARGWC-23	0.02356	54	43	Yes	13	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWA-19 (bg)	0	1	48	No	14	92.86	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWA-20 (bg)	0	0	48	No	14	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	ARGWC-23	0.03883	47	38	Yes	12	0	n/a	n/a	0.01	NP

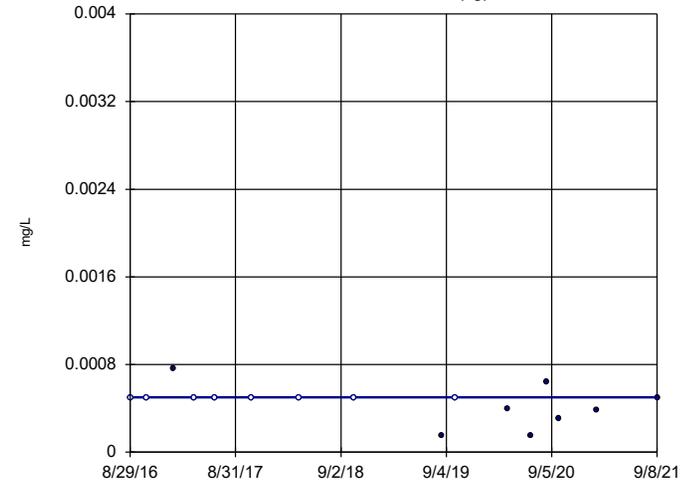
Sen's Slope Estimator
ARGWA-19 (bg)



n = 16
Slope = 0
units per year.
Mann-Kendall
statistic = -19
critical = -58
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cobalt Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

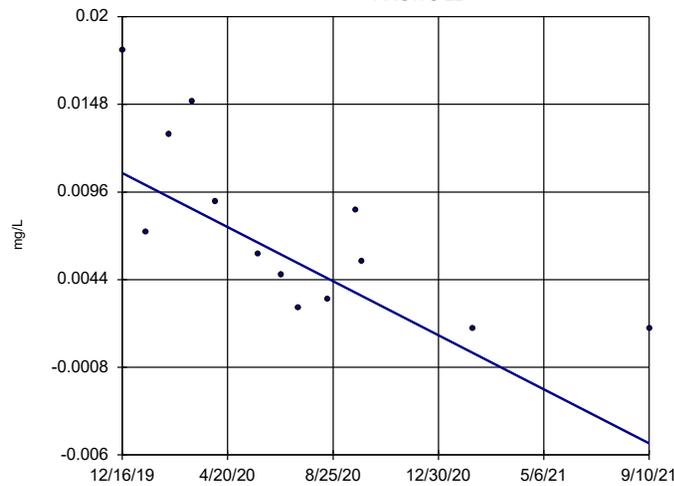
Sen's Slope Estimator
ARGWA-20 (bg)



n = 16
Slope = -7.6e-12
units per year.
Mann-Kendall
statistic = -33
critical = -58
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cobalt Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

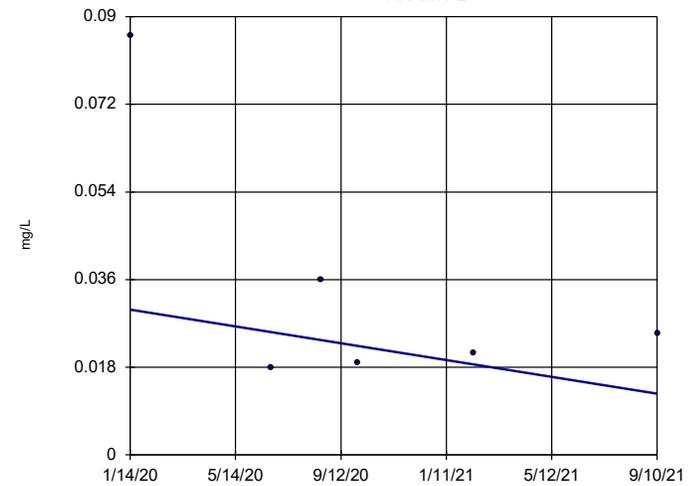
Sen's Slope Estimator
ARGWC-22



n = 13
Slope = -0.009237
units per year.
Mann-Kendall
statistic = -51
critical = -43
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cobalt Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

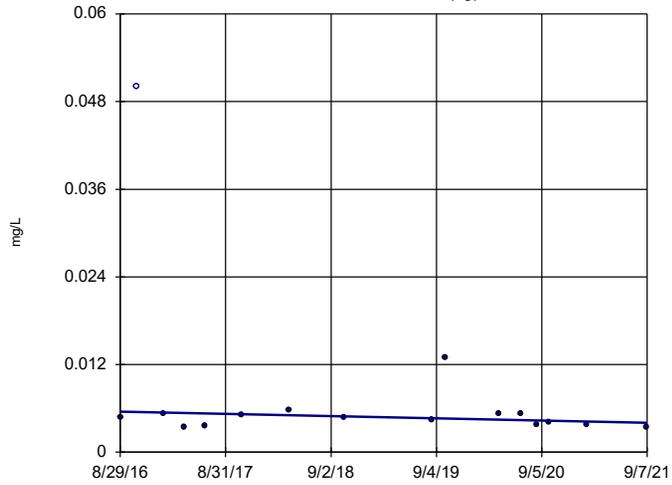
Sen's Slope Estimator
ARAMW-2



n = 6
Slope = -0.0104
units per year.
Mann-Kendall
statistic = -1
critical = -14
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

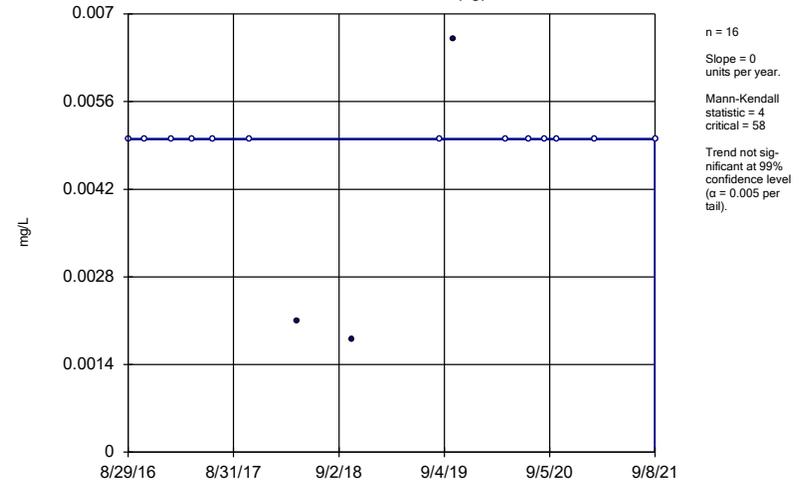
Constituent: Lithium Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator ARGWA-19 (bg)



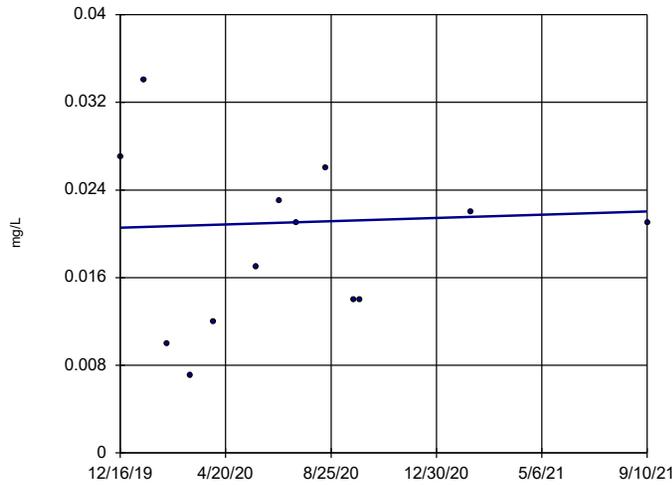
Constituent: Lithium Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator ARGWA-20 (bg)



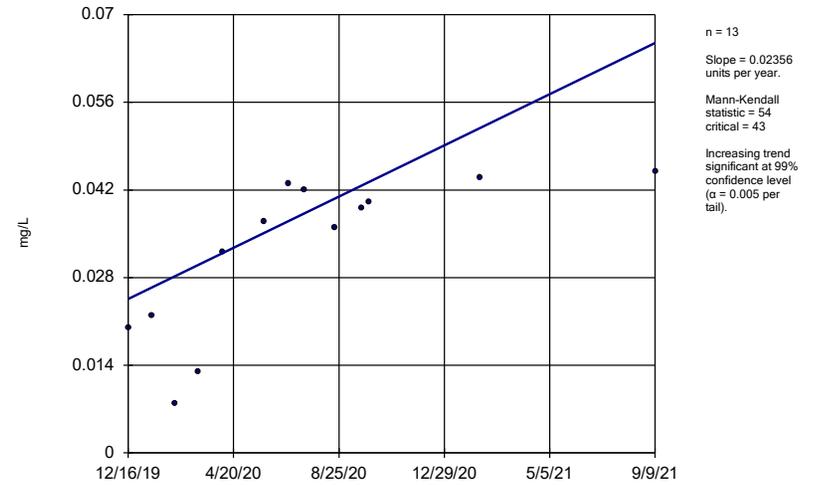
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Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator ARGWC-22



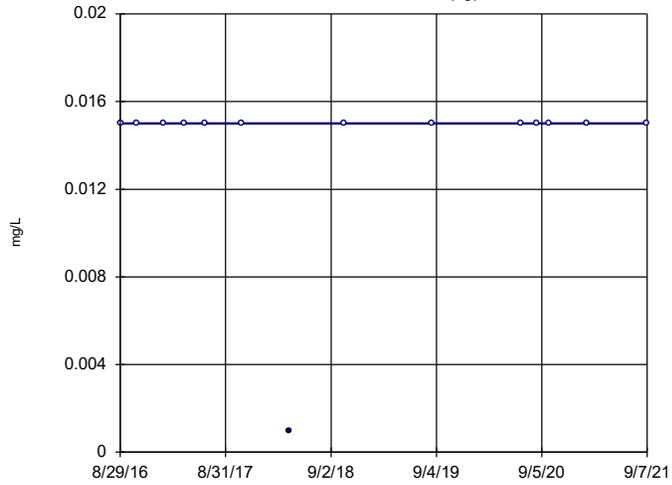
Constituent: Lithium Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator ARGWC-23



Constituent: Lithium Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

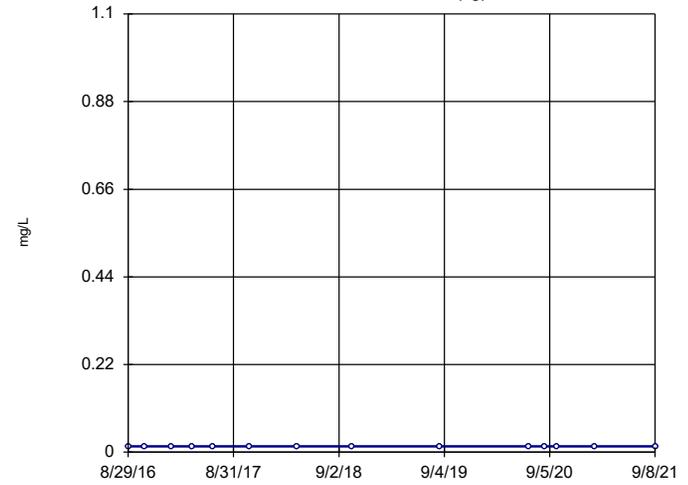
Sen's Slope Estimator ARGWA-19 (bg)



n = 14
Slope = 0
units per year.
Mann-Kendall
statistic = 1
critical = 48
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Molybdenum Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

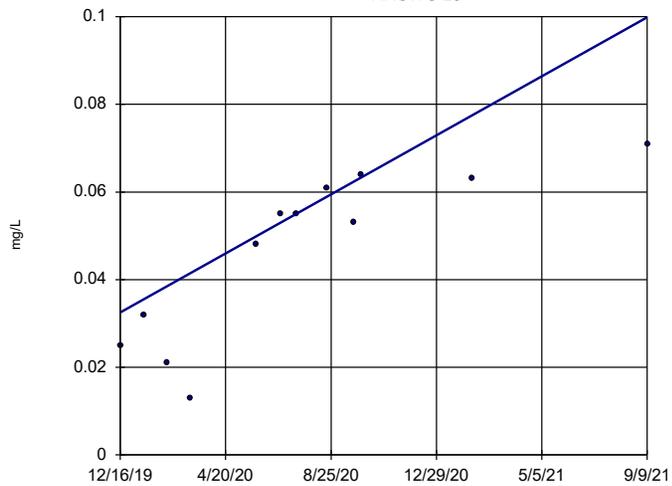
Sen's Slope Estimator ARGWA-20 (bg)



n = 14
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 48
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Molybdenum Analysis Run 11/22/2021 10:48 AM View: Trend Tests
Plant Arkwright Client: Southern Company Data: Arkwright No 2

Sen's Slope Estimator ARGWC-23



APPENDIX B

UPDATED AREA WELL SURVEY

Well Survey Report

Georgia Power Company – Plant Arkwright

Ash Pond 2 Dry Ash Stockpile

Macon, Georgia

Project No.: 6122201429

Prepared for:



Atlanta, Georgia

2/28/2022

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Table 2	Summary of Well Survey Well Types and Reference Data Sources
Table 3	Summary of Well Count by Type as Shown on Figure 1

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List of Appendices

Appendix A	Plant Arkwright EDR Reports
Appendix B	Record of Responses

LIST OF ACROYMNS

ACM	Assessment of Corrective Measures
AP-2 DAS	Ash Pond 2 Dry Ash Stockpile
CCR	Coal Combustion Residuals
CFR	Code of Federal Regulations
DNR	Georgia Department of Natural Resources
DPH	Department of Public Health
GA EPD	Georgia Environmental Protection Division
GIS	Geographic Information System
HSI	Hazardous Site Inventory
HSRA	Hazardous Site Response Act
SDWIS	Safe Drinking Water Information System
US EPA	United States Environmental Protection Agency
USGS	United States Geological Survey

1.0 INTRODUCTION

The Plant Arkwright site (the Site) is located in Bibb County, Georgia approximately 6 miles northwest of the city of Macon. The 11-acre AP-2 DAS is located between Arkwright Road to the north and Beaverdam Creek to the south. When in operation, Plant Arkwright consisted of four 40-megawatt units. In years before retirement, the plant was used primarily to provide peaking power and operated approximately 40 to 60 days per year. The Plant Arkwright coal-fired power plant was retired in 2002 and decommissioned in 2003. Georgia Power officially closed the AP-2 DAS in 2010 with GA EPD’s approval and in accordance with the solid waste landfill regulations specified by GA EPD Rule 391-3-4, in effect at the time of its closure. A closure certificate was issued by GA EPD for AP-2 DAS on June 30, 2010.

As requested by GA EPD, an updated well survey of potential groundwater wells within a two-mile radius of AP-2 DAS was conducted and consisted of reviewing federal, state, county records, and online sources. The findings from this survey are consistent to the previous well survey conducted in 2020. As indicated on **Table 1: New Wells Identified Since 2020 Well Survey** shows no additional wells were identified since the 2020 NewFields survey.

Wood completed a well survey of potential drinking water and other wells within a two – mile radius from the property boundary of the two CCR Units at Plant Arkwright: Ash Pond No. 2 Dry Ash Stockpile (AP-2 DAS) and AP-3 Landfill and Monofill (AP-3) in December 2021. The two-mile radius is shown on **Figure 1: Well Survey Results**.

As part of this survey, Wood assessed and reviewed information from a number of federal, state, and county records and online sources within the two-mile radius. The 2020 survey (NewFields, 2020) was used for reference for the windshield survey well locations. Information from each identified well was then compiled into a geographic information system (GIS) database (Wood 2020). A summary table of the well source data is provided as **Table 2: Summary of Well Survey Well Types and Reference Data Sources**. **Appendix A: Plant Arkwright EDR Reports** shows the well information available in publicly accessible databases.

2.0 FINDINGS

This section summarizes the sources utilized for identifying potential drinking water wells within the two-mile radius.

1. Federal Sources
 - a. **United States Geological Survey (USGS)**. USGS maintains an inventory database of wells sampled by a USGS-affiliated program for ground-water levels and/or water quality parameters. Well information and coordinates were

reviewed in December 2021 for the state of Georgia and compiled into a GIS database. The wells in the two-mile radius in the USGS database included one well labelled ‘monitoring wells’ and one labelled ‘private drinking’.

- b. Safe Drinking Water Information System (SDWIS).** This EPA database has listings of public water systems but does not have well location information. SDWIS information was used to help identify the suppliers of public water in the vicinity of the facility. Public water in the two-mile radius is supplied primarily by the Macon Water Authority. Monroe and Jones counties have much smaller municipal water systems. Wood contacted Georgia Department of Natural Resources (DNR) on December 17, 2021, Michael Gillis confirmed no public water wells in two-mile radius. see **Appendix B: Record of Responses** for correspondence.

2. State Sources

a. Georgia Environmental Protection Division

- i. Drinking Water Branch.** GA EPD maintains records about municipal and industrial wells, whose presence or absence within a radius of a site can be ascertained by contacting the agency. Information was requested on December 14, 2021 requesting information about wells in the two-mile radius. Mandy Elliott, District Offices GORA Coordinator responded on December 15, 2021 that the GA EPD District offices have no potentially responsive records to the request which thus confirms no public wells in the 2-mile radius.
- ii. Hazardous Site Inventory (HSI) files.** GA EPD maintains the Hazardous Site Inventory (HSI) files for sites which are undergoing state-led corrective action. These files usually contain groundwater data and well surveys. An EDR radius check report (**Appendix A: Plant Arkwright EDR Reports**) was reviewed confirming there are no HSI sites within the two-mile radius.
- iii. Hazardous Site Response Act (HSRA) notifications.** GA EPD maintains non-HSI Hazardous Site Response Act (HSRA) notification reports (i.e., notifications submitted after releases of reportable substances). The 2020 NewFields Well survey reviewed reports associated with sites Bibb, Jones, and Monroe Counties and identified a previous well survey conducted in 2003. The survey identified a public well at what is now the Brickyard Golf Course (approximately 2.25 miles to the northwest of AP-2 DAS and AP-3

that was active in 2003. NewFields determined that well is now inactive based on the results of the GA EPD search. The 2003 well survey also identified both active and inactive private wells, active industrial wells on the other side of Arkwright Road to the north of AP-2 DAS and AP-3, and an inactive industrial well at the former Stewart McElreath Lumber property. These were added to the database as inactive public or industrial wells.

Wood reviewed an EDR radius check report (**Appendix A**) for all non HSI sites near the two-mile radius. A&T Dry Cleaner and two Southern Natural Gas company locations were reviewed but no previous well surveys were located. **Table 2** lists the previously located four GA EPD Non-HSI Inactive Private Drinking wells, two GA EPD Non-HSI Industrial wells, and one GA EPD Non-HSI inactive Industrial well, and fifty GA EPD Non-HSI private drinking wells within the two-mile radius based on the 2003 well survey.

- b. Agricultural and Environmental Services Laboratory (AESL) records.** The University of Georgia’s AESL Laboratory tests drinking water samples submitted by private individuals to their local county extension service. Maps of these sampling results can be viewed online. Precise coordinates are not available, but Wood was able to use online images to find approximate locations. No new additional wells were identified in December 2021.
- c. State Department of Public Health (DPH).** During July 2012 and January 2013, the Department of Public Health, DPH tested 64 wells in Monroe County as part of an assessment of uranium and radionuclides in the area. Street addresses of the wells sampled were obtained from the DPH with an Open Records Request. An Open Records Request was submitted in December 2021 by Wood and no response was received from Monroe County, but a follow-up phone call confirmed poor well data records in this areas in February 2022.

3. County and Local Sources

- a. Health Department Records.** The Macon-Bibb County Health Department County maintains records of known private wells within the County. Wood provided the Health Department the coordinates of the plant and requested a search of a two-mile radius. An Open Records Request was submitted in December 2021 by Wood and a response received in December and checked against the existing data set. Only duplicate well locations were located in December 2021.

b. Water Departments. 2020 Newfield well study included Macon Water Authority, shapefile of waterlines within Bibb County, including the dates of construction. Waterlines began to be constructed as far back as 1922, with most of the lines in the two-mile radius constructed in the 1970s. Bibb County GIS data was accessed in December 2021 with no source water data available.

Wood accessed online data through the Monroe County Water System website, their public water infrastructure does not extend into the Monroe County portion of the two-mile radius and no new wells were identified in December 2021.

The 2020 Newfield well study identified that Jones County Water near River North area of the county, the neighborhood across the Ocmulgee River from Plant Arkwright, has public water. Wood accessed Jones County 2021 GIS records and confirmed consistency with 2020 study.

c. Tax Assessor Records. The 2020 NewFields study obtained parcel shapefiles and parcel improvement data dated January 2019 for Monroe County. The parcel data for Monroe County included information about the water source for each parcel, and the majority of parcels in the Monroe County portion of the two-mile radius were identified as having a private well.

Wood contacted the Middle Georgia Regional Commission on December 15, 2021 and the Commission checked parcels in Monroe County but had no information regarding water wells.

Parcel shapefiles and parcel improvement data from Bibb County, current as of July 2021, were available for download from the Internet. Wood reviewed 2021 parcel shapefiles and found no source water data in December 2021.

4. Windshield Surveys

A windshield survey of the area was conducted on November 15, 2019. During the survey wells were visually identified and compiled into the GIS database. The majority of these wells were located near residences. The windshield survey could not be conducted in the area across the Ocmulgee River in Jones County, as the entire area is part of a gated community.

Wood performed a desktop review as part of the well survey update in December 2021, but completed a windshield survey within the 1 mile radius of the site on January 13, 2022 to confirm located wells. No drinking water wells were observed in the area north of the site. The area appears to be supplied by water from the city municipal system.

3.0 SUMMARY

Municipal water from the Macon Water Authority is widely available throughout the Bibb County portion of the two-mile radius. Some water lines dates as far back as 1922, with the majority of the water lines around the Plant Arkwright being built in the 1970s, when the nearby homes were constructed. Municipal water is not available in the Monroe County portion of the two-mile radius. The River North community, which constitutes the residential parcels in the Jones County portion of the two-mile radius (east of the Ocmulgee River), are all served by public water. There are no active public wells in the two-mile radius.

Combining well data from all sources and removing any duplication of records, Wood identified 142 active or inactive private and or industrial wells within the two-mile radius. During the windshield survey, 127 wells were visually identified in 2020, but only 53 are identified in the two-mile radius shown on **Figure 1**.

Table 2 lists the well types and the reference sources of the data. **Table 3: Summary of Well Count by Type** is a summary of well count by type for the well locations shown on **Figure 1**. **Table 2** shows 187 records of wells were identified and includes duplicated records because some of the same wells were identified in multiple databases. **Table 3** shows the actual number of wells with the duplicate records removed.

4.0 REFERENCES

NewFields, 2020. Well Survey Plant Arkwright Ash Pond No. 2 Dry Ash Stock Pile and AP-3 Landfill and Monofill. Dated March 5, 2020.

Wood Environment & Infrastructure Solutions, Inc., 2020. Assessment of Corrective Measures Report – Georgia Power Company Plant Arkwright Ash Pond 2 Dry Ash Stockpile, December 2020.

TABLES

**TABLE 1
 NEW WELLS IDENTIFIED SINCE 2020 WELL SURVEY
 Plant Arkwright
 Ash Pond 2 Dry Ash Stockpile
 Macon, GA**

Well ID (from the agency or information source)	Well Address	Total Well Depth	Well Type	Source of Information
<p>During the 2021 Well Survey Update using the 2-mile radius, no new or additional wells were identified in 2021 beyond the wells previously identified in the NewFields 2020 survey.</p>				

TABLE 2
SUMMARY OF WELL SURVEY WELL TYPES AND REFERENCE DATA SOURCES
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, GA

Well Types and Reference Source	Well Count within 2-mile Radius	2020 Baseline Source Description	Wood December 2021 Well Survey Update
NewFields 2020 survey well count	187	Data set provided by Southern Company in April 2020	No new data provided.
Private Drinking Well			
UGA AESL	8	Approximate locations provided by 2020 newfields survey	2021 UGA AESL query did not show any additional wells beyond those previously identified.
GA DPH	0	State Department of Public Health	December 2021 records requested from Monroe, but followup call with Monroe mentioned poor well data records in this area.
Previous Wells from GA EPD Non-HSI files	50	previous well survey conducted in 2003	No new wells identified from updated non-HSI research in December 2021 with EDR report
USGS	1	Locations provided by 2020 Newfields survey via USGS query	USGS query of wells in area yielded two additional but were located outside of 2-mile study area radius
Windshield Survey	53	Locations provided by 2020 Newfields survey	1 mile radius were surveyed with no wells identified on January 13, 2022
County Health Department (Bibb)	67	Macon-Bibb County Health Department	December 2021 response received
Inactive Private Drinking Well (4)			
Previous Wells from GA EPD Non-HSI files	4	previous well survey conducted in 2003	No new wells identified from updated non-HSI research in December 2021 with EDR report
Industrial Well (2)			
Previous Wells from GA EPD Non-HSI files	2	previous well survey conducted in 2003	No new wells identified from updated non-HSI research in December 2021 with EDR report
Inactive Industrial Well (1)			
Previous Wells from GA EPD Non-HSI files	1	previous well survey conducted in 2003	No new wells identified from updated non-HSI research in December 2021 with EDR report
Monitoring Well (5)			
USGS	1	Locations provided by 2020 Newfields survey via USGS query	December 2021 check - USGS query of wells in area yielded two additional but were located outside of 2-mile study area radius

Notes:

UGA AESL - University of Georgia Agricultural and Environmental Services Laboratory

GA DPH - State of Georgia Department of Public Health

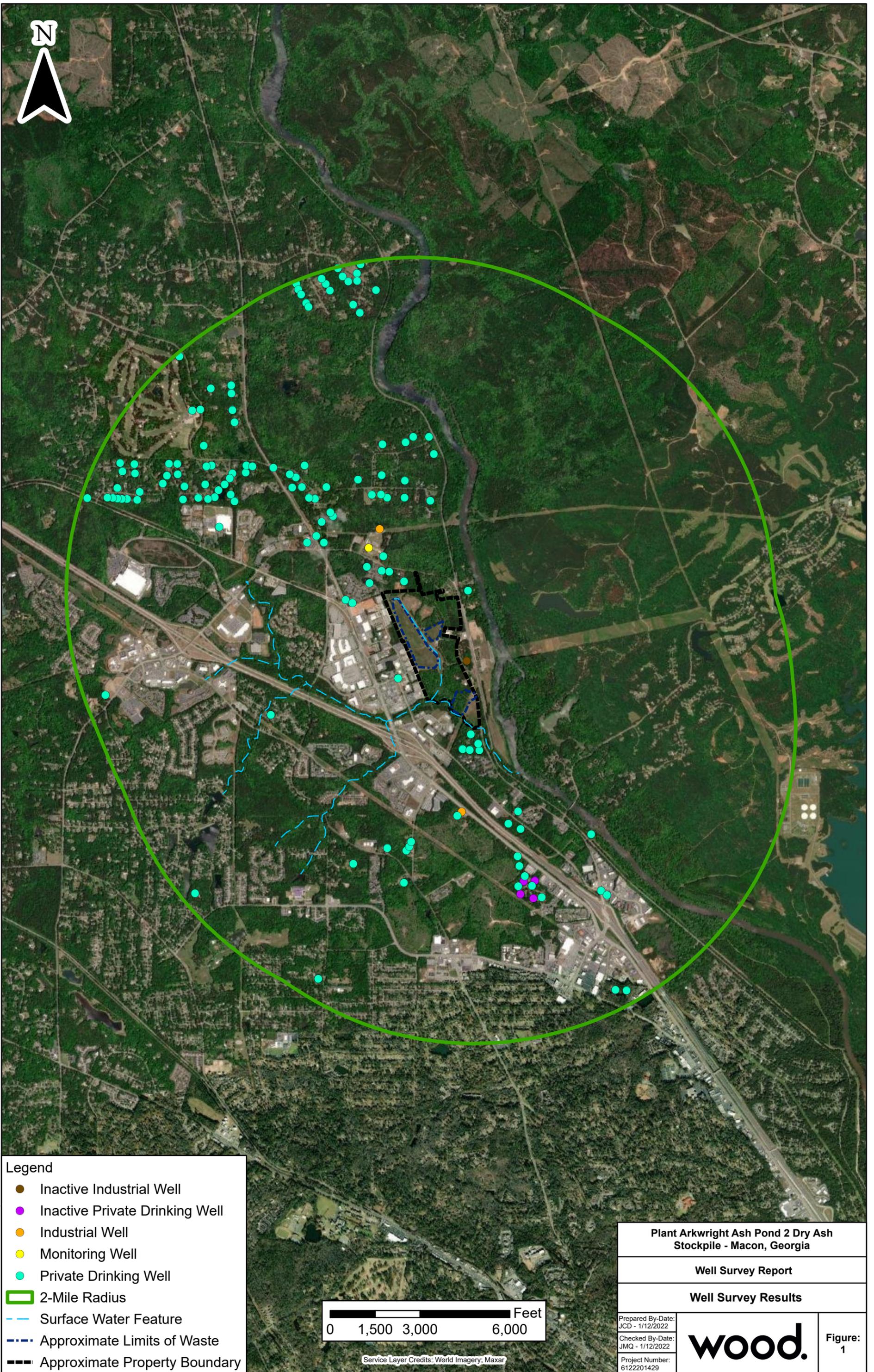
GA EPD Non-HSI - Georgia Environmental Protection Division non-Hazardous Site Inventory. These are sites that were evaluated for inclusion on the HSI using the Hazardous Sites Response Act (HSRA) scoring system and did not score high enough to be placed on the HSI.

USGS - United States Geological Survey

TABLE 3
SUMMARY OF WELL COUNT BY TYPE AS SHOWN ON FIGURE 1
Plant Arkwright
Ash Pond 2 Dry Ash Stockpile
Macon, GA

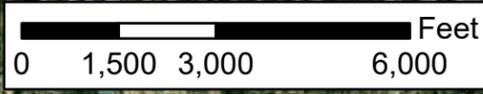
Well Type	Frequency
Private Drinking Well	134
Inactive Private Drinking Well	4
Industrial Well	2
Inactive Industrial Well	1
Monitoring Well	1
Total Count	142

FIGURE



Document Path: G:\Plant Arkwright\Arkwright.aprx

- Legend**
- Inactive Industrial Well
 - Inactive Private Drinking Well
 - Industrial Well
 - Monitoring Well
 - Private Drinking Well
 - 2-Mile Radius
 - Surface Water Feature
 - Approximate Limits of Waste
 - Approximate Property Boundary



Service Layer Credits: World Imagery; Maxar

Plant Arkwright Ash Pond 2 Dry Ash Stockpile - Macon, Georgia	
Well Survey Report	
Well Survey Results	
Prepared By-Date: JCD - 1/12/2022	
Checked By-Date: JMQ - 1/12/2022	
Project Number: 6122201429	
Figure: 1	

APPENDIX A

EDR REPORTS

Plant Arkwright

4990 Arkwright Rd
Macon, GA 31210

Inquiry Number: 6770426.1s
December 01, 2021

The EDR GeoCheck® Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-15
Physical Setting Source Map Findings	A-16
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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GEOCHECK® - PHYSICAL SETTING SOURCE REPORT

TARGET PROPERTY ADDRESS

PLANT ARKWRIGHT
4990 ARKWRIGHT RD
MACON, GA 31210

TARGET PROPERTY COORDINATES

Latitude (North):	32.927359 - 32° 55' 38.49"
Longitude (West):	83.704893 - 83° 42' 17.61"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	247069.0
UTM Y (Meters):	3646290.0
Elevation:	365 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	32083-H6 MACON NW, GA
Version Date:	1985

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

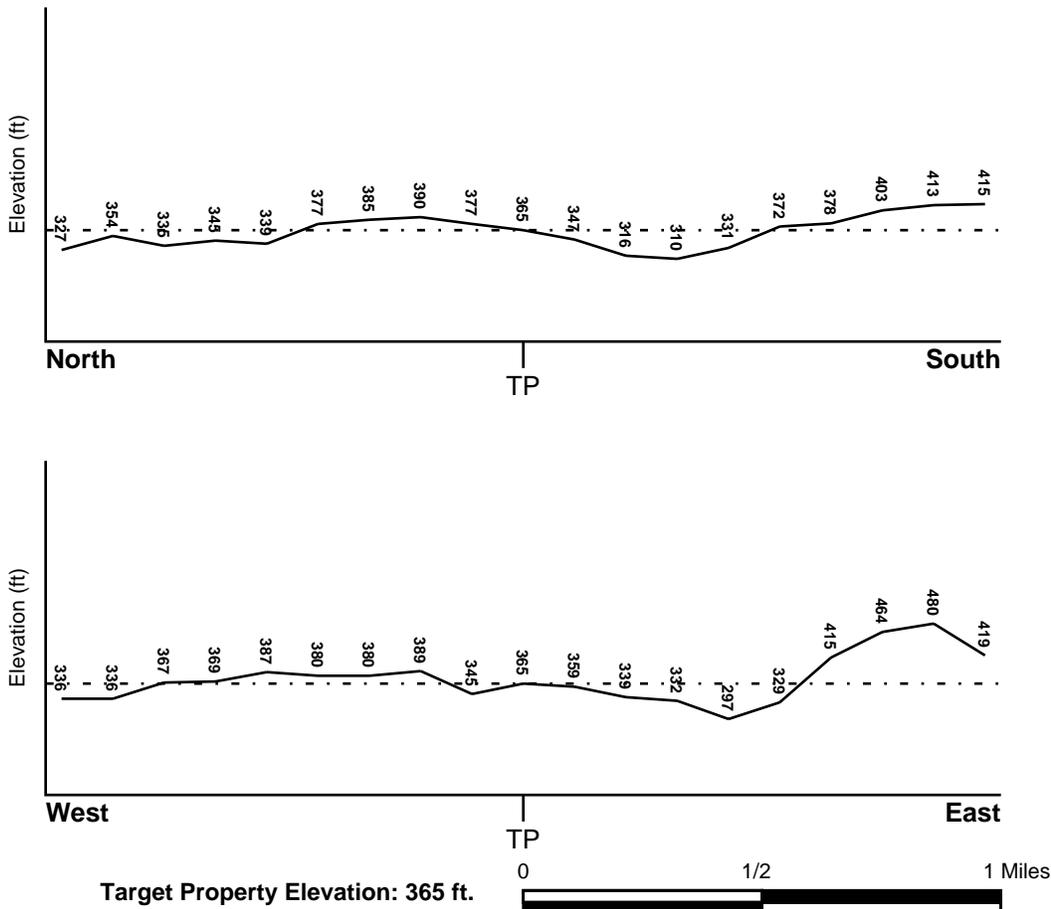
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
13207C0275D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
MACON NW	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

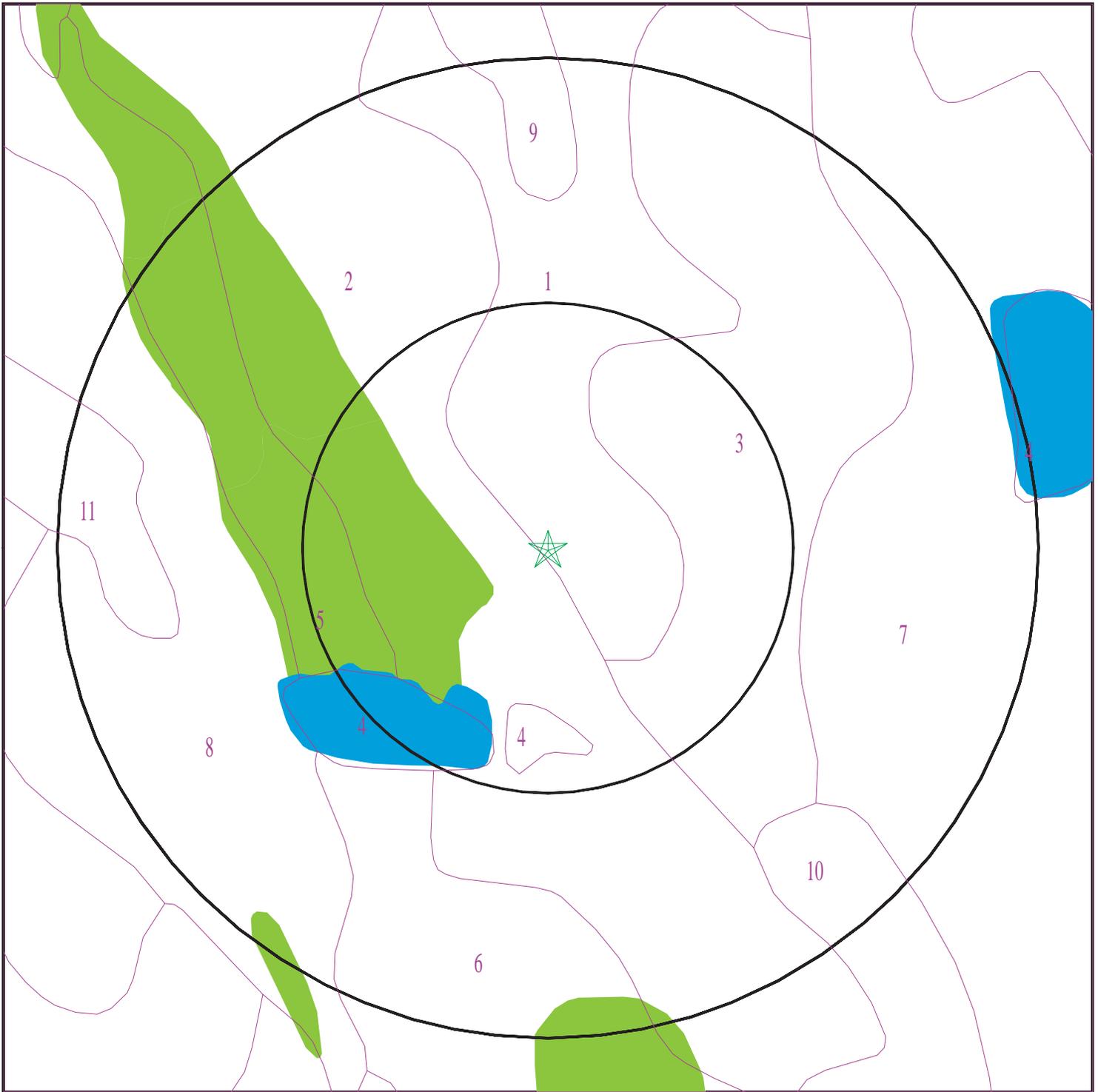
Era: Paleozoic
System: Pennsylvanian
Series: Felsic paragneiss and schist
Code: mm1 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6770426.1s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Plant Arkwright
ADDRESS: 4990 Arkwright Rd
Macon GA 31210
LAT/LONG: 32.927359 / 83.704893

CLIENT: Wood
CONTACT: Tanya Kinnard
INQUIRY #: 6770426.1s
DATE: December 01, 2021 10:31 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Davidson

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	5 inches	64 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	64 inches	68 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Cecil

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	51 inches	64 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	0 inches	5 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	5 inches	51 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5

Soil Map ID: 3

Soil Component Name: Davidson

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	5 inches	64 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	64 inches	68 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 4.5

Soil Map ID: 4

Soil Component Name: Water

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: Congaree

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 99 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	25 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 4.5
2	0 inches	18 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 4.5
3	18 inches	25 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 4.5

Soil Map ID: 6

Soil Component Name: Chewacla

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	59 inches	70 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	0 inches	18 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	18 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 4.5

Soil Map ID: 7

Soil Component Name: Cecil

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	51 inches	64 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	0 inches	5 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	5 inches	51 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5

Soil Map ID: 8

Soil Component Name: Vance

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	44 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5
2	0 inches	3 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5
3	3 inches	44 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5

Soil Map ID: 9

Soil Component Name: Davidson

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	9 inches	64 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	64 inches	68 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5

Soil Map ID: 10

Soil Component Name: Pits

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 11

Soil Component Name: Vance

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	44 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5
2	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5
3	7 inches	44 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	2.000
Federal FRDS PWS	2.000
State Database	2.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40000261390	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

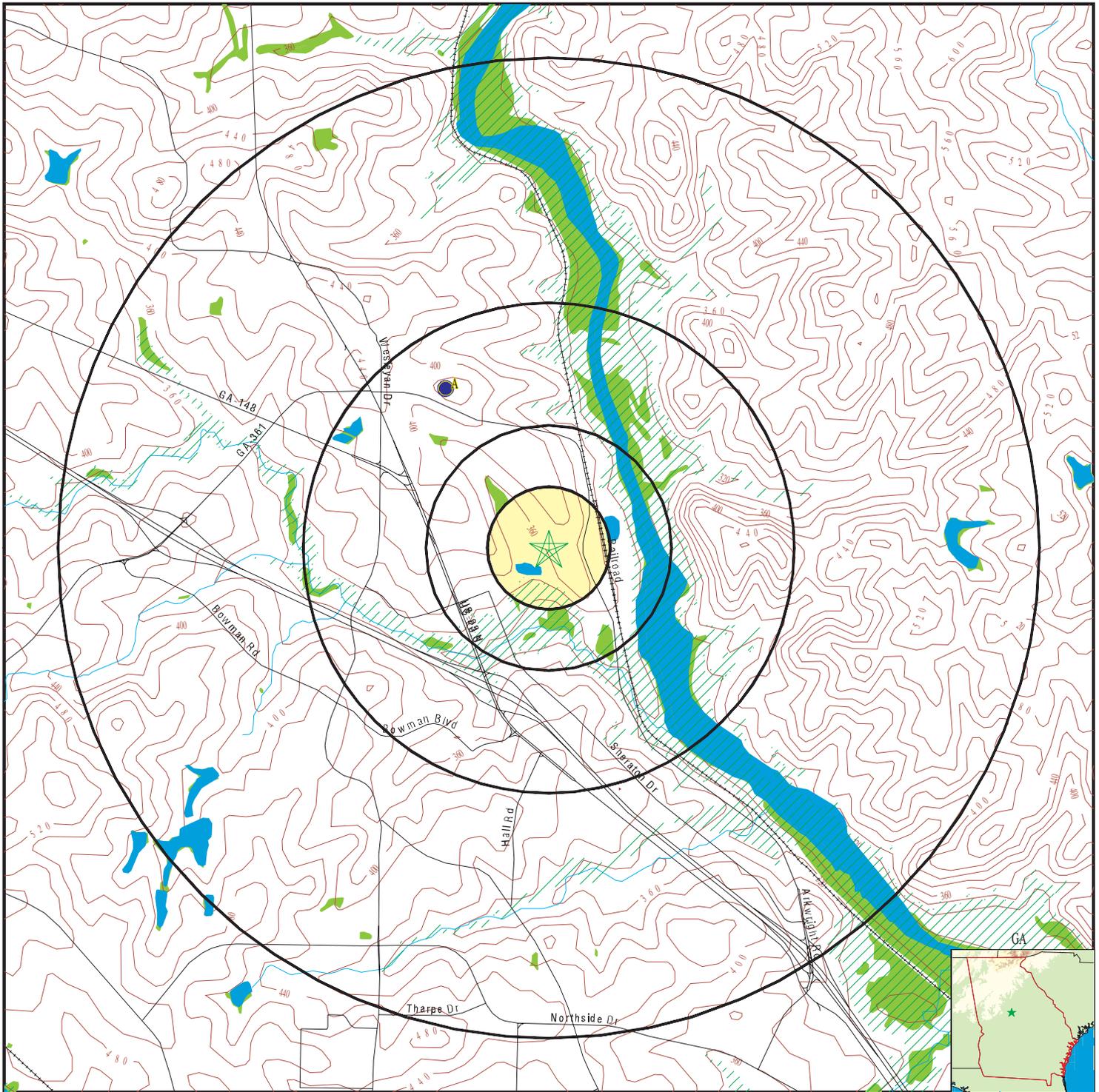
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	0000000364	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 6770426.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Wildlife Areas



SITE NAME: Plant Arkwright
 ADDRESS: 4990 Arkwright Rd
 Macon GA 31210
 LAT/LONG: 32.927359 / 83.704893

CLIENT: Wood
 CONTACT: Tanya Kinnard
 INQUIRY #: 6770426.1s
 DATE: December 01, 2021 10:31 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40000261390

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	16X005	Type:	Well
Description:	SOUTHERN NATURAL GAS 1	HUC:	03070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Crystalline Rocks	Aquifer Type:	Confined multiple aquifer
Construction Date:	Not Reported	Well Depth:	600
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

A2
NNW
1/2 - 1 Mile
Higher

GA WELLS 000000364

County code:	021	Well num:	16X005
Remarks:	SOUTHERN NATURAL GAS 1	Lat:	325612
Lon:	0834244	Latlon datum:	NAD27
Alt:	416.00	Alt datum:	NGVD29
Depth:	600	Depth to casing:	Not Reported
Casing dia:	Not Reported	Casing matl:	Not Reported
Depth to top:	Not Reported	Depth to bot:	Not Reported
Opening type:	Not Reported	Constr date:	Not Reported
Discharge:	Not Reported	Prim use:	Not Reported
Aquifer code:	400GNSS	Edr id:	000000364

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for BIBB County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 31210

Number of sites tested: 5

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	1.300 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.520 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Georgia GIS Clearinghouse

Telephone: 706-542-1581

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Georgia Public Supply Wells

Source: Georgia Department of Community Affairs

Telephone: 404-894-0127

USGS Georgia Water Wells

Source: USGS, Georgia District Office

Telephone: 770-903-9100

OTHER STATE DATABASE INFORMATION

DNR Managed Lands

Source: Department of Natural Resources

Telephone: 706-557-3032

This dataset provides 1:24,000-scale data depicting boundaries of land parcels making up the public lands managed by the Georgia Department of Natural Resources (GDNR). It includes polygon representations of State Parks, State Historic Parks, State Conservation Parks, State Historic Sites, Wildlife Management Areas, Public Fishing Areas, Fish Hatcheries, Natural Areas and other specially-designated areas. The data were collected and located by the Georgia Department of Natural Resources. Boundaries were digitized from survey plats or other information.

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Plant Arkwright

4990 Arkwright Rd
Macon, GA 31210

Inquiry Number: 6786228.2s

December 13, 2021

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

4990 ARKWRIGHT RD
MACON, GA 31210

COORDINATES

Latitude (North): 32.9273590 - 32° 55' 38.49"
Longitude (West): 83.7048930 - 83° 42' 17.61"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 247069.0
UTM Y (Meters): 3646290.0
Elevation: 365 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 15919267 MACON NW, GA
Version Date: 2020

West Map: 15919201 BOLINGBROKE, GA
Version Date: 2020

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150728, 20150727
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
4990 ARKWRIGHT RD
MACON, GA 31210

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	WILBERT BURIAL VAULT	5246 ARKWRIGHT RD	LUST, UST, US AIRS, FINDS, ECHO, AIRS, Financial...	Lower	1 ft.
A2	GA POWER COMPANY PLA	RT 12, ARKWRIGHT RD	SWF/LF	Higher	1 ft.
A3	GEORGIA POWER PLANT	5155 ARKWRIGHT ROAD	SWF/LF, Financial Assurance	Lower	41, 0.008, NE
A4	GEORGIA POWER PLANT	5155 ARKWRIGHT ROAD	SWF/LF, Financial Assurance	Lower	41, 0.008, NE
B5	GA POWER COMPANY - P	5241 ARKWRIGHT RD	AIRS	Lower	75, 0.014, NNE
B6	GA POWER CO	5241 ARKWRIGHT ROAD	ICIS, FINDS, ECHO	Lower	75, 0.014, NNE
B7	GA POWER - PLT ARKWR	5241 ARKWRIGHT RD	RCRA NonGen / NLR	Lower	75, 0.014, NNE
A8	GEORGIA POWER CORP	AT PLANT ARKWRIGHT	SPILLS	Lower	157, 0.030, ENE
C9	SECURITY BANK OPERAT	115 GATEWAY DRIVE	NPDES	Higher	277, 0.052, West
D10	JAREX INVESTMENT-ADD	315 CORPORATE WAY	NPDES	Higher	303, 0.057, WNW
D11	GROGREEN SOLUTIONS G	315 CORPORATE PKWY.	FINDS	Higher	303, 0.057, WNW
D12	JAREX INVESTMENT-ADD	315 CORPORATE PARKWA	FINDS, ECHO	Higher	303, 0.057, WNW
E13	DR. JONES ANNEX	235 SHERATON BLVD.	NPDES	Lower	354, 0.067, South
E14	DR. JONES ANNEX	235 SHERATON BLVD.	FINDS, ECHO	Lower	354, 0.067, South
C15	GPM / A DIVISION OF	110 GATEWAY DR	RCRA-VSQQ, FINDS, ECHO	Lower	387, 0.073, WSW
D16	WAREHOUSE/OFFICE DEV	312 CORPORATE PKWY.	FINDS, ECHO	Higher	435, 0.082, WNW
D17	WAREHOUSE/OFFICE DEV	312 CORPORATE PKWY.	NPDES	Higher	435, 0.082, WNW
E18	LOFTS @ RIVER CROSSI	214 SHERATON DRIVE	NPDES	Lower	460, 0.087, South
E19	LOFTS @ RIVER CROSSI	214 SHERATON DRIVE	FINDS, ECHO	Lower	460, 0.087, South
E20	RIVERSIDE 75 DEVELOP	214 SHERATON DRIVE	NPDES	Lower	460, 0.087, South
F21	ARKWRIGHT AP3 LANDFI	5398 ARKWRIGHT ROAD	FINDS, ECHO	Higher	467, 0.088, North
F22	ARKWRIGHT AP3 LANDFI	5398 ARKWRIGHT ROAD	NPDES	Higher	467, 0.088, North
E23	AXIS PAIN CENTER AND	230 SHERATON BOULEVA	NPDES	Lower	551, 0.104, South
24	ADRIAN PARK APARTMEN	5243 RIVERSIDE DRIVE	NPDES	Higher	697, 0.132, NW
25	SNG/OCMULGEE COMPRES	RT 12 ARKWRIGHT RD	UST, Financial Assurance	Higher	783, 0.148, NNW
G26	SPRINGHILLS SUITES	4700 SHERATON DRIVE	NPDES	Lower	965, 0.183, SSW
H27	SMITH BARNEY A LINCO	4785 RIVERSIDE DR	RCRA NonGen / NLR, FINDS, ECHO	Lower	984, 0.186, SW
G28	SUBARU OF MACON	4781 RIVERSIDE DRIVE	NPDES	Lower	989, 0.187, SW
G29	JACKSON AUTOMOTIVE G	4781 RIVERSIDE DR.	US AIRS, FINDS, ECHO	Lower	989, 0.187, SW
G30	JACKSON AUTOMOTIVE G	4781 RIVERSIDE DR.	AIRS	Lower	989, 0.187, SW
I31	ROOM TO GO	5097 RIVERSIDE DRIVE	NPDES	Higher	1014, 0.192, WNW
I32	ROOM TO GO	5097 RIVERSIDE DRIVE	FINDS	Higher	1014, 0.192, WNW
I33	ROOMS TO GO	5097 RIVERSIDE DRIVE	NPDES	Higher	1014, 0.192, WNW
I34	ROOM TO GO	5097 RIVERSIDE DRIVE	ECHO	Higher	1014, 0.192, WNW
J35	N&P AQUISITIONS RIVE	5019 RIVERSIDE DRIVE	NPDES	Higher	1026, 0.194, WNW
K36	SPRINGHILL SUITES BY	4630 SHERATON DRIVE	NPDES	Lower	1080, 0.205, South
J37	MATRESS FIRM- VITAMI	169 GATEWAY DRIVE	NPDES	Higher	1085, 0.205, West
K38	AMERICA'S HOME PLACE	4580 SHERATON DRIVE	NPDES	Higher	1144, 0.217, South
K39	AMERICA'S HOME PLACE	4580 SHERATON DRIVE	NPDES	Higher	1144, 0.217, South

MAPPED SITES SUMMARY

Target Property Address:
4990 ARKWRIGHT RD
MACON, GA 31210

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
H40	RIVERSIDE CORNERS	4795 RIVERSIDE DRIVE	NPDES	Lower	1198, 0.227, SW
I41	ASHLEYS MACON	5101 RIVERSIDE DR.	NPDES	Higher	1214, 0.230, WNW
I42	ASHLEYS MACON	5101 RIVERSIDE DR.	ECHO	Higher	1214, 0.230, WNW
I43	ASHLEYS MACON	5101 RIVERSIDE DR.	FINDS	Higher	1214, 0.230, WNW
L44	4540 SHERATON DR, MA	4540 SHERATON DR, MA	SPILLS	Lower	1235, 0.234, South
L45	GROOME TRANSPORTATIO	4540 SHERATON DR	UST, AST, Financial Assurance	Lower	1235, 0.234, South
L46	GROOME TRANSPORTATIO	4540 SHERATON DR	FINDS	Lower	1235, 0.234, South
H47	RIVERSIDE BP	4765 RIVERSIDE DRIVE	AST	Lower	1356, 0.257, SW
H48	ALWAYS OPEN FOUR C	4765 RIVERSIDE DRIVE	UST, Financial Assurance	Lower	1356, 0.257, SW
H49	ALWAYS OPEN FOUR C	4765 RIVERSIDE DRIVE	FINDS	Lower	1356, 0.257, SW
H50	NEW INFINITY DEALERS	4763 RIVERSIDE DRIVE	FINDS, ECHO	Lower	1357, 0.257, SW
M51	SOUTHERN NATURAL GAS	5676 ARKWRIGHT RD.	FINDS, AIRS	Higher	1400, 0.265, NW
H52	VOLKSWAGEN DEALERSHI	4768 RIVERSIDE DRIVE	FINDS, ECHO	Lower	1439, 0.273, SW
G53	BUTLER DETAIL CENTER	4580 RIVERSIDE DRIVE	NPDES	Lower	1488, 0.282, SSW
M54	OCMULGEE RIVER CROSS	5675 ARKWRIGHT ROAD	NPDES	Higher	1499, 0.284, NW
M55	SOUTHERN NATURAL GAS	5675 ARKWRIGHT RD	RCRA-VSQG, FINDS, ECHO	Higher	1499, 0.284, NW
M56	SNG STATION 5277 OCM	5675 ARKWRIGHT RD.	FINDS, ECHO	Higher	1499, 0.284, NW
M57		5675 ARKWRIGHT RD.	ERNS	Higher	1499, 0.284, NW
M58	OCMULGEE COMPRESSOR	5675 ARKWRIGHT ROAD	TIER 2	Higher	1499, 0.284, NW
M59	SOUTHERN NATURAL GAS	5675 ARKWRIGHT ROAD	AIRS	Higher	1499, 0.284, NW
M60	SOUTHERN NATURAL GAS	5675 ARKWRIGHT ROAD	TIER 2	Higher	1499, 0.284, NW
M61	OCMULGEE RIVER CROSS	5675 ARKWRIGHT ROAD	NPDES	Higher	1499, 0.284, NW
M62		5675 ARKWIGHT ROAD	ERNS	Higher	1499, 0.284, NW
M63	OCMULGEE RIVER CROSS	5675 ARKWRIGHT ROAD	FINDS, ECHO	Higher	1499, 0.284, NW
M64	SOUTHERN NATURAL GAS	5675 ARKWRIGHT ROAD.	AIRS	Higher	1499, 0.284, NW
M65	SOUTHERN NATURAL GAS	5675 ARKWRIGHT ROAD	US AIRS	Higher	1499, 0.284, NW
G66	BUTLER NISSAN	4500 RIVERSIDE DRIVE	FINDS, ECHO	Lower	1507, 0.285, SSW
G67	BUTLER NISSAN	4500 RIVERSIDE DRIVE	NPDES	Lower	1507, 0.285, SSW
M68	COBB EMC-BASS RD	5700 ARKWRIGHT ROAD	AIRS	Higher	1511, 0.286, NW
M69	COBB EMC-BASS RD	5700 ARKWRIGHT ROAD	FINDS, ECHO	Higher	1511, 0.286, NW
N70	RIVERSIDE 75 DEVELOP	4782 RIVERSIDE DRIVE	NPDES	Lower	1605, 0.304, SW
O71	NO FACILITY NAME	5220 RIVERSIDE DR	UST, Financial Assurance	Higher	1638, 0.310, WNW
O72	FIRST ENVIRONMENTAL	5223 RIVERSIDE DR	RCRA NonGen / NLR, FINDS, ECHO	Higher	1663, 0.315, NW
N73	VERIZON WIRELESS	4790 RIVERSIDE DRIVE	NPDES	Lower	1667, 0.316, SW
O74	MIKE COOK CO INC	NEW FORSYTH RD	LUST, UST, Financial Assurance	Higher	1724, 0.327, WNW
75	SOUTHERN NATURAL GAS		DOT OPS	Higher	1775, 0.336, NNW
P76	PORTRAIT INNOVATIONS	5080 RIVERSIDE DR	RCRA-VSQG, ECHO	Higher	1805, 0.342, NW
P77	PORTRAIT INNOVATIONS	5080 RIVERSIDE DR	FINDS	Higher	1805, 0.342, NW
Q78	SUTTON- PROPOSED PAR	4796 RIVERSIDE DRIVE	NPDES	Lower	1807, 0.342, WSW

MAPPED SITES SUMMARY

Target Property Address:
4990 ARKWRIGHT RD
MACON, GA 31210

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q79	SUTTON- PROPOSED PAR	4796 RIVERSIDE DRIVE	FINDS, ECHO	Lower	1807, 0.342, WSW
O80		MARATHON GAS STATION	SPILLS	Higher	1819, 0.345, WNW
O81	MARATHON #7 *REOPEN*	5250 RIVERSIDE DRIVE	AST	Higher	1819, 0.345, WNW
O82	FINA MART #18	5250 RIVERSIDE DRIVE	FINDS	Higher	1819, 0.345, WNW
O83	TREE CITY #100544	5250 RIVERSIDE DRIVE	UST, Financial Assurance	Higher	1819, 0.345, WNW
O84	BASS CLEANERS	5250 RIVERSIDE DR	SPILLS, DRYCLEANERS	Higher	1819, 0.345, WNW
85	HOLTON NGTR		FUDS	Lower	1962, 0.372, NE
R86	NORTHWINDS	5290 RIVERSIDE DRIVE	NPDES	Higher	2268, 0.430, NW
R87	BALCOM CABINET & MI	5290 RIVERSIDE DR	AIRS	Higher	2268, 0.430, NW
R88	BALCOM CABINET & MI	5290 RIVERSIDE DR	US AIRS, FINDS, ECHO	Higher	2268, 0.430, NW
S89	HILL TOP FOOD MART	4488 RIVERSIDE DR.	UST, Financial Assurance	Higher	2375, 0.450, South
S90	RIVERSIDE DRIVE SHEL	4488 RIVERSIDE DRIVE	AST	Higher	2375, 0.450, South
R91	BALCOM PROPERTY/FORM	5296 RIVERSIDE DR	LUST, UST, Financial Assurance	Higher	2473, 0.468, NW
R92	BALCOM PROPERTY/FORM	5296 RIVERSIDE DR	RGA LUST	Higher	2473, 0.468, NW
T93	MACON MTSO ECP 5	4306 SHERATON DRIVE	TIER 2	Higher	2508, 0.475, SSE
S94	HILL TOP PACKAGE & C	1580 HALL ROAD	FINDS, ECHO	Higher	2637, 0.499, South
T95	ASHEEV, LLC DBA PIN	4318 SHERATON DRIVE	NPDES	Higher	2648, 0.502, SSE
T96	ASHEEV, LLC DBA PIN	4318 SHERATON DRIVE	FINDS, ECHO	Higher	2648, 0.502, SSE
U97	GA POWER	2112 ARKWRIGHT ROAD	SPILLS 90	Lower	3198, 0.606, SSE
U98	OCMULGEE MARKETING I	4149 ARKWRIGHT RD	EDR Hist Auto	Lower	3260, 0.617, SE
99	1770 BASS ROAD	1770 BASS ROAD	NPDES	Higher	3441, 0.652, NW
V100		BASS AT WESLYN STORA	SPILLS	Higher	3453, 0.654, WNW
V101		5402 NEW FORSYTH ROA	ERNS	Lower	3459, 0.655, WNW
V102	STEPHENS J L LUBRICA	5462 NEW FORSYTH RD	EDR Hist Auto	Higher	3702, 0.701, WNW
V103	ALTERNATIVE WASTE SE	5462 NEW FORSYTH ROA	SWF/LF	Higher	3702, 0.701, WNW
104	RIVER NORTH CC INC	1 RIVER NORTH BLVD	UST, Financial Assurance	Lower	3788, 0.717, SE
105	IKON OFFICE SOLUTION	1738 BASS ROAD	AST	Higher	3909, 0.740, WNW
W106	XXX	933 RIVER NORTH BLVD	FINDS	Lower	4017, 0.761, SE
W107	XXX	933 RIVER NORTH BLVD	FTTS, HIST FTTS	Lower	4017, 0.761, SE
X108	WESLEYAN CROSSING LO	1205 AND 1209 GLEN L	NPDES	Higher	4215, 0.798, SSW
X109	WESLEYAN CROSSING LO	1205 AND 1209 GLEN L	FINDS	Higher	4215, 0.798, SSW
X110	WESLEYAN CROSSING LO	1205 AND 1209 GLEN L	ECHO	Higher	4215, 0.798, SSW
111	BASS MARKET PLACE 16	NEW FORSYTH ROAD AND	NPDES	Lower	4260, 0.807, WNW
X112	WESLEYAN CROSSING LO	1206 GLEN LEA RD, 11	NPDES	Higher	4269, 0.809, SSW
X113	WESLEYAN CROSSING LO	1206 GLEN LEA RD, 11	ECHO	Higher	4269, 0.809, SSW
X114	WESLEYAN CROSSING LO	1206 GLEN LEA RD, 11	FINDS	Higher	4269, 0.809, SSW
X115	WESLEYAN CROSSING LO	1043 BROOKFORD ROAD	FINDS, ECHO	Lower	4286, 0.812, SSW
X116	WESLEYAN CROSSING LO	1043 BROOKFORD ROAD	NPDES	Lower	4286, 0.812, SSW
W117	JAMES EMORY, INC.	4108 ARKWRIGHT ROAD	SWF/LF	Lower	4379, 0.829, SE

MAPPED SITES SUMMARY

Target Property Address:
4990 ARKWRIGHT RD
MACON, GA 31210

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Y118	NORTH MACON PLAZA SI	200 STARCADIA CIRCLE	FINDS	Lower	4399, 0.833, West
Y119	NORTH MACON PLAZA SI	200 STARCADIA CIRCLE	NPDES	Lower	4399, 0.833, West
Y120	NORTH MACON PLAZA SI	200 STARCADIA CIRCLE	ECHO	Lower	4399, 0.833, West
Y121	J CHRISTOPHER'S REST	220 STARCADIA CIRCLE	NPDES	Lower	4481, 0.849, WNW
Z122	WESLEYAN CROSSING LO	1029 BROOKFORD ROAD	ECHO	Lower	4499, 0.852, SW
Z123	WESLEYAN CROSSING LO	1029 BROOKFORD ROAD	NPDES	Lower	4499, 0.852, SW
Z124	WESLEYAN CROSSING LO	1029 BROOKFORD ROAD	FINDS	Lower	4499, 0.852, SW
Z125	WESLEYAN CROSSING LO	1004 AND 1020 BROOKF	FINDS, ECHO	Higher	4561, 0.864, SW
Z126	WESLEYAN CROSSING LO	1004 AND 1020 BROOKF	NPDES	Higher	4561, 0.864, SW
AA127	LULLWATER EAST	1693 BASS ROAD	NPDES	Lower	4640, 0.879, WNW
128	BILL J. CASSIDY	155 RIVER KNOLL MACO	SPILLS	Lower	4665, 0.884, SE
AB129	PROPOSED MEDICAL OFF	5551 NEW FORSYTH ROA	FINDS, ECHO	Higher	4677, 0.886, WNW
AB130	WEMBLY AT OVERLOOK,	5551 NEW FORSYTH ROA	NPDES	Higher	4677, 0.886, WNW
AB131	SD INVESTMENT PROPER	5551 NEW FORSYTH ROA	NPDES	Higher	4677, 0.886, WNW
AA132	CHICKEN SALAD CHICK	1676 BASS ROAD	ECHO	Lower	4898, 0.928, WNW
AA133	CHICKEN SALAD CHICK	1676 BASS ROAD	NPDES	Lower	4898, 0.928, WNW
AA134	CHICKEN SALAD CHICK	1676 BASS ROAD	FINDS	Lower	4898, 0.928, WNW
Z135	WESLEYAN CROSSING LO	1000 BROOKFORD ROAD	FINDS	Higher	4930, 0.934, SW
Z136	WESLEYAN CROSSING LO	1000 BROOKFORD ROAD	NPDES	Higher	4930, 0.934, SW
Z137	WESLEYAN CROSSING LO	1000 BROOKFORD ROAD	ECHO	Higher	4930, 0.934, SW
AA138	GEM CLEANERS & LAUND	1687 BASS RD # 100	DRYCLEANERS	Higher	4957, 0.939, WNW
AC139	NORTH MACON PLAZA	1625 BASS ROAD	NPDES	Higher	5076, 0.961, West
AC140	NORTH MACON PLAZA	1625 BASS ROAD	FINDS, ECHO	Higher	5076, 0.961, West
AD141	WOMEN'S HEALTH INSTI	4050 RIVERSIDE DRIVE	NPDES	Higher	5346, 1.013, SSE
AD142	WOMEN'S HEALTH INSTI	4050 RIVERSIDE DRIVE	FINDS	Higher	5346, 1.013, SSE
AD143	WOMEN'S HEALTH INSTI	4050 RIVERSIDE DRIVE	ECHO	Higher	5346, 1.013, SSE
144	LUNDY CHAPEL BAPTIST	2115 FOREST HILL ROA	NPDES	Higher	5384, 1.020, SSW
AE145	ARKWRIGHT DRY CLEANE	3975 ARKWRIGHT RD #	SPILLS, DRYCLEANERS	Lower	5742, 1.087, SE
AF146	NEW CAMPUS FOR MONTE	855 TOLLIVER PLACE N	NPDES	Higher	5901, 1.118, South
AF147	A NEW BUILDING FOR M	855 TOLLIVER PLACE	NPDES	Higher	5901, 1.118, South
AG148	THE ACADEMY OF CLASS	5665 NEW FORSYTH ROA	FINDS	Higher	5908, 1.119, WNW
AG149	ACE CHARTER SCHOOL P	5665 NEW FORSYTH ROA	NPDES	Higher	5908, 1.119, WNW
AE150	MACON BEVERAGE OUTLE	3965 ARKWRIGHT ROAD	FINDS, ECHO	Lower	5917, 1.121, SE
AE151	MACON BEVERAGE OUTLE	3965 ARKWRIGHT ROAD	NPDES	Lower	5917, 1.121, SE
AH152	BOWMAN STATION APART	5235 BOWMAN ROAD	FINDS, ECHO	Higher	6070, 1.150, WSW
AH153	BOWMAN VILLAGE	5300 BOWMAN ROAD	NPDES	Higher	6134, 1.162, WSW
AH154	BOWMAN VILLAGE	5300 BOWMAN ROAD	FINDS, ECHO	Higher	6134, 1.162, WSW
AH155	BOWMAN ROAD DEVELOPM	5300 BOWMAN ROAD	NPDES	Higher	6134, 1.162, WSW
AH156	BOWMAN ROAD DEVELOPM	5300 BOWMAN ROAD	NPDES	Higher	6134, 1.162, WSW

MAPPED SITES SUMMARY

Target Property Address:
4990 ARKWRIGHT RD
MACON, GA 31210

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AI157	ARKWRIGHT RD SUNOCO	3910 ARKWRIGHT RD	UST, Financial Assurance	Lower	6404, 1.213, SE
AJ158	GEORGIA FARM BUREAU	1620 BASS RD	UST, Financial Assurance	Higher	6416, 1.215, West
AJ159	GEORGIA FARM BUREAU	1620 BASS RD	FINDS	Higher	6416, 1.215, West
160	PRESTON PARK	101 PRESTON COURT	NPDES	Lower	6499, 1.231, WNW
AK161	WHISPERING WOODS APA	WHISPERING WOODS APT	SPILLS	Higher	6535, 1.238, SSW
AL162	COUNTRY INN SUITES	3915 ARKWRIGHT ROAD	NPDES	Higher	6569, 1.244, SE
163		137 OLD RIDGE RD.	SPILLS	Higher	6626, 1.255, ESE
AI164	SPECTRUM #95	3903 ARKWRIGHT RD	FINDS	Higher	6661, 1.262, SE
AI165	CIRCLE K #6729	3903 ARKWRIGHT ROAD	AST	Higher	6661, 1.262, SE
AI166	SPECTRUM #95	3903 ARKWRIGHT RD	RGA LUST	Higher	6661, 1.262, SE
AI167	CIRCLE K 6729	3903 ARKWRIGHT RD	LUST, UST, Financial Assurance	Higher	6661, 1.262, SE
AI168	CIRCLE K 6729	3903 ARKWRIGHT RD	RGA LUST	Higher	6661, 1.262, SE
169	TRIANGLE CHEMICAL CO	117 PRESTON COURT	FINDS	Higher	6853, 1.298, WNW
AK170	WHISPERING WOODS APT	4411 NORTHSIDE DRIVE	SPILLS	Higher	6871, 1.301, SSW
AM171	RIVER RIDGE APARTMEN	3896 RIVERSIDE DRIVE	FINDS	Lower	6892, 1.305, SSE
172	B G MOBILE TRUCK EQU	114 RED FOX RUN	EDR Hist Auto	Higher	6922, 1.311, NW
AN173	SHERWIN WILLIAMS	5436 BOWMAN ROAD	ECHO	Higher	6964, 1.319, West
AN174	SHERWIN WILLIAMS	5436 BOWMAN ROAD	FINDS	Higher	6964, 1.319, West
AN175	SHERWIN WILLIAMS	5436 BOWMAN ROAD	NPDES	Higher	6964, 1.319, West
AL176	SATURN OF MACON	3931 RIVERPLACE DR	ICIS, US AIRS, FINDS, ECHO	Higher	7075, 1.340, SE
AN177	THE LOFTS AT BASS PH	5429 BOWMAN ROAD	NPDES	Higher	7187, 1.361, West
AN178	THE LOFTS AT BASS PH	5429 BOWMAN ROAD	FINDS, ECHO	Higher	7187, 1.361, West
AO179	TREE CITY #100545	1607 BASS RD	UST, Financial Assurance	Higher	7200, 1.364, West
AO180	LEE'S CITGO	1607 BASS ROAD	AST	Higher	7200, 1.364, West
AO181	BASS CLEANERS	1609 BASS RD	DRYCLEANERS	Higher	7202, 1.364, West
AP182	SOUTHERN NATURAL GAS	14" BASS METER STATI	GA NON-HSI	Higher	7212, 1.366, West
AP183	SOUTHERN NATURAL GAS	I-75 @ EXIT# 56 (BAS	GA NON-HSI	Higher	7214, 1.366, West
AO184	FLASH FOODS #145	1608 BASS RD	UST, Financial Assurance	Higher	7223, 1.368, West
AO185	FLASH FOODS # 145	1608 BASS ROAD	AST	Higher	7223, 1.368, West
AM186	CALIBER COLLISION CE	111 RIVERSIDE PARKWA	ECHO	Higher	7224, 1.368, SSE
AM187	BMW OF MACON	BMW OF MACON 111 RIV	SPILLS	Higher	7224, 1.368, SSE
AM188	CALIBER COLLISION CE	111 RIVERSIDE PARKWA	RCRA-VSQG	Higher	7224, 1.368, SSE
AM189	CALIBER COLLISION CE	111 RIVERSIDE PARKWA	FINDS	Higher	7224, 1.368, SSE
AQ190	NEIGHBORHOOD FOOD MA	4705 NORTHSIDE DR	UST, Financial Assurance	Higher	7314, 1.385, SSW
AQ191	MINI FOODS	4705 NORTHSIDE DRIVE	AST	Higher	7314, 1.385, SSW
AQ192	NEIGHBORHOOD FOOD MA	4705 NORTHSIDE DR	RGA LUST	Higher	7314, 1.385, SSW
AQ193	NEIGHBORHOOD FOOD MA	4705 NORTHSIDE DR	LUST, FINDS	Higher	7314, 1.385, SSW
AQ194	NORTHSIDE CHEVRON	4719 NORTHSIDE DRIVE	AST	Higher	7334, 1.389, SSW
AQ195	WALTHALL OIL COMPANY	4719 NORTHSIDE DR	EDR Hist Auto	Higher	7334, 1.389, SSW

MAPPED SITES SUMMARY

Target Property Address:
4990 ARKWRIGHT RD
MACON, GA 31210

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AQ196	MINI FOOD STORE #11	4719 NORTHSIDE DR	RGA LUST	Higher	7334, 1.389, SSW
AO197	SOUTHERN NATURAL GAS	1604 BASS ROAD	TIER 2	Higher	7387, 1.399, West
AO198	SOUTHERN NATURAL GAS	1604 BASS RD	RCRA NonGen / NLR, FINDS, ECHO	Higher	7387, 1.399, West
AO199	BASS JUNCTION ODORIZ	1604 BASS ROAD	TIER 2	Higher	7387, 1.399, West
AR200	CVS PHARMACY #4545	1615 FOREST HILL ROA	RCRA-VSQG	Higher	7446, 1.410, South
AR201	CVS PHARMACY #4545	1615 FOREST HILL RD.	FINDS, ECHO	Higher	7446, 1.410, South
AS202	ARCHER WESTERN CONTR	INFIELD BETWEEN I-47	FINDS, ECHO	Lower	7472, 1.415, SSE
AS203	ARCHER WESTERN CONTR	STATEWIDE PERMIT	AIRS	Lower	7472, 1.415, SSE
AR204	CIRCLE K MACON (NORT	4001 NORTHSIDE DRIVE	FINDS, ECHO	Higher	7584, 1.436, South
AR205	CIRCLE K 2706771	4001 NORTHSIDE DR	UST, Financial Assurance	Higher	7584, 1.436, South
AT206	PINNACLE REALTY	116 RIVERSIDE PARKWA	FINDS	Lower	7610, 1.441, SSE
AU207	WARNER ROBINS SUPPLY	3972 NORTHSIDE DRIVE	AST	Higher	7634, 1.446, South
AO208	FLASH FOODS	1600 BASS RD	SPILLS	Higher	7639, 1.447, West
AO209		1600 BASS RD.	ERNS	Higher	7639, 1.447, West
AO210	NEW BURGER KING REST	5441 BOWMAN ROAD	FINDS, ECHO	Higher	7654, 1.450, West
AU211	SUDS EXPRESS CAR WAS	3950 NORTHSIDE DRIVE	FINDS, ECHO	Higher	7680, 1.455, South
AU212	SUDS EXPRESS CAR WAS	3950 NORTHSIDE DRIVE	NPDES	Higher	7680, 1.455, South
AR213	CHOICE CLEANERS D&Y	4002 NORTHSIDE DR	EDR Hist Cleaner	Higher	7687, 1.456, South
AU214	AUTOBAHN DO IT YOURS	3946 NORTHSIDE DR	EDR Hist Auto	Higher	7723, 1.463, South
AR215	CHOICE CLEANERS	4010 NORTHSIDE DR #	DRYCLEANERS	Higher	7735, 1.465, South
AR216	CHOICE CLEANERS	4010 NORTHSIDE DR ST	EDR Hist Cleaner	Higher	7735, 1.465, South
AR217	NORTHSIDE CROSSING O	4010 NORTHSIDE DRIVE	FINDS	Higher	7735, 1.465, South
AR218	CIRCLE K 6771	4100 NORTHSIDE DRIVE	AST	Higher	7737, 1.465, South
AR219	MINI FOODS #7; #51	1592 FORREST HILLS R	LUST, FINDS	Higher	7747, 1.467, South
AR220	CITGO FOOD MART	1592 FOREST HILL ROA	AST	Higher	7747, 1.467, South
AR221	CITGO FOOD MART	1592 FORREST HILLS R	UST, Financial Assurance	Higher	7747, 1.467, South
AR222	MINI-FOOD STORES INC	1592 FOREST HILL RD	EDR Hist Auto	Higher	7747, 1.467, South
AR223	MINI FOODS #7/#51	1592 FOREST HILLS RD	RGA LUST	Higher	7747, 1.467, South
AR224	MINI FOODS #7; #51	1592 FORREST HILLS R	RGA LUST	Higher	7747, 1.467, South
AR225	BARLOWS B P STATION	1585 FOREST HILL RD	EDR Hist Auto	Higher	7760, 1.470, South
AR226	451 (EXPRESS FOODS)	1585 FOREST HILL RD	RGA LUST	Higher	7760, 1.470, South
AR227	EXPRESS FOODS #16	1585 FOREST HILL RD	FINDS	Higher	7760, 1.470, South
AR228	EXPRESS FOODS #16	1585 FOREST HILL RD	RGA LUST	Higher	7760, 1.470, South
AR229	SHELL EXPRESS FOODS	1585 FOREST HILL ROA	AST	Higher	7760, 1.470, South
AR230	EXPRESS FOODS 16 (44	1585 FOREST HILL RD	RGA LUST	Higher	7760, 1.470, South
AR231	BARLOW'S BP	1585 FOREST HILL RD	RGA LUST	Higher	7760, 1.470, South
AR232	SHELL FOOD MART	1585 FOREST HILL RD	LUST, UST, Financial Assurance	Higher	7760, 1.470, South
AV233	PUBLIX SUPERMARKET 1	5451 BOWMAN ROAD	ECHO	Higher	7761, 1.470, West
AV234	PUBLIX SUPERMARKET 1	5451 BOWMAN ROAD	FINDS	Higher	7761, 1.470, West

MAPPED SITES SUMMARY

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4990 ARKWRIGHT RD
MACON, GA 31210

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AV235	PUBLIX SUPERMARKET 1	5451 BOWMAN ROAD	RCRA-VSQQ	Higher	7761, 1.470, West
AT236	RAFFIELD TIRE-MASTER	120 RIVERSIDE PKWY	ICIS, US AIRS, FINDS, ECHO	Higher	7805, 1.478, SSE
AW237	THE ARBOR APARTMENT	3901 NORTHSIDE DRIVE	FINDS	Higher	7837, 1.484, SSE
AX238	WALTHALL OIL #407	3720 RIVERSIDE DRIVE	AST	Lower	7876, 1.492, SSE
AX239	WALTHALL OIL COMPANY	3720 RIVERSIDE DR	EDR Hist Auto	Lower	7876, 1.492, SSE
AX240	ARKWRIGHT CHEVRON/CH	3720 RIVERSIDE DR	RGA LUST	Lower	7876, 1.492, SSE
AX241	CHEVRON #53094	3720 RIVERSIDE DR	RCRA NonGen / NLR, FINDS, ECHO	Lower	7876, 1.492, SSE
AX242	ARKWRIGHT CHEVRON/CH	3720 RIVERSIDE DR	RGA LUST	Lower	7876, 1.492, SSE
AX243	ARKWRIGHT CHEVRON/CH	3720 RIVERSIDE DR	LUST, UST, Financial Assurance, TIER 2	Lower	7876, 1.492, SSE
AV244	CHICK-FIL-A: STORE #	1569 BASS ROAD	NPDES	Higher	7914, 1.499, West
AY245	AVID HOTEL	3969 RIVER PLACE DR	NPDES	Lower	7944, 1.505, SE
AY246	AVID HOTEL	3969 RIVER PLACE DR	ECHO	Lower	7944, 1.505, SE
AY247	AVID HOTEL	3969 RIVER PLACE DR	FINDS	Lower	7944, 1.505, SE
AX248	MACON TO MILLEDGEVIL	RIVERSIDE DRIVE AND	FINDS, ECHO	Lower	7980, 1.511, SSE
AW249	OCMULGEE MARKETING I	3888 NORTHSIDE DR	EDR Hist Auto	Higher	8010, 1.517, SSE
AT250	CHICK-FIL-A #00813 T	140 TOM HILL SR. BLV	FINDS	Higher	8078, 1.530, SSE
AT251	CHICK-FIL-A #00813 T	140 TOM HILL SR. BLV	NPDES	Higher	8078, 1.530, SSE
AT252	CHICK-FIL-A #00813 T	140 TOM HILL SR. BLV	ECHO	Higher	8078, 1.530, SSE
AT253	SALLY BEAUTY SUPPLY	164 TOM HILL SR BLVD	ECHO	Higher	8146, 1.543, SSE
AT254	SALLY BEAUTY SUPPLY	164 TOM HILL SR BLVD	RCRA-VSQQ	Higher	8146, 1.543, SSE
AT255	SALLY BEAUTY SUPPLY	164 TOM HILL SR BLVD	FINDS	Higher	8146, 1.543, SSE
AZ256	BASS PRO SHOP	5000 BASS PRO BOULEV	AST	Higher	8167, 1.547, WNW
AZ257	BASS PRO SECURITY PA	5000 BASS PRO BLVD.	NPDES	Higher	8167, 1.547, WNW
AZ258	BASS PRO SHOPS	5000 BASS PRO BLVD	FINDS, ECHO	Higher	8167, 1.547, WNW
BA259	PURPLE ESTATE LLC	3821 NORTHSIDE DR	LUST	Lower	8211, 1.555, SSE
BA260	CIRCLE K #6714	3821 NORTHSIDE DRIVE	AST	Lower	8211, 1.555, SSE
BA261	PURPLE ESTATE LLC	3821 NORTHSIDE DR	UST, Financial Assurance	Lower	8211, 1.555, SSE
BB262	MID-STATE POOLS & SP	242 TOM HILL SR BLVD	FINDS	Lower	8212, 1.555, SSE
BC263	PROVIDENCE TOWN CENT	1540 BASS ROAD	ECHO	Higher	8226, 1.558, West
BC264	PROVIDENCE TOWN CENT	1540 BASS ROAD	NPDES	Higher	8226, 1.558, West
BC265	PROVIDENCE TOWN CENT	1540 BASS ROAD	FINDS	Higher	8226, 1.558, West
BC266	CVS PHARMACY #10357	1544 BASS ROAD	ECHO	Higher	8226, 1.558, West
BC267	CHERRY BLOSSOM CAR W	1548 BASS RD	ECHO	Higher	8226, 1.558, West
BC268	CVS/PHARMACY #10357	1544 BASS ROAD	NPDES	Higher	8226, 1.558, West
BC269	CVS PHARMACY #10357	1544 BASS ROAD	RCRA-VSQQ, FINDS	Higher	8226, 1.558, West
BC270	CHERRY BLOSSOM CAR W	1548 BASS RD	NPDES	Higher	8226, 1.558, West
BC271	CHERRY BLOSSOM CAR W	1548 BASS RD	FINDS	Higher	8226, 1.558, West
AW272	CITY OF MACON	3900 NORTHSIDE DRIVE	SPILLS	Higher	8281, 1.568, South
AW273	CITY OF MACON		SPILLS	Higher	8281, 1.568, South

MAPPED SITES SUMMARY

Target Property Address:
4990 ARKWRIGHT RD
MACON, GA 31210

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
BA274	LITTLE SUPER COIN LA	3827 NORTHSIDE DR	EDR Hist Cleaner	Lower	8303, 1.573, SSE
BB275	KROGER FUEL CENTER G	220 TOM HILL SR. BLV	AST	Lower	8327, 1.577, SSE
BB276	KROGER 378	220 TOM HILL SR BLVD	UST, Financial Assurance	Lower	8327, 1.577, SSE
BB277	KROGER #011-0378	220 TOM HILL SR BLVD	FINDS, ECHO	Lower	8327, 1.577, SSE
BB278	KROGER #011-0378	220 TOM HILL SR BLVD	RCRA-VSQG	Lower	8327, 1.577, SSE
BB279	KROGER FUEL CENTER G	220 TOM HILL SR. BLV	NPDES	Lower	8327, 1.577, SSE
BA280	A & T NORTHSIDE CLEA	3823 NORTHSIDE DR	EDR Hist Cleaner	Lower	8328, 1.577, SSE
BA281	A & T CLEANERS-NORTH	3823 NORTHSIDE DRIVE	FINDS, ECHO	Lower	8328, 1.577, SSE
BA282	A & T NORTHSIDE CLEA	3823 NORTHSIDE DR	RCRA NonGen / NLR, US AIRS	Lower	8328, 1.577, SSE
BA283	A & T NORTHSIDE CLEA	3823 NORTHSIDE DR	GA NON-HSI, DRYCLEANERS	Lower	8328, 1.577, SSE
BA284	CIRCLE K	3802 NORTHSIDE DRIVE	AST	Lower	8405, 1.592, SSE
BA285	SPECTURM #69	3802 NORTHSIDE DR	RGA LUST	Lower	8405, 1.592, SSE
BA286	CIRCLE K 6714	3802 NORTHSIDE DR	RGA LUST	Lower	8405, 1.592, SSE
BA287	SPECTURM #69	3802 NORTHSIDE DR	FINDS	Lower	8405, 1.592, SSE
BA288	PAN AM NUMBER NINE	3802 NORTHSIDE DR	EDR Hist Auto	Lower	8405, 1.592, SSE
BC289	HOLIDAY INN EXPRESS	240 N. MACON STREET	FINDS, ECHO	Higher	8446, 1.600, West
BC290	HOLIDAY INN EXPRESS	240 N. MACON STREET	NPDES	Higher	8446, 1.600, West
BD291	HUTCHINSON AUTO MALL	3989 RIVER PLACE DR	RCRA NonGen / NLR	Lower	8457, 1.602, SE
BD292	HUTCHINSON AUTO MALL	3989 RIVER PLACE DR	FINDS, ECHO	Lower	8457, 1.602, SE
BD293	HUCKABEE AUTO COMPAN	3989 RIVER PLACE DR	EDR Hist Auto	Lower	8457, 1.602, SE
BA294	PRO TIRE	3787 NORTHSIDE DRIVE	ICIS, US AIRS, FINDS, ECHO	Lower	8482, 1.606, SSE
BA295	COSMOPROF #66220	3780 NORTHSIDE DR	ECHO	Lower	8579, 1.625, SSE
BA296	COSMOPROF #66220	3780 NORTHSIDE DR	FINDS	Lower	8579, 1.625, SSE
BA297	COSMOPROF #66220	3780 NORTHSIDE DR	RCRA-VSQG	Lower	8579, 1.625, SSE
BE298	SWEET TREATS BY SHEL	105 BASS PLANTATION	EDR Hist Auto	Higher	8766, 1.660, West
BF299	FABRA CARE CLEANERS	252 TOM HILL ST	EDR Hist Cleaner	Higher	8793, 1.665, SSE
BF300	SEARS CLEANERS	252 TOM HILL SR. BLV	DRYCLEANERS	Higher	8793, 1.665, SSE
BE301	SSK REALTORS COLDWEL	1501 BASS ROAD	FINDS	Higher	8816, 1.670, West
302		119 WEDGEWOOD COURT.	SPILLS	Higher	8895, 1.685, East
BF303	KAYO OIL COMPANY(MIN	260 TOM HILL SR. BOU	AST	Higher	8915, 1.688, SSE
BF304	CONOCO #10084	260 TOM HILL SR BLVD	LUST, FINDS	Higher	8915, 1.688, SSE
BF305	CONOCO #10084	260 TOM HILL SR BLVD	UST, Financial Assurance	Higher	8915, 1.688, SSE
BF306	CONOCO #10084	260 TOM HILL SR BLVD	RGA LUST	Higher	8915, 1.688, SSE
BG307	NEW SPINE CENTER FOR	3712 NORTHSIDE DRIVE	NPDES	Lower	8964, 1.698, SSE
BG308	NEW SPINE CENTER FOR	3712 NORTHSIDE DRIVE	FINDS, ECHO	Lower	8964, 1.698, SSE
BH309	RIVERSIDE ACE HARDWA	3600 RIVERSIDE DRIVE	AST	Lower	9057, 1.715, SSE
310		1030 WESLEYANN DRIVE	SPILLS	Higher	9151, 1.733, SSW
BI311	TRU HOTEL	107 PROVIDENCE BLVD.	FINDS	Higher	9186, 1.740, West
BI312	TRU HOTEL	107 PROVIDENCE BLVD.	ECHO	Higher	9186, 1.740, West

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MACON, GA 31210

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BI313	TRU HOTEL	107 PROVIDENCE BLVD.	NPDES	Higher	9186, 1.740, West
BJ314	SNOW'S MEMORIAL CHAP	1415 BASS RD.	FINDS, ECHO	Higher	9313, 1.764, WSW
BJ315	TORI HEARD PARK - MA	1415 BASS ROAD	NPDES	Higher	9313, 1.764, WSW
BJ316	SNOW'S MEMORIAL CHAP	1415 BASS RD.	NPDES	Higher	9313, 1.764, WSW
BI317	WATERCREST ASSISTED	111 PROVIDENCE BLVD	ECHO	Higher	9373, 1.775, West
BI318	WATERCREST ASSISTED	111 PROVIDENCE BLVD	NPDES	Higher	9373, 1.775, West
BI319	WATERCREST ASSISTED	111 PROVIDENCE BLVD	FINDS	Higher	9373, 1.775, West
BI320	1400 BASS ROAD DEVEL	1400 BASS ROAD	FINDS, ECHO	Higher	9422, 1.784, West
BI321	1400 BASS ROAD DEVEL	1400 BASS ROAD	NPDES	Higher	9422, 1.784, West
BK322	PROVIDENCE/CARILLON	339 CARILLON LN AND	NPDES	Lower	9545, 1.808, West
BK323	PROVIDENCE/CARILLON	339 CARILLON LN AND	ECHO	Lower	9545, 1.808, West
BK324	PROVIDENCE/CARILLON	339 CARILLON LN AND	FINDS	Lower	9545, 1.808, West
BH325	ORKIN PEST CONTROL #	3556 RIVERSIDE DR	RGA LUST	Lower	9610, 1.820, SSE
BH326	ORKIN PEST CONTROL #	3556 RIVERSIDE DR	LUST, UST, Financial Assurance	Lower	9610, 1.820, SSE
327	LOELO INC	3590 RIVERSIDE DR	EDR Hist Auto	Lower	9612, 1.820, SSE
328	THUNDER N LIGHTING M	909 QUAIL TRL	EDR Hist Auto	Higher	9737, 1.844, SSW
BL329	PROVIDENCE/CARILLON	368 AND 372 CARILLON	NPDES	Higher	9850, 1.866, West
BL330	PROVIDENCE/CARILLON	368 AND 372 CARILLON	ECHO	Higher	9850, 1.866, West
BL331	PROVIDENCE/CARILLON	368 AND 372 CARILLON	FINDS	Higher	9850, 1.866, West
BM332	NORTHSIDE SENIOR VIL	3568 NORTHSIDE DRIVE	ECHO	Lower	10003, 1.895, SSE
BM333	NORTHSIDE SENIOR VIL	3568 NORTHSIDE DRIVE	FINDS	Lower	10003, 1.895, SSE
BM334	NORTHSIDE SENIOR VIL	3568 NORTHSIDE DRIVE	NPDES	Lower	10003, 1.895, SSE
BL335	PROVIDENCE/CARILLON	369 CARILLON LANE	NPDES	Higher	10173, 1.927, West
BL336	CARILLON, 369	369 CARILLON LANE	NPDES	Higher	10173, 1.927, West
BL337	PROVIDENCE/CARILLON	369 CARILLON LANE	ECHO	Higher	10173, 1.927, West
BL338	CARILLON, 369	369 CARILLON LANE	FINDS, ECHO	Higher	10173, 1.927, West
BN339	RIVERSIDE GOLF & CC	NORTH WESTLAND DRIVE	SPILLS 90	Higher	10348, 1.960, NW
BN340	RIVERSIDE GOLF AND C	6000 NORTH WESLEYAN	RGA LUST	Higher	10352, 1.961, NW
BN341	RIVERSIDE GOLF & COU	6000 N WESLEYAN DR	SPILLS	Higher	10352, 1.961, NW
BN342	RIVERSIDE GOLF AND C	6000 NORTH WESLEYAN	LUST, UST, Financial Assurance	Higher	10352, 1.961, NW
BN343	RIVERSIDE GOLF & COU	6000 WESLYAN DRIVE	SPILLS	Higher	10352, 1.961, NW
BN344	RIVERSIDE GOLF & COU	6000 WESLEYAN DR N	SPILLS	Higher	10352, 1.961, NW
345		4650 SOUTH BEECHWOOD	SPILLS	Higher	10387, 1.967, South
BO346	PROVIDENCE	865-871 TUFTHUNTER D	NPDES	Higher	10509, 1.990, West
BO347	PROVIDENCE	865-871 TUFTHUNTER D	FINDS	Higher	10509, 1.990, West
BO348	PROVIDENCE	865-871 TUFTHUNTER D	ECHO	Higher	10509, 1.990, West
BP349	CHARTER LAKE HOSPITA	3500 RIVERSIDE DR	RGA LUST	Lower	10523, 1.993, SSE
BP350	CHARTER LAKE HOSPITA	3500 RIVERSIDE DR	LUST, UST, Financial Assurance	Lower	10523, 1.993, SSE
BQ351	GEORGIA POWER	845 WOODSDALE TER	SPILLS	Higher	10531, 1.995, South

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4990 ARKWRIGHT RD
MACON, GA 31210

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BQ352	GEORGIA POWER	845 WOODSDALE TRAIL	SPILLS	Higher	10531, 1.995, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

EXECUTIVE SUMMARY

Lists of state- and tribal hazardous waste facilities

SHWS..... Hazardous Site Inventory

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL..... Public Record List

AUL..... Uniform Environmental Covenants

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program site

INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Public Record List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Center Listing

HIST LF..... Historical Landfills

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

CDL..... Clandestine Drug Labs

DEL SHWS..... Delisted Hazardous Site Inventory Listing

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

Other Ascertainable Records

DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
COAL ASH.....	Coal Ash Disposal Site Listing
UIC.....	Underground Injection Control
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 10 RCRA-VSQG sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SOUTHERN NATURAL GAS</i> EPA ID:: GAD984300871	<i>5675 ARKWRIGHT RD</i>	<i>NW 1/4 - 1/2 (0.284 mi.)</i>	<i>M55</i>	<i>162</i>
<i>PORTRAIT INNOVATIONS</i> EPA ID:: GAR000051383	<i>5080 RIVERSIDE DR</i>	<i>NW 1/4 - 1/2 (0.342 mi.)</i>	<i>P76</i>	<i>313</i>
CALIBER COLLISION CE EPA ID:: GAR000063099	111 RIVERSIDE PARKWA	SSE 1 - 2 (1.368 mi.)	AM188	447
CVS PHARMACY #4545 EPA ID:: GAR000064899	1615 FOREST HILL ROA	S 1 - 2 (1.410 mi.)	AR200	477
PUBLIX SUPERMARKET 1	5451 BOWMAN ROAD	W 1 - 2 (1.470 mi.)	AV235	524
SALLY BEAUTY SUPPLY	164 TOM HILL SR BLVD	SSE 1 - 2 (1.543 mi.)	AT254	546
<i>CVS PHARMACY #10357</i> EPA ID:: GAR000072405	<i>1544 BASS ROAD</i>	<i>W 1 - 2 (1.558 mi.)</i>	<i>BC269</i>	<i>560</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GPM / A DIVISION OF</i> EPA ID:: GAR000033035	<i>110 GATEWAY DR</i>	<i>WSW 0 - 1/8 (0.073 mi.)</i>	<i>C15</i>	<i>60</i>
KROGER #011-0378 EPA ID:: GAR000072959	220 TOM HILL SR BLVD	SSE 1 - 2 (1.577 mi.)	BB278	575
COSMOPROF #66220	3780 NORTHSIDE DR	SSE 1 - 2 (1.625 mi.)	BA297	604

EXECUTIVE SUMMARY

Federal ERNS list

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 06/14/2021 has revealed that there are 4 ERNS sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported NRC Report #: 1072742 Incident Date Time: 2014-02-01 20:49:00	5675 ARKWRIGHT RD.	NW 1/4 - 1/2 (0.284 mi.)	M57	169
Not reported NRC Report #: 1039294 Incident Date Time: 2013-02-24 13:30:00	5675 ARKWIGHT ROAD	NW 1/4 - 1/2 (0.284 mi.)	M62	201
Not reported NRC Report #: 1032140 Incident Date Time: 2012-11-30 20:30:00	1600 BASS RD.	W 1 - 2 (1.447 mi.)	AO209	502

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported NRC Report #: 898649 Incident Date Time: 2009-02-26 15:00:00	5402 NEW FORSYTH ROA	WNW 1/2 - 1 (0.655 mi.)	V101	357

Lists of state- and tribal hazardous waste facilities

GA NON-HSI: Georgia Non Hazardous Site Inventory Sites.

A review of the GA NON-HSI list, as provided by EDR, and dated 07/30/2021 has revealed that there are 3 GA NON-HSI sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN NATURAL GAS	14" BASS METER STATI	W 1 - 2 (1.366 mi.)	AP182	440
SOUTHERN NATURAL GAS	I-75 @ EXIT# 56 (BAS	W 1 - 2 (1.366 mi.)	AP183	440

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
A & T NORTHSIDE CLEA	3823 NORTHSIDE DR	SSE 1 - 2 (1.577 mi.)	BA283	589

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Natural Resources' Operating Solid Waste Facilities' list.

A review of the SWF/LF list, as provided by EDR, and dated 07/21/2021 has revealed that there are 5 SWF/LF sites within approximately 2 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GA POWER COMPANY PLA Permit Number: 011-025D(LI) Operating Status: Closed	RT 12, ARKWRIGHT RD	0 - 1/8 (0.000 mi.)	A2	24
ALTERNATIVE WASTE SE Permit Number: PBR-011-23COL Operating Status: Operating	5462 NEW FORSYTH ROA	WNW 1/2 - 1 (0.701 mi.)	V103	362

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GEORGIA POWER PLANT Permit Number: 011-031D(LI) Operating Status: Closed	5155 ARKWRIGHT ROAD	NE 0 - 1/8 (0.008 mi.)	A3	25
GEORGIA POWER PLANT Permit Number: 011-030D(LI) Operating Status: Closed	5155 ARKWRIGHT ROAD	NE 0 - 1/8 (0.008 mi.)	A4	31
JAMES EMORY, INC. Permit Number: PBR-143-01IL Operating Status: Operating	4108 ARKWRIGHT ROAD	SE 1/2 - 1 (0.829 mi.)	W117	372

Lists of state and tribal leaking storage tanks

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Natural Resources' Confirmed Release List.

A review of the LUST list, as provided by EDR, and dated 07/08/2021 has revealed that there are 13 LUST sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MIKE COOK CO INC Cleanup Status: NFA - No Further Action Facility Id: 04110345	NEW FORSYTH RD	WNW 1/4 - 1/2 (0.327 mi.)	O74	310
BALCOM PROPERTY/FORM Cleanup Status: Cleanup Initiated Facility Id: 10001330	5296 RIVERSIDE DR	NW 1/4 - 1/2 (0.468 mi.)	R91	348
CIRCLE K 6729 Cleanup Status: NFA - No Further Action Facility Id: 09011071	3903 ARKWRIGHT RD	SE 1 - 2 (1.262 mi.)	AI167	423
NEIGHBORHOOD FOOD MA Cleanup Status: NFA - No Further Action Facility Id: 04110118	4705 NORTHSIDE DR	SSW 1 - 2 (1.385 mi.)	AQ193	457
MINI FOODS #7; #51 Cleanup Status: NFA - Remediation Cleanup Status: NFA - Suspected Release Facility Id: 04110203	1592 FORREST HILLS R	S 1 - 2 (1.467 mi.)	AR219	512
SHELL FOOD MART Cleanup Status: Suspected Release	1585 FOREST HILL RD	S 1 - 2 (1.470 mi.)	AR232	519

EXECUTIVE SUMMARY

Cleanup Status: NFA -Monitoring Only (MNA)
 Cleanup Status: NFA - Clean Closure
 Cleanup Status: NFA - Suspected Release
 Facility Id: 04110106

CONOCO #10084	260 TOM HILL SR BLVD	SSE 1 - 2 (1.688 mi.)	BF304	614
Cleanup Status: NFA -Monitoring Only (MNA)				
Facility Id: 09011104				
RIVERSIDE GOLF AND C	6000 NORTH WESLEYAN	NW 1 - 2 (1.961 mi.)	BN342	644
Cleanup Status: NFA - No Further Action				
Facility Id: 10000549				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WILBERT BURIAL VAULT	5246 ARKWRIGHT RD	0 - 1/8 (0.000 mi.)	A1	8
Cleanup Status: NFA - Clean Closure				
Facility Id: 10000182				
ARKWRIGHT CHEVRON/CH	3720 RIVERSIDE DR	SSE 1 - 2 (1.492 mi.)	AX243	535
Cleanup Status: NFA - No Further Action				
Facility Id: 00112000				
PURPLE ESTATE LLC	3821 NORTHSIDE DR	SSE 1 - 2 (1.555 mi.)	BA259	552
Cleanup Status: NFA - No Further Action				
Facility Id: 00110427				
ORKIN PEST CONTROL #	3556 RIVERSIDE DR	SSE 1 - 2 (1.820 mi.)	BH326	631
Cleanup Status: NFA - Clean Closure				
Facility Id: 09011016				
CHARTER LAKE HOSPITA	3500 RIVERSIDE DR	SSE 1 - 2 (1.993 mi.)	BP350	653
Cleanup Status: NFA - No Further Action				
Facility Id: 09011065				

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Natural Resources' Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 07/08/2021 has revealed that there are 26 UST sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SNG/OCMULGEE COMPRES	RT 12 ARKWRIGHT RD	NNW 1/8 - 1/4 (0.148 mi.)	25	74
Facility Id: 4110082				
Status: Removed from Ground				
NO FACILITY NAME	5220 RIVERSIDE DR	WNW 1/4 - 1/2 (0.310 mi.)	O71	302
Facility Id: 9011017				
Status: Removed from Ground				
MIKE COOK CO INC	NEW FORSYTH RD	WNW 1/4 - 1/2 (0.327 mi.)	O74	310
Facility Id: 4110345				
Status: Removed from Ground				
TREE CITY #100544	5250 RIVERSIDE DRIVE	WNW 1/4 - 1/2 (0.345 mi.)	O83	323

EXECUTIVE SUMMARY

Facility Id: 9011185 Status: Currently in Use				
HILL TOP FOOD MART	4488 RIVERSIDE DR.	S 1/4 - 1/2 (0.450 mi.)	S89	346
Facility Id: 10002862 Status: Currently in Use				
BALCOM PROPERTY/FORM	5296 RIVERSIDE DR	NW 1/4 - 1/2 (0.468 mi.)	R91	348
Facility Id: 10001330 Status: Removed from Ground				
GEORGIA FARM BUREAU	1620 BASS RD	W 1 - 2 (1.215 mi.)	AJ158	412
Facility Id: 9011116 Status: Currently in Use				
CIRCLE K 6729	3903 ARKWRIGHT RD	SE 1 - 2 (1.262 mi.)	AI167	423
Facility Id: 9011071 Status: Currently in Use				
TREE CITY #100545	1607 BASS RD	W 1 - 2 (1.364 mi.)	AO179	436
Facility Id: 10000682 Status: Currently in Use				
FLASH FOODS #145	1608 BASS RD	W 1 - 2 (1.368 mi.)	AO184	441
Facility Id: 10002084 Status: Currently in Use				
NEIGHBORHOOD FOOD MA	4705 NORTHSIDE DR	SSW 1 - 2 (1.385 mi.)	AQ190	453
Facility Id: 4110118 Status: Removed from Ground Status: Currently in Use				
CIRCLE K 2706771	4001 NORTHSIDE DR	S 1 - 2 (1.436 mi.)	AR205	494
Facility Id: 10002713 Status: Currently in Use				
CITGO FOOD MART	1592 FORREST HILLS R	S 1 - 2 (1.467 mi.)	AR221	514
Facility Id: 4110203 Status: Currently in Use				
SHELL FOOD MART	1585 FOREST HILL RD	S 1 - 2 (1.470 mi.)	AR232	519
Facility Id: 4110106 Status: Removed from Ground Status: Currently in Use				
CONOCO #10084	260 TOM HILL SR BLVD	SSE 1 - 2 (1.688 mi.)	BF305	615
Facility Id: 9011104 Status: Currently in Use				
RIVERSIDE GOLF AND C	6000 NORTH WESLEYAN	NW 1 - 2 (1.961 mi.)	BN342	644
Facility Id: 10000549 Status: Removed from Ground				
Lower Elevation	Address	Direction / Distance	Map ID	Page
WILBERT BURIAL VAULT	5246 ARKWRIGHT RD	0 - 1/8 (0.000 mi.)	A1	8
Facility Id: 10000182 Status: Removed from Ground				
GROOME TRANSPORTATIO	4540 SHERATON DR	S 1/8 - 1/4 (0.234 mi.)	L45	100
Facility Id: 10000307 Status: Currently in Use				
ALWAYS OPEN FOUR C	4765 RIVERSIDE DRIVE	SW 1/4 - 1/2 (0.257 mi.)	H48	103

EXECUTIVE SUMMARY

Facility Id: 9011204 Status: Currently in Use				
RIVER NORTH CC INC	1 RIVER NORTH BLVD	SE 1/2 - 1 (0.717 mi.)	104	364
Facility Id: 9084011 Status: Permanently Out of Use - historical purposes				
ARKWRIGHT RD SUNOCO	3910 ARKWRIGHT RD	SE 1 - 2 (1.213 mi.)	AI157	411
Facility Id: 10002831 Status: Currently in Use				
ARKWRIGHT CHEVRON/CH	3720 RIVERSIDE DR	SSE 1 - 2 (1.492 mi.)	AX243	535
Facility Id: 112000 Status: Currently in Use				
PURPLE ESTATE LLC	3821 NORTHSIDE DR	SSE 1 - 2 (1.555 mi.)	BA261	552
Facility Id: 110427 Status: Removed from Ground Status: Currently in Use				
KROGER 378	220 TOM HILL SR BLVD	SSE 1 - 2 (1.577 mi.)	BB276	573
Facility Id: 10002161 Status: Currently in Use				
ORKIN PEST CONTROL #	3556 RIVERSIDE DR	SSE 1 - 2 (1.820 mi.)	BH326	631
Facility Id: 9011016 Status: Permanently Out of Use - historical purposes				
CHARTER LAKE HOSPITA	3500 RIVERSIDE DR	SSE 1 - 2 (1.993 mi.)	BP350	653
Facility Id: 9011065 Status: Closed in Ground				

AST: A listing of LP gas tank site locations.

A review of the AST list, as provided by EDR, and dated 05/13/2020 has revealed that there are 21 AST sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARATHON #7 *REOPEN* Tank Capacity: 0 Number of Tanks: 24 Number of Tanks: 48	5250 RIVERSIDE DRIVE	WNW 1/4 - 1/2 (0.345 mi.)	O81	322
RIVERSIDE DRIVE SHEL	4488 RIVERSIDE DRIVE	S 1/4 - 1/2 (0.450 mi.)	S90	347
IKON OFFICE SOLUTION	1738 BASS ROAD	WNW 1/2 - 1 (0.740 mi.)	105	365
CIRCLE K #6729 Tank Capacity: 0 Number of Tanks: 16	3903 ARKWRIGHT ROAD	SE 1 - 2 (1.262 mi.)	AI165	423
LEE'S CITGO Tank Capacity: 0 Number of Tanks: 24	1607 BASS ROAD	W 1 - 2 (1.364 mi.)	AO180	438
FLASH FOODS # 145	1608 BASS ROAD	W 1 - 2 (1.368 mi.)	AO185	443
MINI FOODS Tank Capacity: 840 Number of Tanks: 42	4705 NORTHSIDE DRIVE	SSW 1 - 2 (1.385 mi.)	AQ191	456
NORTHSIDE CHEVRON Tank Capacity: 0	4719 NORTHSIDE DRIVE	SSW 1 - 2 (1.389 mi.)	AQ194	457

EXECUTIVE SUMMARY

Number of Tanks: 24				
WARNER ROBINS SUPPLY Tank Capacity: 0 Tank Capacity: 500 Number of Tanks: 3 Number of Tanks: 1	3972 NORTHSIDE DRIVE	S 1 - 2 (1.446 mi.)	AU207	498
CIRCLE K 6771	4100 NORTHSIDE DRIVE	S 1 - 2 (1.465 mi.)	AR218	512
CITGO FOOD MART Tank Capacity: 960 Number of Tanks: 48	1592 FOREST HILL ROA	S 1 - 2 (1.467 mi.)	AR220	513
SHELL EXPRESS FOODS	1585 FOREST HILL ROA	S 1 - 2 (1.470 mi.)	AR229	518
BASS PRO SHOP Tank Capacity: 0 Number of Tanks: 40	5000 BASS PRO BOULEV	WNW 1 - 2 (1.547 mi.)	AZ256	550
KAYO OIL COMPANY(MIN)	260 TOM HILL SR. BOU	SSE 1 - 2 (1.688 mi.)	BF303	614
Lower Elevation	Address	Direction / Distance	Map ID	Page
GROOME TRANSPORTATIO Tank Capacity: 0 Number of Tanks: 1	4540 SHERATON DR	S 1/8 - 1/4 (0.234 mi.)	L45	100
RIVERSIDE BP Tank Capacity: 0 Number of Tanks: 24	4765 RIVERSIDE DRIVE	SW 1/4 - 1/2 (0.257 mi.)	H47	102
WALTHALL OIL #407 Tank Capacity: 200 Number of Tanks: 10	3720 RIVERSIDE DRIVE	SSE 1 - 2 (1.492 mi.)	AX238	530
CIRCLE K #6714	3821 NORTHSIDE DRIVE	SSE 1 - 2 (1.555 mi.)	BA260	552
KROGER FUEL CENTER G	220 TOM HILL SR. BLV	SSE 1 - 2 (1.577 mi.)	BB275	572
CIRCLE K Tank Capacity: 320 Number of Tanks: 24	3802 NORTHSIDE DRIVE	SSE 1 - 2 (1.592 mi.)	BA284	592
RIVERSIDE ACE HARDWA Tank Capacity: 1000 Number of Tanks: 1	3600 RIVERSIDE DRIVE	SSE 1 - 2 (1.715 mi.)	BH309	619

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

Emergency Response Incident Reporting System comes from the Dept. of Natural Resources

A review of the SPILLS list, as provided by EDR, and dated 10/19/2021 has revealed that there are 22 SPILLS sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	MARATHON GAS STATION	WNW 1/4 - 1/2 (0.345 mi.)	O80	320
BASS CLEANERS	5250 RIVERSIDE DR	WNW 1/4 - 1/2 (0.345 mi.)	O84	325
Not reported	BASS AT WESLYN STORA	WNW 1/2 - 1 (0.654 mi.)	V100	355
WHISPERING WOODS APA	WHISPERING WOODS APT	SSW 1 - 2 (1.238 mi.)	AK161	415

EXECUTIVE SUMMARY

Closure Date: 03/28/2012				
Not reported	137 OLD RIDGE RD.	ESE 1 - 2 (1.255 mi.)	163	420
WHISPERING WOODS APT	4411 NORTHSIDE DRIVE	SSW 1 - 2 (1.301 mi.)	AK170	427
Closure Date: 06/12/2017				
BMW OF MACON	BMW OF MACON 111 RIV	SSE 1 - 2 (1.368 mi.)	AM187	444
Closure Date: 04/30/2010				
FLASH FOODS	1600 BASS RD	W 1 - 2 (1.447 mi.)	AO208	498
Closure Date: 12/04/2012				
CITY OF MACON	3900 NORTHSIDE DRIVE	S 1 - 2 (1.568 mi.)	AW272	568
Closure Date: 04/12/2010				
CITY OF MACON		S 1 - 2 (1.568 mi.)	AW273	570
Not reported	119 WEDGEWOOD COURT.	E 1 - 2 (1.685 mi.)	302	612
Not reported	1030 WESLEYANN DRIVE	SSW 1 - 2 (1.733 mi.)	310	620
RIVERSIDE GOLF & COU	6000 N WESLEYAN DR	NW 1 - 2 (1.961 mi.)	BN341	640
RIVERSIDE GOLF & COU	6000 WESLYAN DRIVE	NW 1 - 2 (1.961 mi.)	BN343	645
RIVERSIDE GOLF & COU	6000 WESLEYAN DR N	NW 1 - 2 (1.961 mi.)	BN344	647
Not reported	4650 SOUTH BEECHWOOD	S 1 - 2 (1.967 mi.)	345	649
GEORGIA POWER	845 WOODSDALE TER	S 1 - 2 (1.995 mi.)	BQ351	654
GEORGIA POWER	845 WOODSDALE TRAIL	S 1 - 2 (1.995 mi.)	BQ352	656
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GEORGIA POWER CORP	AT PLANT ARKWRIGHT	ENE 0 - 1/8 (0.030 mi.)	A8	51
4540 SHERATON DR, MA	4540 SHERATON DR, MA	S 1/8 - 1/4 (0.234 mi.)	L44	95
Closure Date: 01/05/2015				
Closure Date: 05/07/2015				
BILL J. CASSIDY	155 RIVER KNOLL MACO	SE 1/2 - 1 (0.884 mi.)	128	379
Closure Date: 03/21/2008				
ARKWRIGHT DRY CLEANE	3975 ARKWRIGHT RD #	SE 1 - 2 (1.087 mi.)	AE145	397
Closure Date: 02/14/2006				

SPILLS 90: Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

A review of the SPILLS 90 list, as provided by EDR, and dated 10/04/2012 has revealed that there are 2 SPILLS 90 sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RIVERSIDE GOLF & CC	NORTH WESTLAND DRIVE	NW 1 - 2 (1.960 mi.)	BN339	639
Site Id: GASP-0402-0004724				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GA POWER	2112 ARKWRIGHT ROAD	SSE 1/2 - 1 (0.606 mi.)	U97	353
Site Id: GASP-0402-0004373				

EXECUTIVE SUMMARY

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there are 7 RCRA NonGen / NLR sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FIRST ENVIRONMENTAL EPA ID:: GAR000029504	5223 RIVERSIDE DR	NW 1/4 - 1/2 (0.315 mi.)	O72	304
SOUTHERN NATURAL GAS EPA ID:: GAR000027615	1604 BASS RD	W 1 - 2 (1.399 mi.)	AO198	472

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GA POWER - PLT ARKWWR EPA ID:: GAD000612846	5241 ARKWRIGHT RD	NNE 0 - 1/8 (0.014 mi.)	B7	43
SMITH BARNEY A LINCO EPA ID:: GAD981223100	4785 RIVERSIDE DR	SW 1/8 - 1/4 (0.186 mi.)	H27	76
CHEVRON #53094 EPA ID:: GAD984292748	3720 RIVERSIDE DR	SSE 1 - 2 (1.492 mi.)	AX241	532
A & T NORTHSIDE CLEA EPA ID:: GAD981218738	3823 NORTHSIDE DR	SSE 1 - 2 (1.577 mi.)	BA282	584
HUTCHINSON AUTO MALL EPA ID:: GAR000051342	3989 RIVER PLACE DR	SE 1 - 2 (1.602 mi.)	BD291	596

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 08/10/2021 has revealed that there is 1 FUDS site within approximately 2 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOLTON NGTR		NE 1/4 - 1/2 (0.372 mi.)	85	328

ICIS: The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

A review of the ICIS list, as provided by EDR, and dated 11/18/2016 has revealed that there are 4 ICIS sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SATURN OF MACON	3931 RIVERPLACE DR	SE 1 - 2 (1.340 mi.)	AL176	432

EXECUTIVE SUMMARY

FRS ID:: 110007090780

RAFFIELD TIRE-MASTER

FRS ID:: 110007090799

120 RIVERSIDE PKWY

SSE 1 - 2 (1.478 mi.)

AT236

527

Lower Elevation

Address

Direction / Distance

Map ID

Page

GA POWER CO

FRS ID:: 110000360207

5241 ARKWRIGHT ROAD

NNE 0 - 1/8 (0.014 mi.)

B6

39

PRO TIRE

FRS ID:: 110007083324

3787 NORTHSIDE DRIVE

SSE 1 - 2 (1.606 mi.)

BA294

601

FTTS: FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, has revealed that there is 1 FTTS site within approximately 2 miles of the target property.

Lower Elevation

Address

Direction / Distance

Map ID

Page

XXX

Database: FTTS INSP, Date of Government Version: 04/09/2009

933 RIVER NORTH BLVD

SE 1/2 - 1 (0.761 mi.)

W107

366

HIST FTTS: A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

A review of the HIST FTTS list, as provided by EDR, has revealed that there is 1 HIST FTTS site within approximately 2 miles of the target property.

Lower Elevation

Address

Direction / Distance

Map ID

Page

XXX

Database: HIST FTTS INSP, Date of Government Version: 10/19/2006

933 RIVER NORTH BLVD

SE 1/2 - 1 (0.761 mi.)

W107

366

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

A review of the DOT OPS list, as provided by EDR, and dated 01/02/2020 has revealed that there is 1 DOT OPS site within approximately 2 miles of the target property.

Equal/Higher Elevation

Address

Direction / Distance

Map ID

Page

SOUTHERN NATURAL GAS

NNW 1/4 - 1/2 (0.336 mi.)

75

312

EXECUTIVE SUMMARY

US AIRS: The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

A review of the US AIRS list, as provided by EDR, has revealed that there are 8 US AIRS sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN NATURAL GAS Database: US AIRS (AFS), Date of Government Version: 10/12/2016 EPA plant ID:: 110005698316	5675 ARKWRIGHT ROAD	NW 1/4 - 1/2 (0.284 mi.)	M65	244
BALKCOM CABINET & MI Database: US AIRS (AFS), Date of Government Version: 10/12/2016 EPA plant ID:: 110001425869	5290 RIVERSIDE DR	NW 1/4 - 1/2 (0.430 mi.)	R88	345
SATURN OF MACON Database: US AIRS MINOR, Date of Government Version: 10/12/2016 EPA plant ID:: 110007090780	3931 RIVERPLACE DR	SE 1 - 2 (1.340 mi.)	AL176	432
RAFFIELD TIRE-MASTER Database: US AIRS MINOR, Date of Government Version: 10/12/2016 EPA plant ID:: 110007090799	120 RIVERSIDE PKWY	SSE 1 - 2 (1.478 mi.)	AT236	527

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WILBERT BURIAL VAULT Database: US AIRS MINOR, Date of Government Version: 10/12/2016 EPA plant ID:: 110001764957	5246 ARKWRIGHT RD	0 - 1/8 (0.000 mi.)	A1	8
JACKSON AUTOMOTIVE G Database: US AIRS MINOR, Date of Government Version: 10/12/2016 EPA plant ID:: 110043429741	4781 RIVERSIDE DR.	SW 1/8 - 1/4 (0.187 mi.)	G29	80
A & T NORTHSIDE CLEA Database: US AIRS MINOR, Date of Government Version: 10/12/2016 EPA plant ID:: 110044955992	3823 NORTHSIDE DR	SSE 1 - 2 (1.577 mi.)	BA282	584
PRO TIRE Database: US AIRS MINOR, Date of Government Version: 10/12/2016 EPA plant ID:: 110007083324	3787 NORTHSIDE DRIVE	SSE 1 - 2 (1.606 mi.)	BA294	601

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 05/05/2021 has revealed that there are 97 FINDS sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GROGREEN SOLUTIONS G	315 CORPORATE PKWY.	WNW 0 - 1/8 (0.057 mi.)	D11	58

EXECUTIVE SUMMARY

Registry ID:: 110070337617				
JAREX INVESTMENT-ADD	315 CORPORATE PARKWA	WNW 0 - 1/8 (0.057 mi.)	D12	58
Registry ID:: 110070098125				
WAREHOUSE/OFFICE DEV	312 CORPORATE PKWY.	WNW 0 - 1/8 (0.082 mi.)	D16	67
Registry ID:: 110070010970				
ARKWRIGHT AP3 LANDFI	5398 ARKWRIGHT ROAD	N 0 - 1/8 (0.088 mi.)	F21	71
Registry ID:: 110070387533				
ROOM TO GO	5097 RIVERSIDE DRIVE	WNW 1/8 - 1/4 (0.192 mi.)	I32	86
ASHLEYS MACON	5101 RIVERSIDE DR.	WNW 1/8 - 1/4 (0.230 mi.)	I43	95
SOUTHERN NATURAL GAS	5676 ARKWRIGHT RD.	NW 1/4 - 1/2 (0.265 mi.)	M51	105
Registry ID:: 110021280852				
SOUTHERN NATURAL GAS	5675 ARKWRIGHT RD	NW 1/4 - 1/2 (0.284 mi.)	M55	162
Registry ID:: 110005698316				
SNG STATION 5277 OCM	5675 ARKWRIGHT RD.	NW 1/4 - 1/2 (0.284 mi.)	M56	168
Registry ID:: 110043812470				
OCMULGEE RIVER CROSS	5675 ARKWRIGHT ROAD	NW 1/4 - 1/2 (0.284 mi.)	M63	205
Registry ID:: 110061607621				
COBB EMC-BASS RD	5700 ARKWRIGHT ROAD	NW 1/4 - 1/2 (0.286 mi.)	M69	301
Registry ID:: 110038670774				
FIRST ENVIRONMENTAL	5223 RIVERSIDE DR	NW 1/4 - 1/2 (0.315 mi.)	O72	304
Registry ID:: 110012224814				
PORTRAIT INNOVATIONS	5080 RIVERSIDE DR	NW 1/4 - 1/2 (0.342 mi.)	P77	318
Registry ID:: 110033020969				
FINA MART #18	5250 RIVERSIDE DRIVE	WNW 1/4 - 1/2 (0.345 mi.)	O82	323
Registry ID:: 110013639027				
BALKCOM CABINET & MI	5290 RIVERSIDE DR	NW 1/4 - 1/2 (0.430 mi.)	R88	345
Registry ID:: 110001425869				
HILL TOP PACKAGE & C	1580 HALL ROAD	S 1/4 - 1/2 (0.499 mi.)	S94	351
Registry ID:: 110070029945				
ASHEEV, LLC DBA PIN	4318 SHERATON DRIVE	SSE 1/2 - 1 (0.502 mi.)	T96	353
Registry ID:: 110070009030				
WESLEYAN CROSSING LO	1205 AND 1209 GLEN L	SSW 1/2 - 1 (0.798 mi.)	X109	367
WESLEYAN CROSSING LO	1206 GLEN LEA RD, 11	SSW 1/2 - 1 (0.809 mi.)	X114	370
WESLEYAN CROSSING LO	1004 AND 1020 BROOKF	SW 1/2 - 1 (0.864 mi.)	Z125	377
Registry ID:: 110070504939				
PROPOSED MEDICAL OFF	5551 NEW FORSYTH ROA	WNW 1/2 - 1 (0.886 mi.)	AB129	383
Registry ID:: 110070074535				
WESLEYAN CROSSING LO	1000 BROOKFORD ROAD	SW 1/2 - 1 (0.934 mi.)	Z135	387
Registry ID:: 110070569994				
NORTH MACON PLAZA	1625 BASS ROAD	W 1/2 - 1 (0.961 mi.)	AC140	393
Registry ID:: 110070256325				
WOMEN'S HEALTH INSTI	4050 RIVERSIDE DRIVE	SSE 1 - 2 (1.013 mi.)	AD142	395
Registry ID:: 110070020650				
THE ACADEMY OF CLASS	5665 NEW FORSYTH ROA	WNW 1 - 2 (1.119 mi.)	AG148	403
Registry ID:: 110067242102				
BOWMAN STATION APART	5235 BOWMAN ROAD	WSW 1 - 2 (1.150 mi.)	AH152	406
Registry ID:: 110070074256				
BOWMAN VILLAGE	5300 BOWMAN ROAD	WSW 1 - 2 (1.162 mi.)	AH154	408

EXECUTIVE SUMMARY

Registry ID:: 110070015642				
GEORGIA FARM BUREAU Registry ID:: 110013636501	1620 BASS RD	W 1 - 2 (1.215 mi.)	AJ159	414
SPECTRUM #95 Registry ID:: 110013638297	3903 ARKWRIGHT RD	SE 1 - 2 (1.262 mi.)	AI164	422
TRIANGLE CHEMICAL CO Registry ID:: 110070044755	117 PRESTON COURT	WNW 1 - 2 (1.298 mi.)	169	426
SHERWIN WILLIAMS SATURN OF MACON Registry ID:: 110007090780	5436 BOWMAN ROAD 3931 RIVERPLACE DR	W 1 - 2 (1.319 mi.) SE 1 - 2 (1.340 mi.)	AN174 AL176	431 432
THE LOFTS AT BASS PH Registry ID:: 110070006918	5429 BOWMAN ROAD	W 1 - 2 (1.361 mi.)	AN178	436
CALIBER COLLISION CE Registry ID:: 110044918854	111 RIVERSIDE PARKWA	SSE 1 - 2 (1.368 mi.)	AM189	453
NEIGHBORHOOD FOOD MA Registry ID:: 110013617309	4705 NORTHSIDE DR	SSW 1 - 2 (1.385 mi.)	AQ193	457
SOUTHERN NATURAL GAS Registry ID:: 110006547111	1604 BASS RD	W 1 - 2 (1.399 mi.)	AO198	472
CVS PHARMACY #4545 Registry ID:: 110045538717	1615 FOREST HILL RD.	S 1 - 2 (1.410 mi.)	AR201	489
CIRCLE K MACON (NORT Registry ID:: 110070074314	4001 NORTHSIDE DRIVE	S 1 - 2 (1.436 mi.)	AR204	494
NEW BURGER KING REST Registry ID:: 110070074431	5441 BOWMAN ROAD	W 1 - 2 (1.450 mi.)	AO210	506
SUDS EXPRESS CAR WAS Registry ID:: 110070160827	3950 NORTHSIDE DRIVE	S 1 - 2 (1.455 mi.)	AU211	507
NORTHSIDE CROSSING O Registry ID:: 110024538320	4010 NORTHSIDE DRIVE	S 1 - 2 (1.465 mi.)	AR217	512
MINI FOODS #7; #51 Registry ID:: 110013619691	1592 FORREST HILLS R	S 1 - 2 (1.467 mi.)	AR219	512
EXPRESS FOODS #16 Registry ID:: 110013451996	1585 FOREST HILL RD	S 1 - 2 (1.470 mi.)	AR227	518
PUBLIX SUPERMARKET 1 RAFFIELD TIRE-MASTER Registry ID:: 110007090799	5451 BOWMAN ROAD 120 RIVERSIDE PKWY	W 1 - 2 (1.470 mi.) SSE 1 - 2 (1.478 mi.)	AV234 AT236	524 527
THE ARBOR APARTMENT Registry ID:: 110030908025	3901 NORTHSIDE DRIVE	SSE 1 - 2 (1.484 mi.)	AW237	530
CHICK-FIL-A #00813 T SALLY BEAUTY SUPPLY BASS PRO SHOPS Registry ID:: 110070017076	140 TOM HILL SR. BLV 164 TOM HILL SR BLVD 5000 BASS PRO BLVD	SSE 1 - 2 (1.530 mi.) SSE 1 - 2 (1.543 mi.) WNW 1 - 2 (1.547 mi.)	AT250 AT255 AZ258	544 549 551
PROVIDENCE TOWN CENT Registry ID:: 110070568745	1540 BASS ROAD	W 1 - 2 (1.558 mi.)	BC265	557
CVS PHARMACY #10357 Registry ID:: 110056511742	1544 BASS ROAD	W 1 - 2 (1.558 mi.)	BC269	560
CHERRY BLOSSOM CAR W HOLIDAY INN EXPRESS	1548 BASS RD 240 N. MACON STREET	W 1 - 2 (1.558 mi.) W 1 - 2 (1.600 mi.)	BC271 BC289	567 594

EXECUTIVE SUMMARY

Registry ID:: 110070074258 SSK REALTORS COLDWEL Registry ID:: 110030464290	1501 BASS ROAD	W 1 - 2 (1.670 mi.)	BE301	611
CONOCO #10084 Registry ID:: 110013475809	260 TOM HILL SR BLVD	SSE 1 - 2 (1.688 mi.)	BF304	614
TRU HOTEL SNOW'S MEMORIAL CHAP Registry ID:: 110070390578	107 PROVIDENCE BLVD. 1415 BASS RD.	W 1 - 2 (1.740 mi.) WSW 1 - 2 (1.764 mi.)	BI311 BJ314	622 623
WATERCREST ASSISTED 1400 BASS ROAD DEVEL Registry ID:: 110070555745	111 PROVIDENCE BLVD 1400 BASS ROAD	W 1 - 2 (1.775 mi.) W 1 - 2 (1.784 mi.)	BI319 BI320	628 628
PROVIDENCE/CARILLON Registry ID:: 110070518842	368 AND 372 CARILLON	W 1 - 2 (1.866 mi.)	BL331	634
CARILLON, 369 Registry ID:: 110070503500 Registry ID:: 110070527466	369 CARILLON LANE	W 1 - 2 (1.927 mi.)	BL338	638
PROVIDENCE	865-871 TUFTHUNTER D	W 1 - 2 (1.990 mi.)	BO347	652
Lower Elevation	Address	Direction / Distance	Map ID	Page
WILBERT BURIAL VAULT Registry ID:: 110001764957	5246 ARKWRIGHT RD	0 - 1/8 (0.000 mi.)	A1	8
GA POWER CO Registry ID:: 110000360207	5241 ARKWRIGHT ROAD	NNE 0 - 1/8 (0.014 mi.)	B6	39
DR. JONES ANNEX Registry ID:: 110070007765	235 SHERATON BLVD.	S 0 - 1/8 (0.067 mi.)	E14	60
GPM / A DIVISION OF Registry ID:: 110014375167	110 GATEWAY DR	WSW 0 - 1/8 (0.073 mi.)	C15	60
LOFTS @ RIVER CROSSI Registry ID:: 110070358157	214 SHERATON DRIVE	S 0 - 1/8 (0.087 mi.)	E19	69
SMITH BARNEY A LINCO Registry ID:: 110005676321	4785 RIVERSIDE DR	SW 1/8 - 1/4 (0.186 mi.)	H27	76
JACKSON AUTOMOTIVE G Registry ID:: 110043429741	4781 RIVERSIDE DR.	SW 1/8 - 1/4 (0.187 mi.)	G29	80
GROOME TRANSPORTATIO Registry ID:: 110017745653	4540 SHERATON DR	S 1/8 - 1/4 (0.234 mi.)	L46	102
ALWAYS OPEN FOUR C Registry ID:: 110013473142	4765 RIVERSIDE DRIVE	SW 1/4 - 1/2 (0.257 mi.)	H49	104
NEW INFINITY DEALERS Registry ID:: 110070074122	4763 RIVERSIDE DRIVE	SW 1/4 - 1/2 (0.257 mi.)	H50	105
VOLKSWAGEN DEALERSHI Registry ID:: 110070074211	4768 RIVERSIDE DRIVE	SW 1/4 - 1/2 (0.273 mi.)	H52	159
BUTLER NISSAN Registry ID:: 110070010572	4500 RIVERSIDE DRIVE	SSW 1/4 - 1/2 (0.285 mi.)	G66	296
SUTTON- PROPOSED PAR Registry ID:: 110070015497	4796 RIVERSIDE DRIVE	WSW 1/4 - 1/2 (0.342 mi.)	Q79	320
XXX Registry ID:: 110011888733	933 RIVER NORTH BLVD	SE 1/2 - 1 (0.761 mi.)	W106	365
WESLEYAN CROSSING LO	1043 BROOKFORD ROAD	SSW 1/2 - 1 (0.812 mi.)	X115	370

EXECUTIVE SUMMARY

Registry ID:: 110070517308				
NORTH MACON PLAZA SI	200 STARCADIA CIRCLE	W 1/2 - 1 (0.833 mi.)	Y118	373
WESLEYAN CROSSING LO	1029 BROOKFORD ROAD	SW 1/2 - 1 (0.852 mi.)	Z124	376
CHICKEN SALAD CHICK	1676 BASS ROAD	WNW 1/2 - 1 (0.928 mi.)	AA134	387
MACON BEVERAGE OUTLE	3965 ARKWRIGHT ROAD	SE 1 - 2 (1.121 mi.)	AE150	405
Registry ID:: 110070021435				
RIVER RIDGE APARTMEN	3896 RIVERSIDE DRIVE	SSE 1 - 2 (1.305 mi.)	AM171	429
Registry ID:: 110030907963				
ARCHER WESTERN CONTR	INFIELD BETWEEN I-47	SSE 1 - 2 (1.415 mi.)	AS202	489
Registry ID:: 110028006262				
PINNACLE REALTY	116 RIVERSIDE PARKWA	SSE 1 - 2 (1.441 mi.)	AT206	497
Registry ID:: 110030464245				
CHEVRON #53094	3720 RIVERSIDE DR	SSE 1 - 2 (1.492 mi.)	AX241	532
Registry ID:: 110005694007				
AVID HOTEL	3969 RIVER PLACE DR	SE 1 - 2 (1.505 mi.)	AY247	543
MACON TO MILLEDGEVIL	RIVERSIDE DRIVE AND	SSE 1 - 2 (1.511 mi.)	AX248	543
Registry ID:: 110070103532				
MID-STATE POOLS & SP	242 TOM HILL SR BLVD	SSE 1 - 2 (1.555 mi.)	BB262	555
Registry ID:: 110038265631				
KROGER #011-0378	220 TOM HILL SR BLVD	SSE 1 - 2 (1.577 mi.)	BB277	575
Registry ID:: 110058884346				
A & T CLEANERS-NORTH	3823 NORTHSIDE DRIVE	SSE 1 - 2 (1.577 mi.)	BA281	583
Registry ID:: 110005673707				
SPECTURM #69	3802 NORTHSIDE DR	SSE 1 - 2 (1.592 mi.)	BA287	593
Registry ID:: 110013620689				
HUTCHINSON AUTO MALL	3989 RIVER PLACE DR	SE 1 - 2 (1.602 mi.)	BD292	600
Registry ID:: 110032964291				
PRO TIRE	3787 NORTHSIDE DRIVE	SSE 1 - 2 (1.606 mi.)	BA294	601
Registry ID:: 110007083324				
COSMOPROF #66220	3780 NORTHSIDE DR	SSE 1 - 2 (1.625 mi.)	BA296	604
NEW SPINE CENTER FOR	3712 NORTHSIDE DRIVE	SSE 1 - 2 (1.698 mi.)	BG308	619
Registry ID:: 110070162299				
PROVIDENCE/CARILLON	339 CARILLON LN AND	W 1 - 2 (1.808 mi.)	BK324	631
NORTHSIDE SENIOR VIL	3568 NORTHSIDE DRIVE	SSE 1 - 2 (1.895 mi.)	BM333	635

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 06/26/2021 has revealed that there are 77 ECHO sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JAREX INVESTMENT-ADD	315 CORPORATE PARKWA	WNW 0 - 1/8 (0.057 mi.)	D12	58
Registry ID: 110070098125				
WAREHOUSE/OFFICE DEV	312 CORPORATE PKWY.	WNW 0 - 1/8 (0.082 mi.)	D16	67
Registry ID: 110070010970				
ARKWRIGHT AP3 LANDFI	5398 ARKWRIGHT ROAD	N 0 - 1/8 (0.088 mi.)	F21	71

EXECUTIVE SUMMARY

Registry ID: 110070387533				
ROOM TO GO	5097 RIVERSIDE DRIVE	WNW 1/8 - 1/4 (0.192 mi.)	I34	87
Registry ID: 110070617937				
ASHLEYS MACON	5101 RIVERSIDE DR.	WNW 1/8 - 1/4 (0.230 mi.)	I42	95
Registry ID: 110070874318				
SOUTHERN NATURAL GAS	5675 ARKWRIGHT RD	NW 1/4 - 1/2 (0.284 mi.)	M55	162
Registry ID: 110005698316				
SNG STATION 5277 OCM	5675 ARKWRIGHT RD.	NW 1/4 - 1/2 (0.284 mi.)	M56	168
Registry ID: 110043812470				
OCMULGEE RIVER CROSS	5675 ARKWRIGHT ROAD	NW 1/4 - 1/2 (0.284 mi.)	M63	205
Registry ID: 110061607621				
COBB EMC-BASS RD	5700 ARKWRIGHT ROAD	NW 1/4 - 1/2 (0.286 mi.)	M69	301
Registry ID: 110038670774				
FIRST ENVIRONMENTAL	5223 RIVERSIDE DR	NW 1/4 - 1/2 (0.315 mi.)	O72	304
Registry ID: 110012224814				
PORTRAIT INNOVATIONS	5080 RIVERSIDE DR	NW 1/4 - 1/2 (0.342 mi.)	P76	313
Registry ID: 110033020969				
BALKCOM CABINET & MI	5290 RIVERSIDE DR	NW 1/4 - 1/2 (0.430 mi.)	R88	345
Registry ID: 110001425869				
HILL TOP PACKAGE & C	1580 HALL ROAD	S 1/4 - 1/2 (0.499 mi.)	S94	351
Registry ID: 110070029945				
ASHEEV, LLC DBA PIN	4318 SHERATON DRIVE	SSE 1/2 - 1 (0.502 mi.)	T96	353
Registry ID: 110070009030				
WESLEYAN CROSSING LO	1205 AND 1209 GLEN L	SSW 1/2 - 1 (0.798 mi.)	X110	368
Registry ID: 110070602889				
WESLEYAN CROSSING LO	1206 GLEN LEA RD, 11	SSW 1/2 - 1 (0.809 mi.)	X113	370
Registry ID: 110070830957				
WESLEYAN CROSSING LO	1004 AND 1020 BROOKF	SW 1/2 - 1 (0.864 mi.)	Z125	377
Registry ID: 110070504939				
PROPOSED MEDICAL OFF	5551 NEW FORSYTH ROA	WNW 1/2 - 1 (0.886 mi.)	AB129	383
Registry ID: 110070074535				
WESLEYAN CROSSING LO	1000 BROOKFORD ROAD	SW 1/2 - 1 (0.934 mi.)	Z137	389
Registry ID: 110070569994				
NORTH MACON PLAZA	1625 BASS ROAD	W 1/2 - 1 (0.961 mi.)	AC140	393
Registry ID: 110070256325				
WOMEN'S HEALTH INSTI	4050 RIVERSIDE DRIVE	SSE 1 - 2 (1.013 mi.)	AD143	395
Registry ID: 110070020650				
BOWMAN STATION APART	5235 BOWMAN ROAD	WSW 1 - 2 (1.150 mi.)	AH152	406
Registry ID: 110070074256				
BOWMAN VILLAGE	5300 BOWMAN ROAD	WSW 1 - 2 (1.162 mi.)	AH154	408
Registry ID: 110070015642				
SHERWIN WILLIAMS	5436 BOWMAN ROAD	W 1 - 2 (1.319 mi.)	AN173	430
Registry ID: 110070672426				
SATURN OF MACON	3931 RIVERPLACE DR	SE 1 - 2 (1.340 mi.)	AL176	432
Registry ID: 110007090780				
THE LOFTS AT BASS PH	5429 BOWMAN ROAD	W 1 - 2 (1.361 mi.)	AN178	436

EXECUTIVE SUMMARY

Registry ID: 110070006918				
CALIBER COLLISION CE	111 RIVERSIDE PARKWA	SSE 1 - 2 (1.368 mi.)	AM186	444
Registry ID: 110044918854				
SOUTHERN NATURAL GAS	1604 BASS RD	W 1 - 2 (1.399 mi.)	AO198	472
Registry ID: 110006547111				
CVS PHARMACY #4545	1615 FOREST HILL RD.	S 1 - 2 (1.410 mi.)	AR201	489
Registry ID: 110045538717				
CIRCLE K MACON (NORT	4001 NORTHSIDE DRIVE	S 1 - 2 (1.436 mi.)	AR204	494
Registry ID: 110070074314				
NEW BURGER KING REST	5441 BOWMAN ROAD	W 1 - 2 (1.450 mi.)	AO210	506
Registry ID: 110070074431				
SUDS EXPRESS CAR WAS	3950 NORTHSIDE DRIVE	S 1 - 2 (1.455 mi.)	AU211	507
Registry ID: 110070160827				
PUBLIX SUPERMARKET 1	5451 BOWMAN ROAD	W 1 - 2 (1.470 mi.)	AV233	524
Registry ID: 110070908347				
RAFFIELD TIRE-MASTER	120 RIVERSIDE PKWY	SSE 1 - 2 (1.478 mi.)	AT236	527
Registry ID: 110007090799				
CHICK-FIL-A #00813 T	140 TOM HILL SR. BLV	SSE 1 - 2 (1.530 mi.)	AT252	546
Registry ID: 110070688234				
SALLY BEAUTY SUPPLY	164 TOM HILL SR BLVD	SSE 1 - 2 (1.543 mi.)	AT253	546
Registry ID: 110070902824				
BASS PRO SHOPS	5000 BASS PRO BLVD	WNW 1 - 2 (1.547 mi.)	AZ258	551
Registry ID: 110070017076				
PROVIDENCE TOWN CENT	1540 BASS ROAD	W 1 - 2 (1.558 mi.)	BC263	556
Registry ID: 110070568745				
CVS PHARMACY #10357	1544 BASS ROAD	W 1 - 2 (1.558 mi.)	BC266	557
Registry ID: 110056511742				
CHERRY BLOSSOM CAR W	1548 BASS RD	W 1 - 2 (1.558 mi.)	BC267	558
Registry ID: 110070740950				
HOLIDAY INN EXPRESS	240 N. MACON STREET	W 1 - 2 (1.600 mi.)	BC289	594
Registry ID: 110070074258				
TRU HOTEL	107 PROVIDENCE BLVD.	W 1 - 2 (1.740 mi.)	BI312	622
Registry ID: 110070792821				
SNOW'S MEMORIAL CHAP	1415 BASS RD.	WSW 1 - 2 (1.764 mi.)	BJ314	623
Registry ID: 110070390578				
WATERCREST ASSISTED	111 PROVIDENCE BLVD	W 1 - 2 (1.775 mi.)	BI317	627
Registry ID: 110070670309				
1400 BASS ROAD DEVEL	1400 BASS ROAD	W 1 - 2 (1.784 mi.)	BI320	628
Registry ID: 110070555745				
PROVIDENCE/CARILLON	368 AND 372 CARILLON	W 1 - 2 (1.866 mi.)	BL330	634
Registry ID: 110070518842				
PROVIDENCE/CARILLON	369 CARILLON LANE	W 1 - 2 (1.927 mi.)	BL337	638
Registry ID: 110070527466				
CARILLON, 369	369 CARILLON LANE	W 1 - 2 (1.927 mi.)	BL338	638
Registry ID: 110070503500				
PROVIDENCE	865-871 TUFTHUNTER D	W 1 - 2 (1.990 mi.)	BO348	652

EXECUTIVE SUMMARY

Registry ID: 110070694142

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WILBERT BURIAL VAULT Registry ID: 110001764957	5246 ARKWRIGHT RD	0 - 1/8 (0.000 mi.)	A1	8
GA POWER CO Registry ID: 110000360207	5241 ARKWRIGHT ROAD	NNE 0 - 1/8 (0.014 mi.)	B6	39
DR. JONES ANNEX Registry ID: 110070007765	235 SHERATON BLVD.	S 0 - 1/8 (0.067 mi.)	E14	60
GPM / A DIVISION OF Registry ID: 110014375167	110 GATEWAY DR	WSW 0 - 1/8 (0.073 mi.)	C15	60
LOFTS @ RIVER CROSSI Registry ID: 110070358157	214 SHERATON DRIVE	S 0 - 1/8 (0.087 mi.)	E19	69
SMITH BARNEY A LINCO Registry ID: 110005676321	4785 RIVERSIDE DR	SW 1/8 - 1/4 (0.186 mi.)	H27	76
JACKSON AUTOMOTIVE G Registry ID: 110043429741	4781 RIVERSIDE DR.	SW 1/8 - 1/4 (0.187 mi.)	G29	80
NEW INFINITY DEALERS Registry ID: 110070074122	4763 RIVERSIDE DRIVE	SW 1/4 - 1/2 (0.257 mi.)	H50	105
VOLKSWAGEN DEALERSHI Registry ID: 110070074211	4768 RIVERSIDE DRIVE	SW 1/4 - 1/2 (0.273 mi.)	H52	159
BUTLER NISSAN Registry ID: 110070010572	4500 RIVERSIDE DRIVE	SSW 1/4 - 1/2 (0.285 mi.)	G66	296
SUTTON- PROPOSED PAR Registry ID: 110070015497	4796 RIVERSIDE DRIVE	WSW 1/4 - 1/2 (0.342 mi.)	Q79	320
WESLEYAN CROSSING LO Registry ID: 110070517308	1043 BROOKFORD ROAD	SSW 1/2 - 1 (0.812 mi.)	X115	370
NORTH MACON PLAZA SI Registry ID: 110070695978	200 STARCADIA CIRCLE	W 1/2 - 1 (0.833 mi.)	Y120	374
WESLEYAN CROSSING LO Registry ID: 110070891806	1029 BROOKFORD ROAD	SW 1/2 - 1 (0.852 mi.)	Z122	375
CHICKEN SALAD CHICK Registry ID: 110070600181	1676 BASS ROAD	WNW 1/2 - 1 (0.928 mi.)	AA132	386
MACON BEVERAGE OUTLE Registry ID: 110070021435	3965 ARKWRIGHT ROAD	SE 1 - 2 (1.121 mi.)	AE150	405
ARCHER WESTERN CONTR Registry ID: 110028006262	INFIELD BETWEEN I-47	SSE 1 - 2 (1.415 mi.)	AS202	489
CHEVRON #53094 Registry ID: 110005694007	3720 RIVERSIDE DR	SSE 1 - 2 (1.492 mi.)	AX241	532
AVID HOTEL Registry ID: 110070674093	3969 RIVER PLACE DR	SE 1 - 2 (1.505 mi.)	AY246	543
MACON TO MILLEDGEVIL Registry ID: 110070103532	RIVERSIDE DRIVE AND	SSE 1 - 2 (1.511 mi.)	AX248	543
KROGER #011-0378 Registry ID: 110058884346	220 TOM HILL SR BLVD	SSE 1 - 2 (1.577 mi.)	BB277	575
A & T CLEANERS-NORTH	3823 NORTHSIDE DRIVE	SSE 1 - 2 (1.577 mi.)	BA281	583

EXECUTIVE SUMMARY

Registry ID: 110005673707				
HUTCHINSON AUTO MALL	3989 RIVER PLACE DR	SE 1 - 2 (1.602 mi.)	BD292	600
Registry ID: 110032964291				
PRO TIRE	3787 NORTHSIDE DRIVE	SSE 1 - 2 (1.606 mi.)	BA294	601
Registry ID: 110007083324				
COSMOPROF #66220	3780 NORTHSIDE DR	SSE 1 - 2 (1.625 mi.)	BA295	604
Registry ID: 110070899212				
NEW SPINE CENTER FOR	3712 NORTHSIDE DRIVE	SSE 1 - 2 (1.698 mi.)	BG308	619
Registry ID: 110070162299				
PROVIDENCE/CARILLON	339 CARILLON LN AND	W 1 - 2 (1.808 mi.)	BK323	631
Registry ID: 110070668825				
NORTHSIDE SENIOR VIL	3568 NORTHSIDE DRIVE	SSE 1 - 2 (1.895 mi.)	BM332	635
Registry ID: 110070892485				

AIRS: A listing of permitted Air facilities and emissions data.

A review of the AIRS list, as provided by EDR, and dated 08/12/2021 has revealed that there are 9 AIRS sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN NATURAL GAS State Facility Id: 02100021	5676 ARKWRIGHT RD.	NW 1/4 - 1/2 (0.265 mi.)	M51	105
SOUTHERN NATURAL GAS State Facility Id: 2100021 Operational Status: O	5675 ARKWRIGHT ROAD	NW 1/4 - 1/2 (0.284 mi.)	M59	174
SOUTHERN NATURAL GAS State Facility Id: 302100021 State Facility Id: 02100021 Operational Status: O	5675 ARKWRIGHT ROAD.	NW 1/4 - 1/2 (0.284 mi.)	M64	206
COBB EMC-BASS RD State Facility Id: 2100200 Operational Status: X	5700 ARKWRIGHT ROAD	NW 1/4 - 1/2 (0.286 mi.)	M68	297
BALKCOM CABINET & MI State Facility Id: 2100188 State Facility Id: 302100188 Operational Status: O	5290 RIVERSIDE DR	NW 1/4 - 1/2 (0.430 mi.)	R87	330
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WILBERT BURIAL VAULT State Facility Id: 2100075 State Facility Id: 302100075 Operational Status: O	5246 ARKWRIGHT RD	0 - 1/8 (0.000 mi.)	A1	8
GA POWER COMPANY - P State Facility Id: 2100002 Operational Status: X	5241 ARKWRIGHT RD	NNE 0 - 1/8 (0.014 mi.)	B5	36
JACKSON AUTOMOTIVE G State Facility Id: 2100220	4781 RIVERSIDE DR.	SW 1/8 - 1/4 (0.187 mi.)	G30	81

EXECUTIVE SUMMARY

Operational Status: O
 ARCHER WESTERN CONTR STATEWIDE PERMIT SSE 1 - 2 (1.415 mi.) AS203 490
 State Facility Id: 77700108
 Operational Status: O

DRYCLEANERS: A list of drycleaners in the state. The listing includes drycleaner facilities, that use perchloroethylene, that responded to the Notification of Compliance Status forms. It also includes those businesses that are pick-up stores only and do not conduct dry cleaning on site.

A review of the DRYCLEANERS list, as provided by EDR, and dated 02/01/2021 has revealed that there are 7 DRYCLEANERS sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BASS CLEANERS	5250 RIVERSIDE DR	WNW 1/4 - 1/2 (0.345 mi.)	O84	325
GEM CLEANERS & LAUND	1687 BASS RD # 100	WNW 1/2 - 1 (0.939 mi.)	AA138	389
BASS CLEANERS	1609 BASS RD	W 1 - 2 (1.364 mi.)	AO181	438
CHOICE CLEANERS	4010 NORTHSIDE DR #	S 1 - 2 (1.465 mi.)	AR215	510
SEARS CLEANERS	252 TOM HILL SR. BLV	SSE 1 - 2 (1.665 mi.)	BF300	608
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARKWRIGHT DRY CLEANE	3975 ARKWRIGHT RD #	SE 1 - 2 (1.087 mi.)	AE145	397
A & T NORTHSIDE CLEA	3823 NORTHSIDE DR	SSE 1 - 2 (1.577 mi.)	BA283	589

A listing of financial assurance information for underground storage tank facilities.

A review of the Financial Assurance list, as provided by EDR, has revealed that there are 28 Financial Assurance sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SNG/OCMULGEE COMPRES	RT 12 ARKWRIGHT RD	NNW 1/8 - 1/4 (0.148 mi.)	25	74
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 4110082				
NO FACILITY NAME	5220 RIVERSIDE DR	WNW 1/4 - 1/2 (0.310 mi.)	O71	302
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 9011017				
MIKE COOK CO INC	NEW FORSYTH RD	WNW 1/4 - 1/2 (0.327 mi.)	O74	310
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 4110345				
TREE CITY #100544	5250 RIVERSIDE DRIVE	WNW 1/4 - 1/2 (0.345 mi.)	O83	323
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 9011185				
HILL TOP FOOD MART	4488 RIVERSIDE DR.	S 1/4 - 1/2 (0.450 mi.)	S89	346
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 10002862				
BALCOM PROPERTY/FORM	5296 RIVERSIDE DR	NW 1/4 - 1/2 (0.468 mi.)	R91	348
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 10001330				
GEORGIA FARM BUREAU	1620 BASS RD	W 1 - 2 (1.215 mi.)	AJ158	412
Database: Financial Assurance 1, Date of Government Version: 03/09/2021				

EXECUTIVE SUMMARY

Facility Id: 9011116

CIRCLE K 6729	3903 ARKWRIGHT RD	SE 1 - 2 (1.262 mi.)	AI167	423
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 9011071				
TREE CITY #100545	1607 BASS RD	W 1 - 2 (1.364 mi.)	AO179	436
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 10000682				
FLASH FOODS #145	1608 BASS RD	W 1 - 2 (1.368 mi.)	AO184	441
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 10002084				
NEIGHBORHOOD FOOD MA	4705 NORTHSIDE DR	SSW 1 - 2 (1.385 mi.)	AQ190	453
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 4110118				
CIRCLE K 2706771	4001 NORTHSIDE DR	S 1 - 2 (1.436 mi.)	AR205	494
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 10002713				
CITGO FOOD MART	1592 FORREST HILLS R	S 1 - 2 (1.467 mi.)	AR221	514
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 4110203				
SHELL FOOD MART	1585 FOREST HILL RD	S 1 - 2 (1.470 mi.)	AR232	519
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 4110106				
CONOCO #10084	260 TOM HILL SR BLVD	SSE 1 - 2 (1.688 mi.)	BF305	615
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 9011104				
RIVERSIDE GOLF AND C	6000 NORTH WESLEYAN	NW 1 - 2 (1.961 mi.)	BN342	644
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 10000549				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WILBERT BURIAL VAULT	5246 ARKWRIGHT RD	0 - 1/8 (0.000 mi.)	A1	8
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 10000182				
GEORGIA POWER PLANT	5155 ARKWRIGHT ROAD	NE 0 - 1/8 (0.008 mi.)	A3	25
Database: Financial Assurance 2, Date of Government Version: 07/08/2019 Permit Number: 011-031D(LI) Operation Status: 2				
GEORGIA POWER PLANT	5155 ARKWRIGHT ROAD	NE 0 - 1/8 (0.008 mi.)	A4	31
Database: Financial Assurance 2, Date of Government Version: 07/08/2019 Permit Number: 011-030D(LI) Operation Status: 2				
GROOME TRANSPORTATIO	4540 SHERATON DR	S 1/8 - 1/4 (0.234 mi.)	L45	100
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 10000307				
ALWAYS OPEN FOUR C	4765 RIVERSIDE DRIVE	SW 1/4 - 1/2 (0.257 mi.)	H48	103
Database: Financial Assurance 1, Date of Government Version: 03/09/2021 Facility Id: 9011204				
RIVER NORTH CC INC	1 RIVER NORTH BLVD	SE 1/2 - 1 (0.717 mi.)	104	364
Database: Financial Assurance 1, Date of Government Version: 03/09/2021				

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
A NEW BUILDING FOR M	855 TOLLIVER PLACE	S 1 - 2 (1.118 mi.)	AF147	401
ACE CHARTER SCHOOL P	5665 NEW FORSYTH ROA	WNW 1 - 2 (1.119 mi.)	AG149	404
BOWMAN VILLAGE	5300 BOWMAN ROAD	WSW 1 - 2 (1.162 mi.)	AH153	407
BOWMAN ROAD DEVELOPM	5300 BOWMAN ROAD	WSW 1 - 2 (1.162 mi.)	AH155	409
BOWMAN ROAD DEVELOPM	5300 BOWMAN ROAD	WSW 1 - 2 (1.162 mi.)	AH156	410
COUNTRY INN SUITES	3915 ARKWRIGHT ROAD	SE 1 - 2 (1.244 mi.)	AL162	419
SHERWIN WILLIAMS	5436 BOWMAN ROAD	W 1 - 2 (1.319 mi.)	AN175	431
THE LOFTS AT BASS PH	5429 BOWMAN ROAD	W 1 - 2 (1.361 mi.)	AN177	435
SUDS EXPRESS CAR WAS	3950 NORTHSIDE DRIVE	S 1 - 2 (1.455 mi.)	AU212	507
CHICK-FIL-A: STORE #	1569 BASS ROAD	W 1 - 2 (1.499 mi.)	AV244	541
CHICK-FIL-A #00813 T	140 TOM HILL SR. BLV	SSE 1 - 2 (1.530 mi.)	AT251	545
BASS PRO SECURITY PA	5000 BASS PRO BLVD.	WNW 1 - 2 (1.547 mi.)	AZ257	550
PROVIDENCE TOWN CENT	1540 BASS ROAD	W 1 - 2 (1.558 mi.)	BC264	556
CVS/PHARMACY #10357	1544 BASS ROAD	W 1 - 2 (1.558 mi.)	BC268	558
CHERRY BLOSSOM CAR W	1548 BASS RD	W 1 - 2 (1.558 mi.)	BC270	566
HOLIDAY INN EXPRESS	240 N. MACON STREET	W 1 - 2 (1.600 mi.)	BC290	594
TRU HOTEL	107 PROVIDENCE BLVD.	W 1 - 2 (1.740 mi.)	BI313	622
TORI HEARD PARK - MA	1415 BASS ROAD	WSW 1 - 2 (1.764 mi.)	BJ315	624
SNOW'S MEMORIAL CHAP	1415 BASS RD.	WSW 1 - 2 (1.764 mi.)	BJ316	626
WATERCREST ASSISTED	111 PROVIDENCE BLVD	W 1 - 2 (1.775 mi.)	BI318	627
1400 BASS ROAD DEVEL	1400 BASS ROAD	W 1 - 2 (1.784 mi.)	BI321	629
PROVIDENCE/CARILLON	368 AND 372 CARILLON	W 1 - 2 (1.866 mi.)	BL329	633
PROVIDENCE/CARILLON	369 CARILLON LANE	W 1 - 2 (1.927 mi.)	BL335	636
CARILLON, 369	369 CARILLON LANE	W 1 - 2 (1.927 mi.)	BL336	637
PROVIDENCE	865-871 TUFTHUNTER D	W 1 - 2 (1.990 mi.)	BO346	651

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DR. JONES ANNEX	235 SHERATON BLVD.	S 0 - 1/8 (0.067 mi.)	E13	59
LOFTS @ RIVER CROSSI	214 SHERATON DRIVE	S 0 - 1/8 (0.087 mi.)	E18	68
RIVERSIDE 75 DEVELOP	214 SHERATON DRIVE	S 0 - 1/8 (0.087 mi.)	E20	70
AXIS PAIN CENTER AND	230 SHERATON BOULEVA	S 0 - 1/8 (0.104 mi.)	E23	72
SPRINGHILLS SUITES	4700 SHERATON DRIVE	SSW 1/8 - 1/4 (0.183 mi.)	G26	75
SUBARU OF MACON	4781 RIVERSIDE DRIVE	SW 1/8 - 1/4 (0.187 mi.)	G28	79
SPRINGHILL SUITES BY	4630 SHERATON DRIVE	S 1/8 - 1/4 (0.205 mi.)	K36	89
RIVERSIDE CORNERS	4795 RIVERSIDE DRIVE	SW 1/8 - 1/4 (0.227 mi.)	H40	93
BUTLER DETAIL CENTER	4580 RIVERSIDE DRIVE	SSW 1/4 - 1/2 (0.282 mi.)	G53	159
BUTLER NISSAN	4500 RIVERSIDE DRIVE	SSW 1/4 - 1/2 (0.285 mi.)	G67	296
RIVERSIDE 75 DEVELOP	4782 RIVERSIDE DRIVE	SW 1/4 - 1/2 (0.304 mi.)	N70	301
VERIZON WIRELESS	4790 RIVERSIDE DRIVE	SW 1/4 - 1/2 (0.316 mi.)	N73	309
SUTTON- PROPOSED PAR	4796 RIVERSIDE DRIVE	WSW 1/4 - 1/2 (0.342 mi.)	Q78	319
BASS MARKET PLACE 16	NEW FORSYTH ROAD AND	WNW 1/2 - 1 (0.807 mi.)	111	368
WESLEYAN CROSSING LO	1043 BROOKFORD ROAD	SSW 1/2 - 1 (0.812 mi.)	X116	371
NORTH MACON PLAZA SI	200 STARCADIA CIRCLE	W 1/2 - 1 (0.833 mi.)	Y119	373
J CHRISTOPHER'S REST	220 STARCADIA CIRCLE	WNW 1/2 - 1 (0.849 mi.)	Y121	374
WESLEYAN CROSSING LO	1029 BROOKFORD ROAD	SW 1/2 - 1 (0.852 mi.)	Z123	375
LULLWATER EAST	1693 BASS ROAD	WNW 1/2 - 1 (0.879 mi.)	AA127	378
CHICKEN SALAD CHICK	1676 BASS ROAD	WNW 1/2 - 1 (0.928 mi.)	AA133	386
MACON BEVERAGE OUTLE	3965 ARKWRIGHT ROAD	SE 1 - 2 (1.121 mi.)	AE151	405
PRESTON PARK	101 PRESTON COURT	WNW 1 - 2 (1.231 mi.)	160	414
AVID HOTEL	3969 RIVER PLACE DR	SE 1 - 2 (1.505 mi.)	AY245	542
KROGER FUEL CENTER G	220 TOM HILL SR. BLV	SSE 1 - 2 (1.577 mi.)	BB279	582
NEW SPINE CENTER FOR	3712 NORTHSIDE DRIVE	SSE 1 - 2 (1.698 mi.)	BG307	617
PROVIDENCE/CARILLON	339 CARILLON LN AND	W 1 - 2 (1.808 mi.)	BK322	630
NORTHSIDE SENIOR VIL	3568 NORTHSIDE DRIVE	SSE 1 - 2 (1.895 mi.)	BM334	635

EXECUTIVE SUMMARY

TIER 2: A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

A review of the TIER 2 list, as provided by EDR, and dated 12/31/2020 has revealed that there are 6 TIER 2 sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OCMULGEE COMPRESSOR Facility Id: 4483708	5675 ARKWRIGHT ROAD	NW 1/4 - 1/2 (0.284 mi.)	M58	173
SOUTHERN NATURAL GAS Facility Id: 5809345 Facility Id: FATR2010JD9QRQ4194DG Facility Id: 6064387 Facility Id: FATR20082V79YE0020KH Facility Id: 4068474 <i>*Additional key fields are available in the Map Findings section</i>	5675 ARKWRIGHT ROAD	NW 1/4 - 1/2 (0.284 mi.)	M60	182
MACON MTSO ECP 5 Facility Id: FATR20086ATCNP0253TB	4306 SHERATON DRIVE	SSE 1/4 - 1/2 (0.475 mi.)	T93	349
SOUTHERN NATURAL GAS Facility Id: FATR2010JD9QRQ4195HN Facility Id: 5809346 Facility Id: 6064388 Facility Id: FATR200848R09Q0010RY Facility Id: 4068475 <i>*Additional key fields are available in the Map Findings section</i>	1604 BASS ROAD	W 1 - 2 (1.399 mi.)	AO197	458
BASS JUNCTION ODORIZ Facility Id: 4483709	1604 BASS ROAD	W 1 - 2 (1.399 mi.)	AO199	475
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARKWRIGHT CHEVRON/CH Facility Id: 6666187 Facility Id: 6811339	3720 RIVERSIDE DR	SSE 1 - 2 (1.492 mi.)	AX243	535

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 14 EDR Hist Auto

EXECUTIVE SUMMARY

sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STEPHENS J L LUBRICA	5462 NEW FORSYTH RD	WNW 1/2 - 1 (0.701 mi.)	V102	361
B G MOBILE TRUCK EQU	114 RED FOX RUN	NW 1 - 2 (1.311 mi.)	172	430
WALTHALL OIL COMPANY	4719 NORTHSIDE DR	SSW 1 - 2 (1.389 mi.)	AQ195	458
AUTOBAHN DO IT YOURS	3946 NORTHSIDE DR	S 1 - 2 (1.463 mi.)	AU214	509
MINI-FOOD STORES INC	1592 FOREST HILL RD	S 1 - 2 (1.467 mi.)	AR222	516
BARLOWS B P STATION	1585 FOREST HILL RD	S 1 - 2 (1.470 mi.)	AR225	517
OCMULGEE MARKETING I	3888 NORTHSIDE DR	SSE 1 - 2 (1.517 mi.)	AW249	544
SWEET TREATS BY SHEL	105 BASS PLANTATION	W 1 - 2 (1.660 mi.)	BE298	608
THUNDER N LIGHTING M	909 QUAIL TRL	SSW 1 - 2 (1.844 mi.)	328	633
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OCMULGEE MARKETING I	4149 ARKWRIGHT RD	SE 1/2 - 1 (0.617 mi.)	U98	354
WALTHALL OIL COMPANY	3720 RIVERSIDE DR	SSE 1 - 2 (1.492 mi.)	AX239	531
PAN AM NUMBER NINE	3802 NORTHSIDE DR	SSE 1 - 2 (1.592 mi.)	BA288	594
HUCKABEE AUTO COMPAN	3989 RIVER PLACE DR	SE 1 - 2 (1.602 mi.)	BD293	601
LOELO INC	3590 RIVERSIDE DR	SSE 1 - 2 (1.820 mi.)	327	632

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 5 EDR Hist Cleaner sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHOICE CLEANERS D&Y	4002 NORTHSIDE DR	S 1 - 2 (1.456 mi.)	AR213	509
CHOICE CLEANERS	4010 NORTHSIDE DR ST	S 1 - 2 (1.465 mi.)	AR216	511
FABRA CARE CLEANERS	252 TOM HILL ST	SSE 1 - 2 (1.665 mi.)	BF299	608
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LITTLE SUPER COIN LA	3827 NORTHSIDE DR	SSE 1 - 2 (1.573 mi.)	BA274	572
A & T NORTHSIDE CLEA	3823 NORTHSIDE DR	SSE 1 - 2 (1.577 mi.)	BA280	583

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Environmental Protection Division in Georgia.

A review of the RGA LUST list, as provided by EDR, has revealed that there are 19 RGA LUST sites

EXECUTIVE SUMMARY

within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BALCOM PROPERTY/FORM Facility ID: 10001330	5296 RIVERSIDE DR	NW 1/4 - 1/2 (0.468 mi.)	R92	349
SPECTRUM #95 Facility ID: 9011071 Facility ID: 9011071.0 Facility ID: 9-011071	3903 ARKWRIGHT RD	SE 1 - 2 (1.262 mi.)	AI166	423
CIRCLE K 6729 Facility ID: 9011071	3903 ARKWRIGHT RD	SE 1 - 2 (1.262 mi.)	AI168	426
NEIGHBORHOOD FOOD MA Facility ID: 4110118	4705 NORTHSIDE DR	SSW 1 - 2 (1.385 mi.)	AQ192	456
MINI FOOD STORE #11 Facility ID: 4-110118 Facility ID: 4110118.0	4719 NORTHSIDE DR	SSW 1 - 2 (1.389 mi.)	AQ196	458
MINI FOODS #7/#51 Facility ID: 4-110203	1592 FOREST HILLS RD	S 1 - 2 (1.467 mi.)	AR223	516
MINI FOODS #7; #51 Facility ID: 4-110203 Facility ID: 4110203 Facility ID: 4110203.0	1592 FORREST HILLS R	S 1 - 2 (1.467 mi.)	AR224	516
451 (EXPRESS FOODS) Facility ID: 4110106	1585 FOREST HILL RD	S 1 - 2 (1.470 mi.)	AR226	518
EXPRESS FOODS #16 Facility ID: 4-110106 Facility ID: 4110106 Facility ID: 4110106.0	1585 FOREST HILL RD	S 1 - 2 (1.470 mi.)	AR228	518
EXPRESS FOODS 16 (44 Facility ID: 4110106	1585 FOREST HILL RD	S 1 - 2 (1.470 mi.)	AR230	519
BARLOW'S BP Facility ID: 4-110106	1585 FOREST HILL RD	S 1 - 2 (1.470 mi.)	AR231	519
CONOCO #10084 Facility ID: 9011104 Facility ID: 9011104.0 Facility ID: 9-011104	260 TOM HILL SR BLVD	SSE 1 - 2 (1.688 mi.)	BF306	617
RIVERSIDE GOLF AND C Facility ID: 10000549	6000 NORTH WESLEYAN	NW 1 - 2 (1.961 mi.)	BN340	640
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARKWRIGHT CHEVRON/CH Facility ID: 0-112000 Facility ID: 112000 Facility ID: 112000.0	3720 RIVERSIDE DR	SSE 1 - 2 (1.492 mi.)	AX240	531
ARKWRIGHT CHEVRON/CH Facility ID: 0-112000	3720 RIVERSIDE DR	SSE 1 - 2 (1.492 mi.)	AX242	535
SPECTRUM #69 Facility ID: 0-110427 Facility ID: 110427	3802 NORTHSIDE DR	SSE 1 - 2 (1.592 mi.)	BA285	593

EXECUTIVE SUMMARY

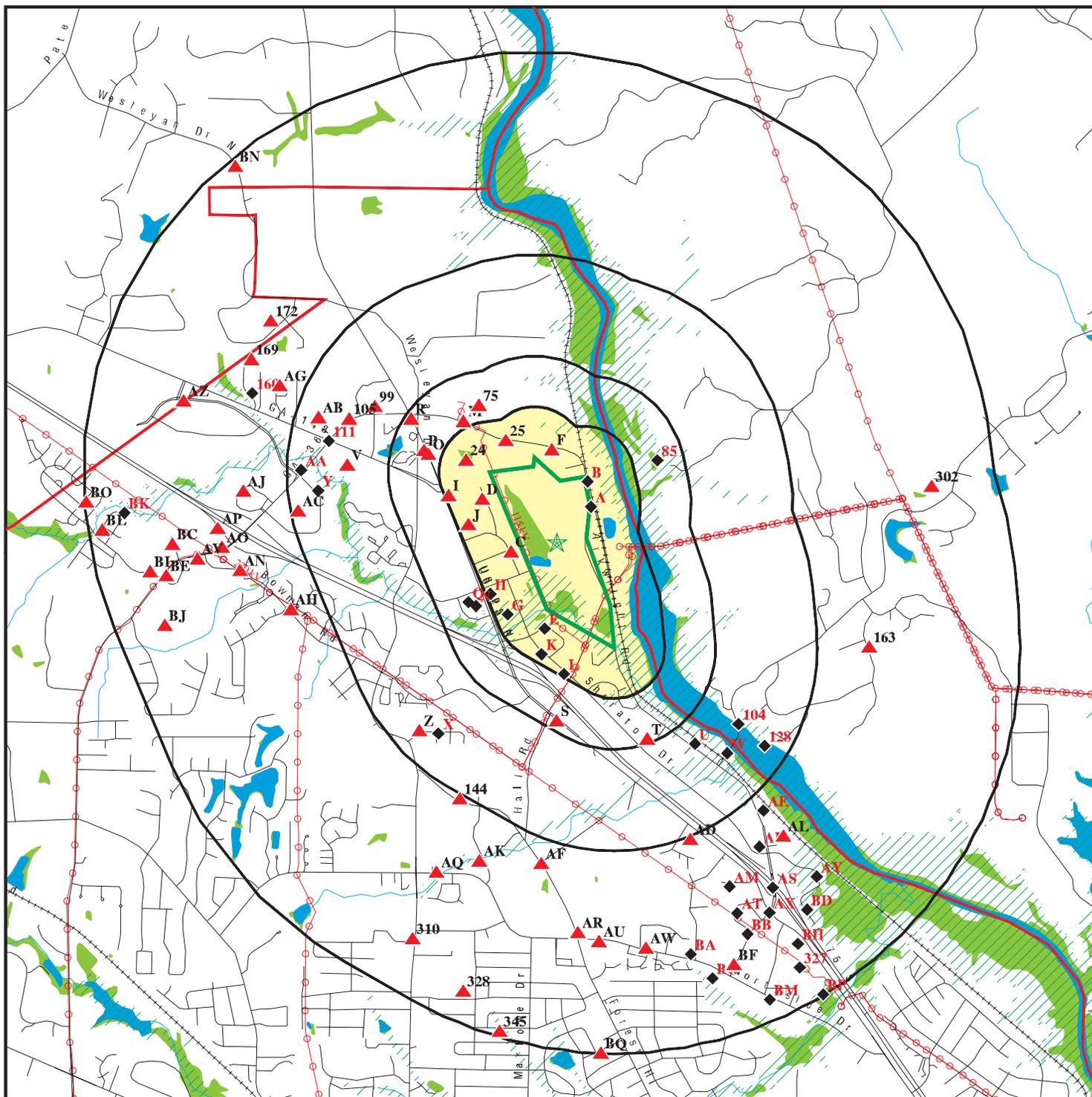
Facility ID: 110427.0				
CIRCLE K 6714	3802 NORTHSIDE DR	SSE 1 - 2 (1.592 mi.)	BA286	593
Facility ID: 110427				
ORKIN PEST CONTROL #	3556 RIVERSIDE DR	SSE 1 - 2 (1.820 mi.)	BH325	631
Facility ID: 9011016				
Facility ID: 9-011016				
CHARTER LAKE HOSPITA	3500 RIVERSIDE DR	SSE 1 - 2 (1.993 mi.)	BP349	652
Facility ID: 9011065				
Facility ID: 9011065.0				
Facility ID: 9-011065				

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.

<u>Site Name</u>	<u>Database(s)</u>
PLANT ARKWRIGHT ASH PONDS 2 AND 3	NPDES
GEORGIA POWER PLANT ARKWRIGHT ASH	NPDES
PLANT ARKWRIGHT ASH PONDS 2 AND 3	NPDES
GEORGIA POWER COMPANY - PLANT ARKW	NPDES
BIBB CO - GA POWER CO, PLANT ARKWR	COAL ASH
WHITES 66 SERVICE STATION	LUST, UST, Financial Assurance
GA POWER COMPANY PLANT ARKWRIGHT	Financial Assurance
ARKWRIGHT DRYCLEANERS	DRYCLEANERS
PLANT ARKWRIGHT OR PLANT SCHERER	SPILLS
SOUTHERN NATURAL GAS - NORTH/SOUTH	GA NON-HSI

OVERVIEW MAP - 6786228.2S



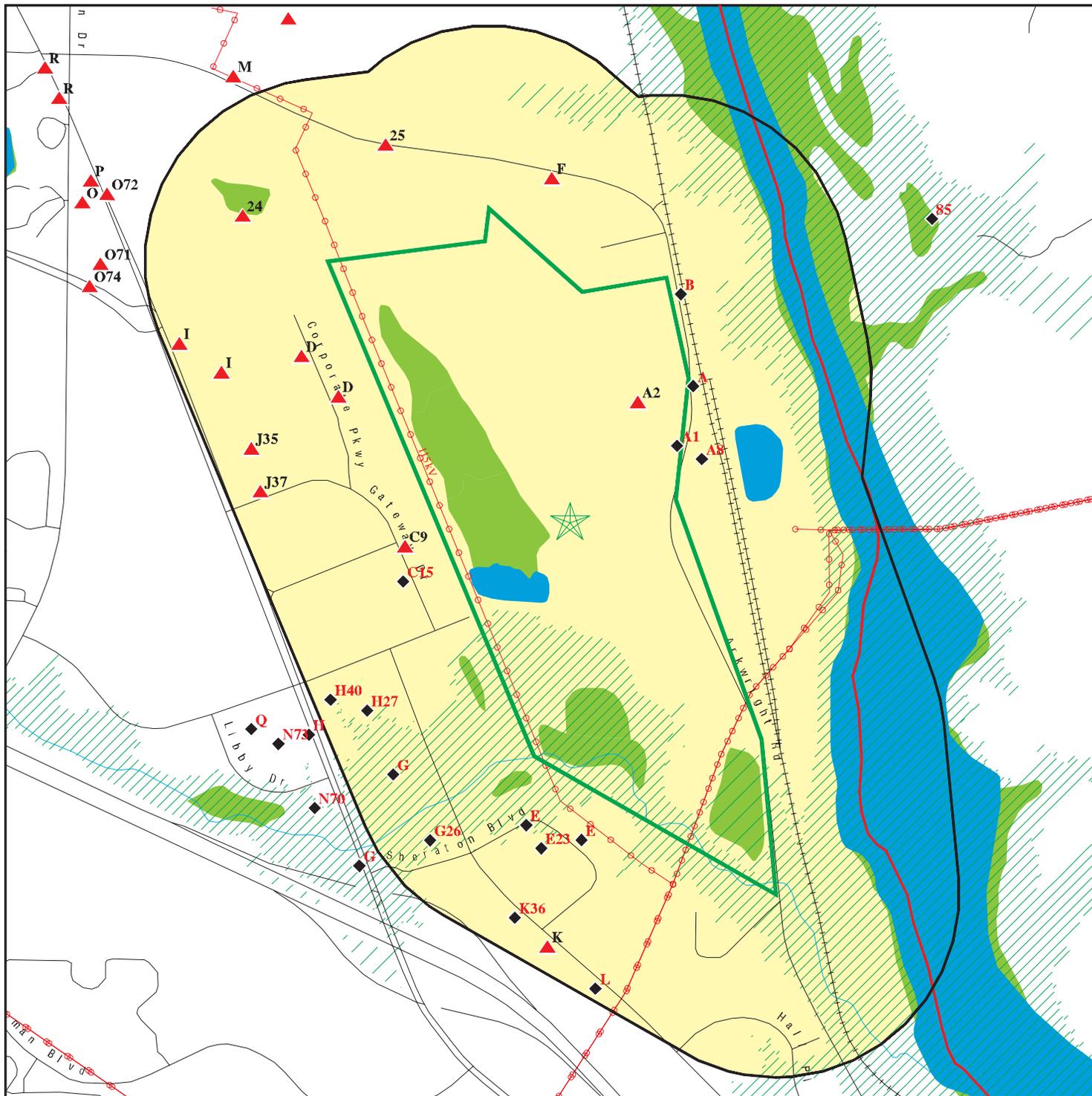
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Plant Arkwright
 ADDRESS: 4990 Arkwright Rd
 Macon GA 31210
 LAT/LONG: 32.927359 / 83.704893

CLIENT: Wood
 CONTACT: Tanya Kinnard
 INQUIRY #: 6786228.2S
 DATE: December 13, 2021 2:48 pm

DETAIL MAP - 6786228.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Plant Arkwright
 ADDRESS: 4990 Arkwright Rd
 Macon GA 31210
 LAT/LONG: 32.927359 / 83.704893

CLIENT: Wood
 CONTACT: Tanya Kinnard
 INQUIRY #: 6786228.2s
 DATE: December 13, 2021 2:49 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	2.000		0	0	0	0	0	0
Proposed NPL	2.000		0	0	0	0	0	0
NPL LIENS	2.000		0	0	0	0	0	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	2.000		0	0	0	0	0	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	2.000		0	0	0	0	0	0
SEMS	2.000		0	0	0	0	0	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	2.000		0	0	0	0	0	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	2.000		0	0	0	0	0	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	2.000		0	0	0	0	0	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	2.000		0	0	0	0	0	0
RCRA-SQG	2.000		0	0	0	0	0	0
RCRA-VSQG	2.000		1	0	2	0	7	10
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	2.000		0	0	0	0	0	0
US ENG CONTROLS	2.000		0	0	0	0	0	0
US INST CONTROLS	2.000		0	0	0	0	0	0
<i>Federal ERNS list</i>								
ERNS	2.000		0	0	2	1	1	4
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	2.000		0	0	0	0	0	0
GA NON-HSI	2.000		0	0	0	0	3	3
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	2.000		3	0	0	2	0	5
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	2.000		1	0	2	0	10	13

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	2.000		0	0	0	0	0	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	2.000		0	0	0	0	0	0
UST	2.000		1	2	6	1	16	26
AST	2.000		0	1	3	1	16	21
INDIAN UST	2.000		0	0	0	0	0	0
<i>State and tribal institutional control / engineering control registries</i>								
INST CONTROL	2.000		0	0	0	0	0	0
AUL	2.000		0	0	0	0	0	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	2.000		0	0	0	0	0	0
INDIAN VCP	2.000		0	0	0	0	0	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	2.000		0	0	0	0	0	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	2.000		0	0	0	0	0	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	2.000		0	0	0	0	0	0
HIST LF	2.000		0	0	0	0	0	0
INDIAN ODI	2.000		0	0	0	0	0	0
ODI	2.000		0	0	0	0	0	0
DEBRIS REGION 9	2.000		0	0	0	0	0	0
IHS OPEN DUMPS	2.000		0	0	0	0	0	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	2.000		0	0	0	0	0	0
CDL	2.000		0	0	0	0	0	0
DEL SHWS	2.000		0	0	0	0	0	0
US CDL	2.000		0	0	0	0	0	0
<i>Local Land Records</i>								
LIENS 2	2.000		0	0	0	0	0	0
<i>Records of Emergency Release Reports</i>								
HMIRS	2.000		0	0	0	0	0	0
SPILLS	2.000		1	1	2	2	16	22
SPILLS 90	2.000		0	0	0	1	1	2
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	2.000		1	1	1	0	4	7

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	2.000		0	0	1	0	0	1
DOD	2.000		0	0	0	0	0	0
SCRD DRYCLEANERS	2.000		0	0	0	0	0	0
US FIN ASSUR	2.000		0	0	0	0	0	0
EPA WATCH LIST	2.000		0	0	0	0	0	0
2020 COR ACTION	2.000		0	0	0	0	0	0
TSCA	2.000		0	0	0	0	0	0
TRIS	2.000		0	0	0	0	0	0
SSTS	2.000		0	0	0	0	0	0
ROD	2.000		0	0	0	0	0	0
RMP	2.000		0	0	0	0	0	0
RAATS	2.000		0	0	0	0	0	0
PRP	2.000		0	0	0	0	0	0
PADS	2.000		0	0	0	0	0	0
ICIS	2.000		1	0	0	0	3	4
FTTS	2.000		0	0	0	1	0	1
MLTS	2.000		0	0	0	0	0	0
COAL ASH DOE	2.000		0	0	0	0	0	0
COAL ASH EPA	2.000		0	0	0	0	0	0
PCB TRANSFORMER	2.000		0	0	0	0	0	0
RADINFO	2.000		0	0	0	0	0	0
HIST FTTS	2.000		0	0	0	1	0	1
DOT OPS	2.000		0	0	1	0	0	1
CONSENT	2.000		0	0	0	0	0	0
INDIAN RESERV	2.000		0	0	0	0	0	0
FUSRAP	2.000		0	0	0	0	0	0
UMTRA	2.000		0	0	0	0	0	0
LEAD SMELTERS	2.000		0	0	0	0	0	0
US AIRS	2.000		1	1	2	0	4	8
US MINES	2.000		0	0	0	0	0	0
ABANDONED MINES	2.000		0	0	0	0	0	0
FINDS	2.000		9	5	15	12	56	97
UXO	2.000		0	0	0	0	0	0
DOCKET HWC	2.000		0	0	0	0	0	0
ECHO	2.000		8	4	12	11	42	77
FUELS PROGRAM	2.000		0	0	0	0	0	0
AIRS	2.000		2	1	5	0	1	9
COAL ASH	2.000		0	0	0	0	0	0
DRYCLEANERS	2.000		0	0	1	1	5	7
Financial Assurance	2.000		3	2	6	1	16	28
NPDES	2.000		8	12	8	16	35	79
TIER 2	2.000		0	0	3	0	3	6
UIC	2.000		0	0	0	0	0	0
MINES MRDS	2.000		0	0	0	0	0	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	2.000		0	0	0	0	0	0
EDR Hist Auto	2.000		0	0	0	2	12	14

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Cleaner	2.000		0	0	0	0	5	5
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	2.000		0	0	0	0	0	0
RGA LF	2.000		0	0	0	0	0	0
RGA LUST	2.000		0	0	1	0	18	19
- Totals --		0	40	30	73	53	274	470

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

FINDS:

Registry ID: 110001764957

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

OSHA ESTABLISHMENT
AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004462769
Registry ID: 110001764957
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001764957>
Name: WILBERT BURIAL VAULT CO
Address: 5246 ARKWRIGHT RD
City,State,Zip: MACON, GA 31201

AIRS:

Name: WILBERT BURIAL VAULT CO
Address: 5246 ARKWRIGHT RD
City,State,Zip: MACON, GA 31201
Record Type: Not reported
State County FIPS: Not reported
State Facility Id: 2100075
Facility Registry Id: Not reported
Facility Category: Not reported
Oris Facility code: Not reported
SIC Primary: 3272
NAICS Primary: Not reported
Dun&Bradstreet Number: Not reported
Tri Id number: Not reported
NTI Site id: Not reported
Facility County: Not reported
Site Description: Mfg Concrete Vaults
Submittal Flag: Not reported
Tribal Code: Not reported
AIRS Number: 021-00075
Operational Status: O
SIC Code: Not reported
Contact Name: N/A N/A
Contact Company: Not reported
Contact Telephone: 000-000-0000
Contact Fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Contact Email:	N/A
Contact Address:	N/A
Contact Address 2:	Not reported
Contact City,St,Zip:	N/A, GA 00000
Year:	2020
Classification:	B
Contact Type:	Permit Contact
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	32.931588
Longitude:	-83.702433
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scn Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Emission Release Points:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Process Annual Throughput:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Transaction Table:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Transaction Comments:	Not reported
Contact Person name:	Not reported
Contact Phone number:	Not reported
Telephone Number type name:	Not reported
Electronic Address text:	Not reported
Electronic Address type name:	Not reported
Source Type:	Not reported
Affiliation Type:	Not reported
Format Version:	Not reported
Tribal Code:	Not reported

Name:	WILBERT BURIAL VAULT CO
Address:	5246 ARKWRIGHT RD
City,State,Zip:	MACON, GA 31209
Record Type:	Not reported
State County FIPS:	Not reported
State Facility Id:	302100075
Facility Registry Id:	Not reported
Facility Category:	Not reported
Oris Facility code:	Not reported
SIC Primary:	Not reported
NAICS Primary:	Not reported
Dun&Bradstreet Number:	Not reported
Tri Id number:	Not reported
NTI Site id:	Not reported
Facility County:	Not reported
Site Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
AIRS Number:	041302100075
Operational Status:	O
SIC Code:	3272
Contact Name:	N/A N/A
Contact Company:	N/A
Contact Telephone:	N/A
Contact Telephone 2:	N/A
Contact Fax:	N/A
Contact Email:	N/A
Contact Address:	N/A
Contact Address 2:	N/A
Contact City,St,Zip:	N/A, GA 00000
Year:	Not reported
Classification:	Not reported
Contact Type:	Not reported
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	000000
Longitude:	000000

Control Device Information:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Id:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Sc Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Emission Release Points:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Emission Unit Description: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported

Process Annual Throughput:

Year: Not reported
Record Type: Not reported
State County fips: Not reported
State Facility identifier: Not reported
Emission Unit id: Not reported
Process ID: Not reported
Start Date: Not reported
End Date: Not reported
Start Time: Not reported
End Time: Not reported
Actual Throughput: Not reported
Throughput Unit numerator: Not reported
Material: Not reported
Material Io: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported

Transaction Table:

Year: Not reported
Record Type: Not reported
State County fips: Not reported
Organization Name: Not reported
Transaction Type: Not reported
Inventory Year: Not reported
Inventory Type code: Not reported
Transaction Create date: Not reported
Incremental Submission number: Not reported
Reliability Indicator: Not reported
Transaction Comments: Not reported
Contact Person name: Not reported
Contact Phone number: Not reported
Telephone Number type name: Not reported
Electronic Address text: Not reported
Electronic Address type name: Not reported
Source Type: Not reported
Affiliation Type: Not reported
Format Version: Not reported
Tribal Code: Not reported

Name: WILBERT BURIAL VAULT CO
Address: 5246 ARKWRIGHT RD
City,State,Zip: MACON, GA 31209
Record Type: Not reported
State County FIPS: Not reported
State Facility Id: 302100075
Facility Registry Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Facility Category:	Not reported
Oris Facility code:	Not reported
SIC Primary:	Not reported
NAICS Primary:	Not reported
Dun&Bradstreet Number:	Not reported
Tri Id number:	Not reported
NTI Site id:	Not reported
Facility County:	Not reported
Site Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
AIRS Number:	041302100075
Operational Status:	O
SIC Code:	3272
Contact Name:	N/A N/A
Contact Company:	N/A
Contact Telephone:	N/A
Contact Telephone 2:	N/A
Contact Fax:	N/A
Contact Email:	N/A
Contact Address:	N/A
Contact Address 2:	N/A
Contact City,St,Zip:	N/A, GA 00000
Year:	06
Classification:	Not reported
Contact Type:	Not reported
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	000000
Longitude:	000000
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scn Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Emission Release Points:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Process Annual Throughput:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Material Io: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported

Transaction Table:

Year: Not reported
Record Type: Not reported
State County fips: Not reported
Organization Name: Not reported
Transaction Type: Not reported
Inventory Year: Not reported
Inventory Type code: Not reported
Transaction Create date: Not reported
Incremental Submission number: Not reported
Reliability Indicator: Not reported
Transaction Comments: Not reported
Contact Person name: Not reported
Contact Phone number: Not reported
Telephone Number type name: Not reported
Electronic Address text: Not reported
Electronic Address type name: Not reported
Source Type: Not reported
Affiliation Type: Not reported
Format Version: Not reported
Tribal Code: Not reported

Name: WILBERT BURIAL VAULT CO
Address: 5246 ARKWRIGHT RD
City,State,Zip: MACON, GA 31209
Record Type: Not reported
State County FIPS: Not reported
State Facility Id: 302100075
Facility Registry Id: Not reported
Facility Category: Not reported
Oris Facility code: Not reported
SIC Primary: Not reported
NAICS Primary: Not reported
Dun&Bradstreet Number: Not reported
Tri Id number: Not reported
NTI Site id: Not reported
Facility County: Not reported
Site Description: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported
AIRS Number: 041302100075
Operational Status: Not reported
SIC Code: 3272
Contact Name: N/A N/A
Contact Company: N/A
Contact Telephone: N/A
Contact Telephone 2: N/A
Contact Fax: N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Contact Email:	N/A
Contact Address:	N/A
Contact Address 2:	N/A
Contact City,St,Zip:	N/A, GA 00000
Year:	Not reported
Classification:	Not reported
Contact Type:	Not reported
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	000000
Longitude:	000000
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scn Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Emission Release Points:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Process Annual Throughput:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Transaction Table:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILBERT BURIAL VAULT CO (Continued)

1004462769

Transaction Comments:	Not reported
Contact Person name:	Not reported
Contact Phone number:	Not reported
Telephone Number type name:	Not reported
Electronic Address text:	Not reported
Electronic Address type name:	Not reported
Source Type:	Not reported
Affiliation Type:	Not reported
Format Version:	Not reported
Tribal Code:	Not reported

GA Financial Assurance 1:

Name:	WILBERT BURIAL VAULT COMPANY
Address:	5246 ARKWRIGHT RD
City,State,Zip:	MACON, GA 31209
Region:	1
Facility ID:	10000182
Financial Responsibility:	G.U.S.T. Trust Fund
Location Start Date:	11/07/2002
Location End Date:	Not reported
Location Status:	Close
Location Type:	Other
Facility Status:	INACTIVE

A2

**GA POWER COMPANY PLANT ARKWRIGHT ASH POND NO.3 MON
 RT 12, ARKWRIGHT RD
 MACON, GA 31210**

**SWF/LF S123437558
 N/A**

**< 1/8
 1 ft.**

Site 2 of 5 in cluster A

**Relative:
 Higher
 Actual:
 382 ft.**

SWF/LF:	
Name:	GA POWER COMPANY PLANT ARKWRIGHT ASH POND NO.3 MONOFILL
Address:	RT 12, ARKWRIGHT RD
City,State,Zip:	MACON, GA 31210
Facility Type Description:	Industrial Landfill
Facility Mgr Name:	Not reported
Facility Mgr Addr:	Not reported
Facility Mgr City/State/Zip:	Not reported
Facility Mgr Telephone:	Not reported
Incoming Waste Stream Type:	Not reported
Permit Number:	011-025D(LI)
Operating Status:	Closed
Dominion:	Private Industrial
Type:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Owner Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
EDR Link ID:	011-025D(LI)
Waste Description:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GA POWER COMPANY PLANT ARKWRIGHT ASH POND NO.3 MONOFILL (Continued)

S123437558

Facility Manager Title: Not reported
 Comments: Not reported
 Public: Not reported
 Liner: Not reported
 Hours: Not reported
 Asbestos Type: Not reported
 Contact Name: Not reported
 Contact Telephone: Not reported
 Latitude: Not reported
 Longitude: Not reported

Name: GA POWER COMPANY PLANT ARKWRIGHT ASH POND NO.3 MONOFILL
 Address: RT 12, ARKWRIGHT RD
 City,State,Zip: MACON, GA 31210
 Facility Type Description: Not reported
 Facility Mgr Name: Not reported
 Facility Mgr Addr: Not reported
 Facility Mgr City/State/Zip: Not reported
 Facility Mgr Telephone: Not reported
 Incoming Waste Stream Type: Not reported
 Permit Number: Not reported
 Operating Status: Not reported
 Dominion: Not reported
 Type: SW- Private Industrial Landfill
 Owner Name: Not reported
 Owner Address: Not reported
 Owner City: Not reported
 Owner State: Not reported
 Owner Zip: Not reported
 Owner Phone: Not reported
 Mailing Address: Not reported
 Mailing City: Not reported
 Mailing State: Not reported
 Mailing Zip: Not reported
 EDR Link ID: Not reported
 Waste Description: Not reported
 Facility Manager Title: Not reported
 Comments: Not reported
 Public: Not reported
 Liner: Not reported
 Hours: Not reported
 Asbestos Type: Not reported
 Contact Name: Timothy Earl, P.E.
 Contact Telephone: 404-5067686
 Latitude: 32.929699999999997
 Longitude: -83.703299999999999

A3
NE
< 1/8
0.008 mi.
41 ft.

GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH S
5155 ARKWRIGHT ROAD
ARKWRIGHT, GA 31210
Site 3 of 5 in cluster A

SWF/LF **S123190911**
Financial Assurance **N/A**

Relative:
Lower
Actual:
348 ft.

SWF/LF:
 Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE
 Address: 5155 ARKWRIGHT ROAD
 City,State,Zip: ARKWRIGHT, GA 31210
 Facility Type Description: Industrial Landfill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE (Continued)

S123190911

Facility Mgr Name: Not reported
Facility Mgr Addr: Not reported
Facility Mgr City/State/Zip: Not reported
Facility Mgr Telephone: Not reported
Incoming Waste Stream Type: Not reported
Permit Number: 011-031D(LI)
Operating Status: Closed
Dominion: Private Industrial
Type: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip: Not reported
Owner Phone: Not reported
Mailing Address: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
EDR Link ID: 011-031D(LI)
Waste Description: Not reported
Facility Manager Title: Not reported
Comments: Not reported
Public: Not reported
Liner: Not reported
Hours: Not reported
Asbestos Type: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Latitude: Not reported
Longitude: Not reported

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Facility Type Description: Not reported
Facility Mgr Name: Not reported
Facility Mgr Addr: Not reported
Facility Mgr City/State/Zip: Not reported
Facility Mgr Telephone: Not reported
Incoming Waste Stream Type: Not reported
Permit Number: Not reported
Operating Status: Not reported
Dominion: Not reported
Type: SW- Private Industrial Landfill
Owner Name: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip: Not reported
Owner Phone: Not reported
Mailing Address: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
EDR Link ID: Not reported
Waste Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE (Continued)

S123190911

Facility Manager Title: Not reported
Comments: Not reported
Public: Not reported
Liner: Not reported
Hours: Not reported
Asbestos Type: Not reported
Contact Name: Tanya Blalock
Contact Telephone: 404-5066526
Latitude: 32.922199999999997
Longitude: -83.702799999999996

Financial Assurance 2:

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-031D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2010
Date FA Due: 06/30/2011
Date FA Received: 06/06/2011
Date FA Appvd: 06/30/2011
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: \$0.00
Current PC Amt: \$569,705.40
Current CA Amt: \$0.00
Current Assured Cost: \$569,705.40
EPD Engineer: Not reported
Comments: Closure plan approved in 2009 had yearly PCC costs of \$18,765; this has been inflation-adjusted to 2010 levels and multiplied over 30 years
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 1167
Private: True

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-031D(LI)
Type Instrument: Not reported
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2011
Date FA Due: 06/30/2012
Date FA Received: Not reported
Date FA Appvd: Not reported
CL Base Date: Not reported
PC Base Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE (Continued)

S123190911

PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: Not reported
Current PC Amt: Not reported
Current CA Amt: Not reported
Current Assured Cost: Not reported
EPD Engineer: Not reported
Comments: Not reported
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 1358
Private: True

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-031D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2012
Date FA Due: 06/30/2013
Date FA Received: Not reported
Date FA Appvd: 04/07/2014
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: \$0.00
Current PC Amt: \$538,254.59
Current CA Amt: \$0.00
Current Assured Cost: \$538,254.59
EPD Engineer: Not reported
Comments: Not reported
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 2032
Private: True

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-031D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2013
Date FA Due: 06/30/2014
Date FA Received: 06/20/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE (Continued)

S123190911

Date FA Appvd: 12/02/2014
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: Not reported
Current PC Amt: Not reported
Current CA Amt: Not reported
Current Assured Cost: \$518,319.23
EPD Engineer: Not reported
Comments: Not reported
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 2383
Private: True

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-031D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2014
Date FA Due: 06/30/2015
Date FA Received: 06/18/2015
Date FA Appvd: 07/28/2015
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: \$0.00
Current PC Amt: \$616,137.04
Current CA Amt: \$0.00
Current Assured Cost: \$616,137.04
EPD Engineer: Not reported
Comments: Not reported
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 2384
Private: True

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-031D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE (Continued)

S123190911

Fiscal Year End: 12/31/2015
Date FA Due: 03/30/2016
Date FA Received: 05/06/2016
Date FA Appvd: 05/19/2016
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: \$0.00
Current PC Amt: \$625,379.09
Current CA Amt: \$0.00
Current Assured Cost: \$625,379.09
EPD Engineer: Not reported
Comments: Not reported
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 2479
Private: True

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 2 DRY ASH STOCKPILE
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-031D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2016
Date FA Due: 03/30/2017
Date FA Received: 05/12/2017
Date FA Appvd: 06/01/2017
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: \$0.00
Current PC Amt: \$631,632.88
Current CA Amt: \$0.00
Current Assured Cost: \$631,632.88
EPD Engineer: Not reported
Comments: Not reported
FA Required: False
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 2696
Private: True

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A4
NE
 < 1/8
 0.008 mi.
 41 ft.

GEORGIA POWER PLANT ARKWRIGHT ASH POND 1
5155 ARKWRIGHT ROAD
ARKWRIGHT, GA 31210
Site 4 of 5 in cluster A

SWF/LF **S110995792**
Financial Assurance **N/A**

Relative:
Lower
Actual:
348 ft.

SWF/LF:
 Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 1
 Address: 5155 ARKWRIGHT ROAD
 City,State,Zip: ARKWRIGHT, GA 31210
 Facility Type Description: Industrial Landfill
 Facility Mgr Name: Not reported
 Facility Mgr Addr: Not reported
 Facility Mgr City/State/Zip: Not reported
 Facility Mgr Telephone: Not reported
 Incoming Waste Stream Type: Not reported
 Permit Number: 011-030D(LI)
 Operating Status: Closed
 Dominion: Private Industrial
 Type: Not reported
 Owner Name: Not reported
 Owner Address: Not reported
 Owner City: Not reported
 Owner State: Not reported
 Owner Zip: Not reported
 Owner Phone: Not reported
 Mailing Address: Not reported
 Mailing City: Not reported
 Mailing State: Not reported
 Mailing Zip: Not reported
 EDR Link ID: 011-030D(LI)
 Waste Description: Not reported
 Facility Manager Title: Not reported
 Comments: Not reported
 Public: Not reported
 Liner: Not reported
 Hours: Not reported
 Asbestos Type: Not reported
 Contact Name: Not reported
 Contact Telephone: Not reported
 Latitude: Not reported
 Longitude: Not reported

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 1
 Address: 5155 ARKWRIGHT ROAD
 City,State,Zip: ARKWRIGHT, GA 31210
 Facility Type Description: Not reported
 Facility Mgr Name: Not reported
 Facility Mgr Addr: Not reported
 Facility Mgr City/State/Zip: Not reported
 Facility Mgr Telephone: Not reported
 Incoming Waste Stream Type: Not reported
 Permit Number: Not reported
 Operating Status: Not reported
 Dominion: Not reported
 Type: SW- Private Industrial Landfill
 Owner Name: Not reported
 Owner Address: Not reported
 Owner City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER PLANT ARKWRIGHT ASH POND 1 (Continued)

S110995792

Owner State: Not reported
Owner Zip: Not reported
Owner Phone: Not reported
Mailing Address: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
EDR Link ID: Not reported
Waste Description: Not reported
Facility Manager Title: Not reported
Comments: Not reported
Public: Not reported
Liner: Not reported
Hours: Not reported
Asbestos Type: Not reported
Contact Name: Tanya Blalock
Contact Telephone: 404-5066526
Latitude: 32.919400000000003
Longitude: -83.698300000000003

Financial Assurance 2:

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 1
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-030D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2010
Date FA Due: 06/30/2011
Date FA Received: 06/06/2011
Date FA Appvd: 06/30/2011
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: \$0.00
Current PC Amt: \$1,574,014.20
Current CA Amt: \$0.00
Current Assured Cost: \$1,574,014.20
EPD Engineer: Not reported
Comments: Plan approved in 2009 had yearly PCC cost of \$51,845; this figure has been inflation-adjusted to 2010 values and multiplied over 30 years
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 1166
Private: True

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 1
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-030D(LI)
Type Instrument: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER PLANT ARKWRIGHT ASH POND 1 (Continued)

S110995792

Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2011
Date FA Due: 06/30/2012
Date FA Received: Not reported
Date FA Appvd: Not reported
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: Not reported
Current PC Amt: Not reported
Current CA Amt: Not reported
Current Assured Cost: Not reported
EPD Engineer: Not reported
Comments: Not reported
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 1357
Private: True

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 1
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-030D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2012
Date FA Due: 06/30/2013
Date FA Received: Not reported
Date FA Appvd: 04/07/2014
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: \$0.00
Current PC Amt: \$1,430,778.91
Current CA Amt: \$0.00
Current Assured Cost: \$1,430,778.91
EPD Engineer: Not reported
Comments: Not reported
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 2033
Private: True

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 1
Address: 5155 ARKWRIGHT ROAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER PLANT ARKWRIGHT ASH POND 1 (Continued)

S110995792

City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-030D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2013
Date FA Due: 06/30/2014
Date FA Received: 06/20/2014
Date FA Appvd: 12/02/2014
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: \$0.00
Current PC Amt: \$1,453,522.22
Current CA Amt: Not reported
Current Assured Cost: \$1,453,522.22
EPD Engineer: Not reported
Comments: Not reported
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 2381
Private: True

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 1
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-030D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2014
Date FA Due: 06/30/2015
Date FA Received: 06/18/2015
Date FA Appvd: 07/28/2015
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: \$0.00
Current PC Amt: \$1,702,298.14
Current CA Amt: \$0.00
Current Assured Cost: \$1,702,298.14
EPD Engineer: Not reported
Comments: Not reported
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 2382
Private: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER PLANT ARKWRIGHT ASH POND 1 (Continued)

S110995792

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 1
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-030D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2015
Date FA Due: 03/30/2016
Date FA Received: 05/06/2016
Date FA Appvd: 05/19/2016
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: \$0.00
Current PC Amt: \$1,727,832.61
Current CA Amt: \$0.00
Current Assured Cost: \$1,727,832.61
EPD Engineer: Not reported
Comments: Not reported
FA Required: True
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False
Site ID: 2478
Private: True

Name: GEORGIA POWER PLANT ARKWRIGHT ASH POND 1
Address: 5155 ARKWRIGHT ROAD
City,State,Zip: ARKWRIGHT, GA 31210
Permit Number: 011-030D(LI)
Type Instrument: CFT
Date Ceased Accepting Waste: Not reported
Date Closure Certificate Issued: 06/30/2010
Fiscal Year End: 12/31/2016
Date FA Due: 03/30/2017
Date FA Received: 05/12/2017
Date FA Appvd: 06/01/2017
CL Base Date: Not reported
PC Base Date: Not reported
PC/C Period: 30
CA Base Date: Not reported
Discount: False
Current CL Amt: \$0.00
Current PC Amt: \$1,745,110.94
Current CA Amt: \$0.00
Current Assured Cost: \$1,745,110.94
EPD Engineer: Not reported
Comments: Not reported
FA Required: False
Facility Type: LI
Operation Status: 2
Dominion: Private Industrial
His Listed: False

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GEORGIA POWER PLANT ARKWRIGHT ASH POND 1 (Continued)

S110995792

Site ID: 2695
 Private: True

B5
NNE
 < 1/8
 0.014 mi.
 75 ft.

GA POWER COMPANY - PLANT ARKWRIGHT
5241 ARKWRIGHT RD
MACON, GA 30308
 Site 1 of 3 in cluster B

AIRS S121798781
N/A

Relative:
Lower
Actual:
349 ft.

AIRS:

Name:	GA POWER COMPANY - PLANT ARKWRIGHT
Address:	5241 ARKWRIGHT RD
City,State,Zip:	MACON, GA 303083374
Record Type:	Not reported
State County FIPS:	Not reported
State Facility Id:	2100002
Facility Registry Id:	Not reported
Facility Category:	Not reported
Oris Facility code:	Not reported
SIC Primary:	4911
NAICS Primary:	Not reported
Dun&Bradstreet Number:	Not reported
Tri Id number:	Not reported
NTI Site id:	Not reported
Facility County:	Not reported
Site Description:	Electric Generation
Submittal Flag:	Not reported
Tribal Code:	Not reported
AIRS Number:	021-00002
Operational Status:	X
SIC Code:	Not reported
Contact Name:	Tommy Mcbrearty
Contact Company:	Not reported
Contact Telephone:	912-477-1155
Contact Fax:	Not reported
Contact Email:	no@email.com
Contact Address:	N/A
Contact Address 2:	Not reported
Contact City,St,Zip:	N/A, GA 00000
Year:	2020
Classification:	A
Contact Type:	Permit Contact
Permit Number:	4911-021-0002-V-01-0
Issued Date:	1999-11-09 00:00:00
Latitude:	32.93149
Longitude:	-83.70209

Control Device Information:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GA POWER COMPANY - PLANT ARKWRIGHT (Continued)

S121798781

Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scn Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GA POWER COMPANY - PLANT ARKWRIGHT (Continued)

S121798781

Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Emission Release Points:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported

Airs EU:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GA POWER COMPANY - PLANT ARKWRIGHT (Continued)

S121798781

Process Annual Throughput:

Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material Io:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Transaction Table:

Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported
Transaction Comments:	Not reported
Contact Person name:	Not reported
Contact Phone number:	Not reported
Telephone Number type name:	Not reported
Electronic Address text:	Not reported
Electronic Address type name:	Not reported
Source Type:	Not reported
Affiliation Type:	Not reported
Format Version:	Not reported
Tribal Code:	Not reported

B6
NNE
< 1/8
0.014 mi.
75 ft.

GA POWER CO
5241 ARKWRIGHT ROAD
MACON, GA 31210
Site 2 of 3 in cluster B

ICIS 1016113142
FINDS N/A
ECHO

Relative:
Lower
Actual:
349 ft.

ICIS:	
Enforcement Action ID:	GA000A0000130210000200037
FRS ID:	110000360207
Action Name:	GA POWER COMPANY - PLANT ARKWRIGHT 130210000200037
Facility Name:	GA POWER COMPANY - PLANT ARKWRIGHT
Facility Address:	5241 ARKWRIGHT RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GA POWER CO (Continued)

1016113142

MACON, GA 303083374
Enforcement Action Type: Notice of Violation
Facility County: BIBB
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.93149
Longitude in Decimal Degrees: -83.70209
Permit Type Desc: Not reported
Program System Acronym: GA0000001302100002
Facility NAICS Code: 999999
Tribal Land Code: Not reported

Enforcement Action ID: GA000A0000130210000200034
FRS ID: 110000360207
Action Name: GA POWER COMPANY - PLANT ARKWRIGHT 130210000200034
Facility Name: GA POWER COMPANY - PLANT ARKWRIGHT
Facility Address: 5241 ARKWRIGHT RD
MACON, GA 303083374

Enforcement Action Type: Notice of Violation
Facility County: BIBB
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.93149
Longitude in Decimal Degrees: -83.70209
Permit Type Desc: Not reported
Program System Acronym: GA0000001302100002
Facility NAICS Code: 999999
Tribal Land Code: Not reported

Enforcement Action ID: GA000A0000130210000200026
FRS ID: 110000360207
Action Name: GA POWER COMPANY - PLANT ARKWRIGHT 130210000200026
Facility Name: GA POWER COMPANY - PLANT ARKWRIGHT
Facility Address: 5241 ARKWRIGHT RD
MACON, GA 303083374

Enforcement Action Type: Notice of Violation
Facility County: BIBB
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.93149
Longitude in Decimal Degrees: -83.70209
Permit Type Desc: Not reported
Program System Acronym: GA0000001302100002
Facility NAICS Code: 999999
Tribal Land Code: Not reported

Enforcement Action ID: GA000A0000130210000200021
FRS ID: 110000360207

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GA POWER CO (Continued)

1016113142

Action Name: GA POWER COMPANY - PLANT ARKWRIGHT 130210000200021
Facility Name: GA POWER COMPANY - PLANT ARKWRIGHT
Facility Address: 5241 ARKWRIGHT RD
MACON, GA 303083374
Enforcement Action Type: Notice of Violation
Facility County: BIBB
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.93149
Longitude in Decimal Degrees: -83.70209
Permit Type Desc: Not reported
Program System Acronym: GA0000001302100002
Facility NAICS Code: 999999
Tribal Land Code: Not reported

Enforcement Action ID: GA000A0000130210000200020
FRS ID: 110000360207
Action Name: GA POWER COMPANY - PLANT ARKWRIGHT 130210000200020
Facility Name: GA POWER COMPANY - PLANT ARKWRIGHT
Facility Address: 5241 ARKWRIGHT RD
MACON, GA 303083374

Enforcement Action Type: Notice of Violation
Facility County: BIBB
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.93149
Longitude in Decimal Degrees: -83.70209
Permit Type Desc: Not reported
Program System Acronym: GA0000001302100002
Facility NAICS Code: 999999
Tribal Land Code: Not reported

Enforcement Action ID: GA000A0000130210000200019
FRS ID: 110000360207
Action Name: GA POWER COMPANY - PLANT ARKWRIGHT 130210000200019
Facility Name: GA POWER COMPANY - PLANT ARKWRIGHT
Facility Address: 5241 ARKWRIGHT RD
MACON, GA 303083374

Enforcement Action Type: Notice of Violation
Facility County: BIBB
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.93149
Longitude in Decimal Degrees: -83.70209
Permit Type Desc: Not reported
Program System Acronym: GA0000001302100002
Facility NAICS Code: 999999
Tribal Land Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GA POWER CO (Continued)

1016113142

FINDS:

Registry ID: 110000360207

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

CAMDBS (Clean Air Markets Division Business System) is a national information system that supports the implementation of market-based air pollution control programs administered by the Clean Air Markets Division, within the Office of Air and Radiation. These programs include the Acid Rain Program, established by Title IV of the Clean Air Act Amendments of 1990, and regional programs designed reduce the transport of ozone. These emissions trading programs allows regulated facilities (primarily electric utilities) to adopt the most cost-effective strategies to reduce emissions at their units. Units that reduce their emissions below the number of allowances they hold -- each allowance is equivalent to one ton of sulfur dioxide or nitrogen oxides -- may trade allowances with other units in their system, sell them to other utilities on the open market or through EPA auctions, or bank them to cover emissions in future years. CAMDBS functions include registering responsible officials, establishing allowance accounts, reporting hourly emissions data, and transferring allowances between accounts.

TSCA SUBMITTER

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

ELECTRIC GENERATOR

AIR MAJOR

AIR MINOR

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GA POWER CO (Continued)

1016113142

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016113142
Registry ID:	110000360207
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000360207
Name:	GA POWER CO
Address:	5241 ARKWRIGHT ROAD
City,State,Zip:	MACON, GA 31210

B7
NNE
 < 1/8
 0.014 mi.
 75 ft.

GA POWER - PLT ARKWRIGHT
5241 ARKWRIGHT RD
MACON, GA 31210
 Site 3 of 3 in cluster B

RCRA NonGen / NLR **1007117727**
GAD000612846

Relative:
Lower
Actual:
349 ft.

RCRA NonGen / NLR:	
Date Form Received by Agency:	20100719
Handler Name:	GA POWER - PLT ARKWRIGHT
Handler Address:	5241 ARKWRIGHT RD
Handler City,State,Zip:	MACON, GA 31210
EPA ID:	GAD000612846
Contact Name:	TANYA BLALOCK
Contact Address:	RALPH MCGILL BLVD NE BIN 10221
Contact City,State,Zip:	ATLANTA, GA 30308
Contact Telephone:	404-506-7026
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	ENV MGR
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	GA
State District:	HWU
Mailing Address:	RALPH MCGILL BLVD NE BIN 10221
Mailing City,State,Zip:	ATLANTA, GA 30308
Owner Name:	GA POWER
Owner Type:	Private
Operator Name:	OPERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GA POWER - PLT ARKWRIGHT (Continued)

1007117727

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20100722
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D001
 Waste Description: IGNITABLE WASTE

Waste Code: F002
 Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GA POWER - PLT ARKWRIGHT (Continued)

1007117727

F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, WY 99999
Owner/Operator Telephone: 404-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, WY 99999
Owner/Operator Telephone: 404-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GA POWER
Legal Status: Private
Date Became Current: 19690721
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GA POWER - PLT ARKWRIGHT (Continued)

1007117727

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GA POWER
Legal Status:	Private
Date Became Current:	19201117
Date Ended Current:	Not reported
Owner/Operator Address:	241 RALPH MCGILL BLVD
Owner/Operator City,State,Zip:	ATLANTA, GA 30308
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GA POWER
Legal Status:	Private
Date Became Current:	19690721
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEORGIA POWER COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	241 RALPH MCGILL BLVD
Owner/Operator City,State,Zip:	ATLANTA, GA 30308
Owner/Operator Telephone:	404-506-7778
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GA POWER
Legal Status:	Private
Date Became Current:	19201117
Date Ended Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GA POWER - PLT ARKWRIGHT (Continued)

1007117727

Owner/Operator Address: 241 RALPH MCGILL BLVD
Owner/Operator City,State,Zip: ATLANTA, GA 30308
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20000629
Handler Name: GA POWER CO PLT ARKWRIGHT
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020826
Handler Name: GA POWER CO PLT ARKWRIGHT
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050609
Handler Name: GA POWER - PLT ARKWRIGHT
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100719
Handler Name: GA POWER - PLT ARKWRIGHT
Federal Waste Generator Description: Not a generator, verified
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GA POWER - PLT ARKWRIGHT (Continued)

1007117727

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900228
Handler Name: GA POWER CO ARKWRIGHT STM ELEC GEN STA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920427
Handler Name: GA POWER - PLANT ARKWRIGHT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940216
Handler Name: GA POWER CO PLANT ARKWRIGHT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 2211
NAICS Description: ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION

NAICS Code: 53119
NAICS Description: LESSORS OF OTHER REAL ESTATE PROPERTY

Facility Has Received Notices of Violation:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GA POWER - PLT ARKWRIGHT (Continued)

1007117727

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GA POWER - PLT ARKWRIGHT (Continued)

1007117727

SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Evaluation Action Summary:
 Evaluation Date: 19920830
 Evaluation Responsible Agency: State
 Found Violation: No
 Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
 Evaluation Responsible Person Identifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GA POWER - PLT ARKWRIGHT (Continued)

1007117727

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880411
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920628
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

A8
ENE
 < 1/8
 0.030 mi.
 157 ft.

GEORGIA POWER CORP
AT PLANT ARKWRIGHT
MACON, GA
 Site 5 of 5 in cluster A

SPILLS S101527726
N/A

Relative:
Lower
Actual:
344 ft.

SPILLS:

Name:	GEORGIA POWER CORP
Address:	AT PLANT ARKWRIGHT
City,State,Zip:	MACON, GA
CTS Number:	Not reported
Spill Number:	14
UN Number:	Not reported
UN Number2:	Not reported
Report Number:	Not reported
Report Date:	Not reported
Report Time:	Not reported
Spill Date:	04/18/94
Spill Time:	Not reported
Incident Type:	Not reported
Material Involved:	HYDROGEN SEAL OIL
Quantity:	Not reported
Phase:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER CORP (Continued)

S101527726

Radioactive:	Not reported
Material 2:	Not reported
Quantity 2:	Not reported
Phase 2:	Not reported
Radioactive 2:	Not reported
Waterway Impctd:	OCMULGEE RIVER
Evacuation:	Not reported
Caller:	Not reported
Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	Not reported
Associate Name:	Not reported
Investigation Date:	Not reported
Resolved:	Not reported
Closure Date:	Not reported
Ten Days Follow Up:	Not reported
Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	DDO-ONLY
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	Not reported
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Not reported
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER CORP (Continued)

S101527726

Additional Info: Not reported
Comments 6: Not reported
Comments 7: Not reported
Incident: Not reported
Primary Concern 1 Description: Not reported
Primary Concern 2: Not reported
Primary Concern 2 Description: Not reported
Source Address 1: Not reported
Source Address 2: Not reported
Source City: Not reported
Source State: Not reported
Source Zip: Not reported
Direction: Not reported
Caller Address 1: Not reported
Caller Address 2: Not reported
Caller City: Not reported
Caller State: Not reported
Caller Zip: Not reported
Comp City: Not reported
Branch: Not reported
BDesc: Not reported
Program: Not reported
Prog Desc: Not reported
Accept Date: Not reported
Assign Date: Not reported
FUI Need: Not reported
Refer 2: Not reported
Contact: Not reported
Active: Not reported
Facility ID: Not reported
Approved Date: Not reported
Facility Status: Not reported

Name: GEORGIA POWER CORP
Address: AT PLANT ARKWRIGHT
City,State,Zip: MACON, GA
CTS Number: Not reported
Spill Number: 14
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: 04/18/94
Spill Time: Not reported
Incident Type: Not reported
Material Involved: HYDROGEN SEAL OIL
Quantity: Not reported
Phase: Not reported
Radioactive: Not reported
Material 2: Not reported
Quantity 2: Not reported
Phase 2: Not reported
Radioactive 2: Not reported
Waterway Impctd: OCMULGEE RIVER
Evacuation: Not reported
Caller: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER CORP (Continued)

S101527726

Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	Not reported
Associate Name:	Not reported
Investigation Date:	Not reported
Resolved:	Not reported
Closure Date:	Not reported
Ten Days Follow Up:	Not reported
Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	DDO-ONLY
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	Not reported
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Not reported
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GEORGIA POWER CORP (Continued)

S101527726

Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported
Comp City:	Not reported
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	Not reported
Assign Date:	Not reported
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Not reported
Active:	Not reported
Facility ID:	Not reported
Approved Date:	Not reported
Facility Status:	Not reported

C9
West
 < 1/8
 0.052 mi.
 277 ft.

SECURITY BANK OPERATIONS CENTER
115 GATEWAY DRIVE
MACON, GA
 Site 1 of 2 in cluster C

NPDES S127156546
 N/A

Relative:
Higher
Actual:
379 ft.

NPDES:	
Name:	SECURITY BANK OPERATIONS CENTER
Address:	115 GATEWAY DRIVE
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR107790
Facility Type Desc:	Not reported
Owner:	GATEWAY 75, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2018
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	01/17/2014
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	12/16/2013
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SECURITY BANK OPERATIONS CENTER (Continued)

S127156546

District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: PIEDMONT CONSTRUCTION
Postmarked Date: 12/27/2013
Issue Date: 9/23/2013
Permit Status: Terminated
Total Acres: 2.2
50 or More Acres Disturbed: N/A
Impaired Stream Segments: N
TMDL Implementation Plans: N
Common Development Name: Not reported
Active or Term: Terminated
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Jody Sapp
Area Specialist: Not reported
Engineer: Kathy McCoy
Action Status: No Longer In Effect

Name: SECURITY BANK OPERATIONS CENTER
Address: 115 GATEWAY DRIVE
City,State,Zip: MACON, GA
Notice of Intent Num: GAR107790
Facility Type Desc: Not reported
Owner: GATEWAY 75, LLC
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2013
Permit Action Status: Superseded
Extension Date: Not reported
Termination Date: 01/17/2014
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: Not reported
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: PIEDMONT CONSTRUCTION
Postmarked Date: 9/24/2007
Issue Date: 8/1/2008
Permit Status: Terminated
Total Acres: 2.2
50 or More Acres Disturbed: N/A

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SECURITY BANK OPERATIONS CENTER (Continued)

S127156546

Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	Not reported
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	Superseded

D10
WNW
 < 1/8
 0.057 mi.
 303 ft.

JAREX INVESTMENT-ADDITION
315 CORPORATE WAY
MACON, GA 31210

NPDES S127172055
N/A

Site 1 of 5 in cluster D

Relative:
Higher
Actual:
403 ft.

NPDES:	
Name:	JAREX INVESTMENT-ADDITION
Address:	315 CORPORATE WAY
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR153544
Facility Type Desc:	Not reported
Owner:	X-75, Gregg Jarrell
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2018
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	07/25/2017
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Not reported
Postmarked Date:	8/8/2017
Issue Date:	9/23/2013
Permit Status:	Expired
Total Acres:	1.2
50 or More Acres Disturbed:	N
Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	NA
Active or Term:	Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAREX INVESTMENT-ADDITION (Continued)

S127172055

Coverage Status: Noncovered
Lot Numbers: NA
NOI Specialist: Not reported
Area Specialist: Jody Sapp
Engineer: Todd Bethune
Action Status: No Longer In Effect

**D11
WNW
< 1/8
0.057 mi.
303 ft.**

**GROGREEN SOLUTIONS GA, LLC.
315 CORPORATE PKWY. SUITE 120
MACON, GA 31210**

**FINDS 1024419270
N/A**

Site 2 of 5 in cluster D

**Relative:
Higher
Actual:
403 ft.**

FINDS:
Registry ID: 110070337617

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**D12
WNW
< 1/8
0.057 mi.
303 ft.**

**JAREX INVESTMENT-ADDITION
315 CORPORATE PARKWAY
MACON, GA 31210**

**FINDS 1023701005
ECHO N/A**

Site 3 of 5 in cluster D

**Relative:
Higher
Actual:
403 ft.**

FINDS:
Registry ID: 110070098125

Click Here:

Environmental Interest/Information System:
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1023701005
Registry ID: 110070098125
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070098125>
Name: JAREX INVESTMENT-ADDITION
Address: 315 CORPORATE PARKWAY
City,State,Zip: MACON, GA 31210

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E13
South
< 1/8
0.067 mi.
354 ft.

DR. JONES ANNEX
235 SHERATON BLVD.
MACON, GA

NPDES **S127169665**
N/A

Site 1 of 6 in cluster E

Relative:
Lower

NPDES:

Actual:
335 ft.

Name:	DR. JONES ANNEX
Address:	235 SHERATON BLVD.
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR151141
Facility Type Desc:	Not reported
Owner:	Charles R. Smith
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2018
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	04/21/2016
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Not reported
Postmarked Date:	5/4/2016
Issue Date:	9/23/2013
Permit Status:	Expired
Total Acres:	2.3
50 or More Acres Disturbed:	Not reported
Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	NA
Active or Term:	Active
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Jody Sapp
Area Specialist:	Not reported
Engineer:	Elnora Vinson
Action Status:	No Longer In Effect

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E14
South
< 1/8
0.067 mi.
354 ft.

DR. JONES ANNEX
235 SHERATON BLVD.
MACON, GA 00000

Site 2 of 6 in cluster E

FINDS 1022971419
ECHO N/A

Relative:
Lower

Actual:
335 ft.

FINDS:
 Registry ID: 110070007765

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1022971419
 Registry ID: 110070007765
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070007765>
 Name: DR. JONES ANNEX
 Address: 235 SHERATON BLVD.
 City,State,Zip: MACON, GA 00000

C15
WSW
< 1/8
0.073 mi.
387 ft.

GPM / A DIVISION OF TENCARVA MACHINERY
110 GATEWAY DR
MACON, GA 31210

Site 2 of 2 in cluster C

RCRA-VSQQ 1006806595
FINDS GAR000033035
ECHO

Relative:
Lower

Actual:
361 ft.

RCRA-VSQQ:
 Date Form Received by Agency: 20130730
 Handler Name: GPM / A DIVISION OF TENCARVA MACHINERY
 Handler Address: 110 GATEWAY DR
 Handler City,State,Zip: MACON, GA 31210
 EPA ID: GAR000033035
 Contact Name: DAVID M DRESSNER
 Contact Address: GATEWAY DR
 Contact City,State,Zip: MACON, GA 31210
 Contact Telephone: 478-471-7867
 Contact Fax: 478-471-9725
 Contact Email: DAVIDD@GPMIND.COM
 Contact Title: REPAIR ADMINISTRATOR
 EPA Region: 04
 Land Type: Private
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: GA
 State District: MEW
 Mailing Address: GATEWAY DR

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GPM / A DIVISION OF TENCARVA MACHINERY (Continued)

1006806595

Mailing City,State,Zip:	MACON, GA 31210
Owner Name:	GATEWAY PROPERTIES INC
Owner Type:	Private
Operator Name:	GPM INDUSTRIES INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20130730
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GPM / A DIVISION OF TENCARVA MACHINERY (Continued)

1006806595

Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: GATEWAY PROPERTIES INC
Legal Status: Private
Date Became Current: 19960215
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GPM INDUSTRIES INC
Legal Status: Private
Date Became Current: 19960215
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GPM INDUSTRIES INC
Legal Status: Private
Date Became Current: 19960215
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GPM / A DIVISION OF TENCARVA MACHINERY (Continued)

1006806595

Owner/Operator Name: GATEWAY PROPERTIES INC
Legal Status: Private
Date Became Current: 19960215
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GPM INDUSTRIES INC
Legal Status: Private
Date Became Current: 19960215
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TENCARVA MACHINERY
Legal Status: Private
Date Became Current: 20111001
Date Ended Current: Not reported
Owner/Operator Address: 1115 PLEASANT RIDGE RD
Owner/Operator City,State,Zip: GREENSBORO, NC 27409
Owner/Operator Telephone: 336-665-1435
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GATEWAY PROPERTIES INC
Legal Status: Private
Date Became Current: 19960215
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GPM INDUSTRIES INC
Legal Status: Private
Date Became Current: 19960215
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GPM / A DIVISION OF TENCARVA MACHINERY (Continued)

1006806595

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TENCARVA MACHINERY
Legal Status: Private
Date Became Current: 20111001
Date Ended Current: Not reported
Owner/Operator Address: 1115 PLEASANT RIDGE RD
Owner/Operator City, State, Zip: GREENSBORO, NC 27409
Owner/Operator Telephone: 336-665-1435
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GATEWAY PROPERTIES INC
Legal Status: Private
Date Became Current: 19960215
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City, State, Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20030204
Handler Name: GPM INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050110
Handler Name: GPM INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20090729
Handler Name: GPM INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GPM / A DIVISION OF TENCARVA MACHINERY (Continued)

1006806595

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130730
Handler Name: GPM / A DIVISION OF TENCARVA MACHINERY
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 42183
NAICS Description: INDUSTRIAL MACHINERY AND EQUIPMENT WHOLESALERS

NAICS Code: 42383
NAICS Description: INDUSTRIAL MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS

NAICS Code: 42385
NAICS Description: SERVICE ESTABLISHMENT EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GPM / A DIVISION OF TENCARVA MACHINERY (Continued)

1006806595

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20041117
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: GAGTT
Evaluation Responsible Sub-Organization: GC
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:

Registry ID: 110014375167

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1006806595
Registry ID: 110014375167
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110014375167>
Name: GPM / A DIVISION OF TENCARVA MACHINERY
Address: 110 GATEWAY DR
City,State,Zip: MACON, GA 31210

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D16
WNW
 < 1/8
 0.082 mi.
 435 ft.

WAREHOUSE/OFFICE DEVELOPMENT -312 CORPORATE PKWY
312 CORPORATE PKWY.
MACON, GA 31210

FINDS 1022974620
ECHO N/A

Site 4 of 5 in cluster D

Relative:
Higher

FINDS:
 Registry ID: 110070010970

Actual:
409 ft.

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1022974620
 Registry ID: 110070010970
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070010970>
 Name: WAREHOUSE/OFFICE DEVELOPMENT -312 CORPORATE PKWY
 Address: 312 CORPORATE PKWY.
 City,State,Zip: MACON, GA 31210

D17
WNW
 < 1/8
 0.082 mi.
 435 ft.

WAREHOUSE/OFFICE DEVELOPMENT -312 CORPORATE PKWY
312 CORPORATE PKWY.
MACON, GA 31210

NPDES S127167879
N/A

Site 5 of 5 in cluster D

Relative:
Higher

NPDES:
 Name: WAREHOUSE/OFFICE DEVELOPMENT -312 CORPORATE PKWY
 Address: 312 CORPORATE PKWY.
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR149350
 Facility Type Desc: Not reported
 Owner: Bloodworth Properties, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2018
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 04/21/2015
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported

Actual:
409 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WAREHOUSE/OFFICE DEVELOPMENT -312 CORPORATE PKWY (Continued)

S127167879

Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Industrial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	NA
Postmarked Date:	5/5/2015
Issue Date:	9/23/2013
Permit Status:	Expired
Total Acres:	2.2
50 or More Acres Disturbed:	N
Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	NA
Active or Term:	Active
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Jody Sapp
Area Specialist:	Not reported
Engineer:	Elnora Vinson
Action Status:	No Longer In Effect

E18
South
< 1/8
0.087 mi.
460 ft.

LOFTS @ RIVER CROSSING
214 SHERATON DRIVE
MACON, GA 31210
Site 3 of 6 in cluster E

NPDES S127174093
N/A

Relative:
Lower
Actual:
320 ft.

NPDES:	
Name:	LOFTS @ RIVER CROSSING
Address:	214 SHERATON DRIVE
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR153FB7
Facility Type Desc:	Not reported
Owner:	MSD Riverside Properties, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	11/12/2019
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	08/07/2018
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOFTS @ RIVER CROSSING (Continued)

S127174093

District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: MSD Riverside Properties, LLC
Postmarked Date: 8/21/2018
Issue Date: 8/1/2018
Permit Status: Terminated
Total Acres: 3.9
50 or More Acres Disturbed: N
Impaired Stream Segments: Not reported
TMDL Implementation Plans: Not reported
Common Development Name: Not reported
Active or Term: Terminated
Coverage Status: Covered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: No Longer In Effect

E19
South
< 1/8
0.087 mi.
460 ft.

LOFTS @ RIVER CROSSING
214 SHERATON DRIVE
MACON, GA 31210
Site 4 of 6 in cluster E

FINDS 1024436073
ECHO N/A

Relative:
Lower
Actual:
320 ft.

FINDS:
Registry ID: 110070358157

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1024436073
Registry ID: 110070358157
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070358157>
Name: LOFTS @ RIVER CROSSING
Address: 214 SHERATON DRIVE
City,State,Zip: MACON, GA 31210

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E20
South
< 1/8
0.087 mi.
460 ft.

RIVERSIDE 75 DEVELOPMENT
214 SHERATON DRIVE
MACON, GA

NPDES S127157644
N/A

Site 5 of 6 in cluster E

Relative:
Lower

NPDES:

Actual:
320 ft.

Name: RIVERSIDE 75 DEVELOPMENT
 Address: 214 SHERATON DRIVE
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR111160
 Facility Type Desc: Not reported
 Owner: THOMPSON INVESTMENTS, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: 09/25/2009
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: APPLING BROTHERS
 Postmarked Date: 3/7/2008
 Issue Date: 8/1/2008
 Permit Status: Terminated
 Total Acres: 8.18
 50 or More Acres Disturbed: N/A
 Impaired Stream Segments: N/A
 TMDL Implementation Plans: N/A
 Common Development Name: Not reported
 Active or Term: Terminated
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F21 **ARKWRIGHT AP3 LANDFILL ACCESS DRIVE & WET WELL** **FINDS** **1024600131**
North **5398 ARKWRIGHT ROAD** **ECHO** **N/A**
< 1/8 **MACON, GA 31210**
0.088 mi.
467 ft. **Site 1 of 2 in cluster F**

Relative: FINDS:
Higher Registry ID: 110070387533

Actual:
382 ft. Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024600131
Registry ID: 110070387533
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070387533>
Name: ARKWRIGHT AP3 LANDFILL ACCESS DRIVE & WET WELL
Address: 5398 ARKWRIGHT ROAD
City,State,Zip: MACON, GA 31210

F22 **ARKWRIGHT AP3 LANDFILL ACCESS DRIVE & WET WELL** **NPDES** **S127186564**
North **5398 ARKWRIGHT ROAD** **N/A**
< 1/8 **MACON, GA 31210**
0.088 mi.
467 ft. **Site 2 of 2 in cluster F**

Relative: NPDES:
Higher Name: ARKWRIGHT AP3 LANDFILL ACCESS DRIVE & WET WELL
Actual: Address: 5398 ARKWRIGHT ROAD
382 ft. City,State,Zip: MACON, GA 31210
Notice of Intent Num: GAR248A03
Facility Type Desc: Not reported
Owner: Georgia Power Company
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2023
Permit Action Status: No Longer In Effect
Extension Date: Not reported
Termination Date: 11/09/2020
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: 10/01/2018
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ARKWRIGHT AP3 LANDFILL ACCESS DRIVE & WET WELL (Continued)

S127186564

Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Linear
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Georgia Power Company
Postmarked Date:	10/15/2018
Issue Date:	8/1/2018
Permit Status:	Terminated
Total Acres:	2.7
50 or More Acres Disturbed:	N/A
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Terminated
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

E23
South
 < 1/8
 0.104 mi.
 551 ft.

AXIS PAIN CENTER AND AXIS SURGERY CENTER
230 SHERATON BOULEVARD
MACON, GA

NPDES S127166311
N/A

Site 6 of 6 in cluster E

Relative:
Lower
Actual:
328 ft.

NPDES:	
Name:	AXIS PAIN CENTER AND AXIS SURGERY CENTER
Address:	230 SHERATON BOULEVARD
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR147778
Facility Type Desc:	Not reported
Owner:	Axis Surgery Center, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2018
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	05/19/2015
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	05/19/2014
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AXIS PAIN CENTER AND AXIS SURGERY CENTER (Continued)

S127166311

District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Not reported
Postmarked Date:	5/30/2014
Issue Date:	9/23/2013
Permit Status:	Terminated
Total Acres:	1.8
50 or More Acres Disturbed:	N
Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	NA
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	NA
NOI Specialist:	Jody Sapp
Area Specialist:	Not reported
Engineer:	Elnora Vinson
Action Status:	No Longer In Effect

**24
 NW
 1/8-1/4
 0.132 mi.
 697 ft.**

**ADRIAN PARK APARTMENTS EXPANSION
 5243 RIVERSIDE DRIVE N/A
 MACON, GA**

**NPDES S127158683
 N/A**

**Relative:
 Higher
 Actual:
 380 ft.**

NPDES:	
Name:	ADRIAN PARK APARTMENTS EXPANSION
Address:	5243 RIVERSIDE DRIVE N/A
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR115696
Facility Type Desc:	Not reported
Owner:	Moore & Murpey Properties
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2013
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	10/22/2013
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	Not reported
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ADRIAN PARK APARTMENTS EXPANSION (Continued)

S127158683

Operator: Moore & Murpey Properties
Postmarked Date: 10/1/2008
Issue Date: 8/1/2008
Permit Status: Terminated
Total Acres: 4.2
50 or More Acres Disturbed: N
Impaired Stream Segments: N/A
TMDL Implementation Plans: N/A
Common Development Name: N/A
Active or Term: Terminated
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: No Longer In Effect

**25
NNW
1/8-1/4
0.148 mi.
783 ft.**

**SNG/OCMULGEE COMPRESSOR STA
RT 12 ARKWRIGHT RD
MACON, GA**

**UST U001486744
Financial Assurance N/A**

**Relative:
Higher
Actual:
402 ft.**

UST:
Name: SNG/OCMULGEE COMPRESSOR STA
Address: RT 12 ARKWRIGHT RD
City,State,Zip: MACON, GA

Tank Info:
Tankid: 1
Name: SNG/OCMULGEE COMPRESSOR STA
Address: RT 12 ARKWRIGHT RD
Tank Status: Removed from Ground
City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 04/15/1954
Facility ID: 4110082
Status Date: Not reported
Product: Kerosene
Pipe Material: Unknown
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

GA Financial Assurance 1:
Name: SNG/OCMULGEE COMPRESSOR STA
Address: RT 12 ARKWRIGHT RD
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 4110082
Financial Responsibility: Not reported
Location Start Date: 04/17/1986
Location End Date: 08/18/1992
Location Status: Close

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SNG/OCMULGEE COMPRESSOR STA (Continued)

U001486744

Location Type: Utilities
 Facility Status: INACTIVE

G26
SSW
1/8-1/4
0.183 mi.
965 ft.

SPRINGHILLS SUITES
4700 SHERATON DRIVE
MACON, GA
Site 1 of 7 in cluster G

NPDES S127188387
N/A

Relative:
Lower

NPDES:
 Name: SPRINGHILLS SUITES
 Address: 4700 SHERATON DRIVE
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR303006
 Facility Type Desc: Not reported
 Owner: TRIANGLE HOSPITALITY, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: 11/05/2013
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: CPD Primary
 Related Primary: Not reported
 Operator: DANNY PATEL
 Postmarked Date: 3/20/2007
 Issue Date: 8/1/2008
 Permit Status: Terminated
 Total Acres: 2.1
 50 or More Acres Disturbed: Not reported
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported
 Active or Term: Terminated
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

Actual:
312 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

H27 SW 1/8-1/4 0.186 mi. 984 ft.	SMITH BARNEY A LINCOLN-MERCURY INC 4785 RIVERSIDE DR MACON, GA 31210 Site 1 of 7 in cluster H	RCRA NonGen / NLR FINDS ECHO	1000404910 GAD981223100
---	--	---	--

Relative:
Lower

Actual:
337 ft.

Relative: Lower Actual: 337 ft.	<table border="0" style="width: 100%;"> <tr> <td style="width: 35%;">RCRA NonGen / NLR:</td> <td style="width: 35%;"></td> <td style="width: 30%;"></td> </tr> <tr> <td>Date Form Received by Agency:</td> <td></td> <td>20040614</td> </tr> <tr> <td>Handler Name:</td> <td>SMITH BARNEY A LINCOLN-MERCURY INC</td> <td></td> </tr> <tr> <td>Handler Address:</td> <td>4785 RIVERSIDE DR</td> <td></td> </tr> <tr> <td>Handler City,State,Zip:</td> <td>MACON, GA 31210</td> <td></td> </tr> <tr> <td>EPA ID:</td> <td>GAD981223100</td> <td></td> </tr> <tr> <td>Contact Name:</td> <td>CLINT WILLIAMS</td> <td></td> </tr> <tr> <td>Contact Address:</td> <td>RIVERSIDE DR</td> <td></td> </tr> <tr> <td>Contact City,State,Zip:</td> <td>MACON, GA 31210</td> <td></td> </tr> <tr> <td>Contact Telephone:</td> <td>478-477-5051</td> <td></td> </tr> <tr> <td>Contact Fax:</td> <td>Not reported</td> <td></td> </tr> <tr> <td>Contact Email:</td> <td>Not reported</td> <td></td> </tr> <tr> <td>Contact Title:</td> <td>Not reported</td> <td></td> </tr> <tr> <td>EPA Region:</td> <td>04</td> <td></td> </tr> <tr> <td>Land Type:</td> <td>Private</td> <td></td> </tr> <tr> <td>Federal Waste Generator Description:</td> <td>Not a generator, verified</td> <td></td> </tr> <tr> <td>Non-Notifier:</td> <td>Not reported</td> <td></td> </tr> <tr> <td>Biennial Report Cycle:</td> <td>Not reported</td> <td></td> </tr> <tr> <td>Accessibility:</td> <td>Not reported</td> <td></td> </tr> <tr> <td>Active Site Indicator:</td> <td>Not reported</td> <td></td> </tr> <tr> <td>State District Owner:</td> <td>GA</td> <td></td> </tr> <tr> <td>State District:</td> <td>JO</td> <td></td> </tr> <tr> <td>Mailing Address:</td> <td>RIVERSIDE DR</td> <td></td> </tr> <tr> <td>Mailing City,State,Zip:</td> <td>MACON, GA 31210</td> <td></td> </tr> <tr> <td>Owner Name:</td> <td>SMITH BARNEY A JR</td> <td></td> </tr> <tr> <td>Owner Type:</td> <td>Private</td> <td></td> </tr> <tr> <td>Operator Name:</td> 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Type:	Private		Short-Term Generator Activity:	No		Importer Activity:	No		Mixed Waste Generator:	No		Transporter Activity:	No		Transfer Facility Activity:	No		Recycler Activity with Storage:	No		Small Quantity On-Site Burner Exemption:	No		Smelting Melting and Refining Furnace Exemption:	No		Underground Injection Control:	No		Off-Site Waste Receipt:	No		Universal Waste Indicator:	No		Universal Waste Destination Facility:	No		Federal Universal Waste:	No		Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported		Active Site Converter Treatment storage and Disposal Facility:	Not reported		Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported		Active Site State-Reg Handler:	---		Federal Facility Indicator:	Not reported		Hazardous Secondary Material Indicator:	NN		Sub-Part K Indicator:	Not reported		Commercial TSD Indicator:	No		Treatment Storage and Disposal Type:	Not reported		2018 GPRA Permit Baseline:	Not on the Baseline		2018 GPRA Renewals 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Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SMITH BARNEY A LINCOLN-MERCURY INC (Continued)

1000404910

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20040831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D001
 Waste Description: IGNITABLE WASTE

Waste Code: F002
 Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH BARNEY A JR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OWNERSTREET
Owner/Operator City,State,Zip:	OWNERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMITH BARNEY A LINCOLN-MERCURY INC (Continued)

1000404910

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, WY 99999
Owner/Operator Telephone: 404-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, WY 99999
Owner/Operator Telephone: 404-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SMITH BARNEY A JR
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OWNERSTREET
Owner/Operator City,State,Zip: OWNERCITY, WY 99999
Owner/Operator Telephone: 404-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19861008
Handler Name: SMITH BARNEY A LINCOLN-MERCURY INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040614
Handler Name: SMITH BARNEY A LINCOLN-MERCURY INC
Federal Waste Generator Description: Not a generator, verified

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMITH BARNEY A LINCOLN-MERCURY INC (Continued)

1000404910

State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110005676321

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000404910
Registry ID: 110005676321
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005676321>
Name: SMITH BARNEY A LINCOLN-MERCURY INC
Address: 4785 RIVERSIDE DR
City,State,Zip: MACON, GA 31210

G28
SW
1/8-1/4
0.187 mi.
989 ft.

SUBARU OF MACON
4781 RIVERSIDE DRIVE
MACON, GA 31210
Site 2 of 7 in cluster G

NPDES S127167091
N/A

Relative:
Lower

NPDES:
Name: SUBARU OF MACON
Address: 4781 RIVERSIDE DRIVE
City,State,Zip: MACON, GA 31210
Notice of Intent Num: GAR148559
Facility Type Desc: Not reported

Actual:
320 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUBARU OF MACON (Continued)

S127167091

Owner: Jackson Family Realestate Holdings,
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2018
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: 12/28/2016
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 10/27/2014
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: Not reported
 Postmarked Date: 11/8/2014
 Issue Date: 9/23/2013
 Permit Status: Terminated
 Total Acres: 3.7
 50 or More Acres Disturbed: N
 Impaired Stream Segments: N
 TMDL Implementation Plans: N
 Common Development Name: NA
 Active or Term: Terminated
 Coverage Status: Noncovered
 Lot Numbers: NA
 NOI Specialist: Jody Sapp
 Area Specialist: Not reported
 Engineer: Elnora Vinson
 Action Status: No Longer In Effect

G29
SW
1/8-1/4
0.187 mi.
989 ft.

JACKSON AUTOMOTIVE GROUP
4781 RIVERSIDE DR.
MACON, GA 31210
Site 3 of 7 in cluster G

US AIRS 1014695610
FINDS N/A
ECHO

Relative:
Lower
Actual:
320 ft.

US AIRS MINOR:
 Envid: 1014695610
 Region Code: 04
 Programmatic ID: AIR GA0000001302100220
 Facility Registry ID: 110043429741
 D and B Number: Not reported
 Primary SIC Code: 7532
 NAICS Code: 999999
 Default Air Classification Code: MIN
 Facility Type of Ownership Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JACKSON AUTOMOTIVE GROUP (Continued)

1014695610

Air CMS Category Code: Not reported
 HPV Status: Not reported

FINDS:

Registry ID: 110043429741

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
 AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1014695610
 Registry ID: 110043429741
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110043429741>
 Name: JACKSON AUTOMOTIVE GROUP
 Address: 4781 RIVERSIDE DR.
 City,State,Zip: MACON, GA 31210

**G30
 SW
 1/8-1/4
 0.187 mi.
 989 ft.**

**JACKSON AUTOMOTIVE GROUP
 4781 RIVERSIDE DR.
 MACON, GA 31210**

**AIRS S121799319
 N/A**

Site 4 of 7 in cluster G

**Relative:
 Lower
 Actual:
 320 ft.**

AIRS:
 Name: JACKSON AUTOMOTIVE GROUP
 Address: 4781 RIVERSIDE DR.
 City,State,Zip: MACON, GA 31210-
 Record Type: Not reported
 State County FIPS: Not reported
 State Facility Id: 2100220
 Facility Registry Id: Not reported
 Facility Category: Not reported
 Oris Facility code: Not reported
 SIC Primary: 7532
 NAICS Primary: Not reported
 Dun&Bradstreet Number: Not reported
 Tri Id number: Not reported
 NTI Site id: Not reported
 Facility County: Not reported
 Site Description: automotive painting and refinishing.
 Submittal Flag: Not reported
 Tribal Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACKSON AUTOMOTIVE GROUP (Continued)

S121799319

AIRS Number:	021-00220
Operational Status:	O
SIC Code:	Not reported
Contact Name:	Rusty Suddeth
Contact Company:	Not reported
Contact Telephone:	478-477-4858
Contact Fax:	Not reported
Contact Email:	N/A
Contact Address:	4781 Riverside Dr.
Contact Address 2:	Not reported
Contact City,St,Zip:	Macon, GA 31210-
Year:	2020
Classification:	B
Contact Type:	Permit Contact
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	32.92232
Longitude:	-83.70905
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACKSON AUTOMOTIVE GROUP (Continued)

S121799319

Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scn Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Emission Release Points:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACKSON AUTOMOTIVE GROUP (Continued)

S121799319

Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Process Annual Throughput:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Transaction Table:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JACKSON AUTOMOTIVE GROUP (Continued)

S121799319

Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported
Transaction Comments:	Not reported
Contact Person name:	Not reported
Contact Phone number:	Not reported
Telephone Number type name:	Not reported
Electronic Address text:	Not reported
Electronic Address type name:	Not reported
Source Type:	Not reported
Affiliation Type:	Not reported
Format Version:	Not reported
Tribal Code:	Not reported

**I31
 WNW
 1/8-1/4
 0.192 mi.
 1014 ft.**

**ROOM TO GO
 5097 RIVERSIDE DRIVE
 MACON, GA 31210
 Site 1 of 7 in cluster I**

**NPDES S127176694
 N/A**

**Relative:
 Higher
 Actual:
 408 ft.**

NPDES:	
Name:	ROOM TO GO
Address:	5097 RIVERSIDE DRIVE
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR154A26
Facility Type Desc:	Not reported
Owner:	Razorbill-MCN Properties, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	07/31/2019
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial,Linear
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Razorbill-MCN Properties, LLC
Postmarked Date:	8/14/2019

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROOM TO GO (Continued)

S127176694

Issue Date: 8/1/2018
 Permit Status: In Effect
 Total Acres: 4
 50 or More Acres Disturbed: N
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported
 Active or Term: Active
 Coverage Status: Covered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: In Effect

I32
WNW
1/8-1/4
0.192 mi.
1014 ft.

ROOM TO GO
5097 RIVERSIDE DRIVE
MACON, GA 31210
Site 2 of 7 in cluster I

FINDS 1025996282
N/A

Relative:
Higher
Actual:
408 ft.

FINDS:
 Registry ID: 110070617937
 Click Here:

Environmental Interest/Information System:
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

I33
WNW
1/8-1/4
0.192 mi.
1014 ft.

ROOMS TO GO
5097 RIVERSIDE DRIVE
MACON, GA 31210
Site 3 of 7 in cluster I

NPDES S127176751
N/A

Relative:
Higher
Actual:
408 ft.

NPDES:
 Name: ROOMS TO GO
 Address: 5097 RIVERSIDE DRIVE
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR154A62
 Facility Type Desc: Not reported
 Owner: Razorbill-MCN
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2023
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: 06/29/2020

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROOMS TO GO (Continued)

S127176751

Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	09/10/2019
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Razorbill-MCN
Postmarked Date:	9/24/2019
Issue Date:	8/1/2018
Permit Status:	Terminated
Total Acres:	4
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Terminated
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

I34
WNW
1/8-1/4
0.192 mi.
1014 ft.

ROOM TO GO
5097 RIVERSIDE DRIVE
MACON, GA 31210
Site 4 of 7 in cluster I

ECHO 1025949252
N/A

Relative:
Higher
Actual:
408 ft.

ECHO:
 Envid: 1025949252
 Registry ID: 110070617937
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070617937>
 Name: ROOM TO GO
 Address: 5097 RIVERSIDE DRIVE
 City,State,Zip: MACON, GA 31210

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

K36 **SPRINGHILL SUITES BY MARRIOTT**
South **4630 SHERATON DRIVE**
1/8-1/4 **MACON, GA**
0.205 mi.
1080 ft. **Site 1 of 3 in cluster K**

NPDES **S127158292**
N/A

Relative:
Lower

NPDES:

Actual:
359 ft.

Name:	SPRINGHILL SUITES BY MARRIOTT
Address:	4630 SHERATON DRIVE
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR112954
Facility Type Desc:	Not reported
Owner:	TRIANGLE HOSPITALITY, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2013
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	07/30/2010
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	Not reported
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	DANNY PATEL
Postmarked Date:	7/2/2008
Issue Date:	8/1/2008
Permit Status:	Terminated
Total Acres:	2.5
50 or More Acres Disturbed:	N/A
Impaired Stream Segments:	N/A
TMDL Implementation Plans:	N/A
Common Development Name:	N/A
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

J37 **MATRESS FIRM- VITAMIN SHOPPE**
West **169 GATEWAY DRIVE**
1/8-1/4 **MACON, GA**
0.205 mi.
1085 ft. **Site 2 of 2 in cluster J**

NPDES **S127163748**
 N/A

Relative:
Higher
Actual:
389 ft.

NPDES:
 Name: MATRESS FIRM- VITAMIN SHOPPE
 Address: 169 GATEWAY DRIVE
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR138027
 Facility Type Desc: Not reported
 Owner: MF Macon, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: NA
 Postmarked Date: 11/2/2012
 Issue Date: 8/1/2008
 Permit Status: Expired
 Total Acres: 1.5
 50 or More Acres Disturbed: N
 Impaired Stream Segments: N
 TMDL Implementation Plans: N
 Common Development Name: NA
 Active or Term: Active
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

K38
South
1/8-1/4
0.217 mi.
1144 ft.

AMERICA'S HOME PLACE
4580 SHERATON DRIVE
MACON, GA

NPDES S127159291
N/A

Site 2 of 3 in cluster K

Relative:
Higher
Actual:
373 ft.

NPDES:
 Name: AMERICA'S HOME PLACE
 Address: 4580 SHERATON DRIVE
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR116916
 Facility Type Desc: Not reported
 Owner: BILL LOVVORN
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: N/A
 Postmarked Date: 7/17/2007
 Issue Date: 8/1/2008
 Permit Status: Expired
 Total Acres: 1.6
 50 or More Acres Disturbed: N/A
 Impaired Stream Segments: N/A
 TMDL Implementation Plans: N/A
 Common Development Name: Not reported
 Active or Term: Active
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

K39
South
1/8-1/4
0.217 mi.
1144 ft.

AMERICA'S HOME PLACE
4580 SHERATON DRIVE
MACON, GA

NPDES S127189262
N/A

Site 3 of 3 in cluster K

Relative:
Higher
Actual:
373 ft.

NPDES:
 Name: AMERICA'S HOME PLACE
 Address: 4580 SHERATON DRIVE
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR306285
 Facility Type Desc: Not reported
 Owner: GREG CANTAGALLO
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: CPD Primary
 Related Primary: Not reported
 Operator: GREG CANTAGALLO
 Postmarked Date: 8/19/2008
 Issue Date: 8/1/2008
 Permit Status: Expired
 Total Acres: 1.6
 50 or More Acres Disturbed: Not reported
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported
 Active or Term: Active
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

H40
SW
1/8-1/4
0.227 mi.
1198 ft.

RIVERSIDE CORNERS
4795 RIVERSIDE DRIVE
MACON, GA
Site 2 of 7 in cluster H

NPDES **S127158473**
N/A

Relative:
Lower
Actual:
346 ft.

NPDES:
 Name: RIVERSIDE CORNERS
 Address: 4795 RIVERSIDE DRIVE
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR113476
 Facility Type Desc: Not reported
 Owner: PERLIS NEASE MACON, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: PERLIS NEASE MACON, LLC
 Postmarked Date: 7/28/2008
 Issue Date: 8/1/2008
 Permit Status: Expired
 Total Acres: 1.36
 50 or More Acres Disturbed: N/A
 Impaired Stream Segments: N/A
 TMDL Implementation Plans: N/A
 Common Development Name: Not reported
 Active or Term: Active
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

I41
WNW
1/8-1/4
0.230 mi.
1214 ft.

ASHLEYS MACON
5101 RIVERSIDE DR.
MACON, GA 31210
Site 5 of 7 in cluster I

NPDES S127179314
N/A

Relative:
Higher

Actual:
400 ft.

NPDES:
 Name: ASHLEYS MACON
 Address: 5101 RIVERSIDE DR.
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR188BFB
 Facility Type Desc: Not reported
 Owner: Chad Fitzgerald
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2023
 Permit Action Status: In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 11/18/2020
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: Chad Fitzgerald
 Postmarked Date: 12/2/2020
 Issue Date: 8/1/2018
 Permit Status: In Effect
 Total Acres: 6.5
 50 or More Acres Disturbed: N
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported
 Active or Term: Active
 Coverage Status: Covered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: In Effect

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

I42
WNW
1/8-1/4
0.230 mi.
1214 ft.

ASHLEYS MACON
5101 RIVERSIDE DR.
MACON, GA 31210

Site 6 of 7 in cluster I

ECHO **1026664434**
N/A

Relative: ECHO:
Higher Envid: 1026664434
Registry ID: 110070874318
Actual: DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070874318>
400 ft. Name: ASHLEYS MACON
Address: 5101 RIVERSIDE DR.
City,State,Zip: MACON, GA 31210

I43
WNW
1/8-1/4
0.230 mi.
1214 ft.

ASHLEYS MACON
5101 RIVERSIDE DR.
MACON, GA 31210

Site 7 of 7 in cluster I

FINDS **1026698575**
N/A

Relative: FINDS:
Higher Registry ID: 110070874318
Actual: Click Here:
400 ft.

Environmental Interest/Information System:
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

L44
South
1/8-1/4
0.234 mi.
1235 ft.

4540 SHERATON DR, MACON, GA 31210
4540 SHERATON DR, MACON, GA 31210
BIBB (County), GA

Site 1 of 3 in cluster L

SPILLS **S119963096**
N/A

Relative: SPILLS:
Lower Name: 4540 SHERATON DR, MACON, GA 31210
Address: 4540 SHERATON DR, MACON, GA 31210
Actual: City,State,Zip: GA
362 ft. CTS Number: Not reported
Spill Number: Not reported
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: Not reported
Spill Time: Not reported
Incident Type: Not reported
Material Involved: Not reported
Quantity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

4540 SHERATON DR, MACON, GA 31210 (Continued)

S119963096

Phase:	Not reported
Radioactive:	Not reported
Material 2:	Not reported
Quantity 2:	Not reported
Phase 2:	Not reported
Radioactive 2:	Not reported
Waterway Impctd:	Not reported
Evacuation:	Not reported
Caller:	Anonymous
Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	Water Quality Control
Associate Name:	Not reported
Investigation Date:	Not reported
Resolved:	Not reported
Closure Date:	01/05/2015
Ten Days Follow Up:	Not reported
Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	75458
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	12/05/2014
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	4540 Sheraton Dr, Macon, GA 31210
Comments 4:	Not reported
Source:	4540 Sheraton Dr, Macon, GA 31210
Comments 5:	Not reported
Details:	Goome Transportation is washing their vehicles in the parking lot

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

4540 SHERATON DR, MACON, GA 31210 (Continued)

S119963096

and allowing the water to be discharged to the storm drain.

Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	4540 Sheraton Dr
Source Address 2:	Not reported
Source City:	Macon
Source State:	Georgia
Source Zip:	31210
Direction:	I-75N to Riverside Drive, take right and then an immediate right onto Sheraton Drive. Facility will be in the right about 1/2 mile.
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Georgia
Caller Zip:	Not reported
Comp City:	Macon
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	12/05/2014
Assign Date:	12/10/2014
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Groome Transportation
Active:	Not reported
Facility ID:	NA
Approved Date:	Not reported
Facility Status:	Not reported
Spill Action:	
Complaint Code:	75458
Code Desc:	Initial Investigation
Event Date:	12/11/2014
Comments:	I called and left a message for Mr. David Fortson (City of Macon - Stormwater Department).
Investigator:	jsapp
Entry Date:	12/11/2014
Complaint Code:	75458
Code Desc:	Initial Investigation
Event Date:	12/11/2014
Comments:	I spoke with Mr. Fortson and informed him about the complaint.- He stated he would look into the issue and update EPD on his findings.-
Investigator:	jsapp
Entry Date:	12/11/2014
Complaint Code:	75458
Code Desc:	Other
Event Date:	12/22/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

4540 SHERATON DR, MACON, GA 31210 (Continued)

S119963096

Comments: I spoke with Mr. Fortson and he stated the City is working to address the complaint. NFA

Investigator: jsapp
Entry Date: 12/22/2014

Name: GROOME TRANSPORTATION
Address: 4540 SHERATON DR. MACON, GA 31210
City,State,Zip: GA
CTS Number: Not reported
Spill Number: Not reported
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: Not reported
Spill Time: Not reported
Incident Type: Not reported
Material Involved: Not reported
Quantity: Not reported
Phase: Not reported
Radioactive: Not reported
Material 2: Not reported
Quantity 2: Not reported
Phase 2: Not reported
Radioactive 2: Not reported
Waterway Impctd: Not reported
Evacuation: Not reported
Caller: Anonymous
Organization: Not reported
Org Phone: Not reported
Primary Concern: Water Quality Control
Associate Name: Not reported
Investigation Date: Not reported
Resolved: Not reported
Closure Date: 05/07/2015
Ten Days Follow Up: Not reported
Transferred Record: Not reported
Fire: Not reported
Police: Not reported
Sheriff: Not reported
GSP: Not reported
Medical: Not reported
EPA: Not reported
USCG: Not reported
EMA: Not reported
DRN: Not reported
DOT: Not reported
Responsible Prty: Not reported
RP Contact: Not reported
RP Address: Not reported
RP Phone: Not reported
RP City: Not reported
Action Code: Not reported
Action: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

4540 SHERATON DR, MACON, GA 31210 (Continued)

S119963096

Investigator: Not reported
EOC Operator: Not reported
Time EOC Notifd: Not reported
Time Dispatched: Not reported
Complaint Code: 76603
Complaint ID: Not reported
Cmplaint Referred: Not reported
Report Sum: Not reported
At: Not reported
DDO: Not reported
Date Recieved: 04/28/2015
Comments: Not reported
Comments 1: Not reported
Referred: Not reported
Comments 2: Not reported
Substance: Not reported
Comments 3: Not reported
Location: 4540 Sheraton Dr. Macon, GA 31210
Comments 4: Not reported
Source: Groome Transportation
Comments 5: Not reported
Details: Washing 30 to 60 vehicles a day and allowing the wastewater to be discharged into the storm drain.

Additional Info: Not reported
Comments 6: Not reported
Comments 7: Not reported
Incident: Not reported
Primary Concern 1 Description: Not reported
Primary Concern 2: Not reported
Primary Concern 2 Description: Not reported
Source Address 1: 4540 Sheraton Dr, Macon
Source Address 2: Not reported
Source City: Macon
Source State: Georgia
Source Zip: 31210
Direction: From office take I-75 north and take exit 170? (Riverside Drive). Take immediate right onto Sheraton Drive. Facility will be on right about 1/2/ mile.

Caller Address 1: Not reported
Caller Address 2: Not reported
Caller City: Not reported
Caller State: Georgia
Caller Zip: Not reported
Comp City: Macon
Branch: Not reported
BDesc: Not reported
Program: Not reported
Prog Desc: Not reported
Accept Date: 04/28/2015
Assign Date: 04/30/2015
FUI Need: Not reported
Refer 2: Not reported
Contact: Not reported
Active: Not reported
Facility ID: NA
Approved Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

4540 SHERATON DR, MACON, GA 31210 (Continued)

S119963096

Facility Status: Not reported

Spill Action:

Complaint Code: 76603

Code Desc: Referred To

Event Date: 04/30/2015

Comments: I called and spoke with Mr David Fortson- (Macon-Biib County Engineering) and Keith Braswell (Macon-Biib County Engineering) about the complaint.- Mr. Fortson informed me that Mr. Braswell conducted an investigation into the issue and documented that the facility was discharging wastewater from vehicle washing into the storm water drainage system.- He stated they would address the issue with the facility. NFA

Investigator: jsapp

Entry Date: 04/30/2015

L45
South
1/8-1/4
0.234 mi.
1235 ft.

GROOME TRANSPORTATION
4540 SHERATON DR
MACON, GA
Site 2 of 3 in cluster L

UST **U003920842**
AST **N/A**
Financial Assurance

Relative:
Lower
Actual:
362 ft.

UST:

Name: GROOME TRANSPORTATION

Address: 4540 SHERATON DR

City,State,Zip: MACON, GA

Contact:

LEMIR ID: 161024

Facility ID: 10000307

Facility Status: Active

Location Status: Active

Contact First Name: Jared

Contact Last Name: Churchill

Contact Email: jchurchill@groometrans.com

Company Name: Groome Transportation of Georgia

Mailing Address: 2289 Dabney Road

Mailing City: Richmond

Mailing State: VA

Mailing Zip: 23230

Start Date: Not reported

End Date: Not reported

Contact Telephone: 804 2227227

LEMIR ID: 161024

Facility ID: 10000307

Facility Status: Active

Location Status: Active

Contact First Name: Judy

Contact Last Name: Bristow

Contact Email: jbristow@groometrans.com

Company Name: Groome Transportation

Mailing Address: 2289 Dabney Road

Mailing City: RICHMOND

Mailing State: VA

Mailing Zip: 23230

Start Date: 2018-12-26 13:44:45

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GROOME TRANSPORTATION (Continued)

U003920842

End Date: Not reported
Contact Telephone: 804 3860498

Tank Info:

Tankid: 1
Name: GROOME TRANSPORTATION
Address: 4540 SHERATON DR
Tank Status: Currently in Use
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 04/01/2002
Facility ID: 10000307
Status Date: Not reported
Product: Regular
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 04/01/2002
Tank Exempt From Spill: 0
Date Spill Device Installed: 04/01/2002

AST:

Name: GROOM TRANSPORTATION
Address: 4540 SHERATON DRIVE
City,State,Zip: MACON, GA 31210
Owner Name: Vince Groome
Owner Address: 3096 Riverside Drive
Owner City/State/Zip: Macon GA 31210
Number Of Tanks: 1
Tank Capacity: 0
File No: Not reported

GA Financial Assurance 1:

Name: GROOME TRANSPORTATION
Address: 4540 SHERATON DR
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 10000307
Financial Responsibility: G.U.S.T. Trust Fund
Location Start Date: 03/19/2003
Location End Date: Not reported
Location Status: Active
Location Type: Truck/Transport
Facility Status: ACTIVE

Name: Not reported
Address: 4540 SHERATON DR
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: Not reported
Financial Responsibility: Not reported
Location Start Date: Not reported
Location End Date: Not reported
Location Status: Close

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GROOME TRANSPORTATION (Continued)

U003920842

Location Type: Not reported
Facility Status: INACTIVE

Name: Not reported
Address: 4540 SHERATON DR
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: Not reported
Financial Responsibility: Not reported
Location Start Date: Not reported
Location End Date: Not reported
Location Status: Close
Location Type: Not reported
Facility Status: INACTIVE

L46
South
1/8-1/4
0.234 mi.
1235 ft.

GROOME TRANSPORTATION
4540 SHERATON DR
MACON, GA 31210
Site 3 of 3 in cluster L

FINDS 1007452322
N/A

Relative:
Lower

Actual:
362 ft.

FINDS:
Registry ID: 110017745653

Click Here:

Environmental Interest/Information System:
GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

H47
SW
1/4-1/2
0.257 mi.
1356 ft.

RIVERSIDE BP
4765 RIVERSIDE DRIVE
MACON, GA 31220
Site 3 of 7 in cluster H

AST A100327977
N/A

Relative:
Lower

Actual:
343 ft.

AST:
Name: JET FOODS #92
Address: 4765 RIVERSIDE DRIVE
City,State,Zip: MACON, GA 31202
Owner Name: Jet Foods
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-123

Name: RIVERSIDE BP
Address: 4765 RIVERSIDE DRIVE
City,State,Zip: MACON, GA 31220
Owner Name: Modern Gas
Owner Address: Not reported
Owner City/State/Zip: GA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE BP (Continued)

A100327977

Number Of Tanks: 24
Tank Capacity: 0
File No: Not reported

**H48
SW
1/4-1/2
0.257 mi.
1356 ft.**

**ALWAYS OPEN FOUR C
4765 RIVERSIDE DRIVE
MACON, GA
Site 4 of 7 in cluster H**

**UST U003763177
Financial Assurance N/A**

**Relative:
Lower
Actual:
343 ft.**

UST:
Name: ALWAYS OPEN FOUR C
Address: 4765 RIVERSIDE DRIVE
City,State,Zip: MACON, GA
Contact:
LEMIR ID: 152080
Facility ID: 9011204
Facility Status: Active
Location Status: Active
Contact First Name: Richard
Contact Last Name: Dailey
Contact Email: richardd@jetfoodstores.com
Company Name: Jet Food Stores of Georgia
Mailing Address: 1106 S Harris St
Mailing City: Sandersville
Mailing State: GA
Mailing Zip: 31082
Start Date: Not reported
End Date: Not reported
Contact Telephone: 478 5522588

Tank Info:
Tankid: 1
Name: ALWAYS OPEN FOUR C
Address: 4765 RIVERSIDE DRIVE
Tank Status: Currently in Use
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 05/15/1999
Facility ID: 9011204
Status Date: Not reported
Product: E-10
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 05/15/1999
Tank Exempt From Spill: 0
Date Spill Device Installed: 05/15/1999

Tankid: 2
Name: ALWAYS OPEN FOUR C
Address: 4765 RIVERSIDE DRIVE
Tank Status: Currently in Use
City: MACON
Tank Material: Composite
Pipe Type: Pressurized

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALWAYS OPEN FOUR C (Continued)

U003763177

Overfill Type: Flapper Valve
Install Date: 05/15/1999
Facility ID: 9011204
Status Date: Not reported
Product: Premium
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 05/15/1999
Tank Exempt From Spill: 0
Date Spill Device Installed: 05/15/1999

Tankid: 3
Name: ALWAYS OPEN FOUR C
Address: 4765 RIVERSIDE DRIVE
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 10/01/2009
Facility ID: 9011204
Status Date: Not reported
Product: Diesel
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 10/01/2009
Tank Exempt From Spill: 0
Date Spill Device Installed: 10/01/2009

GA Financial Assurance 1:

Name: ALWAYS OPEN FOUR C
Address: 4765 RIVERSIDE DRIVE
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 9011204
Financial Responsibility: G.U.S.T. Trust Fund
Location Start Date: 04/21/2000
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

H49
SW
1/4-1/2
0.257 mi.
1356 ft.

ALWAYS OPEN FOUR C
4765 RIVERSIDE DRIVE
MACON, GA 31210
Site 5 of 7 in cluster H

FINDS 1006777985
N/A

Relative:
Lower
Actual:
343 ft.

FINDS:
Registry ID: 110013473142

Click Here:

Environmental Interest/Information System:

GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALWAYS OPEN FOUR C (Continued)

1006777985

single system for the reporting of all environmental data.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

H50
SW
1/4-1/2
0.257 mi.
1357 ft.

NEW INFINITY DEALERSHIP
4763 RIVERSIDE DRIVE
MACON, GA 31210

FINDS 1023660011
ECHO N/A

Site 6 of 7 in cluster H

Relative:
Lower

FINDS:
Registry ID: 110070074122

Actual:
342 ft.

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1023660011
Registry ID: 110070074122
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070074122>
Name: NEW INFINITY DEALERSHIP
Address: 4763 RIVERSIDE DRIVE
City,State,Zip: MACON, GA 31210

M51
NW
1/4-1/2
0.265 mi.
1400 ft.

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COM
5676 ARKWRIGHT RD.
MACON, GA 31210

FINDS 1008235467
AIRS N/A

Site 1 of 15 in cluster M

Relative:
Higher

FINDS:
Registry ID: 110021280852

Actual:
407 ft.

Click Here:

Environmental Interest/Information System:

AIR EMISSIONS CLASSIFICATION UNKNOWN

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AIRS:

Name: SOUTHERN NATURAL GAS CO. OCMULGEE COMPRESSOR STATION
Address: 5676 ARKWRIGHT RD.
City,State,Zip: MACON, GA 31210
Record Type: SI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

State County FIPS:	13021
State Facility Id:	02100021
Facility Registry Id:	Not reported
Facility Category:	Not reported
Oris Facility code:	Not reported
SIC Primary:	4922
NAICS Primary:	22133
Dun&Bradstreet Number:	Not reported
Tri Id number:	Not reported
NTI Site id:	Not reported
Facility County:	Not reported
Site Description:	N/A
Submittal Flag:	N/A
Tribal Code:	000
AIRS Number:	Not reported
Operational Status:	Not reported
SIC Code:	Not reported
Contact Name:	Not reported
Contact Company:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Address:	Not reported
Contact City,St,Zip:	Not reported
Year:	04
Classification:	Not reported
Contact Type:	Not reported
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Effiniency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Process Id: P001
Pollutant Code: CO
Emission Release Point ID: C03S
Start Date: 20080101
End Date: 20081231
Start Time: Not reported
End Time: Not reported
Emission Numeric Value: 3.1600000000000001
Emission Unit Numerator: TON
Emission Type: 30
Em Reliability Indicator: Not reported
Factor Numeric Value: 0.89999998
Factor Unit Numerator: G
Factor Unit Denominator: HP-HR
Material: Not reported
Material Io: Not reported
Emission Calculation Method Code: 10
Ef Reliability Indicator: Not reported
Rule Effectiveness: 0.89999998
Rule Effectiveness Method: 01
Hap Emissions Performance Level: 01
Control Status: UNCONTROLLED
Emission Data Level: PROCESS
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EM
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C004
Process Id: P001
Pollutant Code: CO
Emission Release Point ID: C04S
Start Date: 20080101
End Date: 20081231
Start Time: Not reported
End Time: Not reported
Emission Numeric Value: 4.7800000000000002
Emission Unit Numerator: TON
Emission Type: 30
Em Reliability Indicator: Not reported
Factor Numeric Value: 0.89999998
Factor Unit Numerator: G
Factor Unit Denominator: HP-HR
Material: Not reported
Material Io: Not reported
Emission Calculation Method Code: 10
Ef Reliability Indicator: Not reported
Rule Effectiveness: 0.89999998
Rule Effectiveness Method: 01
Hap Emissions Performance Level: 01
Control Status: UNCONTROLLED
Emission Data Level: PROCESS
Submittal Flag: A
Tribal Code: 000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003
Process Id:	P001
Pollutant Code:	VOC
Emission Release Point ID:	C03S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	2.29
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.653
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C001
Process Id:	P001
Pollutant Code:	VOC
Emission Release Point ID:	C01S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	2.1400000000000001
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.653
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003
Process Id:	P001
Pollutant Code:	NOX
Emission Release Point ID:	C03S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	45.289999999999999
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	12.91
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	10
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C002
Process Id:	P001
Pollutant Code:	VOC
Emission Release Point ID:	C02S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	2.2400000000000002
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.653
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C004
Process Id:	P001
Pollutant Code:	PM25-PRI
Emission Release Point ID:	C04S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	1.3999999999999999
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.25999999
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C001
Process Id:	P001
Pollutant Code:	SO2
Emission Release Point ID:	C01S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	8.9999999999999993E-3
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Factor Numeric Value:	0.60000002
Factor Unit Numerator:	LB
Factor Unit Denominator:	E6FT3S
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C005
Process Id:	P001
Pollutant Code:	VOC
Emission Release Point ID:	C05S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	7.5300000000000002
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.653
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003
Process Id:	P001
Pollutant Code:	SO2
Emission Release Point ID:	C03S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

End Time:	Not reported
Emission Numeric Value:	8.999999999999993E-3
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.60000002
Factor Unit Numerator:	LB
Factor Unit Denominator:	E6FT3S
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000

[Click this hyperlink](#) while viewing on your computer to access additional GA_AIRS_EM: detail in the EDR Site Report.

Airs EP:

Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C004
Emission Release Point ID:	C04S
Process ID:	P001
Scn Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	17
Spring Throughput Pct:	19
Summer Throughput Pct:	32
Fall Throughput Pct:	32
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	11
Annual Average Hours Per Year:	4196
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000

Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C001
Emission Release Point ID:	C01S
Process ID:	P001
Scn Number:	20200252

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	38
Spring Throughput Pct:	5
Summer Throughput Pct:	26
Fall Throughput Pct:	31
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	7
Annual Average Hours Per Year:	2486
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C005
Emission Release Point ID:	C05S
Process ID:	P001
Scn Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	25
Spring Throughput Pct:	20
Summer Throughput Pct:	28
Fall Throughput Pct:	27
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	17
Annual Average Hours Per Year:	6167
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003
Emission Release Point ID:	C03S
Process ID:	P001
Scn Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	30
Spring Throughput Pct:	26
Summer Throughput Pct:	34
Fall Throughput Pct:	10
Annual Average Days Per Week:	7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	7
Annual Average Hours Per Year:	2746
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C006
Emission Release Point ID:	C06S
Process ID:	P001
Scs Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	26
Spring Throughput Pct:	19
Summer Throughput Pct:	27
Fall Throughput Pct:	28
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	18
Annual Average Hours Per Year:	6537
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C002
Emission Release Point ID:	C02S
Process ID:	P001
Scs Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	41
Spring Throughput Pct:	18
Summer Throughput Pct:	28
Fall Throughput Pct:	13
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	7
Annual Average Hours Per Year:	2633
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Submittal Flag:	A
Tribal Code:	000
Year:	04
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C001
Emission Release Point ID:	S001
Process ID:	1
Scn Number:	20200252
Process Mact Code:	N/A
Emission Process Description:	N/A
Winter Throughput Pct:	32
Spring Throughput Pct:	47
Summer Throughput Pct:	15
Fall Throughput Pct:	6
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	24
Annual Average Hours Per Year:	8736
Heat Content:	1000
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	N/A
Submittal Flag:	N/A
Tribal Code:	000
Year:	04
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C005
Emission Release Point ID:	S005
Process ID:	1
Scn Number:	20200252
Process Mact Code:	N/A
Emission Process Description:	N/A
Winter Throughput Pct:	29
Spring Throughput Pct:	30
Summer Throughput Pct:	26
Fall Throughput Pct:	15
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	24
Annual Average Hours Per Year:	8736
Heat Content:	1000
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	N/A
Submittal Flag:	N/A
Tribal Code:	000
Year:	04
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Emission Unit ID: C003
Emission Release Point ID: S003
Process ID: 1
Scc Number: 20200252
Process Mact Code: N/A
Emission Process Description: N/A
Winter Throughput Pct: 36
Spring Throughput Pct: 18
Summer Throughput Pct: 34
Fall Throughput Pct: 12
Annual Average Days Per Week: 7
Annual Average Weeks Per Year: 52
Annual Average Hours Per Day: 24
Annual Average Hours Per Year: 8736
Heat Content: 1000
Sulfur Content: 0
Ash Content: 0
Process Mact compliance Status: N/A
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: EP
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C004
Emission Release Point ID: S004
Process ID: 1
Scc Number: 20200252
Process Mact Code: N/A
Emission Process Description: N/A
Winter Throughput Pct: 39
Spring Throughput Pct: 26
Summer Throughput Pct: 20
Fall Throughput Pct: 15
Annual Average Days Per Week: 7
Annual Average Weeks Per Year: 52
Annual Average Hours Per Day: 24
Annual Average Hours Per Year: 8736
Heat Content: 1000
Sulfur Content: 0
Ash Content: 0
Process Mact compliance Status: N/A
Submittal Flag: N/A
Tribal Code: 000

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Emission Release Points:

Year: 08
Record Type: ER
State County Fips: 13021
State Facility Identifier: 02100021
Emission Release Point ID: C05S
Emission Release Point Type: 02
Stack Height: 32

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	63.200001
Exit Gas Flowrate:	111.68
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 5 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	08
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	C02S
Emission Release Point Type:	02
Stack Height:	32
Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	52.599998
Exit Gas Flowrate:	92.949997
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 2 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	08
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	C01S
Emission Release Point Type:	02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Stack Height:	32
Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	52.599998
Exit Gas Flowrate:	92.949997
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 1 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	08
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	C04S
Emission Release Point Type:	02
Stack Height:	32
Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	52.599998
Exit Gas Flowrate:	92.949997
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 4 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	08
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	C03S

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Emission Release Point Type:	02
Stack Height:	32
Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	52.599998
Exit Gas Flowrate:	92.949997
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 3 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	08
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	C06S
Emission Release Point Type:	02
Stack Height:	32
Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	63.200001
Exit Gas Flowrate:	111.68
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 6 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	04
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Emission Release Point ID: S004
Emission Release Point Type: 02
Stack Height: 32.099998
Stack Diameter: 1.17
Stack Fenceline Distance: 0
Exit Gas Temperature: 582
Exit Gas Velocity: 220.86
Exit Gas Flowrate: 236.10001
X Coordinate: -83.714169999999996
Y Coordinate: 32.9375
Utm Zone: 0
X Y coordinate Type: LATLON
Horizontal Area Fugitive: 0
Release Height Fugitive: 0
Fugitive Dimensions Unit: N/A
Emission Release Point Description: N/A
Submittal Flag: N/A
Horizontal Collection method Code: 027
Horizontal Accuracy Measure: 13
Horizontal Reference datum Code: 003
Reference Point Code: 106
Source Map scale Number: N/A
Coordinate Data source Code: N/A
Tribal Code: 000

Year: 04
Record Type: ER
State County Fips: 13021
State Facility Identifier: 02100021
Emission Release Point ID: S002
Emission Release Point Type: 02
Stack Height: 32.099998
Stack Diameter: 1.17
Stack Fenceline Distance: 0
Exit Gas Temperature: 582
Exit Gas Velocity: 220.86
Exit Gas Flowrate: 236.10001
X Coordinate: -83.714169999999996
Y Coordinate: 32.9375
Utm Zone: 0
X Y coordinate Type: LATLON
Horizontal Area Fugitive: 0
Release Height Fugitive: 0
Fugitive Dimensions Unit: N/A
Emission Release Point Description: N/A
Submittal Flag: N/A
Horizontal Collection method Code: 027
Horizontal Accuracy Measure: 13
Horizontal Reference datum Code: 003
Reference Point Code: 106
Source Map scale Number: N/A
Coordinate Data source Code: N/A
Tribal Code: 000

Year: 04
Record Type: ER
State County Fips: 13021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

State Facility Identifier:	02100021
Emission Release Point ID:	S003
Emission Release Point Type:	02
Stack Height:	32.099998
Stack Diameter:	1.17
Stack Fenceline Distance:	0
Exit Gas Temperature:	582
Exit Gas Velocity:	220.86
Exit Gas Flowrate:	236.10001
X Coordinate:	-83.714169999999996
Y Coordinate:	32.9375
Utm Zone:	0
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	0
Release Height Fugitive:	0
Fugitive Dimensions Unit:	N/A
Emission Release Point Description:	N/A
Submittal Flag:	N/A
Horizontal Collection method Code:	027
Horizontal Accuracy Measure:	13
Horizontal Reference datum Code:	003
Reference Point Code:	106
Source Map scale Number:	N/A
Coordinate Data source Code:	N/A
Tribal Code:	000
Year:	04
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	S006
Emission Release Point Type:	02
Stack Height:	29
Stack Diameter:	1.67
Stack Fenceline Distance:	0
Exit Gas Temperature:	582
Exit Gas Velocity:	124.19
Exit Gas Flowrate:	271.88751
X Coordinate:	-83.714169999999996
Y Coordinate:	32.9375
Utm Zone:	0
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	0
Release Height Fugitive:	0
Fugitive Dimensions Unit:	N/A
Emission Release Point Description:	N/A
Submittal Flag:	N/A
Horizontal Collection method Code:	027
Horizontal Accuracy Measure:	13
Horizontal Reference datum Code:	003
Reference Point Code:	106
Source Map scale Number:	N/A
Coordinate Data source Code:	N/A
Tribal Code:	000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

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Airs EU:

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C003
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 15
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 3
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C004
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 15
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 4
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C006
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 18.5
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 6
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 15
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 2
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C001
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 15
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 1
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C005
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 18.5
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 5
Submittal Flag: A
Tribal Code: 000

Year: 04
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C003
Oris Boiler ID: Not reported
Sic Unit Level: 4922
Naics Unit Level: 48621
Design Capacity: 11
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: 4
Emission Unit Description: N/A
Submittal Flag: N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Tribal Code: 000

Year: 04
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C005
Oris Boiler ID: Not reported
Sic Unit Level: 4922
Naics Unit Level: 48621
Design Capacity: 11
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: 5
Emission Unit Description: N/A
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C004
Oris Boiler ID: Not reported
Sic Unit Level: 4922
Naics Unit Level: 48621
Design Capacity: 11
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: 4
Emission Unit Description: N/A
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C002
Oris Boiler ID: Not reported
Sic Unit Level: 4922
Naics Unit Level: 48621
Design Capacity: 11
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: 4
Emission Unit Description: N/A
Submittal Flag: N/A
Tribal Code: 000

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Process Annual Throughput:
Year: 08
Record Type: PE
State County fips: 13021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

State Facility identifier: 02100021
Emission Unit id: C002
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 32.41
Throughput Unit numerator: E6FT3S
Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C004
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 47.540001
Throughput Unit numerator: E6FT3S
Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C005
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 85.620003
Throughput Unit numerator: E6FT3S
Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	PE
State County fips:	13021
State Facility identifier:	02100021
Emission Unit id:	C003
Process ID:	P001
Start Date:	20080101
End Date:	20081231
Start Time:	0
End Time:	Not reported
Actual Throughput:	30.280001
Throughput Unit numerator:	E6FT3S
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	PE
State County fips:	13021
State Facility identifier:	02100021
Emission Unit id:	C006
Process ID:	P001
Start Date:	20080101
End Date:	20081231
Start Time:	0
End Time:	Not reported
Actual Throughput:	94.279999
Throughput Unit numerator:	E6FT3S
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	PE
State County fips:	13021
State Facility identifier:	02100021
Emission Unit id:	C001
Process ID:	P001
Start Date:	20080101
End Date:	20081231
Start Time:	0
End Time:	Not reported
Actual Throughput:	28.290001
Throughput Unit numerator:	E6FT3S

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C002
Process ID: 1
Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 28.1
Throughput Unit numerator: E6FT3
Material: 0
Material lo: N/A
Period Days per week: 0
Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C004
Process ID: 1
Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 52.099998
Throughput Unit numerator: E6FT3
Material: 0
Material lo: N/A
Period Days per week: 0
Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C006
Process ID: 1

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 91.699997
Throughput Unit numerator: E6FT3
Material: 0
Material lo: N/A
Period Days per week: 0
Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C005
Process ID: 1
Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 86.900002
Throughput Unit numerator: E6FT3
Material: 0
Material lo: N/A
Period Days per week: 0
Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A
Tribal Code: 000

[Click this hyperlink](#) while viewing on your computer to access additional GA_AIRS_PE: detail in the EDR Site Report.

Transaction Table:

Year: 08
Record Type: TR
State County fips: 13153
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us
Electronic Address type name: Email
Source Type: POINT

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13229
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13003
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13215
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A

Map ID
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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13255
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13081
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13115
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13211
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13195
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Year: 08
Record Type: TR
State County fips: 13247
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us
Electronic Address type name: Email
Source Type: POINT
Affiliation Type: Report Certifier
Format Version: 3.0999999
Tribal Code: 000

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Name: SOUTHERN NATURAL GAS CO. OCMULGEE COMPRESSOR STATION
Address: 5676 ARKWRIGHT RD.
City,State,Zip: MACON, GA 31210
Record Type: SI
State County FIPS: 13021
State Facility Id: 02100021
Facility Registry Id: Not reported
Facility Category: Not reported
Oris Facility code: Not reported
SIC Primary: 4922
NAICS Primary: 48621
Dun&Bradstreet Number: Not reported
Tri Id number: Not reported
NTI Site id: Not reported
Facility County: Not reported
Site Description: Not reported
Submittal Flag: Not reported
Tribal Code: 000
AIRS Number: Not reported
Operational Status: Not reported
SIC Code: Not reported
Contact Name: Not reported
Contact Company: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Address: Not reported
Contact City,St,Zip: Not reported
Year: 02
Classification: Not reported
Contact Type: Not reported
Permit Number: Not reported

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Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Issued Date:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003
Process Id:	P001
Pollutant Code:	CO
Emission Release Point ID:	C03S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	3.1600000000000001
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.89999998
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	10
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C004
Process Id:	P001
Pollutant Code:	CO
Emission Release Point ID:	C04S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	4.7800000000000002
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.89999998
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	10
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003
Process Id:	P001
Pollutant Code:	VOC
Emission Release Point ID:	C03S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	2.29
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.653
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS

Map ID
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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C001
Process Id:	P001
Pollutant Code:	VOC
Emission Release Point ID:	C01S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	2.1400000000000001
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.653
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003
Process Id:	P001
Pollutant Code:	NOX
Emission Release Point ID:	C03S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	45.289999999999999
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	12.91
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	10
Ef Reliability Indicator:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C002
Process Id:	P001
Pollutant Code:	VOC
Emission Release Point ID:	C02S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	2.2400000000000002
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.653
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C004
Process Id:	P001
Pollutant Code:	PM25-PRI
Emission Release Point ID:	C04S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	1.3999999999999999
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.25999999
Factor Unit Numerator:	G

Map ID
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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C001
Process Id:	P001
Pollutant Code:	SO2
Emission Release Point ID:	C01S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	8.9999999999999993E-3
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.60000002
Factor Unit Numerator:	LB
Factor Unit Denominator:	E6FT3S
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C005
Process Id:	P001
Pollutant Code:	VOC
Emission Release Point ID:	C05S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	7.5300000000000002

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.653
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003
Process Id:	P001
Pollutant Code:	SO2
Emission Release Point ID:	C03S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	8.9999999999999993E-3
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.60000002
Factor Unit Numerator:	LB
Factor Unit Denominator:	E6FT3S
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000

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Airs EP:	
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021

Map ID
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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Emission Unit ID:	C004
Emission Release Point ID:	C04S
Process ID:	P001
Scs Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	17
Spring Throughput Pct:	19
Summer Throughput Pct:	32
Fall Throughput Pct:	32
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	11
Annual Average Hours Per Year:	4196
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C001
Emission Release Point ID:	C01S
Process ID:	P001
Scs Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	38
Spring Throughput Pct:	5
Summer Throughput Pct:	26
Fall Throughput Pct:	31
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	7
Annual Average Hours Per Year:	2486
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C005
Emission Release Point ID:	C05S
Process ID:	P001
Scs Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	25

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Spring Throughput Pct:	20
Summer Throughput Pct:	28
Fall Throughput Pct:	27
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	17
Annual Average Hours Per Year:	6167
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003
Emission Release Point ID:	C03S
Process ID:	P001
Scn Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	30
Spring Throughput Pct:	26
Summer Throughput Pct:	34
Fall Throughput Pct:	10
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	7
Annual Average Hours Per Year:	2746
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C006
Emission Release Point ID:	C06S
Process ID:	P001
Scn Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	26
Spring Throughput Pct:	19
Summer Throughput Pct:	27
Fall Throughput Pct:	28
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	18
Annual Average Hours Per Year:	6537

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C002
Emission Release Point ID:	C02S
Process ID:	P001
Scs Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	41
Spring Throughput Pct:	18
Summer Throughput Pct:	28
Fall Throughput Pct:	13
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	7
Annual Average Hours Per Year:	2633
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	04
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C001
Emission Release Point ID:	S001
Process ID:	1
Scs Number:	20200252
Process Mact Code:	N/A
Emission Process Description:	N/A
Winter Throughput Pct:	32
Spring Throughput Pct:	47
Summer Throughput Pct:	15
Fall Throughput Pct:	6
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	24
Annual Average Hours Per Year:	8736
Heat Content:	1000
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	N/A
Submittal Flag:	N/A
Tribal Code:	000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Year: 04
Record Type: EP
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C005
Emission Release Point ID: S005
Process ID: 1
Scs Number: 20200252
Process Mact Code: N/A
Emission Process Description: N/A
Winter Throughput Pct: 29
Spring Throughput Pct: 30
Summer Throughput Pct: 26
Fall Throughput Pct: 15
Annual Average Days Per Week: 7
Annual Average Weeks Per Year: 52
Annual Average Hours Per Day: 24
Annual Average Hours Per Year: 8736
Heat Content: 1000
Sulfur Content: 0
Ash Content: 0
Process Mact compliance Status: N/A
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: EP
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C003
Emission Release Point ID: S003
Process ID: 1
Scs Number: 20200252
Process Mact Code: N/A
Emission Process Description: N/A
Winter Throughput Pct: 36
Spring Throughput Pct: 18
Summer Throughput Pct: 34
Fall Throughput Pct: 12
Annual Average Days Per Week: 7
Annual Average Weeks Per Year: 52
Annual Average Hours Per Day: 24
Annual Average Hours Per Year: 8736
Heat Content: 1000
Sulfur Content: 0
Ash Content: 0
Process Mact compliance Status: N/A
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: EP
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C004
Emission Release Point ID: S004
Process ID: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Scn Number: 20200252
Process Mact Code: N/A
Emission Process Description: N/A
Winter Throughput Pct: 39
Spring Throughput Pct: 26
Summer Throughput Pct: 20
Fall Throughput Pct: 15
Annual Average Days Per Week: 7
Annual Average Weeks Per Year: 52
Annual Average Hours Per Day: 24
Annual Average Hours Per Year: 8736
Heat Content: 1000
Sulfur Content: 0
Ash Content: 0
Process Mact compliance Status: N/A
Submittal Flag: N/A
Tribal Code: 000

[Click this hyperlink](#) while viewing on your computer to access additional GA_AIRS_EP: detail in the EDR Site Report.

Emission Release Points:

Year: 08
Record Type: ER
State County Fips: 13021
State Facility Identifier: 02100021
Emission Release Point ID: C05S
Emission Release Point Type: 02
Stack Height: 32
Stack Diameter: 1.5
Stack Fenceline Distance: Not reported
Exit Gas Temperature: 900
Exit Gas Velocity: 63.200001
Exit Gas Flowrate: 111.68
X Coordinate: -83.71199599999999
Y Coordinate: 32.935875000000003
Utm Zone: Not reported
X Y coordinate Type: LATLON
Horizontal Area Fugitive: Not reported
Release Height Fugitive: Not reported
Fugitive Dimensions Unit: Not reported
Emission Release Point Description: No. 5 Compressor Engine Vent Stack
Submittal Flag: A
Horizontal Collection method Code: 007
Horizontal Accuracy Measure: 25
Horizontal Reference datum Code: 002
Reference Point Code: 106
Source Map scale Number: Not reported
Coordinate Data source Code: Not reported
Tribal Code: 000

Year: 08
Record Type: ER
State County Fips: 13021
State Facility Identifier: 02100021
Emission Release Point ID: C02S
Emission Release Point Type: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Stack Height:	32
Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	52.599998
Exit Gas Flowrate:	92.949997
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 2 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	08
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	C01S
Emission Release Point Type:	02
Stack Height:	32
Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	52.599998
Exit Gas Flowrate:	92.949997
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 1 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	08
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	C04S

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Emission Release Point Type:	02
Stack Height:	32
Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	52.599998
Exit Gas Flowrate:	92.949997
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 4 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	08
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	C03S
Emission Release Point Type:	02
Stack Height:	32
Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	52.599998
Exit Gas Flowrate:	92.949997
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 3 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	08
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Emission Release Point ID:	C06S
Emission Release Point Type:	02
Stack Height:	32
Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	63.200001
Exit Gas Flowrate:	111.68
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 6 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	04
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	S004
Emission Release Point Type:	02
Stack Height:	32.099998
Stack Diameter:	1.17
Stack Fenceline Distance:	0
Exit Gas Temperature:	582
Exit Gas Velocity:	220.86
Exit Gas Flowrate:	236.10001
X Coordinate:	-83.714169999999996
Y Coordinate:	32.9375
Utm Zone:	0
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	0
Release Height Fugitive:	0
Fugitive Dimensions Unit:	N/A
Emission Release Point Description:	N/A
Submittal Flag:	N/A
Horizontal Collection method Code:	027
Horizontal Accuracy Measure:	13
Horizontal Reference datum Code:	003
Reference Point Code:	106
Source Map scale Number:	N/A
Coordinate Data source Code:	N/A
Tribal Code:	000
Year:	04
Record Type:	ER
State County Fips:	13021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

State Facility Identifier: 02100021
Emission Release Point ID: S002
Emission Release Point Type: 02
Stack Height: 32.099998
Stack Diameter: 1.17
Stack Fenceline Distance: 0
Exit Gas Temperature: 582
Exit Gas Velocity: 220.86
Exit Gas Flowrate: 236.10001
X Coordinate: -83.714169999999996
Y Coordinate: 32.9375
Utm Zone: 0
X Y coordinate Type: LATLON
Horizontal Area Fugitive: 0
Release Height Fugitive: 0
Fugitive Dimensions Unit: N/A
Emission Release Point Description: N/A
Submittal Flag: N/A
Horizontal Collection method Code: 027
Horizontal Accuracy Measure: 13
Horizontal Reference datum Code: 003
Reference Point Code: 106
Source Map scale Number: N/A
Coordinate Data source Code: N/A
Tribal Code: 000

Year: 04
Record Type: ER
State County Fips: 13021
State Facility Identifier: 02100021
Emission Release Point ID: S003
Emission Release Point Type: 02
Stack Height: 32.099998
Stack Diameter: 1.17
Stack Fenceline Distance: 0
Exit Gas Temperature: 582
Exit Gas Velocity: 220.86
Exit Gas Flowrate: 236.10001
X Coordinate: -83.714169999999996
Y Coordinate: 32.9375
Utm Zone: 0
X Y coordinate Type: LATLON
Horizontal Area Fugitive: 0
Release Height Fugitive: 0
Fugitive Dimensions Unit: N/A
Emission Release Point Description: N/A
Submittal Flag: N/A
Horizontal Collection method Code: 027
Horizontal Accuracy Measure: 13
Horizontal Reference datum Code: 003
Reference Point Code: 106
Source Map scale Number: N/A
Coordinate Data source Code: N/A
Tribal Code: 000

Year: 04
Record Type: ER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

State County Fips: 13021
State Facility Identifier: 02100021
Emission Release Point ID: S006
Emission Release Point Type: 02
Stack Height: 29
Stack Diameter: 1.67
Stack Fenceline Distance: 0
Exit Gas Temperature: 582
Exit Gas Velocity: 124.19
Exit Gas Flowrate: 271.88751
X Coordinate: -83.714169999999996
Y Coordinate: 32.9375
Utm Zone: 0
X Y coordinate Type: LATLON
Horizontal Area Fugitive: 0
Release Height Fugitive: 0
Fugitive Dimensions Unit: N/A
Emission Release Point Description: N/A
Submittal Flag: N/A
Horizontal Collection method Code: 027
Horizontal Accuracy Measure: 13
Horizontal Reference datum Code: 003
Reference Point Code: 106
Source Map scale Number: N/A
Coordinate Data source Code: N/A
Tribal Code: 000

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Airs EU:

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C003
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 15
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 3
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C004
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 15
Design Capacity Unit Numerator: E6BTU

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 4
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C006
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 18.5
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 6
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C002
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 15
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 2
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C001
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 15
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 1
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EU
State County Fips: 13021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

State Facility Identifier: 02100021
Emission Unit ID: C005
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 18.5
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 5
Submittal Flag: A
Tribal Code: 000

Year: 04
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C003
Oris Boiler ID: Not reported
Sic Unit Level: 4922
Naics Unit Level: 48621
Design Capacity: 11
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: 4
Emission Unit Description: N/A
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C005
Oris Boiler ID: Not reported
Sic Unit Level: 4922
Naics Unit Level: 48621
Design Capacity: 11
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: 5
Emission Unit Description: N/A
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C004
Oris Boiler ID: Not reported
Sic Unit Level: 4922
Naics Unit Level: 48621
Design Capacity: 11
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Emission Unit Description:	N/A
Submittal Flag:	N/A
Tribal Code:	000
Year:	04
Record Type:	EU
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C002
Oris Boiler ID:	Not reported
Sic Unit Level:	4922
Naics Unit Level:	48621
Design Capacity:	11
Design Capacity Unit Numerator:	E6BTU
Design Capacity Unit Denominator:	HR
Max Nameplate Capacity:	4
Emission Unit Description:	N/A
Submittal Flag:	N/A
Tribal Code:	000

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Process Annual Throughput:

Year:	08
Record Type:	PE
State County fips:	13021
State Facility identifier:	02100021
Emission Unit id:	C002
Process ID:	P001
Start Date:	20080101
End Date:	20081231
Start Time:	0
End Time:	Not reported
Actual Throughput:	32.41
Throughput Unit numerator:	E6FT3S
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	A
Tribal Code:	000

Year:	08
Record Type:	PE
State County fips:	13021
State Facility identifier:	02100021
Emission Unit id:	C004
Process ID:	P001
Start Date:	20080101
End Date:	20081231
Start Time:	0
End Time:	Not reported
Actual Throughput:	47.540001
Throughput Unit numerator:	E6FT3S

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C005
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 85.620003
Throughput Unit numerator: E6FT3S

Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C003
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 30.280001
Throughput Unit numerator: E6FT3S

Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C006
Process ID: P001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 94.279999
Throughput Unit numerator: E6FT3S
Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C001
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 28.290001
Throughput Unit numerator: E6FT3S
Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C002
Process ID: 1
Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 28.1
Throughput Unit numerator: E6FT3
Material: 0
Material lo: N/A
Period Days per week: 0
Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A
Tribal Code: 000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C004
Process ID: 1
Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 52.099998
Throughput Unit numerator: E6FT3
Material: 0
Material lo: N/A
Period Days per week: 0
Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C006
Process ID: 1
Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 91.699997
Throughput Unit numerator: E6FT3
Material: 0
Material lo: N/A
Period Days per week: 0
Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C005
Process ID: 1
Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 86.900002
Throughput Unit numerator: E6FT3
Material: 0
Material lo: N/A
Period Days per week: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A
Tribal Code: 000

[Click this hyperlink](#) while viewing on your computer to access additional GA_AIRS_PE: detail in the EDR Site Report.

Transaction Table:

Year: 08
Record Type: TR
State County fips: 13153
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us
Electronic Address type name: Email
Source Type: POINT
Affiliation Type: Report Certifier
Format Version: 3.0999999
Tribal Code: 000

Year: 08
Record Type: TR
State County fips: 13229
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us
Electronic Address type name: Email
Source Type: POINT
Affiliation Type: Report Certifier
Format Version: 3.0999999
Tribal Code: 000

Year: 08
Record Type: TR
State County fips: 13003
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13215
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13255
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Year: 08
Record Type: TR
State County fips: 13081
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us
Electronic Address type name: Email
Source Type: POINT
Affiliation Type: Report Certifier
Format Version: 3.0999999
Tribal Code: 000

Year: 08
Record Type: TR
State County fips: 13115
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us
Electronic Address type name: Email
Source Type: POINT
Affiliation Type: Report Certifier
Format Version: 3.0999999
Tribal Code: 000

Year: 08
Record Type: TR
State County fips: 13211
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1008235467

Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13195
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13247
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000

[Click this hyperlink](#) while viewing on your computer to access additional GA_AIRS_TR: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H52
SW
1/4-1/2
0.273 mi.
1439 ft.

VOLKSWAGEN DEALERSHIP PROPOSED
4768 RIVERSIDE DRIVE
MACON, GA 31210

FINDS **1023660100**
ECHO **N/A**

Site 7 of 7 in cluster H

Relative:
Lower

FINDS:
Registry ID: 110070074211

Actual:
348 ft.

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1023660100
Registry ID: 110070074211
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070074211>
Name: VOLKSWAGEN DEALERSHIP PROPOSED
Address: 4768 RIVERSIDE DRIVE
City,State,Zip: MACON, GA 31210

G53
SSW
1/4-1/2
0.282 mi.
1488 ft.

BUTLER DETAIL CENTER
4580 RIVERSIDE DRIVE
MACON, GA

NPDES **S127190112**
N/A

Site 5 of 7 in cluster G

Relative:
Lower

NPDES:
Name: BUTLER DETAIL CENTER
Address: 4580 RIVERSIDE DRIVE
City,State,Zip: MACON, GA
Notice of Intent Num: GAR311831
Facility Type Desc: Not reported
Owner: BUTLER FAMILY HOLDINGS, LLLP
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2013
Permit Action Status: No Longer In Effect
Extension Date: Not reported
Termination Date: Not reported
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: Not reported
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported

Actual:
312 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BUTLER DETAIL CENTER (Continued)

S127190112

Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	CPD Primary
Related Primary:	Not reported
Operator:	APPLING BROTHERS
Postmarked Date:	4/22/2008
Issue Date:	8/1/2008
Permit Status:	Expired
Total Acres:	9.6
50 or More Acres Disturbed:	Not reported
Impaired Stream Segments:	N/A
TMDL Implementation Plans:	N/A
Common Development Name:	N/A
Active or Term:	Active
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

**M54
 NW
 1/4-1/2
 0.284 mi.
 1499 ft.**

**OCMULGEE RIVER CROSSING PROJECT
 5675 ARKWRIGHT ROAD
 MACON, GA
 Site 2 of 15 in cluster M**

**NPDES S127183586
 N/A**

**Relative:
 Higher
 Actual:
 414 ft.**

NPDES:	
Name:	OCMULGEE RIVER CROSSING PROJECT
Address:	5675 ARKWRIGHT ROAD
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR241526
Facility Type Desc:	Not reported
Owner:	Southern Natural Gas Company, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2018
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	11/21/2014
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	10/09/2013
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OCMULGEE RIVER CROSSING PROJECT (Continued)

S127183586

District: West Central District - Macon
Construction Activity: Utility
Common Development Type: Not reported
Related Primary: Not reported
Operator: Southern Natural Gas Company, LLC
Postmarked Date: 10/17/2013
Issue Date: 9/23/2013
Permit Status: Terminated
Total Acres: 6.1
50 or More Acres Disturbed: N/A
Impaired Stream Segments: N
TMDL Implementation Plans: N
Common Development Name: NA
Active or Term: Terminated
Coverage Status: Noncovered
Lot Numbers: NA
NOI Specialist: Jody Sapp
Area Specialist: Not reported
Engineer: Not reported
Action Status: No Longer In Effect

Name: OCMULGEE RIVER CROSSING PROJECT
Address: 5675 ARKWRIGHT ROAD
City,State,Zip: MACON, GA
Notice of Intent Num: GAR241526
Facility Type Desc: Not reported
Owner: Southern Natural Gas Company, LLC
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2013
Permit Action Status: Superseded
Extension Date: Not reported
Termination Date: 11/21/2014
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: Not reported
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Linear,Utility
Common Development Type: Not reported
Related Primary: Not reported
Operator: Southern Natural Gas Company, LLC
Postmarked Date: 4/15/2013
Issue Date: 8/1/2008
Permit Status: Terminated
Total Acres: 6.1
50 or More Acres Disturbed: N/A

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OCMULGEE RIVER CROSSING PROJECT (Continued)

S127183586

Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	NA
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	NA
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	Superseded

**M55
 NW
 1/4-1/2
 0.284 mi.
 1499 ft.**

**SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COM
 5675 ARKWRIGHT RD
 MACON, GA 31210**

**RCRA-VSQQ 1004464058
 FINDS GAD984300871
 ECHO**

Site 3 of 15 in cluster M

**Relative:
 Higher
 Actual:
 414 ft.**

RCRA-VSQQ:	
Date Form Received by Agency:	20070206
Handler Name:	SOUTHERN NATURAL GAS OCMULGEE
Handler Address:	5675 ARKWRIGHT RD
Handler City,State,Zip:	MACON, GA 31210
EPA ID:	GAD984300871
Contact Name:	JOHN GOBER
Contact Address:	PO BOX 18066
Contact City,State,Zip:	MACON, GA 31209
Contact Telephone:	478-477-1221 2026
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 18066
Mailing City,State,Zip:	MACON, GA 31209
Owner Name:	EL PASO ENERGY SOUTHERN NATURAL
Owner Type:	Municipal
Operator Name:	SOUTHERN NATURAL GAS CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

Map ID
 Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1004464058

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20070207
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1004464058

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EL PASO ENERGY SOUTHERN NATURAL
Legal Status:	Municipal
Date Became Current:	20000101
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2563
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35202
Owner/Operator Telephone:	205-325-3784
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator: Operator

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1004464058

Owner/Operator Name:	SOUTHERN NATURAL GAS CO
Legal Status:	Private
Date Became Current:	19530101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2563
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35202
Owner/Operator Telephone:	205-325-7410
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EL PASO ENERGY SOUTHERN NATURAL
Legal Status:	Municipal
Date Became Current:	20000101
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2563
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35202
Owner/Operator Telephone:	205-325-3784
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EL PASO ENERGY SOUTHERN NATURAL
Legal Status:	Municipal
Date Became Current:	20000101
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2563
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35202
Owner/Operator Telephone:	205-325-3784
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTHERN NATURAL GAS CO
Legal Status:	Private
Date Became Current:	19530101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2563
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35202
Owner/Operator Telephone:	205-325-7410
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTHERN NATURAL GAS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2563
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35202
Owner/Operator Telephone:	205-325-7410
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1004464058

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SOUTHERN NATURAL GAS CO
Legal Status: Private
Date Became Current: 19530101
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 2563
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35202
Owner/Operator Telephone: 205-325-7410
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SOUTHERN NATURAL GAS CO
Legal Status: Private
Date Became Current: 19530101
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 2563
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35202
Owner/Operator Telephone: 205-325-7410
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19981027
Handler Name: SOUTHERN NATURAL GAS OCMULGEE
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010131
Handler Name: SOUTHERN NATURAL GAS OCMULGEE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010517
Handler Name: SOUTHERN NATURAL GAS OCMULGEE
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1004464058

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20061228
Handler Name: SOUTHERN NATURAL GAS OCMULGEE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070206
Handler Name: SOUTHERN NATURAL GAS OCMULGEE
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 48621
NAICS Description: PIPELINE TRANSPORTATION OF NATURAL GAS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110005698316

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1004464058

information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

COMPLIANCE AND EMISSIONS REPORTING

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AIR MAJOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004464058
Registry ID: 110005698316
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005698316>
Name: SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION
Address: 5675 ARKWRIGHT RD
City,State,Zip: MACON, GA 31210

**M56
NW
1/4-1/2
0.284 mi.
1499 ft.**

**SNG STATION 5277 OCMULGEE, GA
5675 ARKWRIGHT RD.
MACON, GA 31210**

**FINDS 1014883854
ECHO N/A**

Site 4 of 15 in cluster M

**Relative:
Higher**

FINDS:
Registry ID: 110043812470

**Actual:
414 ft.**

Click Here:

Environmental Interest/Information System:
GREENHOUSE GAS REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1014883854
Registry ID: 110043812470
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110043812470>
Name: SNG STATION 5277 OCMULGEE, GA
Address: 5675 ARKWRIGHT RD.
City,State,Zip: MACON, GA 31210

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

M57
NW
1/4-1/2
0.284 mi.
1499 ft.

5675 ARKWRIGHT RD.
MACON, GA

Site 5 of 15 in cluster M

ERNS 2014072742
N/A

Relative:
Higher
Actual:
414 ft.

Incident Commons:
 NRC Report #: 1072742
 Description of Incident: CALLER IS REPORTING A RELEASE OF NATURAL GAS FROM A RELIEF VALVE THAT WENT OFF AT THEIR COMPRESSOR STATION.

Type of Incident: FIXED
 Incident Cause: EQUIPMENT FAILURE
 Incident Date Time: 2014-02-01 20:49:00
 Incident DTG: OCCURRED
 Incident Location: COMPRESSOR STATION
 Location Address: 5675 ARKWRIGHT RD.
 Location Street 1: Not reported
 Location Street 2: Not reported
 Location Nearest City: MACON
 Location State: GA
 Location County: BIBB
 Location Zip: Not reported
 Distance From City: Not reported
 Distance Units: Not reported
 Direction From City: Not reported
 Lat Deg: Not reported
 Lat Min: Not reported
 Lat Sec: Not reported
 Lat Quad: Not reported
 Long Deg: Not reported
 Long Min: Not reported
 Long Sec: Not reported
 Long Quad: Not reported
 Location Section: Not reported
 Location Township: Not reported
 Location range: Not reported
 Potential Range: N

Incidents:
 NRC Report #: 1072742
 Aircraft Type: Not reported
 Aircraft Model: Not reported
 Aircraft ID: Not reported
 Aircraft Fuel Capacity: Not reported
 Aircraft Fuel Capacity Units: Not reported
 Aircraft Fuel on Board: Not reported
 Aircraft Fuel on Board Units: Not reported
 Aircraft Spot Number: Not reported
 Aircraft Hanger: Not reported
 Aircraft Runway Number: Not reported
 Road Mile Marker: Not reported
 Building ID: Not reported
 Type of Fixed Object: OTHER
 Power Generating Facility: U
 Generating Capacity: Not reported
 Type of Fuel: Not reported
 NPDES: Not reported
 NPDES Compliance: U
 Pipeline Type: Not reported
 DOT Regulated: U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2014072742

Pipeline Above Ground:	ABOVE
Exposed Underwater:	N
Pipeline Covered:	U
Railroad Hotline:	Not reported
Grade Crossing:	U
Location Subdivision:	Not reported
Railroad Milepost:	Not reported
Type Vehicle Involved:	Not reported
Crossing Device Type:	Not reported
Device Operational:	U
DOT Crossing Number:	Not reported
Brake Failure:	U
Description of Tank:	Not reported
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	Not reported
Tank ID:	Not reported
Capacity of Tank:	Not reported
Capacity of Tank Units:	Not reported
Actual Amount:	Not reported
Actual Amount Units:	Not reported
Platform Rig Name:	Not reported
Platform Letter:	Not reported
Location Area ID:	Not reported
Location Block ID:	Not reported
OCSG Number:	Not reported
OCSF Number:	Not reported
State Lease Number:	Not reported
Pier Dock Number:	Not reported
Berth Slip Number:	Not reported
Continuous Release Type:	Not reported
Initial Continuous Release No:	Not reported
Continuous Release Permit:	Not reported
Allision:	U
Type of Structure:	Not reported
Structure Name:	Not reported
Structure Operational:	U
Airbag Deployed:	U
Date Tiem Normal Service:	Not reported
Service Disruption Time:	Not reported
Service Disruption Units:	Not reported
Transit Bus Flag:	Not reported
CR Begin Date:	Not reported
CR End Date:	Not reported
CR Change Date:	Not reported
FBI Contact:	Not reported
FBI Contact Date Time:	Not reported
Sub Part C Testing Req:	XXX
Conductor Testing:	Not reported
Engineer Testing:	Not reported
Trainman Testing:	Not reported
Yard Foreman Testing:	Not reported
RCL Operator Testing:	Not reported
Brakeman Testing:	Not reported
Train Dispatcher Testing:	Not reported
Signalman Testing:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2014072742

Other Employee Testing: Not reported
Unknown Testing: Not reported
Passenger Handling: Not reported
Passenger Route: XXX
Passenger Delay: XXX

Incident Details:

NRC Report #: 1072742
Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
Number Evacuated: Not reported
Who Evacuated: Not reported
Radius of Evacuation: Not reported
Any Injuries: N
Number Injured: Not reported
Number Hospitalized: Not reported
Any Fatalities: N
Number Fatalities: Not reported
Any Damages: N
Damage Amount: Not reported
Air Corridor Closed: N
Air Corridor Desc: Not reported
Air Closure Time: Not reported
Waterway Closed: N
Waterway Desc: Not reported
Waterway Closure Time: Not reported
Road Closed: N
Road Desc: Not reported
Road Closure Time: Not reported
Closure Direction: Not reported
Major Artery: N
Track Closed: N
Track Desc: Not reported
Track Closure Time: Not reported
Media Interest: UNKNOWN
Medium Desc: AIR
Additional Medium Info: ATMOSPHERE
Body of Water: Not reported
Tributary of: Not reported
Release Secured: Y
Estimated Duration of Release: Not reported
Release rate: Not reported
Desc Remedial Action: A TECHNICIAN WAS DISPATCHED TO THE SCENE AND HE CLOSED THE VALVE.
State Agency on Scene: Not reported
State Agency Report Number: Not reported
Other Agency Notified: Not reported
Weather Conditions: CLEAR
Air Temperature: 50
Wind Speed: Not reported
Wind Direction: Not reported
Water Supply Contaminated: U
Sheen Size: Not reported
Sheen Color: Not reported
Direction of Sheen Travel: Not reported
Sheen Odor Description: Not reported
Wave Condition: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2014072742

Current Speed: Not reported
Current Direction: Not reported
Water Temperature: Not reported
Track Close Dir: Not reported
Empl Fatality: Not reported
Pass Fatality: Not reported
Community Impact: Not reported
Wind Speed Unit: Not reported
Employee Injuries: Not reported
Passenger Injuries: Not reported
Occupant Fatality: Not reported
Current Speed Unit: Not reported
Road Closure Units: Not reported
Track Closure Units: Not reported
Sheen Size Units: Not reported
Additional Info: Not reported
State Agency Notified: Not reported
Federal Agency Notified: Not reported
nearest River Mile Marker: Not reported
Sheen Size Length: Not reported
Sheen Size Length Units: Not reported
Sheen Size Width: Not reported
Sheen Size Width Units: Not reported
Offshore: N
Duration Unit: Not reported
Release Rate Unit: Not reported
Release Rate Rate: Not reported
Passengers Transferred: NO

Calls:

NRC Report #: 1072742
Site ID: 20141072742
Date Time Received: 2014-02-01 22:51:43
Date Time Complete: 2014-02-01 22:55:14
Call Type: INC
Responsible Company: KINDER MORGAN
Responsible Org Type: PUBLIC UTILITY
Responsible City: HOUSTON
Responsible State: TX
Responsible Zip: 25302
On Behalf: Not reported
Source: TELEPHONE

Material Involved:

NRC Report #: 1072742
Chris Code: ONG
Case Number: 000000-00-0
UN Number: Not reported
Amount of Material: 7458
Unit of Measure: MIL CBF
Name of Material: NATURAL GAS
If Reached Water: NO
Amount in Water: Not reported
Unit of Measure Reach Water: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

M58 **OCMULGEE COMPRESSOR STATION**
NW **5675 ARKWRIGHT ROAD**
1/4-1/2 **MACON, GA 31210**
0.284 mi.
1499 ft. **Site 6 of 15 in cluster M**

TIER 2 **S117049303**
N/A

Relative:
Higher

Actual:
414 ft.

GA TIER 2:
 Reporting Year: 2013
 Facility ID: 4483708
 Facility Country: Not reported
 Company Name: Southern Natural Gas
 Date Submitted: Not reported
 Filing Type: Not reported
 SIC Code: Not reported
 NAICS Code: Not reported
 Dun&Bradstreet Code: Not reported
 Chemicals Same as Last Year: Not reported
 Data Tier 2 Signed: Not reported
 Dikes/Saveguard Measures: Not reported
 Facility Department: Not reported
 Facility Date Modified: 02/05/2014
 State Fees Total: Not reported
 Mailing Address: Not reported
 Mailing City,St,Zip: Not reported
 Mailing Country: Not reported
 Latitude: 32.935818
 Longitude: -83.711838
 Lat/Long Location Desc: Not reported
 Lat/Long Method: Not reported
 Number Employees on Site: Not reported
 Site Coordinate Abbrvtns Sbmtd: Not reported
 Fire District: Not reported
 Notes: Not reported
 Validity: Not reported
 Contact 1: Joel Mittendorf
 Contact Type 1: Emergency Contact
 Contact Email 1: joel_mittendorf@kindermorgan.com
 Contact 1 Telephone1: 770-468-6046
 Contact 1 Telephone2: 800-252-5360
 Contact 1 Phone3: Not reported
 Contact Name 2: Thomas Bach
 Contact Type 2: Owner / Operator
 Contact Email 2: Thomas_Bach@kindermorgan.com
 Contact 2 Telephone1: 303-914-7842
 Contact 2 Telephone2: 800-252-5960
 Contact Name 3: Scotty Moates
 Contact Type 3: Tier II Information Contact
 Contact Email 3: scotty_moates@kindermorgan.com
 Contact 3 Telephone1: 205.325.7515
 Contact 3 Telephone2: Not reported
 Contact 3 Telephone3: Not reported
 Contact Name 4: Not reported
 Contact Type 4: Not reported
 Contact Email 4: Not reported
 Contact 4 Telephone1: Not reported
 Contact 4 Telephone2: Not reported
 Contact Name 5: Not reported
 Contact Type 5: Not reported
 Contact Email 5: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OCMULGEE COMPRESSOR STATION (Continued)

S117049303

Contact 5 Telephone1: Not reported
 Contact 5 Telephone2: Not reported
 Contact 5 Telephone3: Not reported

Inventory:

Facility Id: 4483708
 Year: 2013
 Chemical Inventory ID: Not reported
 Acute Health Risks: True
 Average Daily Amount: 31586.0
 Average Daily Amount Code: Not reported
 CB Record ID: Not reported
 Chemical Same as Last Year: Not reported
 Chronic Health Risk: True
 CAS Number: 107211
 EHS Substance: Not reported
 Last Modified: Not reported
 Days on Site: Not reported
 Chemical Name: Ethylene Glycol
 Fire Hazard: False
 Gas: False
 Liquid: True
 Max Daily Amount: 31586.0
 Max Daily Amount Code: Not reported
 Max Amount in Largest Container: Not reported
 Mixture Form: False
 Sudden Release of Pressure Hazard: False
 Pure Form: True
 Reactive Hazard: False
 Solid: False
 Facility Name: Ocmulgee Compressor Station
 Contact Info: Joel Mittendorf
 Contact Type: Emergency Contact
 Email: joel_mittendorf@kindermorgan.com
 Phone1: 770-468-6046
 Phone2: 800-252-5360
 Phone3: Not reported
 Phone4: Not reported
 Phone5: Not reported
 Hazardous 1 least hazardous/4 most hazardous: 1
 Flammable 1 least flammable/4 most flammable: 1
 Reactive 1 least reactive/4 very reactive: 0
 Any characteristic over/above H F and R category: -

**M59
 NW
 1/4-1/2
 0.284 mi.
 1499 ft.**

**SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COM
 5675 ARKWRIGHT ROAD
 MACON, GA 31210
 Site 7 of 15 in cluster M**

**AIRS S121800847
 N/A**

**Relative:
 Higher
 Actual:
 414 ft.**

AIRS:
 Name: SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION
 Address: 5675 ARKWRIGHT ROAD
 City,State,Zip: MACON, GA 31210
 Record Type: Not reported
 State County FIPS: Not reported
 State Facility Id: 2100021

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

S121800847

Facility Registry Id:	Not reported
Facility Category:	Not reported
Oris Facility code:	Not reported
SIC Primary:	4922
NAICS Primary:	486210
Dun&Bradstreet Number:	Not reported
Tri Id number:	Not reported
NTI Site id:	Not reported
Facility County:	Not reported
Site Description:	Natural Gas Compressors
Submittal Flag:	Not reported
Tribal Code:	Not reported
AIRS Number:	021-00021
Operational Status:	O
SIC Code:	Not reported
Contact Name:	Wayne Parrott
Contact Company:	Not reported
Contact Telephone:	478-475-1748
Contact Fax:	Not reported
Contact Email:	WAYNE_PARROTT@KINDERMORGAN.COM
Contact Address:	PO Box 18066
Contact Address 2:	Not reported
Contact City,St,Zip:	Macon, GA 31209
Year:	2020
Classification:	A
Contact Type:	Fee Contact
Permit Number:	4922-021-0021-V-04-0
Issued Date:	2015-11-09 00:00:00
Latitude:	32.935875
Longitude:	-83.711996
Airs EM 2010:	
Facility Side Id:	2100021
Int Inventory Year:	2011
Emissions Unit Id:	C006
Unit Description:	Compressor Engine No. 6
Process Id:	P001
Process Description:	Natural Gas Combustion
Source Class Code:	Not reported
Pollutant Code:	SO2
Pollutant:	Sulfur Dioxide
Total Emissions:	4.0000000000000001E-2
Emissions Unit Of Measure Code:	TON
Emissions Unit Of Measure Description:	TONS
Emission Factor:	0.59999999999999998
EM Calc Method Code:	8
EM Calc Method:	USEPA Emission Factor (no Control Efficiency used)
Numerator/Denominator of Emission Factor:	LB/E6FT3S
Desc of Numerator Factor:	POUNDS
Desc of Denominator Factor:	MILLION STANDARD CUBIC FEET
Additional Info on Emission Factor:	Not reported
Update Date Time:	7/30/2012
Str Emissions Comment:	Not reported
Last Submit Date:	Not reported
Facility Side Id:	2100021
Int Inventory Year:	2011
Emissions Unit Id:	C002

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

S121800847

Unit Description: Compressor Engine No. 2
Process Id: P001
Process Description: Natural Gas Combustion
Source Class Code: Not reported
Pollutant Code: VOC
Pollutant: Volatile Organic Compounds
Total Emissions: 5.9199999999999999
Emissions Unit Of Measure Code: TON
Emissions Unit Of Measure Description: TONS
Emission Factor: 0.65300000000000002
EM Calc Method Code: 8
EM Calc Method: USEPA Emission Factor (no Control Efficiency used)
Numerator/Denominator of Emission Factor: G/HP-HR
Desc of Numerator Factor: GRAMS
Desc of Denominator Factor: HORSEPOWER-HOURS
Additional Info on Emission Factor: Not reported
Update Date Time: 7/30/2012
Str Emissions Comment: Not reported
Last Submit Date: Not reported

Facility Side Id: 2100021
Int Inventory Year: 2011
Emissions Unit Id: C006
Unit Description: Compressor Engine No. 6
Process Id: P001
Process Description: Natural Gas Combustion
Source Class Code: Not reported
Pollutant Code: VOC
Pollutant: Volatile Organic Compounds
Total Emissions: 9.4499999999999993
Emissions Unit Of Measure Code: TON
Emissions Unit Of Measure Description: TONS
Emission Factor: 0.65300000000000002
EM Calc Method Code: 8
EM Calc Method: USEPA Emission Factor (no Control Efficiency used)
Numerator/Denominator of Emission Factor: G/HP-HR
Desc of Numerator Factor: GRAMS
Desc of Denominator Factor: HORSEPOWER-HOURS
Additional Info on Emission Factor: Not reported
Update Date Time: 7/30/2012
Str Emissions Comment: Not reported
Last Submit Date: Not reported

Facility Side Id: 2100021
Int Inventory Year: 2011
Emissions Unit Id: C005
Unit Description: Compressor Engine No. 5
Process Id: P001
Process Description: Natural Gas Combustion
Source Class Code: Not reported
Pollutant Code: VOC
Pollutant: Volatile Organic Compounds
Total Emissions: 9.6600000000000001
Emissions Unit Of Measure Code: TON
Emissions Unit Of Measure Description: TONS
Emission Factor: 0.65300000000000002
EM Calc Method Code: 8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

S121800847

EM Calc Method: USEPA Emission Factor (no Control Efficiency used)
Numerator/Denominator of Emission Factor: G/HP-HR
Desc of Numerator Factor: GRAMS
Desc of Denominator Factor: HORSEPOWER-HOURS
Additional Info on Emission Factor: Not reported
Update Date Time: 7/30/2012
Str Emissions Comment: Not reported
Last Submit Date: Not reported

Facility Side Id: 2100021
Int Inventory Year: 2011
Emissions Unit Id: C001
Unit Description: Compressor Engine No. 1
Process Id: P001
Process Description: Natural Gas Combustion
Source Class Code: Not reported
Pollutant Code: VOC
Pollutant: Volatile Organic Compounds
Total Emissions: 5.6600000000000001
Emissions Unit Of Measure Code: TON
Emissions Unit Of Measure Description: TONS
Emission Factor: 0.6530000000000002
EM Calc Method Code: 8
EM Calc Method: USEPA Emission Factor (no Control Efficiency used)
Numerator/Denominator of Emission Factor: G/HP-HR
Desc of Numerator Factor: GRAMS
Desc of Denominator Factor: HORSEPOWER-HOURS
Additional Info on Emission Factor: Not reported
Update Date Time: 7/30/2012
Str Emissions Comment: Not reported
Last Submit Date: Not reported

Facility Side Id: 2100021
Int Inventory Year: 2011
Emissions Unit Id: C004
Unit Description: Compressor Engine No. 4
Process Id: P001
Process Description: Natural Gas Combustion
Source Class Code: Not reported
Pollutant Code: VOC
Pollutant: Volatile Organic Compounds
Total Emissions: 6.4900000000000002
Emissions Unit Of Measure Code: TON
Emissions Unit Of Measure Description: TONS
Emission Factor: 0.6530000000000002
EM Calc Method Code: 8
EM Calc Method: USEPA Emission Factor (no Control Efficiency used)
Numerator/Denominator of Emission Factor: G/HP-HR
Desc of Numerator Factor: GRAMS
Desc of Denominator Factor: HORSEPOWER-HOURS
Additional Info on Emission Factor: Not reported
Update Date Time: 7/30/2012
Str Emissions Comment: Not reported
Last Submit Date: Not reported

Facility Side Id: 2100021
Int Inventory Year: 2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

S121800847

Emissions Unit Id: C003
Unit Description: Compressor Engine No. 3
Process Id: P001
Process Description: Natural Gas Combustion
Source Class Code: Not reported
Pollutant Code: VOC
Pollutant: Volatile Organic Compounds
Total Emissions: 5.9000000000000004
Emissions Unit Of Measure Code: TON
Emissions Unit Of Measure Description: TONS
Emission Factor: 0.6530000000000002
EM Calc Method Code: 8
EM Calc Method: USEPA Emission Factor (no Control Efficiency used)
Numerator/Denominator of Emission Factor: G/HP-HR
Desc of Numerator Factor: GRAMS
Desc of Denominator Factor: HORSEPOWER-HOURS
Additional Info on Emission Factor: Not reported
Update Date Time: 7/30/2012
Str Emissions Comment: Not reported
Last Submit Date: Not reported

Facility Side Id: 2100021
Int Inventory Year: 2011
Emissions Unit Id: C001
Unit Description: Compressor Engine No. 1
Process Id: P001
Process Description: Natural Gas Combustion
Source Class Code: Not reported
Pollutant Code: PM10-PRI
Pollutant: PM10 Primary (Filt + Cond)
Total Emissions: 2.2799999999999998
Emissions Unit Of Measure Code: TON
Emissions Unit Of Measure Description: TONS
Emission Factor: 0.26000000000000001
EM Calc Method Code: 8
EM Calc Method: USEPA Emission Factor (no Control Efficiency used)
Numerator/Denominator of Emission Factor: G/HP-HR
Desc of Numerator Factor: GRAMS
Desc of Denominator Factor: HORSEPOWER-HOURS
Additional Info on Emission Factor: Not reported
Update Date Time: 7/30/2012
Str Emissions Comment: Not reported
Last Submit Date: Not reported

Facility Side Id: 2100021
Int Inventory Year: 2011
Emissions Unit Id: C002
Unit Description: Compressor Engine No. 2
Process Id: P001
Process Description: Natural Gas Combustion
Source Class Code: Not reported
Pollutant Code: PM10-PRI
Pollutant: PM10 Primary (Filt + Cond)
Total Emissions: 2.3900000000000001
Emissions Unit Of Measure Code: TON
Emissions Unit Of Measure Description: TONS
Emission Factor: 0.26000000000000001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

S121800847

EM Calc Method Code: 8
EM Calc Method: USEPA Emission Factor (no Control Efficiency used)
Numerator/Denominator of Emission Factor: G/HP-HR
Desc of Numerator Factor: GRAMS
Desc of Denominator Factor: HORSEPOWER-HOURS
Additional Info on Emission Factor: Not reported
Update Date Time: 7/30/2012
Str Emissions Comment: Not reported
Last Submit Date: Not reported

Facility Side Id: 2100021
Int Inventory Year: 2011
Emissions Unit Id: C005
Unit Description: Compressor Engine No. 5
Process Id: P001
Process Description: Natural Gas Combustion
Source Class Code: Not reported
Pollutant Code: PM10-PRI
Pollutant: PM10 Primary (Filt + Cond)
Total Emissions: 3.8900000000000001
Emissions Unit Of Measure Code: TON
Emissions Unit Of Measure Description: TONS
Emission Factor: 0.26000000000000001
EM Calc Method Code: 8
EM Calc Method: USEPA Emission Factor (no Control Efficiency used)
Numerator/Denominator of Emission Factor: G/HP-HR
Desc of Numerator Factor: GRAMS
Desc of Denominator Factor: HORSEPOWER-HOURS
Additional Info on Emission Factor: Not reported
Update Date Time: 7/30/2012
Str Emissions Comment: Not reported
Last Submit Date: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional GA_AIRS_EP_2009: detail in the EDR Site Report.

Control Device Information:

Year: Not reported
Record Type: Not reported
State County Fips: Not reported
State Facility Identifier: Not reported
Emission Unit ID: Not reported
Process ID: Not reported
Pollutant Code: Not reported
Primary Pct control Efficiency: Not reported
Pct Capture Efficiency: Not reported
Total Capture Control Efficiency: Not reported
Primary Device Type Code: Not reported
Secondary Device Type Code: Not reported
Control System Description: Not reported
Third Control Device Type Code: Not reported
Fourth Control Device Type Code: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported

Airs Emissions:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

S121800847

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scn Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Map ID
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Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

S121800847

Emission Release Points:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported

Airs EU:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Process Annual Throughput:

Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported

Map ID
 Direction
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 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

S121800847

Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Transaction Table:

Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported
Transaction Comments:	Not reported
Contact Person name:	Not reported
Contact Phone number:	Not reported
Telephone Number type name:	Not reported
Electronic Address text:	Not reported
Electronic Address type name:	Not reported
Source Type:	Not reported
Affiliation Type:	Not reported
Format Version:	Not reported
Tribal Code:	Not reported

M60
NW
1/4-1/2
0.284 mi.
1499 ft.

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION
5675 ARKWRIGHT ROAD
MACON, GA 31210
Site 8 of 15 in cluster M

TIER 2 S107774438
N/A

Relative:
Higher

GA TIER 2:	
Reporting Year:	2020
Facility ID:	6790381
Facility Country:	Not reported
Company Name:	Southern Natural Gas Company, L.L.C.
Date Submitted:	01/20/2021
Filing Type:	302 312
SIC Code:	Not reported
NAICS Code:	486210
Dun&Bradstreet Code:	006900518
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	Not reported
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	01/20/2021

Actual:
414 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2020
Facility ID: 6790381
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 01/20/2021
Filing Type: 302 312
SIC Code: Not reported
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 01/20/2021
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2020
Facility ID: 6790381
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 01/20/2021
Filing Type: 302 312
SIC Code: Not reported
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 01/20/2021
State Fees Total: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2020
Facility ID: 6790381
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 01/20/2021
Filing Type: 302 312
SIC Code: Not reported
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 01/20/2021
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2019
Facility ID: 6650098
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 02/13/2020
Filing Type: 302 312
SIC Code: Not reported
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 03/11/2020
State Fees Total: Not reported
Mailing Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2019
Facility ID: 6650098
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 02/13/2020
Filing Type: 302 312
SIC Code: Not reported
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 03/11/2020
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2019
Facility ID: 6650098
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 02/13/2020
Filing Type: 302 312
SIC Code: Not reported
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 03/11/2020
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Mailing Country: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2019
Facility ID: 6650098
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 02/13/2020
Filing Type: 302 312
SIC Code: Not reported
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 03/11/2020
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2018
Facility ID: 6365401
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 02/05/2019
Filing Type: 302 312
SIC Code: Not reported
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 02/05/2019
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2018
Facility ID: 6365401
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 02/05/2019
Filing Type: 302 312
SIC Code: Not reported
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 02/05/2019
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2018
Facility ID: 6365401
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 02/05/2019
Filing Type: 302 312
SIC Code: Not reported
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 02/05/2019
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2017
Facility ID: 6064387
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 02/15/2018
Filing Type: 302 312
SIC Code: 4922
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 02/16/2018
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: 32.935818
Longitude: -83.711838
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2016
Facility ID: 5809345
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 02/02/2017
Filing Type: 302 312
SIC Code: 4922
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 02/02/2017
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: 32.935818
Longitude: -83.711838

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2015
Facility ID: 5377549
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 02/03/2016
Filing Type: 302; 312
SIC Code: 4922
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 02/03/2016
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: 32.935818
Longitude: -83.711838
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2014
Facility ID: 4980120
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 01/29/2015
Filing Type: Tier2
SIC Code: 4922
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 01/29/2015
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: 32.935818
Longitude: -83.711838
Lat/Long Location Desc: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported
Reporting Year:	2012
Facility ID:	4068474
Facility Country:	Not reported
Company Name:	Southern Natural Gas
Date Submitted:	Not reported
Filing Type:	Not reported
SIC Code:	Not reported
NAICS Code:	Not reported
Dun&Bradstreet Code:	Not reported
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	02/21/2013
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	02/21/2013
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City, St, Zip:	Not reported
Mailing Country:	Not reported
Latitude:	32.93581
Longitude:	-83.71183
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported
Contact 1:	Randy Tillman
Contact Type 1:	Emergency Contact
Contact Email 1:	randall.tillman@elpaso.com
Contact 1 Telephone1:	800-252-5960
Contact 1 Telephone2:	800-252-5960
Contact 1 Phone3:	Not reported
Contact Name 2:	Southern Natural Gas Company
Contact Type 2:	Owner / Operator
Contact Email 2:	Not reported
Contact 2 Telephone1:	800-252-5960
Contact 2 Telephone2:	Not reported
Contact Name 3:	Not reported
Contact Type 3:	Not reported
Contact Email 3:	Not reported
Contact 3 Telephone1:	Not reported
Contact 3 Telephone2:	Not reported
Contact 3 Telephone3:	Not reported
Contact Name 4:	Not reported
Contact Type 4:	Not reported
Contact Email 4:	Not reported
Contact 4 Telephone1:	Not reported
Contact 4 Telephone2:	Not reported
Contact Name 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Contact Type 5:	Not reported
Contact Email 5:	Not reported
Contact 5 Telephone1:	Not reported
Contact 5 Telephone2:	Not reported
Contact 5 Telephone3:	Not reported
Reporting Year:	2011
Facility ID:	2913093
Facility Country:	Not reported
Company Name:	Not reported
Date Submitted:	Not reported
Filing Type:	Not reported
SIC Code:	Not reported
NAICS Code:	Not reported
Dun&Bradstreet Code:	Not reported
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	02/29/2012
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	02/29/2012
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Mailing Country:	Not reported
Latitude:	32.93581
Longitude:	-83.71183
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtrd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported
Contact 1:	Not reported
Contact Type 1:	Not reported
Contact Email 1:	Not reported
Contact 1 Telephone1:	Not reported
Contact 1 Telephone2:	Not reported
Contact 1 Phone3:	Not reported
Contact Name 2:	Not reported
Contact Type 2:	Not reported
Contact Email 2:	Not reported
Contact 2 Telephone1:	Not reported
Contact 2 Telephone2:	Not reported
Contact Name 3:	Not reported
Contact Type 3:	Not reported
Contact Email 3:	Not reported
Contact 3 Telephone1:	Not reported
Contact 3 Telephone2:	Not reported
Contact 3 Telephone3:	Not reported
Contact Name 4:	Not reported
Contact Type 4:	Not reported
Contact Email 4:	Not reported
Contact 4 Telephone1:	Not reported
Contact 4 Telephone2:	Not reported
Contact Name 5:	Not reported
Contact Type 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Contact Email 5: Not reported
Contact 5 Telephone1: Not reported
Contact 5 Telephone2: Not reported
Contact 5 Telephone3: Not reported

Reporting Year: 2010
Facility ID: FATR2010JD9QRQ4194DG
Facility Country: USA
Company Name: Not reported
Date Submitted: Not reported
Filing Type: Not reported
SIC Code: Not reported
NAICS Code: Not reported
Dun&Bradstreet Code: Not reported
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: 02/28/2011
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 02/28/2011
State Fees Total: Not reported
Mailing Address: P.O. Box 18066
Mailing City,St,Zip: Macon, GA 31209
Mailing Country: USA
Latitude: 32.93581
Longitude: -83.71183
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: 0
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2008
Facility ID: FATR20082V79YE0020KH
Facility Country: USA
Company Name: Not reported
Date Submitted: Not reported
Filing Type: Not reported
SIC Code: Not reported
NAICS Code: Not reported
Dun&Bradstreet Code: Not reported
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: 02/25/2009
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 05/13/2009
State Fees Total: Not reported
Mailing Address: P.O. Box 18066
Mailing City,St,Zip: Macon, GA 31209
Mailing Country: USA
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Fire District: Not reported
Notes: Not reported
Validity: This facility passed all validation checks.

Facility Info:

Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210
Facility ID Last Modified: 2/25/2009
ID: NAICS

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/12/2004
ID: Dun & Bradstreet

Contact:

Year: Not reported
Contact ID: CTTR20081ZV75T005J40
Contact Title: Owner/Operator
Contact First Name: Not reported
Contact Last Name: Southern Natural Gas Company
Contact Email: Not reported
Contact Mail Address: 569 Brookwood Village , Suite 501
Contact Mail City,St,Zip: Birmingham, AL 35209
Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

Contact:

Year: Not reported
Contact ID: CTTR20082V7A1N005TQF
Contact Title: Technician
Contact First Name: Randy
Contact Last Name: Tillman
Contact Email: Not reported
Contact Mail Address: 5675 Arkwright Road
Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

Facility Info:

Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210
Facility ID Last Modified: 2/25/2009
ID: NAICS

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/12/2004
ID: Dun & Bradstreet

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Contact:

Year: Not reported
Contact ID: CTTR20081ZV75T005J40
Contact Title: Owner/Operator
Contact First Name: Not reported
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Contact Email: Not reported
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Contact Mail City,St,Zip: Birmingham, AL 35209
Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

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Year: Not reported
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Contact Title: Technician
Contact First Name: Randy
Contact Last Name: Tillman
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Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

Facility Info:

Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210
Facility ID Last Modified: 2/25/2009
ID: NAICS

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/12/2004
ID: Dun & Bradstreet

Contact:

Year: Not reported
Contact ID: CTTR20081ZV75T005J40
Contact Title: Owner/Operator
Contact First Name: Not reported
Contact Last Name: Southern Natural Gas Company
Contact Email: Not reported
Contact Mail Address: 569 Brookwood Village , Suite 501
Contact Mail City,St,Zip: Birmingham, AL 35209
Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

Contact:

Year: Not reported
Contact ID: CTTR20082V7A1N005TQF
Contact Title: Technician

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Contact First Name: Randy
Contact Last Name: Tillman
Contact Email: Not reported
Contact Mail Address: 5675 Arkwright Road
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Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
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Facility ID Description: NATURAL GAS TRANSMISSION
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Facility ID Last Modified: 2/12/2004
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Contact Mail Country: USA
Contact Type: Owner / Operator
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Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
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Facility Info:

Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210
Facility ID Last Modified: 2/25/2009
ID: NAICS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Year: Not reported
Facility ID Description: Not reported
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Contact Mail Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

Contact:
Year: Not reported
Contact ID: CTTR20082V7A1N005TQF
Contact Title: Technician
Contact First Name: Randy
Contact Last Name: Tillman
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Contact Mail Country: USA
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Contact Type: Emergency Contact
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Facility Info:

Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
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Facility ID Last Modified: 2/12/2004
ID: Dun & Bradstreet

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Year: Not reported
Contact ID: CTTR20081ZV75T005J40

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Contact Title: Owner/Operator
Contact First Name: Not reported
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Contact Mail Country: USA
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Contact Modification Date: 2/25/2009

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Contact Title: Technician
Contact First Name: Randy
Contact Last Name: Tillman
Contact Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION (Continued)

S107774438

Contact Mail Address: 5675 Arkwright Road
Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

Facility Info:

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Contact Last Name: Tillman
Contact Email: Not reported
Contact Mail Address: 5675 Arkwright Road
Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

**M61
NW
1/4-1/2
0.284 mi.
1499 ft.**

**OCMULGEE RIVER CROSSING PROJECT
5675 ARKWRIGHT ROAD
MACON, GA
Site 9 of 15 in cluster M**

**NPDES S127183935
N/A**

**Relative:
Higher
Actual:
414 ft.**

NPDES:
Name: OCMULGEE RIVER CROSSING PROJECT
Address: 5675 ARKWRIGHT ROAD
City,State,Zip: MACON, GA

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OCMULGEE RIVER CROSSING PROJECT (Continued)

S127183935

Notice of Intent Num:	GAR246622
Facility Type Desc:	Not reported
Owner:	Southern Natural Gas Company, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2018
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	10/09/2013
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Linear
Common Development Type:	Not reported
Related Primary:	GAR241526
Operator:	Southern Natural Gas Company, LLC
Postmarked Date:	10/23/2013
Issue Date:	9/23/2013
Permit Status:	Expired
Total Acres:	6.1
50 or More Acres Disturbed:	N
Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	NA
Active or Term:	Active
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

M62
NW
1/4-1/2
0.284 mi.
1499 ft.

5675 ARKWIGHT ROAD
MACON, GA 31210
Site 10 of 15 in cluster M

ERNS 2013039294
N/A

Relative:
Higher
Actual:
414 ft.

Incident Commons:	
NRC Report #:	1039294
Description of Incident:	CALLER STATED THAT THERE WAS A VENT VALVE THAT FAILED AT A COMPRESSOR STATION THAT RELEASED 22,000 MCF'S OF NATURAL GAS TO THE ATMOSPHERE.
Type of Incident:	FIXED
Incident Cause:	EQUIPMENT FAILURE
Incident Date Time:	2013-02-24 13:30:00
Incident DTG:	DISCOVERED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2013039294

Incident Location: OCMULGEE STATION
Location Address: 5675 ARKWIGHT ROAD
Location Street 1: Not reported
Location Street 2: Not reported
Location Nearest City: MACON
Location State: GA
Location County: BIBB
Location Zip: 31210
Distance From City: Not reported
Distance Units: Not reported
Direction From City: Not reported
Lat Deg: Not reported
Lat Min: Not reported
Lat Sec: Not reported
Lat Quad: Not reported
Long Deg: Not reported
Long Min: Not reported
Long Sec: Not reported
Long Quad: Not reported
Location Section: Not reported
Location Township: Not reported
Location range: Not reported
Potential Range: N

Incidents:

NRC Report #: 1039294
Aircraft Type: Not reported
Aircraft Model: Not reported
Aircraft ID: Not reported
Aircraft Fuel Capacity: Not reported
Aircraft Fuel Capacity Units: Not reported
Aircraft Fuel on Board: Not reported
Aircraft Fuel on Board Units: Not reported
Aircraft Spot Number: Not reported
Aircraft Hanger: Not reported
Aircraft Runway Number: Not reported
Road Mile Marker: Not reported
Building ID: Not reported
Type of Fixed Object: OTHER
Power Generating Facility: N
Generating Capacity: Not reported
Type of Fuel: Not reported
NPDES: Not reported
NPDES Compliance: U
Pipeline Type: Not reported
DOT Regulated: U
Pipeline Above Ground: ABOVE
Exposed Underwater: N
Pipeline Covered: U
Railroad Hotline: Not reported
Grade Crossing: U
Location Subdivision: Not reported
Railroad Milepost: Not reported
Type Vehicle Involved: Not reported
Crossing Device Type: Not reported
Device Operational: U
DOT Crossing Number: Not reported
Brake Failure: U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2013039294

Description of Tank:	Not reported
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	Not reported
Tank ID:	Not reported
Capacity of Tank:	Not reported
Capacity of Tank Units:	Not reported
Actual Amount:	Not reported
Actual Amount Units:	Not reported
Platform Rig Name:	Not reported
Platform Letter:	Not reported
Location Area ID:	Not reported
Location Block ID:	Not reported
OCSG Number:	Not reported
OOSP Number:	Not reported
State Lease Number:	Not reported
Pier Dock Number:	Not reported
Berth Slip Number:	Not reported
Continuous Release Type:	Not reported
Initial Continuous Release No:	Not reported
Continuous Release Permit:	Not reported
Allision:	U
Type of Structure:	Not reported
Structure Name:	Not reported
Structure Operational:	U
Airbag Deployed:	U
Date Tiem Normal Service:	Not reported
Service Disruption Time:	Not reported
Service Disruption Units:	Not reported
Transit Bus Flag:	Not reported
CR Begin Date:	Not reported
CR End Date:	Not reported
CR Change Date:	Not reported
FBI Contact:	Not reported
FBI Contact Date Time:	Not reported
Sub Part C Testing Req:	XXX
Conductor Testing:	Not reported
Engineer Testing:	Not reported
Trainman Testing:	Not reported
Yard Foreman Testing:	Not reported
RCL Operator Testing:	Not reported
Brakeman Testing:	Not reported
Train Dispatcher Testing:	Not reported
Signalman Testing:	Not reported
Other Employee Testing:	Not reported
Unknown Testing:	Not reported
Passenger Handling:	Not reported
Passenger Route:	XXX
Passenger Delay:	XXX

Incident Details:

NRC Report #:	1039294
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Number Evacuated:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2013039294

Who Evacuated:	Not reported
Radius of Evacuation:	Not reported
Any Injuries:	N
Number Injured:	Not reported
Number Hospitalized:	Not reported
Any Fatalities:	N
Number Fatalities:	Not reported
Any Damages:	N
Damage Amount:	Not reported
Air Corridor Closed:	N
Air Corridor Desc:	Not reported
Air Closure Time:	Not reported
Waterway Closed:	N
Waterway Desc:	Not reported
Waterway Closure Time:	Not reported
Road Closed:	N
Road Desc:	Not reported
Road Closure Time:	Not reported
Closure Direction:	Not reported
Major Artery:	N
Track Closed:	N
Track Desc:	Not reported
Track Closure Time:	Not reported
Media Interest:	NONE
Medium Desc:	AIR
Additional Medium Info:	Not reported
Body of Water:	Not reported
Tributary of:	Not reported
Release Secured:	Y
Estimated Duration of Release:	Not reported
Release rate:	Not reported
Desc Remedial Action:	VENT VALVE WAS REPAIRED.
State Agency on Scene:	Not reported
State Agency Report Number:	Not reported
Other Agency Notified:	Not reported
Weather Conditions:	UNKNOWN
Air Temperature:	Not reported
Wind Speed:	Not reported
Wind Direction:	Not reported
Water Supply Contaminated:	U
Sheen Size:	Not reported
Sheen Color:	Not reported
Direction of Sheen Travel:	Not reported
Sheen Odor Description:	Not reported
Wave Condition:	Not reported
Current Speed:	Not reported
Current Direction:	Not reported
Water Temperature:	Not reported
Track Close Dir:	Not reported
Empl Fatality:	Not reported
Pass Fatality:	Not reported
Community Impact:	Not reported
Wind Speed Unit:	Not reported
Employee Injuries:	Not reported
Passenger Injuries:	Not reported
Occupant Fatality:	Not reported
Current Speed Unit:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2013039294

Road Closure Units: Not reported
Track Closure Units: Not reported
Sheen Size Units: Not reported
Additional Info: Not reported
State Agency Notified: Not reported
Federal Agency Notified: Not reported
nearest River Mile Marker: Not reported
Sheen Size Length: Not reported
Sheen Size Length Units: Not reported
Sheen Size Width: Not reported
Sheen Size Width Units: Not reported
Offshore: N
Duration Unit: Not reported
Release Rate Unit: Not reported
Release Rate Rate: Not reported
Passengers Transferred: NO

Calls:

NRC Report #: 1039294
Site ID: 20131039294
Date Time Received: 2013-02-24 16:03:48
Date Time Complete: 2013-02-24 16:09:27
Call Type: INC
Responsible Company: KINDERMORGAN SNG
Responsible Org Type: PRIVATE ENTERPRISE
Responsible City: COLORADO SPRINGS
Responsible State: CO
Responsible Zip: Not reported
On Behalf: Not reported
Source: TELEPHONE

Material Involved:

NRC Report #: 1039294
Chris Code: ONG
Case Number: 000000-00-0
UN Number: Not reported
Amount of Material: 22000
Unit of Measure: OTHER
Name of Material: NATURAL GAS
If Reached Water: NO
Amount in Water: Not reported
Unit of Measure Reach Water: Not reported

M63
NW
1/4-1/2
0.284 mi.
1499 ft.

OCMULGEE RIVER CROSSING PROJECT
5675 ARKWRIGHT ROAD
MACON, GA 31210
Site 11 of 15 in cluster M

FINDS 1022957215
ECHO N/A

Relative:
Higher
Actual:
414 ft.

FINDS:
Registry ID: 110061607621
Click Here:

Environmental Interest/Information System:
US National Pollutant Discharge Elimination System (NPDES) module of

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OCMULGEE RIVER CROSSING PROJECT (Continued)

1022957215

the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1022957215
 Registry ID: 110061607621
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110061607621>
 Name: OCMULGEE RIVER CROSSING PROJECT
 Address: 5675 ARKWRIGHT ROAD
 City,State,Zip: MACON, GA 31210

**M64
 NW
 1/4-1/2
 0.284 mi.
 1499 ft.**

**SOUTHERN NATURAL GAS CO., OCMULGEE
 5675 ARKWRIGHT ROAD.
 MACON, GA 35202
 Site 12 of 15 in cluster M**

**AIRS S107751974
 N/A**

**Relative:
 Higher
 Actual:
 414 ft.**

AIRS:
 Name: SOUTHERN NATURAL GAS CO., OCMULGEE
 Address: 5675 ARKWRIGHT ROAD.
 City,State,Zip: MACON, GA 35202-2563
 Record Type: Not reported
 State County FIPS: Not reported
 State Facility Id: 302100021
 Facility Registry Id: Not reported
 Facility Category: Not reported
 Oris Facility code: Not reported
 SIC Primary: Not reported
 NAICS Primary: Not reported
 Dun&Bradstreet Number: Not reported
 Tri Id number: Not reported
 NTI Site id: Not reported
 Facility County: Not reported
 Site Description: Not reported
 Submittal Flag: Not reported
 Tribal Code: Not reported
 AIRS Number: 041302100021
 Operational Status: O
 SIC Code: 4922
 Contact Name: James Tangeman
 Contact Company: El Paso Eastern Pipelines
 Contact Telephone: 2053257633
 Contact Telephone 2: N/A
 Contact Fax: 2053253729
 Contact Email: james.tangeman@elpaso.com
 Contact Address: AM South Center -1900 Fifth Avenue North
 Contact Address 2: N/A
 Contact City,St,Zip: BRIMINGHAM, AL 35203
 Year: 06
 Classification: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Contact Type:	Not reported
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	000000
Longitude:	000000
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Airs EP:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scs Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Emission Release Points:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Airs EU:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Process Annual Throughput:

Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Transaction Table:

Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported
Transaction Comments:	Not reported
Contact Person name:	Not reported
Contact Phone number:	Not reported
Telephone Number type name:	Not reported
Electronic Address text:	Not reported
Electronic Address type name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Source Type: Not reported
Affiliation Type: Not reported
Format Version: Not reported
Tribal Code: Not reported

Name: SOUTHERN NATURAL GAS CO., OCMULGEE
Address: 5675 ARKWRIGHT ROAD.
City,State,Zip: MACON, GA 35202-2563
Record Type: Not reported
State County FIPS: Not reported
State Facility Id: 302100021
Facility Registry Id: Not reported
Facility Category: Not reported
Oris Facility code: Not reported
SIC Primary: Not reported
NAICS Primary: Not reported
Dun&Bradstreet Number: Not reported
Tri Id number: Not reported
NTI Site id: Not reported
Facility County: Not reported
Site Description: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported
AIRS Number: 041302100021
Operational Status: Not reported
SIC Code: 4922
Contact Name: James Tangeman
Contact Company: El Paso Eastern Pipelines
Contact Telephone: 2053257633
Contact Telephone 2: N/A
Contact Fax: 2053253729
Contact Email: james.tangeman@elpaso.com
Contact Address: AM South Center -1900 Fifth Avenue North
Contact Address 2: N/A
Contact City,St,Zip: BRIMINGHAM, AL 35203
Year: Not reported
Classification: Not reported
Contact Type: Not reported
Permit Number: Not reported
Issued Date: Not reported
Latitude: 000000
Longitude: 000000

Control Device Information:

Year: Not reported
Record Type: Not reported
State County Fips: Not reported
State Facility Identifier: Not reported
Emission Unit ID: Not reported
Process ID: Not reported
Pollutant Code: Not reported
Primary Pct control Efficiency: Not reported
Pct Capture Efficiency: Not reported
Total Capture Control Efficiency: Not reported
Primary Device Type Code: Not reported
Secondary Device Type Code: Not reported
Control System Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Id:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scn Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Emission Release Points:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Process Annual Throughput:	
Year:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Record Type: Not reported
State County fips: Not reported
State Facility identifier: Not reported
Emission Unit id: Not reported
Process ID: Not reported
Start Date: Not reported
End Date: Not reported
Start Time: Not reported
End Time: Not reported
Actual Throughput: Not reported
Throughput Unit numerator: Not reported
Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported

Transaction Table:

Year: Not reported
Record Type: Not reported
State County fips: Not reported
Organization Name: Not reported
Transaction Type: Not reported
Inventory Year: Not reported
Inventory Type code: Not reported
Transaction Create date: Not reported
Incremental Submission number: Not reported
Reliability Indicator: Not reported
Transaction Comments: Not reported
Contact Person name: Not reported
Contact Phone number: Not reported
Telephone Number type name: Not reported
Electronic Address text: Not reported
Electronic Address type name: Not reported
Source Type: Not reported
Affiliation Type: Not reported
Format Version: Not reported
Tribal Code: Not reported

Name: SOUTHERN NATURAL GAS CO., OCMULGEE
Address: 5675 ARKWRIGHT ROAD.
City,State,Zip: MACON, GA 35202-2563
Record Type: Not reported
State County FIPS: Not reported
State Facility Id: 302100021
Facility Registry Id: Not reported
Facility Category: Not reported
Oris Facility code: Not reported
SIC Primary: Not reported
NAICS Primary: Not reported
Dun&Bradstreet Number: Not reported
Tri Id number: Not reported
NTI Site id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Facility County: Not reported
Site Description: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported
AIRS Number: 041302100021
Operational Status: O
SIC Code: 4922
Contact Name: James Tangeman
Contact Company: El Paso Eastern Pipelines
Contact Telephone: 2053257633
Contact Telephone 2: N/A
Contact Fax: 2053253729
Contact Email: james.tangeman@elpaso.com
Contact Address: AM South Center -1900 Fifth Avenue North
Contact Address 2: N/A
Contact City,St,Zip: BRIMINGHAM, AL 35203
Year: Not reported
Classification: Not reported
Contact Type: Not reported
Permit Number: Not reported
Issued Date: Not reported
Latitude: 000000
Longitude: 000000

Control Device Information:

Year: Not reported
Record Type: Not reported
State County Fips: Not reported
State Facility Identifier: Not reported
Emission Unit ID: Not reported
Process ID: Not reported
Pollutant Code: Not reported
Primary Pct control Efficiency: Not reported
Pct Capture Efficiency: Not reported
Total Capture Control Efficiency: Not reported
Primary Device Type Code: Not reported
Secondary Device Type Code: Not reported
Control System Description: Not reported
Third Control Device Type Code: Not reported
Fourth Control Device Type Code: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported

Airs Emissions:

Year: Not reported
Record Type: Not reported
State County Fips: Not reported
State Facility Identifier: Not reported
Emission Unit ID: Not reported
Process Id: Not reported
Pollutant Code: Not reported
Emission Release Point ID: Not reported
Start Date: Not reported
End Date: Not reported
Start Time: Not reported
End Time: Not reported
Emission Numeric Value: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scn Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Emission Release Points:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Process Annual Throughput:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Transaction Table:

Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported
Transaction Comments:	Not reported
Contact Person name:	Not reported
Contact Phone number:	Not reported
Telephone Number type name:	Not reported
Electronic Address text:	Not reported
Electronic Address type name:	Not reported
Source Type:	Not reported
Affiliation Type:	Not reported
Format Version:	Not reported
Tribal Code:	Not reported

Name:	SOUTHERN NATURAL GAS CO., OCMULGEE
Address:	5675 ARKWRIGHT ROAD.
City,State,Zip:	MACON, GA 35202-2563
Record Type:	SI
State County FIPS:	13021
State Facility Id:	02100021
Facility Registry Id:	Not reported
Facility Category:	Not reported
Oris Facility code:	Not reported
SIC Primary:	4922
NAICS Primary:	486210
Dun&Bradstreet Number:	Not reported
Tri Id number:	Not reported
NTI Site id:	Not reported
Facility County:	Not reported
Site Description:	Natural Gas Compressors
Submittal Flag:	A
Tribal Code:	000
AIRS Number:	Not reported
Operational Status:	Not reported
SIC Code:	Not reported
Contact Name:	Not reported
Contact Company:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Address:	Not reported
Contact City,St,Zip:	Not reported
Year:	08
Classification:	Not reported
Contact Type:	Not reported
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Longitude:	Not reported
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003
Process Id:	P001
Pollutant Code:	CO
Emission Release Point ID:	C03S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	3.1600000000000001
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.89999998
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	10
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Emission Unit ID: C004
Process Id: P001
Pollutant Code: CO
Emission Release Point ID: C04S
Start Date: 20080101
End Date: 20081231
Start Time: Not reported
End Time: Not reported
Emission Numeric Value: 4.7800000000000002
Emission Unit Numerator: TON
Emission Type: 30
Em Reliability Indicator: Not reported
Factor Numeric Value: 0.89999998
Factor Unit Numerator: G
Factor Unit Denominator: HP-HR
Material: Not reported
Material Io: Not reported
Emission Calculation Method Code: 10
Ef Reliability Indicator: Not reported
Rule Effectiveness: 0.89999998
Rule Effectiveness Method: 01
Hap Emissions Performance Level: 01
Control Status: UNCONTROLLED
Emission Data Level: PROCESS
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EM
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C003
Process Id: P001
Pollutant Code: VOC
Emission Release Point ID: C03S
Start Date: 20080101
End Date: 20081231
Start Time: Not reported
End Time: Not reported
Emission Numeric Value: 2.29
Emission Unit Numerator: TON
Emission Type: 30
Em Reliability Indicator: Not reported
Factor Numeric Value: 0.653
Factor Unit Numerator: G
Factor Unit Denominator: HP-HR
Material: Not reported
Material Io: Not reported
Emission Calculation Method Code: 08
Ef Reliability Indicator: Not reported
Rule Effectiveness: 0.89999998
Rule Effectiveness Method: 01
Hap Emissions Performance Level: 01
Control Status: UNCONTROLLED
Emission Data Level: PROCESS
Submittal Flag: A
Tribal Code: 000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Year: 08
Record Type: EM
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C001
Process Id: P001
Pollutant Code: VOC
Emission Release Point ID: C01S
Start Date: 20080101
End Date: 20081231
Start Time: Not reported
End Time: Not reported
Emission Numeric Value: 2.1400000000000001
Emission Unit Numerator: TON
Emission Type: 30
Em Reliability Indicator: Not reported
Factor Numeric Value: 0.653
Factor Unit Numerator: G
Factor Unit Denominator: HP-HR
Material: Not reported
Material Io: Not reported
Emission Calculation Method Code: 08
Ef Reliability Indicator: Not reported
Rule Effectiveness: 0.89999998
Rule Effectiveness Method: 01
Hap Emissions Performance Level: 01
Control Status: UNCONTROLLED
Emission Data Level: PROCESS
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EM
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C003
Process Id: P001
Pollutant Code: NOX
Emission Release Point ID: C03S
Start Date: 20080101
End Date: 20081231
Start Time: Not reported
End Time: Not reported
Emission Numeric Value: 45.289999999999999
Emission Unit Numerator: TON
Emission Type: 30
Em Reliability Indicator: Not reported
Factor Numeric Value: 12.91
Factor Unit Numerator: G
Factor Unit Denominator: HP-HR
Material: Not reported
Material Io: Not reported
Emission Calculation Method Code: 10
Ef Reliability Indicator: Not reported
Rule Effectiveness: 0.89999998
Rule Effectiveness Method: 01
Hap Emissions Performance Level: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C002
Process Id:	P001
Pollutant Code:	VOC
Emission Release Point ID:	C02S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	2.2400000000000002
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.653
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C004
Process Id:	P001
Pollutant Code:	PM25-PRI
Emission Release Point ID:	C04S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	1.3999999999999999
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.25999999
Factor Unit Numerator:	G
Factor Unit Denominator:	HP-HR
Material:	Not reported
Material Io:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C001
Process Id:	P001
Pollutant Code:	SO2
Emission Release Point ID:	C01S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	8.9999999999999993E-3
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported
Factor Numeric Value:	0.60000002
Factor Unit Numerator:	LB
Factor Unit Denominator:	E6FT3S
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	08
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	0.89999998
Rule Effectiveness Method:	01
Hap Emissions Performance Level:	01
Control Status:	UNCONTROLLED
Emission Data Level:	PROCESS
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EM
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C005
Process Id:	P001
Pollutant Code:	VOC
Emission Release Point ID:	C05S
Start Date:	20080101
End Date:	20081231
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	7.5300000000000002
Emission Unit Numerator:	TON
Emission Type:	30
Em Reliability Indicator:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Factor Numeric Value: 0.653
Factor Unit Numerator: G
Factor Unit Denominator: HP-HR
Material: Not reported
Material Io: Not reported
Emission Calculation Method Code: 08
Ef Reliability Indicator: Not reported
Rule Effectiveness: 0.89999998
Rule Effectiveness Method: 01
Hap Emissions Performance Level: 01
Control Status: UNCONTROLLED
Emission Data Level: PROCESS
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EM
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C003
Process Id: P001
Pollutant Code: SO2
Emission Release Point ID: C03S
Start Date: 20080101
End Date: 20081231
Start Time: Not reported
End Time: Not reported
Emission Numeric Value: 8.9999999999999993E-3
Emission Unit Numerator: TON
Emission Type: 30
Em Reliability Indicator: Not reported
Factor Numeric Value: 0.60000002
Factor Unit Numerator: LB
Factor Unit Denominator: E6FT3S
Material: Not reported
Material Io: Not reported
Emission Calculation Method Code: 08
Ef Reliability Indicator: Not reported
Rule Effectiveness: 0.89999998
Rule Effectiveness Method: 01
Hap Emissions Performance Level: 01
Control Status: UNCONTROLLED
Emission Data Level: PROCESS
Submittal Flag: A
Tribal Code: 000

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Airs EP:

Year: 08
Record Type: EP
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C004
Emission Release Point ID: C04S
Process ID: P001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Scs Number: 20200252
Process Mact Code: Not reported
Emission Process Description: Natural Gas Combustion
Winter Throughput Pct: 17
Spring Throughput Pct: 19
Summer Throughput Pct: 32
Fall Throughput Pct: 32
Annual Average Days Per Week: 7
Annual Average Weeks Per Year: 52
Annual Average Hours Per Day: 11
Annual Average Hours Per Year: 4196
Heat Content: 1100
Sulfur Content: 0
Ash Content: 0
Process Mact compliance Status: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EP
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C001
Emission Release Point ID: C01S
Process ID: P001
Scs Number: 20200252
Process Mact Code: Not reported
Emission Process Description: Natural Gas Combustion
Winter Throughput Pct: 38
Spring Throughput Pct: 5
Summer Throughput Pct: 26
Fall Throughput Pct: 31
Annual Average Days Per Week: 7
Annual Average Weeks Per Year: 52
Annual Average Hours Per Day: 7
Annual Average Hours Per Year: 2486
Heat Content: 1100
Sulfur Content: 0
Ash Content: 0
Process Mact compliance Status: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EP
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C005
Emission Release Point ID: C05S
Process ID: P001
Scs Number: 20200252
Process Mact Code: Not reported
Emission Process Description: Natural Gas Combustion
Winter Throughput Pct: 25
Spring Throughput Pct: 20
Summer Throughput Pct: 28
Fall Throughput Pct: 27

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	17
Annual Average Hours Per Year:	6167
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C003
Emission Release Point ID:	C03S
Process ID:	P001
Scs Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	30
Spring Throughput Pct:	26
Summer Throughput Pct:	34
Fall Throughput Pct:	10
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	7
Annual Average Hours Per Year:	2746
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C006
Emission Release Point ID:	C06S
Process ID:	P001
Scs Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	26
Spring Throughput Pct:	19
Summer Throughput Pct:	27
Fall Throughput Pct:	28
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	18
Annual Average Hours Per Year:	6537
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C002
Emission Release Point ID:	C02S
Process ID:	P001
Scs Number:	20200252
Process Mact Code:	Not reported
Emission Process Description:	Natural Gas Combustion
Winter Throughput Pct:	41
Spring Throughput Pct:	18
Summer Throughput Pct:	28
Fall Throughput Pct:	13
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	7
Annual Average Hours Per Year:	2633
Heat Content:	1100
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	Not reported
Submittal Flag:	A
Tribal Code:	000
Year:	04
Record Type:	EP
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C001
Emission Release Point ID:	S001
Process ID:	1
Scs Number:	20200252
Process Mact Code:	N/A
Emission Process Description:	N/A
Winter Throughput Pct:	32
Spring Throughput Pct:	47
Summer Throughput Pct:	15
Fall Throughput Pct:	6
Annual Average Days Per Week:	7
Annual Average Weeks Per Year:	52
Annual Average Hours Per Day:	24
Annual Average Hours Per Year:	8736
Heat Content:	1000
Sulfur Content:	0
Ash Content:	0
Process Mact compliance Status:	N/A
Submittal Flag:	N/A
Tribal Code:	000
Year:	04
Record Type:	EP
State County Fips:	13021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

State Facility Identifier: 02100021
Emission Unit ID: C005
Emission Release Point ID: S005
Process ID: 1
Scs Number: 20200252
Process Mact Code: N/A
Emission Process Description: N/A
Winter Throughput Pct: 29
Spring Throughput Pct: 30
Summer Throughput Pct: 26
Fall Throughput Pct: 15
Annual Average Days Per Week: 7
Annual Average Weeks Per Year: 52
Annual Average Hours Per Day: 24
Annual Average Hours Per Year: 8736
Heat Content: 1000
Sulfur Content: 0
Ash Content: 0
Process Mact compliance Status: N/A
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: EP
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C003
Emission Release Point ID: S003
Process ID: 1
Scs Number: 20200252
Process Mact Code: N/A
Emission Process Description: N/A
Winter Throughput Pct: 36
Spring Throughput Pct: 18
Summer Throughput Pct: 34
Fall Throughput Pct: 12
Annual Average Days Per Week: 7
Annual Average Weeks Per Year: 52
Annual Average Hours Per Day: 24
Annual Average Hours Per Year: 8736
Heat Content: 1000
Sulfur Content: 0
Ash Content: 0
Process Mact compliance Status: N/A
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: EP
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C004
Emission Release Point ID: S004
Process ID: 1
Scs Number: 20200252
Process Mact Code: N/A
Emission Process Description: N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Winter Throughput Pct: 39
Spring Throughput Pct: 26
Summer Throughput Pct: 20
Fall Throughput Pct: 15
Annual Average Days Per Week: 7
Annual Average Weeks Per Year: 52
Annual Average Hours Per Day: 24
Annual Average Hours Per Year: 8736
Heat Content: 1000
Sulfur Content: 0
Ash Content: 0
Process Mact compliance Status: N/A
Submittal Flag: N/A
Tribal Code: 000

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Emission Release Points:

Year: 08
Record Type: ER
State County Fips: 13021
State Facility Identifier: 02100021
Emission Release Point ID: C05S
Emission Release Point Type: 02
Stack Height: 32
Stack Diameter: 1.5
Stack Fenceline Distance: Not reported
Exit Gas Temperature: 900
Exit Gas Velocity: 63.200001
Exit Gas Flowrate: 111.68
X Coordinate: -83.71199599999999
Y Coordinate: 32.935875000000003
Utm Zone: Not reported
X Y coordinate Type: LATLON
Horizontal Area Fugitive: Not reported
Release Height Fugitive: Not reported
Fugitive Dimensions Unit: Not reported
Emission Release Point Description: No. 5 Compressor Engine Vent Stack
Submittal Flag: A
Horizontal Collection method Code: 007
Horizontal Accuracy Measure: 25
Horizontal Reference datum Code: 002
Reference Point Code: 106
Source Map scale Number: Not reported
Coordinate Data source Code: Not reported
Tribal Code: 000

Year: 08
Record Type: ER
State County Fips: 13021
State Facility Identifier: 02100021
Emission Release Point ID: C02S
Emission Release Point Type: 02
Stack Height: 32
Stack Diameter: 1.5
Stack Fenceline Distance: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Exit Gas Temperature: 900
Exit Gas Velocity: 52.599998
Exit Gas Flowrate: 92.949997
X Coordinate: -83.71199599999999
Y Coordinate: 32.935875000000003
Utm Zone: Not reported
X Y coordinate Type: LATLON
Horizontal Area Fugitive: Not reported
Release Height Fugitive: Not reported
Fugitive Dimensions Unit: Not reported
Emission Release Point Description: No. 2 Compressor Engine Vent Stack
Submittal Flag: A
Horizontal Collection method Code: 007
Horizontal Accuracy Measure: 25
Horizontal Reference datum Code: 002
Reference Point Code: 106
Source Map scale Number: Not reported
Coordinate Data source Code: Not reported
Tribal Code: 000

Year: 08
Record Type: ER
State County Fips: 13021
State Facility Identifier: 02100021
Emission Release Point ID: C01S
Emission Release Point Type: 02
Stack Height: 32
Stack Diameter: 1.5
Stack Fenceline Distance: Not reported
Exit Gas Temperature: 900
Exit Gas Velocity: 52.599998
Exit Gas Flowrate: 92.949997
X Coordinate: -83.71199599999999
Y Coordinate: 32.935875000000003
Utm Zone: Not reported
X Y coordinate Type: LATLON
Horizontal Area Fugitive: Not reported
Release Height Fugitive: Not reported
Fugitive Dimensions Unit: Not reported
Emission Release Point Description: No. 1 Compressor Engine Vent Stack
Submittal Flag: A
Horizontal Collection method Code: 007
Horizontal Accuracy Measure: 25
Horizontal Reference datum Code: 002
Reference Point Code: 106
Source Map scale Number: Not reported
Coordinate Data source Code: Not reported
Tribal Code: 000

Year: 08
Record Type: ER
State County Fips: 13021
State Facility Identifier: 02100021
Emission Release Point ID: C04S
Emission Release Point Type: 02
Stack Height: 32
Stack Diameter: 1.5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	52.599998
Exit Gas Flowrate:	92.949997
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 4 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	08
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	C03S
Emission Release Point Type:	02
Stack Height:	32
Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	52.599998
Exit Gas Flowrate:	92.949997
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 3 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	08
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	C06S
Emission Release Point Type:	02
Stack Height:	32

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Stack Diameter:	1.5
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	900
Exit Gas Velocity:	63.200001
Exit Gas Flowrate:	111.68
X Coordinate:	-83.71199599999999
Y Coordinate:	32.935875000000003
Utm Zone:	Not reported
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	No. 6 Compressor Engine Vent Stack
Submittal Flag:	A
Horizontal Collection method Code:	007
Horizontal Accuracy Measure:	25
Horizontal Reference datum Code:	002
Reference Point Code:	106
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	000
Year:	04
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	S004
Emission Release Point Type:	02
Stack Height:	32.099998
Stack Diameter:	1.17
Stack Fenceline Distance:	0
Exit Gas Temperature:	582
Exit Gas Velocity:	220.86
Exit Gas Flowrate:	236.10001
X Coordinate:	-83.714169999999996
Y Coordinate:	32.9375
Utm Zone:	0
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	0
Release Height Fugitive:	0
Fugitive Dimensions Unit:	N/A
Emission Release Point Description:	N/A
Submittal Flag:	N/A
Horizontal Collection method Code:	027
Horizontal Accuracy Measure:	13
Horizontal Reference datum Code:	003
Reference Point Code:	106
Source Map scale Number:	N/A
Coordinate Data source Code:	N/A
Tribal Code:	000
Year:	04
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	S002
Emission Release Point Type:	02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Stack Height:	32.099998
Stack Diameter:	1.17
Stack Fenceline Distance:	0
Exit Gas Temperature:	582
Exit Gas Velocity:	220.86
Exit Gas Flowrate:	236.10001
X Coordinate:	-83.714169999999996
Y Coordinate:	32.9375
Utm Zone:	0
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	0
Release Height Fugitive:	0
Fugitive Dimensions Unit:	N/A
Emission Release Point Description:	N/A
Submittal Flag:	N/A
Horizontal Collection method Code:	027
Horizontal Accuracy Measure:	13
Horizontal Reference datum Code:	003
Reference Point Code:	106
Source Map scale Number:	N/A
Coordinate Data source Code:	N/A
Tribal Code:	000
Year:	04
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	S003
Emission Release Point Type:	02
Stack Height:	32.099998
Stack Diameter:	1.17
Stack Fenceline Distance:	0
Exit Gas Temperature:	582
Exit Gas Velocity:	220.86
Exit Gas Flowrate:	236.10001
X Coordinate:	-83.714169999999996
Y Coordinate:	32.9375
Utm Zone:	0
X Y coordinate Type:	LATLON
Horizontal Area Fugitive:	0
Release Height Fugitive:	0
Fugitive Dimensions Unit:	N/A
Emission Release Point Description:	N/A
Submittal Flag:	N/A
Horizontal Collection method Code:	027
Horizontal Accuracy Measure:	13
Horizontal Reference datum Code:	003
Reference Point Code:	106
Source Map scale Number:	N/A
Coordinate Data source Code:	N/A
Tribal Code:	000
Year:	04
Record Type:	ER
State County Fips:	13021
State Facility Identifier:	02100021
Emission Release Point ID:	S006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Emission Release Point Type: 02
Stack Height: 29
Stack Diameter: 1.67
Stack Fenceline Distance: 0
Exit Gas Temperature: 582
Exit Gas Velocity: 124.19
Exit Gas Flowrate: 271.88751
X Coordinate: -83.714169999999996
Y Coordinate: 32.9375
Utm Zone: 0
X Y coordinate Type: LATLON
Horizontal Area Fugitive: 0
Release Height Fugitive: 0
Fugitive Dimensions Unit: N/A
Emission Release Point Description: N/A
Submittal Flag: N/A
Horizontal Collection method Code: 027
Horizontal Accuracy Measure: 13
Horizontal Reference datum Code: 003
Reference Point Code: 106
Source Map scale Number: N/A
Coordinate Data source Code: N/A
Tribal Code: 000

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Airs EU:

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C003
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 15
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 3
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C004
Oris Boiler ID: Not reported
Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 15
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EU
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C006
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	18.5
Design Capacity Unit Numerator:	E6BTU
Design Capacity Unit Denominator:	HR
Max Nameplate Capacity:	-1
Emission Unit Description:	Compressor Engine No. 6
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EU
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C002
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	15
Design Capacity Unit Numerator:	E6BTU
Design Capacity Unit Denominator:	HR
Max Nameplate Capacity:	-1
Emission Unit Description:	Compressor Engine No. 2
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EU
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C001
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	15
Design Capacity Unit Numerator:	E6BTU
Design Capacity Unit Denominator:	HR
Max Nameplate Capacity:	-1
Emission Unit Description:	Compressor Engine No. 1
Submittal Flag:	A
Tribal Code:	000
Year:	08
Record Type:	EU
State County Fips:	13021
State Facility Identifier:	02100021
Emission Unit ID:	C005
Oris Boiler ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Sic Unit Level: Not reported
Naics Unit Level: Not reported
Design Capacity: 18.5
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: -1
Emission Unit Description: Compressor Engine No. 5
Submittal Flag: A
Tribal Code: 000

Year: 04
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C003
Oris Boiler ID: Not reported
Sic Unit Level: 4922
Naics Unit Level: 48621
Design Capacity: 11
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: 4
Emission Unit Description: N/A
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C005
Oris Boiler ID: Not reported
Sic Unit Level: 4922
Naics Unit Level: 48621
Design Capacity: 11
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: 5
Emission Unit Description: N/A
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C004
Oris Boiler ID: Not reported
Sic Unit Level: 4922
Naics Unit Level: 48621
Design Capacity: 11
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: 4
Emission Unit Description: N/A
Submittal Flag: N/A
Tribal Code: 000

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Year: 04
Record Type: EU
State County Fips: 13021
State Facility Identifier: 02100021
Emission Unit ID: C002
Oris Boiler ID: Not reported
Sic Unit Level: 4922
Naics Unit Level: 48621
Design Capacity: 11
Design Capacity Unit Numerator: E6BTU
Design Capacity Unit Denominator: HR
Max Nameplate Capacity: 4
Emission Unit Description: N/A
Submittal Flag: N/A
Tribal Code: 000

[Click this hyperlink](#) while viewing on your computer to access additional GA_AIRS_EU: detail in the EDR Site Report.

Process Annual Throughput:

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C002
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 32.41
Throughput Unit numerator: E6FT3S
Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C004
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 47.540001
Throughput Unit numerator: E6FT3S
Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C005
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 85.620003
Throughput Unit numerator: E6FT3S
Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C003
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 30.280001
Throughput Unit numerator: E6FT3S
Material: Not reported
Material lo: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C006
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Actual Throughput: 94.279999
Throughput Unit numerator: E6FT3S
Material: Not reported
Material Io: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 08
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C001
Process ID: P001
Start Date: 20080101
End Date: 20081231
Start Time: 0
End Time: Not reported
Actual Throughput: 28.290001
Throughput Unit numerator: E6FT3S
Material: Not reported
Material Io: Not reported
Period Days per week: Not reported
Period Weeks per period: Not reported
Period Hours per day: Not reported
Period Hours per period: Not reported
Submittal Flag: A
Tribal Code: 000

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C002
Process ID: 1
Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 28.1
Throughput Unit numerator: E6FT3
Material: 0
Material Io: N/A
Period Days per week: 0
Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Emission Unit id: C004
Process ID: 1
Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 52.099998
Throughput Unit numerator: E6FT3
Material: 0
Material lo: N/A
Period Days per week: 0
Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C006
Process ID: 1
Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 91.699997
Throughput Unit numerator: E6FT3
Material: 0
Material lo: N/A
Period Days per week: 0
Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A
Tribal Code: 000

Year: 04
Record Type: PE
State County fips: 13021
State Facility identifier: 02100021
Emission Unit id: C005
Process ID: 1
Start Date: 20040101
End Date: 20041231
Start Time: 0
End Time: 0
Actual Throughput: 86.900002
Throughput Unit numerator: E6FT3
Material: 0
Material lo: N/A
Period Days per week: 0
Period Weeks per period: 0
Period Hours per day: 0
Period Hours per period: 0
Submittal Flag: N/A

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Tribal Code: 000

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Transaction Table:

Year: 08
Record Type: TR
State County fips: 13153
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us
Electronic Address type name: Email
Source Type: POINT
Affiliation Type: Report Certifier
Format Version: 3.0999999
Tribal Code: 000

Year: 08
Record Type: TR
State County fips: 13229
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us
Electronic Address type name: Email
Source Type: POINT
Affiliation Type: Report Certifier
Format Version: 3.0999999
Tribal Code: 000

Year: 08
Record Type: TR
State County fips: 13003
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13215
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13255
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13081

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us
Electronic Address type name: Email
Source Type: POINT
Affiliation Type: Report Certifier
Format Version: 3.0999999
Tribal Code: 000

Year: 08
Record Type: TR
State County fips: 13115
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us
Electronic Address type name: Email
Source Type: POINT
Affiliation Type: Report Certifier
Format Version: 3.0999999
Tribal Code: 000

Year: 08
Record Type: TR
State County fips: 13211
Organization Name: Georgia Environmental Protection Division
Transaction Type: 00
Inventory Year: 2008
Inventory Type code: CRIT
Transaction Create date: 20050820
Incremental Submission number: 1
Reliability Indicator: 0
Transaction Comments: N/A
Contact Person name: Brian Gregory
Contact Phone number: 404.363.7134
Telephone Number type name: Office
Electronic Address text: brian_gregory@dnr.state.ga.us
Electronic Address type name: Email
Source Type: POINT
Affiliation Type: Report Certifier

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS CO., OCMULGEE (Continued)

S107751974

Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13195
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000
Year:	08
Record Type:	TR
State County fips:	13247
Organization Name:	Georgia Environmental Protection Division
Transaction Type:	00
Inventory Year:	2008
Inventory Type code:	CRIT
Transaction Create date:	20050820
Incremental Submission number:	1
Reliability Indicator:	0
Transaction Comments:	N/A
Contact Person name:	Brian Gregory
Contact Phone number:	404.363.7134
Telephone Number type name:	Office
Electronic Address text:	brian_gregory@dnr.state.ga.us
Electronic Address type name:	Email
Source Type:	POINT
Affiliation Type:	Report Certifier
Format Version:	3.0999999
Tribal Code:	000

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MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

M65 **SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COM**
NW **5675 ARKWRIGHT ROAD**
1/4-1/2 **MACON, GA 31210**
0.284 mi.
1499 ft. **Site 13 of 15 in cluster M**

US AIRS **1015737863**
N/A

Relative:
Higher
Actual:
414 ft.

US AIRS (AFS):
 Envid: 1015737863
 Region Code: 04
 County Code: GA021
 Programmatic ID: AIR GA0000001302100021
 Facility Registry ID: 110005698316
 D and B Number: Not reported
 Facility Site Name: SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION
 Primary SIC Code: 4922
 NAICS Code: 486210
 Default Air Classification Code: MAJ
 Facility Type of Ownership Code: Not reported
 Air CMS Category Code: TVM
 HPV Status: Not reported

US AIRS (AFS):
 Region Code: 04
 Programmatic ID: AIR GA0000001302100021
 Facility Registry ID: 110005698316
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: MACT Standards (40 CFR Part 63)
 Activity Date: 2002-09-30 00:00:00
 Activity Status Date: 2015-01-20 14:22:16
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Active

Region Code: 04
 Programmatic ID: AIR GA0000001302100021
 Facility Registry ID: 110005698316
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: MACT Standards (40 CFR Part 63)
 Activity Date: 2015-02-02 00:00:00
 Activity Status Date: 2015-04-29 00:02:28
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Active

Region Code: 04
 Programmatic ID: AIR GA0000001302100021
 Facility Registry ID: 110005698316
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: MACT Standards (40 CFR Part 63)
 Activity Date: 2015-02-10 00:00:00
 Activity Status Date: 2015-04-29 00:03:16
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Active

Region Code: 04
 Programmatic ID: AIR GA0000001302100021

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2015-04-20 00:00:00
Activity Status Date: 2015-05-27 00:01:12
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2015-05-07 00:00:00
Activity Status Date: 2015-07-29 00:00:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2015-05-08 00:00:00
Activity Status Date: 2015-07-01 00:02:20
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2015-05-08 00:00:00
Activity Status Date: 2015-07-01 00:02:22
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2015-05-26 00:00:00
Activity Status Date: 2015-05-27 00:01:12
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Map ID
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MAP FINDINGS

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EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2015-07-24 00:00:00
Activity Status Date: 2015-08-05 00:00:36
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2016-01-28 00:00:00
Activity Status Date: 2016-02-10 00:31:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2016-02-03 00:00:00
Activity Status Date: 2016-02-10 00:32:25
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2016-02-09 00:00:00
Activity Status Date: 2016-02-17 00:20:06
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2016-02-15 00:00:00
Activity Status Date: 2016-02-17 00:20:06
Activity Group: Compliance Monitoring

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EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2016-07-29 00:00:00
Activity Status Date: 2016-08-10 00:22:15
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2005-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2005-07-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2006-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)

Map ID
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MAP FINDINGS

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EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 2006-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2006-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2006-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2006-08-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

Map ID
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EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2008-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2008-03-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2008-05-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2008-06-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2009-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2009-02-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2009-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2010-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2010-02-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2010-04-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2010-04-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2010-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)

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Database(s)

EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 2011-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2011-02-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2011-07-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2011-09-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2011-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

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Database(s)

EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2012-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2012-02-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2012-05-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2012-05-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2012-06-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
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Database(s)

EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2012-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2013-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2013-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2013-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2013-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
Direction
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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2013-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2014-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2014-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2014-05-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 2014-06-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2014-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2002-09-30 00:00:00
Activity Status Date: 2015-01-20 14:22:16
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2015-02-02 00:00:00
Activity Status Date: 2015-04-29 00:02:28
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2015-02-10 00:00:00
Activity Status Date: 2015-04-29 00:03:16
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

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EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2015-04-20 00:00:00
Activity Status Date: 2015-05-27 00:01:12
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2015-05-07 00:00:00
Activity Status Date: 2015-07-29 00:00:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2015-05-08 00:00:00
Activity Status Date: 2015-07-01 00:02:20
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2015-05-08 00:00:00
Activity Status Date: 2015-07-01 00:02:22
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2015-05-26 00:00:00
Activity Status Date: 2015-05-27 00:01:12
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Map ID
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Database(s)

EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2015-07-24 00:00:00
Activity Status Date: 2015-08-05 00:00:36
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2016-01-28 00:00:00
Activity Status Date: 2016-02-10 00:31:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2016-02-03 00:00:00
Activity Status Date: 2016-02-10 00:32:25
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2016-02-09 00:00:00
Activity Status Date: 2016-02-17 00:20:06
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2016-02-15 00:00:00
Activity Status Date: 2016-02-17 00:20:06
Activity Group: Compliance Monitoring

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2016-07-29 00:00:00
Activity Status Date: 2016-08-10 00:22:15
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2005-07-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2006-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2006-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards

Map ID
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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 2006-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2006-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2006-08-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2007-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2007-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

Map ID
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Database(s)

EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2007-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2008-03-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2008-05-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2008-06-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2009-02-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
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EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2009-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2010-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2010-02-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2010-04-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2010-04-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
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Database(s)

EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2010-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2011-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2011-02-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2011-07-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards

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EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 2011-09-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2011-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2012-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2012-02-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2012-05-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2012-05-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2012-06-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2012-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2013-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2013-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2013-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2013-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2013-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2014-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2014-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2014-05-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2014-06-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2014-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-09-30 00:00:00
Activity Status Date: 2015-01-20 14:22:16
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 2015-02-02 00:00:00
Activity Status Date: 2015-04-29 00:02:28
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-02-10 00:00:00
Activity Status Date: 2015-04-29 00:03:16
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-04-20 00:00:00
Activity Status Date: 2015-05-27 00:01:12
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-05-07 00:00:00
Activity Status Date: 2015-07-29 00:00:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-05-08 00:00:00
Activity Status Date: 2015-07-01 00:02:20
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-05-08 00:00:00
Activity Status Date: 2015-07-01 00:02:22
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-05-26 00:00:00
Activity Status Date: 2015-05-27 00:01:12
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-07-24 00:00:00
Activity Status Date: 2015-08-05 00:00:36
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-01-28 00:00:00
Activity Status Date: 2016-02-10 00:31:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-02-03 00:00:00
Activity Status Date: 2016-02-10 00:32:25
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

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EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-02-09 00:00:00
Activity Status Date: 2016-02-17 00:20:06
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-02-15 00:00:00
Activity Status Date: 2016-02-17 00:20:06
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-07-29 00:00:00
Activity Status Date: 2016-08-10 00:22:15
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-08-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-07-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1993-04-22 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1995-06-08 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1996-03-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1996-11-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 1997-11-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-05-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-03-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-02-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-07-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
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EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-08-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2007-01-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2007-02-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2007-07-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Map ID
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EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 2008-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-03-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-05-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-06-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

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EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-02-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-04-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-04-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-02-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-07-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2011-09-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2011-09-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-01-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-02-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 2012-05-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-05-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-06-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

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EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-05-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-09-30 00:00:00
Activity Status Date: 2015-01-20 14:22:16
Activity Group: Compliance Monitoring

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EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-02-02 00:00:00
Activity Status Date: 2015-04-29 00:02:28
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-02-10 00:00:00
Activity Status Date: 2015-04-29 00:03:16
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-04-20 00:00:00
Activity Status Date: 2015-05-27 00:01:12
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-05-07 00:00:00
Activity Status Date: 2015-07-29 00:00:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

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EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 2015-05-08 00:00:00
Activity Status Date: 2015-07-01 00:02:20
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-05-08 00:00:00
Activity Status Date: 2015-07-01 00:02:22
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-05-26 00:00:00
Activity Status Date: 2015-05-27 00:01:12
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-07-24 00:00:00
Activity Status Date: 2015-08-05 00:00:36
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-01-28 00:00:00
Activity Status Date: 2016-02-10 00:31:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

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EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-02-03 00:00:00
Activity Status Date: 2016-02-10 00:32:25
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-02-09 00:00:00
Activity Status Date: 2016-02-17 00:20:06
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-02-15 00:00:00
Activity Status Date: 2016-02-17 00:20:06
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-07-29 00:00:00
Activity Status Date: 2016-08-10 00:22:15
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
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Database(s)

EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-02-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
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EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-07-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

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EDR ID Number
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SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 2006-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-08-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-03-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-05-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-06-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-02-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-02-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-04-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-04-22 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-07-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-01-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-02-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	04
Programmatic ID:	AIR GA0000001302100021
Facility Registry ID:	110005698316
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Date: 2011-07-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-09-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-02-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-05-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-05-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-06-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS COMPANY, L.L.C.- OCMULGEE COMP. STATION (Continued)

1015737863

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-05-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-06-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR GA0000001302100021
Facility Registry ID: 110005698316
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G66
SSW
1/4-1/2
0.285 mi.
1507 ft.

BUTLER NISSAN
4500 RIVERSIDE DRIVE
MACON, GA 31210

Site 6 of 7 in cluster G

FINDS 1022974222
ECHO N/A

Relative:
Lower

FINDS:
Registry ID: 110070010572

Actual:
316 ft.

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1022974222
Registry ID: 110070010572
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070010572>
Name: BUTLER NISSAN
Address: 4500 RIVERSIDE DRIVE
City,State,Zip: MACON, GA 31210

G67
SSW
1/4-1/2
0.285 mi.
1507 ft.

BUTLER NISSAN
4500 RIVERSIDE DRIVE
MACON, GA 31210

Site 7 of 7 in cluster G

NPDES S127167362
N/A

Relative:
Lower

NPDES:
Name: BUTLER NISSAN
Address: 4500 RIVERSIDE DRIVE
City,State,Zip: MACON, GA 31210
Notice of Intent Num: GAR148832
Facility Type Desc: Not reported
Owner: BUTLER FAMILY HOLDINGS, LLLP
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2018
Permit Action Status: No Longer In Effect
Extension Date: Not reported
Termination Date: 08/31/2017
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: 01/05/2015
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported

Actual:
316 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BUTLER NISSAN (Continued)

S127167362

Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Not reported
Postmarked Date:	1/19/2015
Issue Date:	9/23/2013
Permit Status:	Terminated
Total Acres:	16
50 or More Acres Disturbed:	N
Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	NA
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	NA
NOI Specialist:	Jody Sapp
Area Specialist:	Not reported
Engineer:	Elnora Vinson
Action Status:	No Longer In Effect

**M68
 NW
 1/4-1/2
 0.286 mi.
 1511 ft.**

**COBB EMC-BASS RD
 5700 ARKWRIGHT ROAD
 MACON, GA 31210
 Site 14 of 15 in cluster M**

**AIRS S121798145
 N/A**

**Relative:
 Higher
 Actual:
 407 ft.**

AIRS:	
Name:	COBB EMC-BASS RD
Address:	5700 ARKWRIGHT ROAD
City,State,Zip:	MACON, GA 31210
Record Type:	Not reported
State County FIPS:	Not reported
State Facility Id:	2100200
Facility Registry Id:	Not reported
Facility Category:	Not reported
Oris Facility code:	Not reported
SIC Primary:	4911
NAICS Primary:	Not reported
Dun&Bradstreet Number:	Not reported
Tri Id number:	Not reported
NTI Site id:	Not reported
Facility County:	Not reported
Site Description:	Peak Power Generation
Submittal Flag:	Not reported
Tribal Code:	Not reported
AIRS Number:	021-00200
Operational Status:	X
SIC Code:	Not reported
Contact Name:	N/A N/A
Contact Company:	Not reported
Contact Telephone:	000-000-0000
Contact Fax:	Not reported
Contact Email:	N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COBB EMC-BASS RD (Continued)

S121798145

Contact Address: N/A
Contact Address 2: Not reported
Contact City,St,Zip: N/A, GA 00000
Year: 2020
Classification: SM
Contact Type: Permit Contact
Permit Number: Not reported
Issued Date: Not reported
Latitude: 32.935922
Longitude: -83.712998

Control Device Information:

Year: Not reported
Record Type: Not reported
State County Fips: Not reported
State Facility Identifier: Not reported
Emission Unit ID: Not reported
Process ID: Not reported
Pollutant Code: Not reported
Primary Pct control Efficiency: Not reported
Pct Capture Efficiency: Not reported
Total Capture Control Efficiency: Not reported
Primary Device Type Code: Not reported
Secondary Device Type Code: Not reported
Control System Description: Not reported
Third Control Device Type Code: Not reported
Fourth Control Device Type Code: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported

Airs Emissions:

Year: Not reported
Record Type: Not reported
State County Fips: Not reported
State Facility Identifier: Not reported
Emission Unit ID: Not reported
Process Id: Not reported
Pollutant Code: Not reported
Emission Release Point ID: Not reported
Start Date: Not reported
End Date: Not reported
Start Time: Not reported
End Time: Not reported
Emission Numeric Value: Not reported
Emission Unit Numerator: Not reported
Emission Type: Not reported
Em Reliability Indicator: Not reported
Factor Numeric Value: Not reported
Factor Unit Numerator: Not reported
Factor Unit Denominator: Not reported
Material: Not reported
Material Io: Not reported
Emission Calculation Method Code: Not reported
Ef Reliability Indicator: Not reported
Rule Effectiveness: Not reported
Rule Effectiveness Method: Not reported
Hap Emissions Performance Level: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COBB EMC-BASS RD (Continued)

S121798145

Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scn Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Emission Release Points:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COBB EMC-BASS RD (Continued)

S121798145

Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Process Annual Throughput:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Transaction Table:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported
Transaction Comments:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COBB EMC-BASS RD (Continued)

S121798145

Contact Person name: Not reported
Contact Phone number: Not reported
Telephone Number type name: Not reported
Electronic Address text: Not reported
Electronic Address type name: Not reported
Source Type: Not reported
Affiliation Type: Not reported
Format Version: Not reported
Tribal Code: Not reported

**M69
NW
1/4-1/2
0.286 mi.
1511 ft.**

**COBB EMC-BASS RD
5700 ARKWRIGHT ROAD
MACON, GA 31210**

**FINDS 1012089595
ECHO N/A**

Site 15 of 15 in cluster M

**Relative:
Higher
Actual:
407 ft.**

FINDS:
Registry ID: 110038670774

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR SYNTHETIC MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1012089595
Registry ID: 110038670774
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110038670774>
Name: COBB EMC-BASS RD
Address: 5700 ARKWRIGHT ROAD
City,State,Zip: MACON, GA 31210

**N70
SW
1/4-1/2
0.304 mi.
1605 ft.**

**RIVERSIDE 75 DEVELOPMENT- OUTPARCEL
4782 RIVERSIDE DRIVE
MACON, GA**

**NPDES S127158727
N/A**

Site 1 of 2 in cluster N

**Relative:
Lower
Actual:
325 ft.**

NPDES:
Name: RIVERSIDE 75 DEVELOPMENT- OUTPARCEL
Address: 4782 RIVERSIDE DRIVE
City,State,Zip: MACON, GA

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RIVERSIDE 75 DEVELOPMENT- OUTPARCEL (Continued)

S127158727

Notice of Intent Num: GAR115774
 Facility Type Desc: Not reported
 Owner: Thompson Investments, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: Appling Brothers
 Postmarked Date: 12/2/2008
 Issue Date: 8/1/2008
 Permit Status: Expired
 Total Acres: 1.3
 50 or More Acres Disturbed: N
 Impaired Stream Segments: N
 TMDL Implementation Plans: N
 Common Development Name: Not reported
 Active or Term: Active
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

O71
WNW
1/4-1/2
0.310 mi.
1638 ft.

NO FACILITY NAME
5220 RIVERSIDE DR
MACON, GA
Site 1 of 8 in cluster O

UST **U003551279**
Financial Assurance **N/A**

Relative:
Higher
Actual:
410 ft.

UST:
 Name: NO FACILITY NAME
 Address: 5220 RIVERSIDE DR
 City,State,Zip: MACON, GA
 Tank Info:
 Tankid: 1
 Name: NO FACILITY NAME

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO FACILITY NAME (Continued)

U003551279

Address: 5220 RIVERSIDE DR
Tank Status: Removed from Ground
City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 02/15/1990
Facility ID: 9011017
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Unknown
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tankid: 2
Name: NO FACILITY NAME
Address: 5220 RIVERSIDE DR
Tank Status: Removed from Ground
City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 02/15/1990
Facility ID: 9011017
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Unknown
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

GA Financial Assurance 1:

Name: NO FACILITY NAME
Address: 5220 RIVERSIDE DR
City,State,Zip: MACON, GA 31208
Region: 1
Facility ID: 9011017
Financial Responsibility: Not reported
Location Start Date: 02/27/1990
Location End Date: 03/06/1992
Location Status: Close
Location Type: Commercial
Facility Status: INACTIVE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

<p>O72 NW 1/4-1/2 0.315 mi. 1663 ft.</p>	<p>FIRST ENVIRONMENTAL NATIONWIDE INC 5223 RIVERSIDE DR MACON, GA 31210</p> <p>Site 2 of 8 in cluster O</p>	<p>RCRA NonGen / NLR FINDS ECHO</p>	<p>1004688645 GAR000029504</p>
<p>Relative: Higher</p> <p>Actual: 410 ft.</p>	<p>RCRA NonGen / NLR:</p> <p>Date Form Received by Agency: 20050826</p> <p>Handler Name: FIRST ENVIRONMENTAL NATIONWIDE INC</p> <p>Handler Address: 5223 RIVERSIDE DR</p> <p>Handler City,State,Zip: MACON, GA 31210</p> <p>EPA ID: GAR000029504</p> <p>Contact Name: WILLIAM E HARTLEY</p> <p>Contact Address: RIVERSIDE DR</p> <p>Contact City,State,Zip: MACON, GA 31210</p> <p>Contact Telephone: 478-477-2323</p> <p>Contact Fax: Not reported</p> <p>Contact Email: BILL@FIRSTENVIRONMENTAL.COM</p> <p>Contact Title: Not reported</p> <p>EPA Region: 04</p> <p>Land Type: Private</p> <p>Federal Waste Generator Description: Not a generator, verified</p> <p>Non-Notifier: Not reported</p> <p>Biennial Report Cycle: Not reported</p> <p>Accessibility: Not reported</p> <p>Active Site Indicator: Not reported</p> <p>State District Owner: GA</p> <p>State District: CPW</p> <p>Mailing Address: RIVERSIDE DR</p> <p>Mailing City,State,Zip: MACON, GA 31210</p> <p>Owner Name: WILLIAM E HARTLEY</p> <p>Owner Type: Private</p> <p>Operator Name: Not reported</p> <p>Operator Type: Not reported</p> <p>Short-Term Generator Activity: No</p> <p>Importer Activity: No</p> <p>Mixed Waste Generator: No</p> <p>Transporter Activity: No</p> <p>Transfer Facility Activity: No</p> <p>Recycler Activity with Storage: No</p> <p>Small Quantity On-Site Burner Exemption: No</p> <p>Smelting Melting and Refining Furnace Exemption: No</p> <p>Underground Injection Control: No</p> <p>Off-Site Waste Receipt: No</p> <p>Universal Waste Indicator: No</p> <p>Universal Waste Destination Facility: No</p> <p>Federal Universal Waste: No</p> <p>Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported</p> <p>Active Site Converter Treatment storage and Disposal Facility: Not reported</p> <p>Active Site State-Reg Treatment Storage and Disposal Facility: Not reported</p> <p>Active Site State-Reg Handler: ---</p> <p>Federal Facility Indicator: Not reported</p> <p>Hazardous Secondary Material Indicator: NN</p> <p>Sub-Part K Indicator: Not reported</p> <p>Commercial TSD Indicator: No</p> <p>Treatment Storage and Disposal Type: Not reported</p> <p>2018 GPRA Permit Baseline: Not on the Baseline</p> <p>2018 GPRA Renewals Baseline: Not on the Baseline</p> <p>Permit Renewals Workload Universe: Not reported</p>		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST ENVIRONMENTAL NATIONWIDE INC (Continued)

1004688645

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20050921
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WILLIAM E HARTLEY
Legal Status:	Private
Date Became Current:	19970101
Date Ended Current:	Not reported
Owner/Operator Address:	5223 RIVERSIDE DR
Owner/Operator City,State,Zip:	MACON, GA 31210
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RA BOWEN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2884 INGLESIDE AVE
Owner/Operator City,State,Zip:	MACON, GA 31204
Owner/Operator Telephone:	478-742-4282
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST ENVIRONMENTAL NATIONWIDE INC (Continued)

1004688645

Historic Generators:

Receive Date: 20011005
Handler Name: FIRST ENVIRONMENTAL CORPORATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050826
Handler Name: FIRST ENVIRONMENTAL NATIONWIDE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST ENVIRONMENTAL NATIONWIDE INC (Continued)

1004688645

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST ENVIRONMENTAL NATIONWIDE INC (Continued)

1004688645

Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20040617
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: GACPW
Evaluation Responsible Sub-Organization: GC
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20050616
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: GACPW
Evaluation Responsible Sub-Organization: GC
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST ENVIRONMENTAL NATIONWIDE INC (Continued)

1004688645

Former Citation: Not reported
Evaluation Date: 20030826
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: GACPW
Evaluation Responsible Sub-Organization: GC
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:

Registry ID: 110012224814

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004688645
Registry ID: 110012224814
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012224814>
Name: FIRST ENVIRONMENTAL NATIONWIDE INC
Address: 5223 RIVERSIDE DR
City,State,Zip: MACON, GA 31210

**N73
SW
1/4-1/2
0.316 mi.
1667 ft.**

**VERIZON WIRELESS
4790 RIVERSIDE DRIVE
MACON, GA**

**NPDES S127157559
N/A**

Site 2 of 2 in cluster N

**Relative:
Lower
Actual:
352 ft.**

NPDES:
Name: VERIZON WIRELESS
Address: 4790 RIVERSIDE DRIVE
City,State,Zip: MACON, GA
Notice of Intent Num: GAR110903
Facility Type Desc: Not reported
Owner: MACON RIVERSIDE, LLC
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2013
Permit Action Status: No Longer In Effect
Extension Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VERIZON WIRELESS (Continued)

S127157559

Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: FALL CREEK
 Postmarked Date: 2/28/2008
 Issue Date: 8/1/2008
 Permit Status: Expired
 Total Acres: 1.2
 50 or More Acres Disturbed: Not reported
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported
 Active or Term: Active
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

**O74
 WNW
 1/4-1/2
 0.327 mi.
 1724 ft.**

**MIKE COOK CO INC
 NEW FORSYTH RD
 MACON, GA
 Site 3 of 8 in cluster O**

**LUST U001486948
 UST N/A
 Financial Assurance**

**Relative:
 Higher
 Actual:
 407 ft.**

LUST:
 Name: MIKE COOK CO INC
 Address: NEW FORSYTH RD
 City,State,Zip: MACON, GA 31210
 Facility ID: 04110345
 Leak ID: Not reported
 Description: Not reported
 Cleanup Status: NFA - No Further Action
 Date Received: 07/01/1996
 Project Officer: EPD Migration
 Project Name: UST - 1 - MIKE COOK CO INC
 Site Code Description: Owner/Operator funded site
 No Further Action Date: 04/03/1997

UST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIKE COOK CO INC (Continued)

U001486948

Name: MIKE COOK CO INC
Address: NEW FORSYTH RD
City,State,Zip: MACON, GA

Tank Info:

Tankid: 1
Name: MIKE COOK CO INC
Address: NEW FORSYTH RD
Tank Status: Removed from Ground
City: MACON
Tank Material: Marked Unknown
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 05/05/1978
Facility ID: 4110345
Status Date: Not reported
Product: Empty
Pipe Material: Unknown
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tankid: 2
Name: MIKE COOK CO INC
Address: NEW FORSYTH RD
Tank Status: Removed from Ground
City: MACON
Tank Material: Marked Unknown
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 05/05/1978
Facility ID: 4110345
Status Date: Not reported
Product: Empty
Pipe Material: Unknown
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tankid: 3
Name: MIKE COOK CO INC
Address: NEW FORSYTH RD
Tank Status: Removed from Ground
City: MACON
Tank Material: Marked Unknown
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 05/05/1978
Facility ID: 4110345
Status Date: Not reported
Product: Diesel
Pipe Material: Unknown
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIKE COOK CO INC (Continued)

U001486948

Tankid: 4
Name: MIKE COOK CO INC
Address: NEW FORSYTH RD
Tank Status: Removed from Ground
City: MACON
Tank Material: Marked Unknown
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 05/05/1978
Facility ID: 4110345
Status Date: Not reported
Product: Other
Pipe Material: Unknown
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

GA Financial Assurance 1:

Name: MIKE COOK CO INC
Address: NEW FORSYTH RD
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 4110345
Financial Responsibility: Not reported
Location Start Date: 05/07/1986
Location End Date: 07/01/1996
Location Status: Close
Location Type: Commercial
Facility Status: INACTIVE

75
NNW
1/4-1/2
0.336 mi.
1775 ft.

SOUTHERN NATURAL GAS CO

**DOT OPS 1024106880
N/A**

**Relative:
Higher
Actual:
427 ft.**

DOT OPS:
Name: SOUTHERN NATURAL GAS CO
Address: Not reported
City,State,Zip: ,

Natural Gas Transmission 2010 - Present:

Incident Yr: 2013
Supplemental Number: 15828
Report Type: ORIGINAL FINAL
Operator ID: 18516
Name: SOUTHERN NATURAL GAS CO
Operator Street Address: 1001 LOUISIANA ST, STE 1000 SUITE 1000
Operator City Name: HOUSTON
Operator State Abbreviation: TX
Operator Postal Code: 77002
Local Datetime: 2/24/2013 13:30
Incident Resulted: UNINTENTIONAL RELEASE OF GAS
Commodity Released Type: NATURAL GAS
Unintentional Release: 17000
Intentional Release: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN NATURAL GAS CO (Continued)

1024106880

Pipe Facility Type: INTERSTATE
 Release Type: OTHER
 Release Type Details: EQUIPMENT FAILURE - SOLENOID VALVE
 Apparent Cause of the Incident: EQUIPMENT FAILURE

[Click this hyperlink](#) while viewing on your computer to access additional DOT OPS: detail in the EDR Site Report.

**P76
 NW
 1/4-1/2
 0.342 mi.
 1805 ft.**

**PORTRAIT INNOVATIONS #129
 5080 RIVERSIDE DR STE 404
 MACON, GA 31210**

**RCRA-VSQG 1010563148
 ECHO GAR000051383**

Site 1 of 2 in cluster P

**Relative:
 Higher**

RCRA-VSQG:

**Actual:
 410 ft.**

Date Form Received by Agency:	20190514
Handler Name:	PORTRAIT INNOVATIONS #129
Handler Address:	5080 RIVERSIDE DR STE 404
Handler City,State,Zip:	MACON, GA 31210
EPA ID:	GAR000051383
Contact Name:	MELISSA C KING
Contact Address:	CAMBRIDGE BELTWAY DR SUITE C
Contact City,State,Zip:	CHARLOTTE, NC 28273
Contact Telephone:	704-499-9300 x376
Contact Fax:	704-499-9301
Contact Email:	MKING@PORTRAITINNOVATIONS.COM
Contact Title:	OPERATIONS PROJECT MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	GA
State District:	EKR
Mailing Address:	CAMBRIDGE BELTWAY DR SUITE C
Mailing City,State,Zip:	CHARLOTTE, NC 28273
Owner Name:	PORTRAIT STUDIO LLC
Owner Type:	Private
Operator Name:	PORTRAIT STUDIO LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PORTRAIT INNOVATIONS #129 (Continued)

1010563148

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190515
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D011
Waste Description:	SILVER

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PORTRAIT INNOVATIONS
Legal Status:	Private
Date Became Current:	20080319
Date Ended Current:	Not reported
Owner/Operator Address:	2016 AYRSLEY TOWN BLVD STE 200
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28273
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORTRAIT INNOVATIONS #129 (Continued)

1010563148

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTRAIT INNOVATIONS
Legal Status:	Private
Date Became Current:	20080114
Date Ended Current:	Not reported
Owner/Operator Address:	2016 AYRSLEY TOWN BLVD STE 200
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28273
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PORTRAIT INNOVATIONS
Legal Status:	Private
Date Became Current:	20080319
Date Ended Current:	Not reported
Owner/Operator Address:	2016 AYRSLEY TOWN BLVD STE 200
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28273
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PORTRAIT INNOVATIONS
Legal Status:	Private
Date Became Current:	20080320
Date Ended Current:	Not reported
Owner/Operator Address:	2016 AYRSLEY TOWN BLVD STE 200
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28273
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTRAIT INNOVATIONS
Legal Status:	Private
Date Became Current:	20080114
Date Ended Current:	Not reported
Owner/Operator Address:	2016 AYRSLEY TOWN BLVD STE 200
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28273
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTRAIT INNOVATIONS
Legal Status:	Private
Date Became Current:	20080320
Date Ended Current:	Not reported
Owner/Operator Address:	2016 AYRSLEY TOWN BLVD STE 200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORTRAIT INNOVATIONS #129 (Continued)

1010563148

Owner/Operator City,State,Zip:	CHARLOTTE, NC 28273
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTRAIT INNOVATIONS
Legal Status:	Private
Date Became Current:	20080320
Date Ended Current:	Not reported
Owner/Operator Address:	2016 AYRSLEY TOWN BLVD STE 200
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28273
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PORTRAIT INNOVATIONS
Legal Status:	Private
Date Became Current:	20080320
Date Ended Current:	Not reported
Owner/Operator Address:	2016 AYRSLEY TOWN BLVD STE 200
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28273
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTRAIT STUDIO LLC
Legal Status:	Private
Date Became Current:	20180101
Date Ended Current:	Not reported
Owner/Operator Address:	2101 CAMBRIDGE BELTWAY DR SUITE C
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28273
Owner/Operator Telephone:	704-499-9300
Owner/Operator Telephone Ext:	376
Owner/Operator Fax:	704-499-9301
Owner/Operator Email:	MKING@PORTRAITINNOVATIONS.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PORTRAIT STUDIO LLC
Legal Status:	Private
Date Became Current:	20180101
Date Ended Current:	Not reported
Owner/Operator Address:	2101 CAMBRIDGE BELTWAY DR SUITE C
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28273
Owner/Operator Telephone:	704-499-9300
Owner/Operator Telephone Ext:	376
Owner/Operator Fax:	704-499-9301
Owner/Operator Email:	MKING@PORTRAITINNOVATIONS.COM
Historic Generators:	
Receive Date:	20071214
Handler Name:	PORTRAIT INNOVATIONS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORTRAIT INNOVATIONS #129 (Continued)

1010563148

Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080331
Handler Name: PORTRAIT INNOVATIONS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080702
Handler Name: PORTRAIT INNOVATIONS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160510
Handler Name: PORTRAIT INNOVATIONS #129
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20190514
Handler Name: PORTRAIT INNOVATIONS #129
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORTRAIT INNOVATIONS #129 (Continued)

1010563148

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Yes
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541921
NAICS Description: PHOTOGRAPHY STUDIOS, PORTRAIT

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

ECHO:

Envid: 1010563148
Registry ID: 110033020969
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110033020969>
Name: PORTRAIT INNOVATIONS #129
Address: 5080 RIVERSIDE DR STE 404
City,State,Zip: MACON, GA 31210

P77
NW
1/4-1/2
0.342 mi.
1805 ft.
Relative:
Higher
Actual:
410 ft.

PORTRAIT INNOVATIONS #129
5080 RIVERSIDE DR STE 404
MACON, GA 31210

Site 2 of 2 in cluster P

FINDS 1010696220
N/A

FINDS:
Registry ID: 110033020969

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

Q78 **SUTTON- PROPOSED PARKING ADDITION**
WSW **4796 RIVERSIDE DRIVE**
1/4-1/2 **MACON, GA 31210**
0.342 mi.
1807 ft. **Site 1 of 2 in cluster Q**

NPDES **S127168968**
N/A

Relative:
Lower
Actual:
357 ft.

NPDES:
 Name: SUTTON- PROPOSED PARKING ADDITION
 Address: 4796 RIVERSIDE DRIVE
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR150442
 Facility Type Desc: Not reported
 Owner: Sutton Business Properties, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2018
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 11/30/2015
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: Not reported
 Postmarked Date: 12/9/2015
 Issue Date: 9/23/2013
 Permit Status: Expired
 Total Acres: 1.2
 50 or More Acres Disturbed: N
 Impaired Stream Segments: N
 TMDL Implementation Plans: N
 Common Development Name: NA
 Active or Term: Active
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Jody Sapp
 Area Specialist: Not reported
 Engineer: Elnora Vinson
 Action Status: No Longer In Effect

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S109585965

Evacuation:	Not reported
Caller:	Not reported
Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	Not reported
Associate Name:	Not reported
Investigation Date:	Not reported
Resolved:	Not reported
Closure Date:	Not reported
Ten Days Follow Up:	Not reported
Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	OSAN PETROLEUM
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	03/09/2009
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Not reported
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	CALLER ADVISED THAT THE FIREMEN WERE RESPONDING TO A CALL WHERE APPROXIMATELY 20 GALLONS OF DIESEL FUEL SPILLED INTO A DRAIN. SPILL WAS CAUSED BY A TANKER TRUCK THAT WAS OVERFILLED.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S109585965

Primary Concern 1 Description: Not reported
 Primary Concern 2: Not reported
 Primary Concern 2 Description: Not reported
 Source Address 1: Not reported
 Source Address 2: Not reported
 Source City: Not reported
 Source State: Not reported
 Source Zip: Not reported
 Direction: Not reported
 Caller Address 1: Not reported
 Caller Address 2: Not reported
 Caller City: Not reported
 Caller State: Not reported
 Caller Zip: Not reported
 Comp City: Not reported
 Branch: Not reported
 BDesc: Not reported
 Program: Not reported
 Prog Desc: Not reported
 Accept Date: Not reported
 Assign Date: Not reported
 FUI Need: Not reported
 Refer 2: Not reported
 Contact: Not reported
 Active: Not reported
 Facility ID: Not reported
 Approved Date: Not reported
 Facility Status: Not reported

O81
 WNW
 1/4-1/2
 0.345 mi.
 1819 ft.

MARATHON #7 *REOPEN*
5250 RIVERSIDE DRIVE
MACON, GA 31210
 Site 5 of 8 in cluster O

AST A100327976
 N/A

Relative:
 Higher
 Actual:
 410 ft.

AST:
 Name: MARATHON
 Address: 5250 RIVERSIDE DRIVE
 City,State,Zip: MACON, GA 31210
 Owner Name: Taylor Gas Incorporated
 Owner Address: 84 Jonesboro Road
 Owner City/State/Zip: Fairburn GA 30213
 Number Of Tanks: 24
 Tank Capacity: 0
 File No: Not reported

Name: MARATHON #18
 Address: 5250 RIVERSIDE DRIVE
 City,State,Zip: MACON, GA 31210
 Owner Name: Taylor Gas
 Owner Address: 84 Jonesboro Road
 Owner City/State/Zip: Fairburn GA 31032
 Number Of Tanks: 48
 Tank Capacity: 0
 File No: Not reported

Name: MARATHON #7 *REOPEN*
 Address: 5250 RIVERSIDE DRIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARATHON #7 *REOPEN* (Continued)

A100327976

City,State,Zip: MACON, GA 31210
Owner Name: Osan Petroleum Corporation
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-199

O82
WNW
1/4-1/2
0.345 mi.
1819 ft.
Relative:
Higher
Actual:
410 ft.

FINA MART #18
5250 RIVERSIDE DRIVE
MACON, GA 31210
Site 6 of 8 in cluster O

FINDS 1006794446
N/A

FINDS:
Registry ID: 110013639027

Click Here:

Environmental Interest/Information System:

GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

O83
WNW
1/4-1/2
0.345 mi.
1819 ft.

TREE CITY #100544
5250 RIVERSIDE DRIVE
MACON, GA
Site 7 of 8 in cluster O

UST U003727921
Financial Assurance N/A

Relative:
Higher
Actual:
410 ft.

UST:
Name: TREE CITY #100544
Address: 5250 RIVERSIDE DRIVE
City,State,Zip: MACON, GA

Contact:

LEMIR ID: 152062
Facility ID: 9011185
Facility Status: Active
Location Status: Active
Contact First Name: Richard
Contact Last Name: Stiles
Contact Email: osanpetroleum@gmail.com
Company Name: Osan Petroleum Co., Inc.
Mailing Address: PO Box 2285
Mailing City: Macon
Mailing State: GA
Mailing Zip: 31203
Start Date: Not reported
End Date: Not reported
Contact Telephone: 478 7424534

Tank Info:
Tankid: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TREE CITY #100544 (Continued)

U003727921

Name: TREE CITY #100544
Address: 5250 RIVERSIDE DRIVE
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Not reported
Install Date: 06/01/1998
Facility ID: 9011185
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: Not reported
Overfill Installed: 06/01/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 06/01/1998

Tankid: 2
Name: TREE CITY #100544
Address: 5250 RIVERSIDE DRIVE
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Not reported
Install Date: 06/01/1998
Facility ID: 9011185
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: Not reported
Overfill Installed: 06/01/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 06/01/1998

Tankid: 3
Name: TREE CITY #100544
Address: 5250 RIVERSIDE DRIVE
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Not reported
Install Date: 06/01/1998
Facility ID: 9011185
Status Date: Not reported
Product: Diesel
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: Not reported
Overfill Installed: 06/01/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 06/01/1998

GA Financial Assurance 1:

Name: TREE CITY #100544
Address: 5250 RIVERSIDE DRIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TREE CITY #100544 (Continued)

U003727921

City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 9011185
Financial Responsibility: G.U.S.T. Trust Fund
Location Start Date: 07/02/1998
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

O84
WNW
1/4-1/2
0.345 mi.
1819 ft.

BASS CLEANERS
5250 RIVERSIDE DR
MACON, GA 31210
Site 8 of 8 in cluster O

SPILLS **S104252790**
DRYCLEANERS **N/A**

Relative:
Higher
Actual:
410 ft.

SPILLS:
Name: MARATHON PETROLEUM
Address: 5250 RIVERSIDE DR
City,State,Zip: MACON, GA
CTS Number: Not reported
Spill Number: 05
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: 12/15/1999
Spill Time: Not reported
Incident Type: Not reported
Material Involved: Not reported
Quantity: Not reported
Phase: Not reported
Radioactive: Not reported
Material 2: Not reported
Quantity 2: Not reported
Phase 2: Not reported
Radioactive 2: Not reported
Waterway Impctd: N
Evacuation: Not reported
Caller: Not reported
Organization: Not reported
Org Phone: Not reported
Primary Concern: Not reported
Associate Name: Not reported
Investigation Date: Not reported
Resolved: Not reported
Closure Date: Not reported
Ten Days Follow Up: Not reported
Transferred Record: Not reported
Fire: Not reported
Police: Not reported
Sheriff: Not reported
GSP: Not reported
Medical: Not reported
EPA: Not reported
USCG: Not reported
EMA: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASS CLEANERS (Continued)

S104252790

DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	DDO ONLY
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	Not reported
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Not reported
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported
Comp City:	Not reported
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	Not reported
Assign Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASS CLEANERS (Continued)

S104252790

FUI Need: Not reported
Refer 2: Not reported
Contact: Not reported
Active: Not reported
Facility ID: Not reported
Approved Date: Not reported
Facility Status: Not reported

DRYCLN:

Name: BASS CLEANERS
Address: 5250 RIVERSIDE DR
City,State,Zip: MACON, GA 31210-1051
Contact Name: Bo Lee
Phone Number: 478-474-6530
Contact Name: Bo Lee
MSA code: 4680
MSA desc: MACON, GA
CBSA code: 31420
CBSA descr: MACON, GA
Metro Micro Indicator: 2
CSA code: 356
Csa descr: MACON-WARNER ROBINS-FORT VALLEY, GA
Census tract: 13402
Census block group: 1
Latitude: 32.934953
Longitude: -83.71642799999993
Match level code: 0
Secondary address: 5250 Riverside Dr
Secondary city: Macon
Secondary state: GA
Secondary zip10: 31210-1051
Secondary carrier route code: R042
Fax number: Not reported
Toll free number: Not reported
Web site: Not reported
Selected SIC code: 721201
Selected SIC desc: Cleaners
Primary SIC code: 721201
Primary SIC desc: Cleaners
NAICS code: 81232002
NAICS desc: Drycleaning & Laundry Svcs
Location employment size code: A
Location employment size desc: 2008-01-04 00:00:00
Actual location employment size: 1
Modeled employment size: A
Location sales volume code: A
Location sales volume desc: Less Than \$500,000
Actual location sales volume: 60
Corporate sales volume code: Not reported
Corporate sales volume desc: Not reported
Actual corporate sales volume: Not reported
Asset size: S
Name: Mr Bo Lee
Title: Owner
Ethnicity code: British
Infousa id: 608917068
Site Number: 515234151

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BASS CLEANERS (Continued)

S104252790

HQ branch code: 9
 HQ branch desc: Single Loc
 Public company indicator code: 0
 Public filing indicator: N
 Individual firm code: 2
 Individual firm desc: Firm/Business
 Year SIC added: 200611
 Year first appeared in yellow pages: 2006
 Yellow page code: 18306
 Transaction date: 200611
 Call status code: N
 Call status desc: Refusal
 Credit score code: C
 Credit score desc: 70 to 74
 Actual credit score: 72
 Ad size code: Regular
 Population code: 6
 Population desc: 50,000 - 99,000
 Square footage code: A
 Square footage desc: 0 - 2,499
 Radial distance from target element: .
 Actnumbus multitenant location: 4-Feb
 Building num multi tenant: 2522072
 Number of pcs code: 0 - 1 PCs
 Affluent neighborhood location: N
 Big business: N
 Female owner exec: N
 Highincomeexec: N
 Hightechbusiness: N
 Medium size business entrepreneur: N
 Small business entrepreneur: Y
 Tertiary address: Not reported
 Tertiary city: Not reported
 Tertiary state: Not reported
 Tertiary zip10: Not reported
 White collar percentage: 29
 White collar indicator: 0
 Production date: 12/02/2008
 Obsolescence date: 06/02/2009
 Source: infoUSA
 Bookno: 14840

85
NE
1/4-1/2
0.372 mi.
1962 ft.

HOLTON NGTR
NO CITY, GA

FUDS 1024902800
N/A

Relative:
Lower
Actual:
312 ft.

FUDS:
 EPA Region: 4
 Installation ID: GA49799F476500
 Congressional District Number: 8
 Name: HOLTON NGTR
 FUDS Number: I04GA0413
 City: NO CITY
 State: GA
 County: JONES
 Object ID: 230

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHWINDS (Continued)

S127155661

Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: APPLING BROTHERS
Postmarked Date: 5/9/2007
Issue Date: 8/1/2008
Permit Status: Terminated
Total Acres: 3
50 or More Acres Disturbed: Not reported
Impaired Stream Segments: Not reported
TMDL Implementation Plans: Not reported
Common Development Name: Not reported
Active or Term: Terminated
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: No Longer In Effect

**R87
NW
1/4-1/2
0.430 mi.
2268 ft.**

**BALCOM CABINET & MIL
5290 RIVERSIDE DR
MACON, GA 31210**

Site 2 of 5 in cluster R

**AIRS S107749872
N/A**

**Relative:
Higher
Actual:
426 ft.**

AIRS:
Name: BALCOM CABINET & MIL
Address: 5290 RIVERSIDE DR
City,State,Zip: MACON, GA 31210
Record Type: Not reported
State County FIPS: Not reported
State Facility Id: 2100188
Facility Registry Id: Not reported
Facility Category: Not reported
Oris Facility code: Not reported
SIC Primary: 2434
NAICS Primary: Not reported
Dun&Bradstreet Number: Not reported
Tri Id number: Not reported
NTI Site id: Not reported
Facility County: Not reported
Site Description: Wood Furniture Mfg
Submittal Flag: Not reported
Tribal Code: Not reported
AIRS Number: 021-00188
Operational Status: O
SIC Code: Not reported
Contact Name: N/A N/A
Contact Company: Not reported
Contact Telephone: 000-000-0000
Contact Fax: Not reported
Contact Email: N/A
Contact Address: N/A
Contact Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALCOM CABINET & MIL (Continued)

S107749872

Contact City,St,Zip:	N/A, GA 00000
Year:	2020
Classification:	PR
Contact Type:	Permit Contact
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	32.935174
Longitude:	-83.716752
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALKCOM CABINET & MIL (Continued)

S107749872

Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scc Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Emission Release Points:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALCOM CABINET & MIL (Continued)

S107749872

Coordinate Data source Code:	Not reported
Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Process Annual Throughput:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Transaction Table:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported
Transaction Comments:	Not reported
Contact Person name:	Not reported
Contact Phone number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALCOM CABINET & MIL (Continued)

S107749872

Telephone Number type name:	Not reported
Electronic Address text:	Not reported
Electronic Address type name:	Not reported
Source Type:	Not reported
Affiliation Type:	Not reported
Format Version:	Not reported
Tribal Code:	Not reported
Name:	BALCOM CABINET & MIL
Address:	5290 RIVERSIDE DR
City,State,Zip:	MACON, GA 31210
Record Type:	Not reported
State County FIPS:	Not reported
State Facility Id:	302100188
Facility Registry Id:	Not reported
Facility Category:	Not reported
Oris Facility code:	Not reported
SIC Primary:	Not reported
NAICS Primary:	Not reported
Dun&Bradstreet Number:	Not reported
Tri Id number:	Not reported
NTI Site id:	Not reported
Facility County:	Not reported
Site Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
AIERS Number:	041302100188
Operational Status:	O
SIC Code:	2434
Contact Name:	N/A N/A
Contact Company:	N/A
Contact Telephone:	N/A
Contact Telephone 2:	N/A
Contact Fax:	N/A
Contact Email:	N/A
Contact Address:	N/A
Contact Address 2:	N/A
Contact City,St,Zip:	N/A, GA 00000
Year:	06
Classification:	Not reported
Contact Type:	Not reported
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	000000
Longitude:	000000
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALCOM CABINET & MIL (Continued)

S107749872

Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scn Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALCOM CABINET & MIL (Continued)

S107749872

Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Emission Release Points:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported

Airs EU:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALCOM CABINET & MIL (Continued)

S107749872

Process Annual Throughput:

Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material Io:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Transaction Table:

Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported
Transaction Comments:	Not reported
Contact Person name:	Not reported
Contact Phone number:	Not reported
Telephone Number type name:	Not reported
Electronic Address text:	Not reported
Electronic Address type name:	Not reported
Source Type:	Not reported
Affiliation Type:	Not reported
Format Version:	Not reported
Tribal Code:	Not reported

Name:	BALCOM CABINET & MIL
Address:	5290 RIVERSIDE DR
City,State,Zip:	MACON, GA 31210
Record Type:	Not reported
State County FIPS:	Not reported
State Facility Id:	302100188
Facility Registry Id:	Not reported
Facility Category:	Not reported
Oris Facility code:	Not reported
SIC Primary:	Not reported
NAICS Primary:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALKCOM CABINET & MIL (Continued)

S107749872

Dun&Bradstreet Number:	Not reported
Tri Id number:	Not reported
NTI Site id:	Not reported
Facility County:	Not reported
Site Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
AIRS Number:	041302100188
Operational Status:	Not reported
SIC Code:	2434
Contact Name:	N/A N/A
Contact Company:	N/A
Contact Telephone:	N/A
Contact Telephone 2:	N/A
Contact Fax:	N/A
Contact Email:	N/A
Contact Address:	N/A
Contact Address 2:	N/A
Contact City,St,Zip:	N/A, GA 00000
Year:	Not reported
Classification:	Not reported
Contact Type:	Not reported
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	000000
Longitude:	000000
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALCOM CABINET & MIL (Continued)

S107749872

Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs EP:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scs Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported
Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Emission Release Points:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALKCOM CABINET & MIL (Continued)

S107749872

Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Process Annual Throughput:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material Io:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALCOM CABINET & MIL (Continued)

S107749872

Period Hours per period: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported

Transaction Table:

Year: Not reported
Record Type: Not reported
State County fips: Not reported
Organization Name: Not reported
Transaction Type: Not reported
Inventory Year: Not reported
Inventory Type code: Not reported
Transaction Create date: Not reported
Incremental Submission number: Not reported
Reliability Indicator: Not reported
Transaction Comments: Not reported
Contact Person name: Not reported
Contact Phone number: Not reported
Telephone Number type name: Not reported
Electronic Address text: Not reported
Electronic Address type name: Not reported
Source Type: Not reported
Affiliation Type: Not reported
Format Version: Not reported
Tribal Code: Not reported

Name: BALCOM CABINET & MIL
Address: 5290 RIVERSIDE DR
City,State,Zip: MACON, GA 31210
Record Type: Not reported
State County FIPS: Not reported
State Facility Id: 302100188
Facility Registry Id: Not reported
Facility Category: Not reported
Oris Facility code: Not reported
SIC Primary: Not reported
NAICS Primary: Not reported
Dun&Bradstreet Number: Not reported
Tri Id number: Not reported
NTI Site id: Not reported
Facility County: Not reported
Site Description: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported
AIRS Number: 041302100188
Operational Status: O
SIC Code: 2434
Contact Name: N/A N/A
Contact Company: N/A
Contact Telephone: N/A
Contact Telephone 2: N/A
Contact Fax: N/A
Contact Email: N/A
Contact Address: N/A
Contact Address 2: N/A
Contact City,St,Zip: N/A, GA 00000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALCOM CABINET & MIL (Continued)

S107749872

Year:	Not reported
Classification:	Not reported
Contact Type:	Not reported
Permit Number:	Not reported
Issued Date:	Not reported
Latitude:	000000
Longitude:	000000
Control Device Information:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process ID:	Not reported
Pollutant Code:	Not reported
Primary Pct control Efficiency:	Not reported
Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Airs Emissions:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALKCOM CABINET & MIL (Continued)

S107749872

Tribal Code: Not reported

Airs EP:

Year: Not reported

Record Type: Not reported

State County Fips: Not reported

State Facility Identifier: Not reported

Emission Unit ID: Not reported

Emission Release Point ID: Not reported

Process ID: Not reported

Scs Number: Not reported

Process Mact Code: Not reported

Emission Process Description: Not reported

Winter Throughput Pct: Not reported

Spring Throughput Pct: Not reported

Summer Throughput Pct: Not reported

Fall Throughput Pct: Not reported

Annual Average Days Per Week: Not reported

Annual Average Weeks Per Year: Not reported

Annual Average Hours Per Day: Not reported

Annual Average Hours Per Year: Not reported

Heat Content: Not reported

Sulfur Content: Not reported

Ash Content: Not reported

Process Mact compliance Status: Not reported

Submittal Flag: Not reported

Tribal Code: Not reported

Emission Release Points:

Year: Not reported

Record Type: Not reported

State County Fips: Not reported

State Facility Identifier: Not reported

Emission Release Point ID: Not reported

Emission Release Point Type: Not reported

Stack Height: Not reported

Stack Diameter: Not reported

Stack Fenceline Distance: Not reported

Exit Gas Temperature: Not reported

Exit Gas Velocity: Not reported

Exit Gas Flowrate: Not reported

X Coordinate: Not reported

Y Coordinate: Not reported

Utm Zone: Not reported

X Y coordinate Type: Not reported

Horizontal Area Fugitive: Not reported

Release Height Fugitive: Not reported

Fugitive Dimensions Unit: Not reported

Emission Release Point Description: Not reported

Submittal Flag: Not reported

Horizontal Collection method Code: Not reported

Horizontal Accuracy Measure: Not reported

Horizontal Reference datum Code: Not reported

Reference Point Code: Not reported

Source Map scale Number: Not reported

Coordinate Data source Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALCOM CABINET & MIL (Continued)

S107749872

Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Process Annual Throughput:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Transaction Table:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported
Transaction Comments:	Not reported
Contact Person name:	Not reported
Contact Phone number:	Not reported
Telephone Number type name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALCOM CABINET & MIL (Continued)

S107749872

Electronic Address text: Not reported
Electronic Address type name: Not reported
Source Type: Not reported
Affiliation Type: Not reported
Format Version: Not reported
Tribal Code: Not reported

**R88
NW
1/4-1/2
0.430 mi.
2268 ft.**

**BALCOM CABINET & MIL
5290 RIVERSIDE DR
MACON, GA 31210**

**US AIRS 1004461349
FINDS N/A
ECHO**

Site 3 of 5 in cluster R

**Relative:
Higher
Actual:
426 ft.**

US AIRS (AFS):
Envid: 1004461349
Region Code: 04
County Code: GA021
Programmatic ID: AIR GA0000001302100188
Facility Registry ID: 110001425869
D and B Number: Not reported
Facility Site Name: BALCOM CABINET & MIL
Primary SIC Code: 2434
NAICS Code: 999999
Default Air Classification Code: SMI
Facility Type of Ownership Code: Not reported
Air CMS Category Code: Not reported
HPV Status: Not reported

FINDS:

Registry ID: 110001425869

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR SYNTHETIC MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004461349
Registry ID: 110001425869
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001425869>
Name: BALCOM CABINET & MIL
Address: 5290 RIVERSIDE DR
City,State,Zip: MACON, GA 31210

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

S89
South
1/4-1/2
0.450 mi.
2375 ft.

HILL TOP FOOD MART
4488 RIVERSIDE DR.
MACON, GA

Site 1 of 3 in cluster S

UST **U004298378**
Financial Assurance **N/A**

Relative:
Higher
Actual:
408 ft.

UST:
 Name: HILL TOP FOOD MART
 Address: 4488 RIVERSIDE DR.
 City,State,Zip: MACON, GA

Contact:
 LEMIR ID: 334151
 Facility ID: 10002862
 Facility Status: Active
 Location Status: Active
 Contact First Name: prakash
 Contact Last Name: patel
 Contact Email: hilltop4488@gmail.com
 Company Name: hilltop store inc
 Mailing Address: 4488 riverside dr
 Mailing City: macon
 Mailing State: GA
 Mailing Zip: 31210
 Start Date: 2018-12-06 14:16:06
 End Date: Not reported
 Contact Telephone: 478 2006018

Tank Info:
 Tankid: 1
 Name: HILL TOP FOOD MART
 Address: 4488 RIVERSIDE DR.
 Tank Status: Currently in Use
 City: MACON
 Tank Material: Composite Double Walled
 Pipe Type: Pressurized
 Overfill Type: Overfill Alarm
 Install Date: 11/03/2017
 Facility ID: 10002862
 Status Date: Not reported
 Product: Regular
 Pipe Material: Fiberglass Reinforced Plastic
 Overfill Protection: 0
 Overfill Installed: 07/19/2018
 Tank Exempt From Spill: 0
 Date Spill Device Installed: 12/12/2017

Tankid: 2A
 Name: HILL TOP FOOD MART
 Address: 4488 RIVERSIDE DR.
 Tank Status: Currently in Use
 City: MACON
 Tank Material: Composite Double Walled
 Pipe Type: Pressurized
 Overfill Type: Overfill Alarm
 Install Date: 11/03/2017
 Facility ID: 10002862
 Status Date: Not reported
 Product: Premium

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILL TOP FOOD MART (Continued)

U004298378

Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 07/19/2018
Tank Exempt From Spill: 0
Date Spill Device Installed: 12/12/2017

Tankid: 2B
Name: HILL TOP FOOD MART
Address: 4488 RIVERSIDE DR.
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized
Overfill Type: Overfill Alarm
Install Date: 11/03/2017
Facility ID: 10002862
Status Date: Not reported
Product: Diesel
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 07/19/2018
Tank Exempt From Spill: 0
Date Spill Device Installed: 12/12/2017

GA Financial Assurance 1:

Name: HILL TOP FOOD MART
Address: 4488 RIVERSIDE DR.
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 10002862
Financial Responsibility: Insurance
Location Start Date: 11/03/2017
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

S90
South
1/4-1/2
0.450 mi.
2375 ft.

RIVERSIDE DRIVE SHELL
4488 RIVERSIDE DRIVE
MACON, GA
Site 2 of 3 in cluster S

AST A100502361
N/A

Relative:
Higher
Actual:
408 ft.

AST:
Name: RIVERSIDE DRIVE SHELL
Address: 4488 RIVERSIDE DRIVE
City,State,Zip: MACON, GA
Owner Name: same
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-277

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

R91
NW
1/4-1/2
0.468 mi.
2473 ft.

BALCOM PROPERTY/FORMER MACON MARKET
5296 RIVERSIDE DR
MACON, GA
Site 4 of 5 in cluster R

LUST **U004117076**
UST **N/A**
Financial Assurance

Relative:
Higher
Actual:
433 ft.

LUST:
 Name: BALCOM PROPERTY/FORMER MACON MARKET
 Address: 5296 RIVERSIDE DR
 City,State,Zip: MACON, GA 31210
 Facility ID: 10001330
 Leak ID: 1
 Description: Confirmed Release
 Cleanup Status: Cleanup Initiated
 Date Received: 03/05/2007
 Project Officer: Ron Wallace
 Project Name: UST - 1 - BALCOM PROPERTY/FORMER MACON MARKET
 Site Code Description: Owner/Operator funded site
 No Further Action Date: Not reported

UST:
 Name: BALCOM PROPERTY/FORMER MACON MARKET
 Address: 5296 RIVERSIDE DR
 City,State,Zip: MACON, GA

Tank Info:
 Tankid: 1
 Name: BALCOM PROPERTY/FORMER MACON MARKET
 Address: 5296 RIVERSIDE DR
 Tank Status: Removed from Ground
 City: MACON
 Tank Material: Bare Steel
 Pipe Type: Not reported
 Overfill Type: Not reported
 Install Date: Not reported
 Facility ID: 10001330
 Status Date: Not reported
 Product: Not reported
 Pipe Material: Bare Steel
 Overfill Protection: 0
 Overfill Installed: Not reported
 Tank Exempt From Spill: 0
 Date Spill Device Installed: Not reported

Tankid: 2
 Name: BALCOM PROPERTY/FORMER MACON MARKET
 Address: 5296 RIVERSIDE DR
 Tank Status: Removed from Ground
 City: MACON
 Tank Material: Bare Steel
 Pipe Type: Not reported
 Overfill Type: Not reported
 Install Date: Not reported
 Facility ID: 10001330
 Status Date: Not reported
 Product: Not reported
 Pipe Material: Bare Steel
 Overfill Protection: 0
 Overfill Installed: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BALCOM PROPERTY/FORMER MACON MARKET (Continued)

U004117076

Tank Exempt From Spill: 0
 Date Spill Device Installed: Not reported

GA Financial Assurance 1:

Name: BALCOM PROPERTY/FORMER MACON MARKET
 Address: 5296 RIVERSIDE DR
 City,State,Zip: MACON, GA 31210
 Region: 1
 Facility ID: 10001330
 Financial Responsibility: Not reported
 Location Start Date: 05/15/2007
 Location End Date: 07/16/2007
 Location Status: Close
 Location Type: Gas Station
 Facility Status: ACTIVE

R92	BALCOM PROPERTY/FORMER MACON MARKET	RGA LUST	S115530244
NW	5296 RIVERSIDE DR		N/A
1/4-1/2	MACON, GA		
0.468 mi.			
2473 ft.	Site 5 of 5 in cluster R		

Relative:	RGA LUST:						
Higher		2012	BALCOM PROPERTY/FORMER MACON MARKET	5296 RIVERSIDE DR			
		2011	BALCOM PROPERTY/FORMER MACON MARKET	5296 RIVERSIDE DR			
Actual:		2010	BALCOM PROPERTY/FORMER MACON MARKET	5296 RIVERSIDE DR			
433 ft.		2009	BALCOM PROPERTY/FORMER MACON MARKET	5296 RIVERSIDE DR			
		2008	BALCOM PROPERTY/FORMER MACON MARKET	5296 RIVERSIDE DR			
		2007	BALCOM PROPERTY/FORMER MACON MARKET	5296 RIVERSIDE DR			

T93	MACON MTSO ECP 5	TIER 2	S109508415
SSE	4306 SHERATON DRIVE		N/A
1/4-1/2	MACON, GA 31210		
0.475 mi.			
2508 ft.	Site 1 of 3 in cluster T		

Relative:	GA TIER 2:						
Higher	Reporting Year:	2008					
	Facility ID:	FATR20086ATCNP0253TB					
Actual:	Facility Country:	USA					
375 ft.	Company Name:	Not reported					
	Date Submitted:	Not reported					
	Filing Type:	Not reported					
	SIC Code:	Not reported					
	NAICS Code:	Not reported					
	Dun&Bradstreet Code:	Not reported					
	Chemicals Same as Last Year:	Not reported					
	Data Tier 2 Signed:	01/16/2009					
	Dikes/Saveguard Measures:	Not reported					
	Facility Department:	Not reported					
	Facility Date Modified:	05/13/2009					
	State Fees Total:	Not reported					
	Mailing Address:	PO BOX 97061					
	Mailing City,St,Zip:	REDMOND, WA 98073					
	Mailing Country:	USA					
	Latitude:	Not reported					

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACON MTSO ECP 5 (Continued)

S109508415

Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: This facility passed all validation checks.

Facility Info:

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/4/2009
ID: Dun & Bradstreet

Year: Not reported
Facility ID Description: RADIOTELEPHONE COMMUNICATIONS
Facility ID Type: 4812
Facility ID Last Modified: 2/4/2009
ID: SIC

Year: Not reported
Facility ID Description: Cellular and Other Wireless Telecommunications
Facility ID Type: 513322
Facility ID Last Modified: 2/4/2009
ID: NAICS

Contact:

Year: Not reported
Contact ID: CTTR22008FAWS0106QM1
Contact Title: Not reported
Contact First Name: Not reported
Contact Last Name: AT&T Mobility LLC
Contact Email: ehs.compliance@cingular.com
Contact Mail Address: P.O. Box 97061
Contact Mail City,St,Zip: Redmond, WA 980739761
Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Type: Owner / Operator
Contact Modification Date: 2/4/2009

Contact:

Year: Not reported
Contact ID: CTTR22008FAWS0142666
Contact Title: Facility Manager
Contact First Name: Carol
Contact Last Name: Chafin
Contact Email: Not reported
Contact Mail Address: Not reported
Contact Mail City,St,Zip: Not reported
Contact Mail Country: Not reported
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/4/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASHEEV, LLC DBA PIN STRIKES (Continued)

S127158205

Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: DOUBLE P GRADING INCORPORATION
Postmarked Date: 6/6/2008
Issue Date: 8/1/2008
Permit Status: Terminated
Total Acres: 4
50 or More Acres Disturbed: N/A
Impaired Stream Segments: N
TMDL Implementation Plans: N
Common Development Name: NA
Active or Term: Terminated
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: Superseded

Name: ASHEEV, LLC DBA PIN STRIKES
Address: 4318 SHERATON DRIVE
City,State,Zip: MACON, GA
Notice of Intent Num: GAR112761
Facility Type Desc: Not reported
Owner: MR. BOB PATEL
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2018
Permit Action Status: No Longer In Effect
Extension Date: Not reported
Termination Date: 08/15/2017
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: 09/29/2016
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: Not reported
Postmarked Date: 10/12/2016

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ASHEEV, LLC DBA PIN STRIKES (Continued)

S127158205

Issue Date: 9/23/2013
 Permit Status: Terminated
 Total Acres: 4
 50 or More Acres Disturbed: N/A
 Impaired Stream Segments: N
 TMDL Implementation Plans: N
 Common Development Name: NA
 Active or Term: Terminated
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Jody Sapp
 Area Specialist: Not reported
 Engineer: Elnora Vinson
 Action Status: No Longer In Effect

T96
SSE
 1/2-1
 0.502 mi.
 2648 ft.
 Relative:
 Higher
 Actual:
 388 ft.

ASHEEV, LLC DBA PIN STRIKES
4318 SHERATON DRIVE
MACON, GA 00000

FINDS 1022972681
ECHO N/A

Site 3 of 3 in cluster T

FINDS:
 Registry ID: 110070009030

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
 Envid: 1022972681
 Registry ID: 110070009030
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070009030>
 Name: ASHEEV, LLC DBA PIN STRIKES
 Address: 4318 SHERATON DRIVE
 City,State,Zip: MACON, GA 00000

U97
SSE
 1/2-1
 0.606 mi.
 3198 ft.
 Relative:
 Lower
 Actual:
 339 ft.

GA POWER
2112 ARKWRIGHT ROAD
MACON, GA 31210

SPILLS 90 S112371410
N/A

Site 1 of 2 in cluster U

Spills:
 Status: Not reported
 Contact Name: Not reported
 Contact Phone: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GA POWER (Continued)

S112371410

Site ID: GASP-0402-0004373
 Secondary ID: 07
 Cross Street: Not reported
 County: BIBB
 Longitude: -83693724
 Latitude: 32912964
 Elevation: 341

Site Information: Not reported
 Date: 10/28/1992
 Material: OIL
 Waterway Impacted: OCMULGEE RIVER
 Action: NONE
 Referred To: NONE
 Nature Of Incident: Not reported

**U98
 SE
 1/2-1
 0.617 mi.
 3260 ft.**

**OCMULGEE MARKETING INC
 4149 ARKWRIGHT RD
 MACON, GA 31210**

**EDR Hist Auto 1020474657
 N/A**

Site 2 of 2 in cluster U

**Relative:
 Lower** EDR Hist Auto

Actual: 334 ft.	Year: Name: Type:
	1996 OCMULGEE MARKETING INC Engine Fuels And Oils
	1997 OCMULGEE MARKETING INC Engine Fuels And Oils
	1998 OCMULGEE MARKETING INC Engine Fuels And Oils
	1999 OCMULGEE MARKETING INC Engine Fuels And Oils
	2000 OCMULGEE MARKETING INC Engine Fuels And Oils
	2001 OCMULGEE MARKETING INC Engine Fuels And Oils

**99
 NW
 1/2-1
 0.652 mi.
 3441 ft.**

**1770 BASS ROAD
 1770 BASS ROAD
 MACON, GA**

**NPDES S127156685
 N/A**

**Relative:
 Higher** NPDES:

Actual: 411 ft.	Name: 1770 BASS ROAD
	Address: 1770 BASS ROAD
	City,State,Zip: MACON, GA
	Notice of Intent Num: GAR108191
	Facility Type Desc: Not reported
	Owner: STEVE EBBERT
	Sic Code: Not reported
	Effective Date: Not reported
	Expiration Date: 07/31/2013
	Permit Action Status: No Longer In Effect
	Extension Date: Not reported
	Termination Date: Not reported
	Is 303D: Not reported
	Numeric Effluent Limit: Not reported
	Samples Appx C: Not reported
	Is Meeting POC: Not reported
	ICIS Number: Not reported
	Application Received Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1770 BASS ROAD (Continued)

S127156685

Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	STEVE EBBERT
Postmarked Date:	10/12/2007
Issue Date:	8/1/2008
Permit Status:	Expired
Total Acres:	1.64
50 or More Acres Disturbed:	Not reported
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

V100
WNW
1/2-1
0.654 mi.
3453 ft.

**BASS AT WESLYN STORAGE FACILITY5402 NEW FORSYTH ROAD SUITE E
 MACON, GA**

SPILLS S109585768
N/A

Site 1 of 4 in cluster V

Relative:
Higher
Actual:
365 ft.

SPILLS:	
Name:	Not reported
Address:	BASS AT WESLYN STORAGE FACILITY5402 NEW FORSYTH ROAD SUITE E
City,State,Zip:	MACON, GA
CTS Number:	56582
Spill Number:	Not reported
UN Number:	Not reported
UN Number2:	Not reported
Report Number:	Not reported
Report Date:	Not reported
Report Time:	Not reported
Spill Date:	Not reported
Spill Time:	Not reported
Incident Type:	Not reported
Material Involved:	Not reported
Quantity:	Not reported
Phase:	Not reported
Radioactive:	Not reported
Material 2:	Not reported
Quantity 2:	Not reported
Phase 2:	Not reported
Radioactive 2:	Not reported
Waterway Impctd:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S109585768

Evacuation: Not reported
Caller: Not reported
Organization: Not reported
Org Phone: Not reported
Primary Concern: Not reported
Associate Name: Not reported
Investigation Date: Not reported
Resolved: Not reported
Closure Date: Not reported
Ten Days Follow Up: Not reported
Transferred Record: Not reported
Fire: Not reported
Police: Not reported
Sheriff: Not reported
GSP: Not reported
Medical: Not reported
EPA: Not reported
USCG: Not reported
EMA: Not reported
DRN: Not reported
DOT: Not reported
Responsible Prty: ROBERT LEWIS
RP Contact: Not reported
RP Address: Not reported
RP Phone: Not reported
RP City: Not reported
Action Code: Not reported
Action: Not reported
Investigator: Not reported
EOC Operator: Not reported
Time EOC Notifd: Not reported
Time Dispatched: Not reported
Complaint Code: Not reported
Complaint ID: Not reported
Cmplaint Referred: Not reported
Report Sum: Not reported
At: Not reported
DDO: Not reported
Date Recieved: 02/27/2009
Comments: Not reported
Comments 1: Not reported
Referred: Not reported
Comments 2: Not reported
Substance: Not reported
Comments 3: Not reported
Location: Not reported
Comments 4: Not reported
Source: Not reported
Comments 5: Not reported
Details: Not reported

Additional Info: Not reported
Comments 6: Not reported
Comments 7: Not reported
Incident: NRC #898649CALLER IS REPORTING THAT (30-35) 55 GALLON DRUMS AND (6) 300 GALLON TOTES CONTAINING UNKNOWN MATERIAL WERE DISCOVERED IN A 5 MINI UNIT AT A STORAGE FACILITY. CALLER STATED THAT MATERIAL RELEASED

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S109585768

FROM ONE OF THE TOTE'S ONTO THE FLOOR OF A UNIT. CALLER ALSO STATED THAT THE DRUMS BELONG TO A COMPANY BY THE NAME OF YKK AND 25 OF THE DRUMS WERE LABELED "HAZARDOUS WASTE". EPA WILL GO OUT WITH EMERGENCY RESPONSE TO INVESTIGATE THE SITUATION, YKK COMPANY WILL HIRE A CONTRACTOR TO REMOVE THE DRUMS AND TOTESPAGED JENNIFER HICKS AT 1303 ID#10923PAGED JENNIFER HICKS AT 1318 ID#10925GIVEN ADDITIONAL NUMBER FOR JENNIFER AT 13:43BRIEFED JENNIFER HICKS AT 1345

Primary Concern 1 Description: Not reported
 Primary Concern 2: Not reported
 Primary Concern 2 Description: Not reported
 Source Address 1: Not reported
 Source Address 2: Not reported
 Source City: Not reported
 Source State: Not reported
 Source Zip: Not reported
 Direction: Not reported
 Caller Address 1: Not reported
 Caller Address 2: Not reported
 Caller City: Not reported
 Caller State: Not reported
 Caller Zip: Not reported
 Comp City: Not reported
 Branch: Not reported
 BDesc: Not reported
 Program: Not reported
 Prog Desc: Not reported
 Accept Date: Not reported
 Assign Date: Not reported
 FUJ Need: Not reported
 Refer 2: Not reported
 Contact: Not reported
 Active: Not reported
 Facility ID: Not reported
 Approved Date: Not reported
 Facility Status: Not reported

V101
 WNW
 1/2-1
 0.655 mi.
 3459 ft.

5402 NEW FORSYTH ROAD
 MACON, GA 31210

Site 2 of 4 in cluster V

ERNS 2009898649
 N/A

Relative:
 Lower
 Actual:
 364 ft.

Incident Commons:
 NRC Report #: 898649
 Description of Incident: CALLER IS REPORTING THAT (30-35) 55 GALLON DRUMS AND (6) 300 GALLON TOTES CONTAINING UNKNOWN MATERIAL WERE DISCOVERED IN 5 MINI UNIT AT A STORAGE FACILITY. CALLER STATED THAT MATERIAL RELEASED FROM ONE OF THE TOTE'S ONTO THE FLOOR OF A UNIT. CALLER ALSO STATED THAT THE DRUMS BELONG TO A COMPANY BY THE NAME OF YKK AND 25 OF THE DRUMS WERE LABELED "HAZARDOUS WASTE".
 Type of Incident: STORAGE TANK
 Incident Cause: OTHER
 Incident Date Time: 2009-02-26 15:00:00
 Incident DTG: DISCOVERED
 Incident Location: BASS AT WESLYN STORAGE FACILITY
 Loaction Address: 5402 NEW FORSYTH ROAD
 Location Street 1: SUITE E
 Location Street 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2009898649

Location Nearest City: MACON
Location State: GA
Location County: BIBB
Location Zip: 31210
Distance From City: Not reported
Distance Units: Not reported
Direction From City: Not reported
Lat Deg: Not reported
Lat Min: Not reported
Lat Sec: Not reported
Lat Quad: Not reported
Long Deg: Not reported
Long Min: Not reported
Long Sec: Not reported
Long Quad: Not reported
Location Section: Not reported
Location Township: Not reported
Location range: Not reported
Potential Range: N

Incidents:

NRC Report #: 898649
Aircraft Type: Not reported
Aircraft Model: Not reported
Aircraft ID: Not reported
Aircraft Fuel Capacity: Not reported
Aircraft Fuel Capacity Units: Not reported
Aircraft Fuel on Board: Not reported
Aircraft Fuel on Board Units: Not reported
Aircraft Spot Number: Not reported
Aircraft Hanger: Not reported
Aircraft Runway Number: Not reported
Road Mile Marker: Not reported
Building ID: Not reported
Type of Fixed Object: Not reported
Power Generating Facility: U
Generating Capacity: Not reported
Type of Fuel: Not reported
NPDES: Not reported
NPDES Compliance: U
Pipeline Type: Not reported
DOT Regulated: U
Pipeline Above Ground: ABOVE
Exposed Underwater: N
Pipeline Covered: U
Railroad Hotline: Not reported
Grade Crossing: U
Location Subdivision: Not reported
Railroad Milepost: Not reported
Type Vehicle Involved: Not reported
Crossing Device Type: Not reported
Device Operational: U
DOT Crossing Number: Not reported
Brake Failure: U
Description of Tank: 55 GALLONS DRUMS/ 300 GALLON TOTES
Tank Above Ground: ABOVE
Transportable Container: Y
Tank Regulated: U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2009898649

Tank Regulated By:	Not reported
Tank ID:	Not reported
Capacity of Tank:	Not reported
Capacity of Tank Units:	Not reported
Actual Amount:	Not reported
Actual Amount Units:	Not reported
Platform Rig Name:	Not reported
Platform Letter:	Not reported
Location Area ID:	Not reported
Location Block ID:	Not reported
OCSG Number:	Not reported
OCSF Number:	Not reported
State Lease Number:	Not reported
Pier Dock Number:	Not reported
Berth Slip Number:	Not reported
Continuous Release Type:	Not reported
Initial Continuous Release No:	Not reported
Continuous Release Permit:	Not reported
Allision:	U
Type of Structure:	Not reported
Structure Name:	Not reported
Structure Operational:	U
Airbag Deployed:	U
Date Tiem Normal Service:	Not reported
Service Disruption Time:	Not reported
Service Disruption Units:	Not reported
Transit Bus Flag:	Not reported
CR Begin Date:	Not reported
CR End Date:	Not reported
CR Change Date:	Not reported
FBI Contact:	Not reported
FBI Contact Date Time:	Not reported
Sub Part C Testing Req:	XXX
Conductor Testing:	Not reported
Engineer Testing:	Not reported
Trainman Testing:	Not reported
Yard Foreman Testing:	Not reported
RCL Operator Testing:	Not reported
Brakeman Testing:	Not reported
Train Dispatcher Testing:	Not reported
Signalman Testing:	Not reported
Other Employee Testing:	Not reported
Unknown Testing:	Not reported
Passenger Handling:	Not reported
Passenger Route:	XXX
Passenger Delay:	XXX

Incident Details:

NRC Report #:	898649
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Number Evacuated:	Not reported
Who Evacuated:	Not reported
Radius of Evacuation:	Not reported
Any Injuries:	N
Number Injured:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2009898649

Number Hospitalized:	Not reported
Any Fatalities:	N
Number Fatalities:	Not reported
Any Damages:	N
Damage Amount:	Not reported
Air Corridor Closed:	N
Air Corridor Desc:	Not reported
Air Closure Time:	Not reported
Waterway Closed:	N
Waterway Desc:	Not reported
Waterway Closure Time:	Not reported
Road Closed:	N
Road Desc:	Not reported
Road Closure Time:	Not reported
Closure Direction:	Not reported
Major Artery:	N
Track Closed:	N
Track Desc:	Not reported
Track Closure Time:	Not reported
Media Interest:	NONE
Medium Desc:	OTHER
Additional Medium Info:	ONTO THE FLOOR OF THE STORAGE UNIT
Body of Water:	Not reported
Tributary of:	Not reported
Release Secured:	U
Estimated Duration of Release:	Not reported
Release rate:	Not reported
Desc Remedial Action:	EPA WILL GO OUT WITH EMERGENCY RESPONSE TO INVESTIGATE THE SITUATION, YKK COMPANY WILL HIRE A CONTACTOR TO REMOVE THE DRUMS AND TOTES.
State Agency on Scene:	Not reported
State Agency Report Number:	Not reported
Other Agency Notified:	Not reported
Weather Conditions:	CLEAR
Air Temperature:	Not reported
Wind Speed:	Not reported
Wind Direction:	Not reported
Water Supply Contaminated:	U
Sheen Size:	Not reported
Sheen Color:	Not reported
Direction of Sheen Travel:	Not reported
Sheen Odor Description:	Not reported
Wave Condition:	Not reported
Current Speed:	Not reported
Current Direction:	Not reported
Water Temperature:	Not reported
Track Close Dir:	Not reported
Empl Fatality:	Not reported
Pass Fatality:	Not reported
Community Impact:	Not reported
Wind Speed Unit:	Not reported
Employee Injuries:	Not reported
Passenger Injuries:	Not reported
Occupant Fatality:	Not reported
Current Speed Unit:	Not reported
Road Closure Units:	Not reported
Track CLosure Units:	Not reported
Sheen Size Units:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2009898649

Additional Info: CALLER HAD NO FURTHER INFORMATION.
State Agency Notified: NONE
Federal Agency Notified: NONE
nearest River Mile Marker: Not reported
Sheen Size Length: Not reported
Sheen Size Length Units: Not reported
Sheen Size Width: Not reported
Sheen Size Width Units: Not reported
Offshore: N
Duration Unit: Not reported
Release Rate Unit: Not reported
Release Rate Rate: Not reported
Passengers Transferred: NO

Calls:

NRC Report #: 898649
Site ID: 2009898649
Date Time Received: 2009-02-27 12:33:53
Date Time Complete: 2009-02-27 12:50:38
Call Type: INC
Responsible Company: Not reported
Responsible Org Type: PRIVATE CITIZEN
Responsible City: ALBANY
Responsible State: GA
Responsible Zip: Not reported
On Behalf: N
Source: TELEPHONE

Material Involved:

NRC Report #: 898649
Chris Code: UNK
Case Number: 000000-00-0
UN Number: Not reported
Amount of Material: 0
Unit of Measure: UNKNOWN AMOUNT
Name of Material: UNKNOWN MATERIAL
If Reached Water: NO
Amount in Water: Not reported
Unit of Measure Reach Water: Not reported

V102
WNW
1/2-1
0.701 mi.
3702 ft.
Relative:
Higher
Actual:
367 ft.

STEPHENS J L LUBRICANTS
5462 NEW FORSYTH RD
MACON, GA 31210

Site 3 of 4 in cluster V

EDR Hist Auto

EDR Hist Auto 1020617752
N/A

Year:	Name:	Type:
1992	STEPHENS J L LUBRICANTS	Petroleum Products, NEC
1993	STEPHENS J L LUBRICANTS	Petroleum Products, NEC
1994	STEPHENS J L LUBRICANTS	Petroleum Products, NEC
1995	STEPHENS J L LUBRICANTS	Petroleum Products, NEC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

V103 **ALTERNATIVE WASTE SERVICES, INC. COLLECTION** **SWF/LF** **S113244426**
WNW **5462 NEW FORSYTH ROAD**
1/2-1 **MACON, GA 31210** **N/A**

0.701 mi.
3702 ft. **Site 4 of 4 in cluster V**

Relative:
Higher

SWF/LF:

Actual:
367 ft.

Name: ALTERNATIVE WASTE SERVICES, INC. COLLECTION
 Address: 5462 NEW FORSYTH ROAD
 City,State,Zip: MACON, GA 31210
 Facility Type Description: C AND D WASTE
 Facility Mgr Name: Not reported
 Facility Mgr Addr: Not reported
 Facility Mgr City/State/Zip: Not reported
 Facility Mgr Telephone: Not reported
 Incoming Waste Stream Type: Not reported
 Permit Number: PBR-011-23COL
 Operating Status: Not reported
 Dominion: *
 Type: Not reported
 Owner Name: Not reported
 Owner Address: Not reported
 Owner City: Not reported
 Owner State: Not reported
 Owner Zip: Not reported
 Owner Phone: Not reported
 Mailing Address: Not reported
 Mailing City: Not reported
 Mailing State: Not reported
 Mailing Zip: Not reported
 EDR Link ID: PBR-011-23COL
 Waste Description: Not reported
 Facility Manager Title: Not reported
 Comments: Not reported
 Public: Not reported
 Liner: Not reported
 Hours: Not reported
 Asbestos Type: Not reported
 Contact Name: Not reported
 Contact Telephone: Not reported
 Latitude: Not reported
 Longitude: Not reported

Name: ALTERNATIVE WASTE SERVICES, INC. COLLECTION
 Address: 5462 NEW FORSYTH ROAD
 City,State,Zip: MACON, GA 31210
 Facility Type Description: Collection Operation
 Facility Mgr Name: TERRY BARRETT
 Facility Mgr Addr: Not reported
 Facility Mgr City/State/Zip: Not reported
 Facility Mgr Telephone: 478 475-0606
 Incoming Waste Stream Type: Not reported
 Permit Number: PBR-011-23COL
 Operating Status: Not reported
 Dominion: Not reported
 Type: Not reported
 Owner Name: TERRY BARRETT
 Owner Address: Not reported
 Owner City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALTERNATIVE WASTE SERVICES, INC. COLLECTION (Continued)

S113244426

Owner State: Not reported
Owner Zip: Not reported
Owner Phone: 475-0606
Mailing Address: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
EDR Link ID: PBR-011-23COL
Waste Description: Not reported
Facility Manager Title: Not reported
Comments: Not reported
Public: Not reported
Liner: Not reported
Hours: Not reported
Asbestos Type: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Latitude: Not reported
Longitude: Not reported

Name: ALTERNATIVE WASTE SERVICES, INC. COLLECTION
Address: 5462 NEW FORSYTH ROAD
City,State,Zip: MACON, GA 31210
Facility Type Description: Not reported
Facility Mgr Name: Not reported
Facility Mgr Addr: Not reported
Facility Mgr City/State/Zip: Not reported
Facility Mgr Telephone: Not reported
Incoming Waste Stream Type: Not reported
Permit Number: PBR-011-23COL
Operating Status: Operating
Dominion: Not reported
Type: SW- Collection
Owner Name: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip: Not reported
Owner Phone: Not reported
Mailing Address: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
EDR Link ID: PBR-011-23COL
Waste Description: Not reported
Facility Manager Title: Not reported
Comments: Not reported
Public: Not reported
Liner: Not reported
Hours: Not reported
Asbestos Type: Not reported
Contact Name: TERRY BARRETT
Contact Telephone: 478-475-0606
Latitude: 90
Longitude: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

104
SE
1/2-1
0.717 mi.
3788 ft.

RIVER NORTH CC INC
1 RIVER NORTH BLVD
MACON, GA

UST
Financial Assurance U001492162
N/A

Relative:
Lower
Actual:
348 ft.

UST:

Name: RIVER NORTH CC INC
Address: 1 RIVER NORTH BLVD
City,State,Zip: MACON, GA

Tank Info:

Tankid: 1
Name: RIVER NORTH CC INC
Address: 1 RIVER NORTH BLVD
Tank Status: Permanently Out of Use - historical purposes
City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 01/01/1977
Facility ID: 9084011
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Galvanized Steel
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tankid: 2
Name: RIVER NORTH CC INC
Address: 1 RIVER NORTH BLVD
Tank Status: Permanently Out of Use - historical purposes
City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 01/01/1977
Facility ID: 9084011
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Galvanized Steel
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tankid: 3
Name: RIVER NORTH CC INC
Address: 1 RIVER NORTH BLVD
Tank Status: Permanently Out of Use - historical purposes
City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 01/01/1977
Facility ID: 9084011
Status Date: Not reported
Product: Diesel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVER NORTH CC INC (Continued)

U001492162

Pipe Material: Galvanized Steel
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

GA Financial Assurance 1:

Name: RIVER NORTH CC INC
Address: 1 RIVER NORTH BLVD
City,State,Zip: MACON, GA 31211
Region: 1
Facility ID: 9084011
Financial Responsibility: Not reported
Location Start Date: 10/05/1990
Location End Date: 08/01/1995
Location Status: Close
Location Type: Commercial
Facility Status: INACTIVE

105
WNW
1/2-1
0.740 mi.
3909 ft.

IKON OFFICE SOLUTIONS
1738 BASS ROAD
MACON, GA 31210

AST A100498558
N/A

Relative:
Higher
Actual:
385 ft.

AST:
Name: IKON OFFICE SOLUTIONS
Address: 1738 BASS ROAD
City,State,Zip: MACON, GA 31210
Owner Name: Ikon Office Solutions
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-FLU-028

W106
SE
1/2-1
0.761 mi.
4017 ft.

XXX
933 RIVER NORTH BLVD
MACON, GA 31211

FINDS 1016299159
N/A

Site 1 of 3 in cluster W

Relative:
Lower
Actual:
301 ft.

FINDS:
Registry ID: 110011888733

Click Here:

Environmental Interest/Information System:

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

XXX (Continued)

1016299159

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

W107
SE
1/2-1
0.761 mi.
4017 ft.

XXX
933 RIVER NORTH BLVD
MACON, GA 31211
Site 2 of 3 in cluster W

FTTS 1005624647
HIST FTTS N/A

Relative:
Lower
Actual:
301 ft.

FTTS INSP:
Inspection Number: 1997073011342 1
Region: 04
Inspection Date: 07/30/97
Inspector: MARY SUMMERS
Violation occurred: No
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: For Cause, Private Citizen/Press Complaint
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:
Inspection Number: 1997073011342 1
Region: 04
Inspection Date: Not reported
Inspector: MARY SUMMERS
Violation occurred: No
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: For Cause, Private Citizen/Press Complaint
Legislation Code: TSCA
Facility Function: User

X108
SSW
1/2-1
0.798 mi.
4215 ft.

WESLEYAN CROSSING LOTS 29&30
1205 AND 1209 GLEN LEA DRIVE
MACON, GA 31210
Site 1 of 8 in cluster X

NPDES S127263762
N/A

Relative:
Higher
Actual:
398 ft.

NPDES:
Name: WESLEYAN CROSSING LOTS 29&30
Address: 1205 AND 1209 GLEN LEA DRIVE
City,State,Zip: MACON, GA 31210
Notice of Intent Num: GAR38907A
Facility Type Desc: Not reported
Owner: Overlook at Arkwright, LLC
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2023
Permit Action Status: In Effect
Extension Date: Not reported
Termination Date: Not reported
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESLEYAN CROSSING LOTS 29&30 (Continued)

S127263762

ICIS Number: Not reported
Application Received Date: 08/07/2019
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Residential
Common Development Type: CPD Tertiary
Related Primary: Not reported
Operator: Overlook at Arkwright, LLC
Postmarked Date: 8/21/2019
Issue Date: 8/1/2018
Permit Status: In Effect
Total Acres: 0.47
50 or More Acres Disturbed: N
Impaired Stream Segments: Not reported
TMDL Implementation Plans: Not reported
Common Development Name: Not reported
Active or Term: Active
Coverage Status: Covered
Lot Numbers: Lots 29 & 30
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: In Effect

X109
SSW
1/2-1
0.798 mi.
4215 ft.

WESLEYAN CROSSING LOTS 29&30
1205 AND 1209 GLEN LEA DRIVE
MACON, GA 31210

FINDS 1025989793
N/A

Site 2 of 8 in cluster X

Relative:
Higher

FINDS:
Registry ID: 110070602889

Actual:
398 ft.

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

X110 SSW 1/2-1 0.798 mi. 4215 ft.	WESLEYAN CROSSING LOTS 29&30 1205 AND 1209 GLEN LEA DRIVE MACON, GA 31210 Site 3 of 8 in cluster X	ECHO	1025920914 N/A
--	---	-------------	---------------------------------

Relative: Higher	ECHO: Envid: 1025920914 Registry ID: 110070602889 DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070602889 Name: WESLEYAN CROSSING LOTS 29&30 Address: 1205 AND 1209 GLEN LEA DRIVE City,State,Zip: MACON, GA 31210
-----------------------------------	--

111 WNW 1/2-1 0.807 mi. 4260 ft.	BASS MARKET PLACE 16 - ACRE TRACT - STOCKPILE NEW FORSYTH ROAD AND BASS ROAD MACON, GA	NPDES	S127189791 N/A
---	---	--------------	---------------------------------

Relative: Lower	NPDES: Name: BASS MARKET PLACE 16 - ACRE TRACT - STOCKPILE Address: NEW FORSYTH ROAD AND BASS ROAD City,State,Zip: MACON, GA Notice of Intent Num: GAR309339 Facility Type Desc: Not reported Owner: BASS ROAD DEVELOPMENTS LLC Sic Code: Not reported Effective Date: Not reported Expiration Date: 07/31/2013 Permit Action Status: No Longer In Effect Extension Date: Not reported Termination Date: Not reported Is 303D: Not reported Numeric Effluent Limit: Not reported Samples Appx C: Not reported Is Meeting POC: Not reported ICIS Number: Not reported Application Received Date: Not reported Owner First Name: Not reported Owner Last Name: Not reported Owner Title: Not reported Owner Telephone: Not reported Owner Email: Not reported Comments: Not reported Latitude: Not reported Longitude: Not reported District: West Central District - Macon Construction Activity: Commercial Common Development Type: CPD Primary Related Primary: Not reported Operator: APPLING BROTHERS COMPANY Postmarked Date: 11/30/2007 Issue Date: 8/1/2008 Permit Status: Expired Total Acres: 8.7 50 or More Acres Disturbed: Not reported Impaired Stream Segments: Not reported TMDL Implementation Plans: Not reported Common Development Name: Not reported
----------------------------------	--

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BASS MARKET PLACE 16 - ACRE TRACT - STOCKPILE (Continued)

S127189791

Active or Term:	Active
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

X112
SSW
1/2-1
0.809 mi.
4269 ft.

WESLEYAN CROSSING LOTS 31-32, 37-38, 39
1206 GLEN LEA RD, 1107 AND 1108 STILLWATER LANE
MACON, GA 31210

NPDES S127273492
N/A

Site 4 of 8 in cluster X

Relative:
Higher
Actual:
388 ft.

NPDES:	
Name:	WESLEYAN CROSSING LOTS 31-32, 37-38, 39
Address:	1206 GLEN LEA RD, 1107 AND 1108 STILLWATER LANE
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR38B6D9
Facility Type Desc:	Not reported
Owner:	Overlook at Arkwright, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	07/29/2020
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Residential
Common Development Type:	CPD Tertiary
Related Primary:	Not reported
Operator:	Overlook at Arkwright, LLC
Postmarked Date:	8/12/2020
Issue Date:	8/1/2018
Permit Status:	In Effect
Total Acres:	1.36
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Covered
Lot Numbers:	Lots 31-32, 37-38, 39
NOI Specialist:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

WESLEYAN CROSSING LOTS 31-32, 37-38, 39 (Continued)

S127273492

Area Specialist: Not reported
 Engineer: Not reported
 Action Status: In Effect

X113 **WESLEYAN CROSSING LOTS 31-32, 37-38, 39** **ECHO** **1026506143**
SSW **1206 GLEN LEA RD, 1107 AND 1108 STILLWATER LANE** **N/A**
1/2-1 **MACON, GA 31210**
0.809 mi.
4269 ft. **Site 5 of 8 in cluster X**

Relative: ECHO:
Higher Envid: 1026506143
Actual: Registry ID: 110070830957
388 ft. DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070830957>
 Name: WESLEYAN CROSSING LOTS 31-32, 37-38, 39
 Address: 1206 GLEN LEA RD, 1107 AND 1108 STILLWATER LANE
 City,State,Zip: MACON, GA 31210

X114 **WESLEYAN CROSSING LOTS 31-32, 37-38, 39** **FINDS** **1026538187**
SSW **1206 GLEN LEA RD, 1107 AND 1108 STILLWATER LANE** **N/A**
1/2-1 **MACON, GA 31210**
0.809 mi.
4269 ft. **Site 6 of 8 in cluster X**

Relative: FINDS:
Higher Registry ID: 110070830957
Actual:
388 ft. Click Here:
 Environmental Interest/Information System:
 US National Pollutant Discharge Elimination System (NPDES) module of
 the Compliance Information System (ICIS) tracks surface water permits
 issued under the Clean Water Act. Under NPDES, all facilities that
 discharge pollutants from any point source into waters of the United
 States are required to obtain a permit. The permit will likely contain
 limits on what can be discharged, impose monitoring and reporting
 requirements, and include other provisions to ensure that the
 discharge does not adversely affect water quality.

 [Click this hyperlink](#) while viewing on your computer to access
 additional FINDS: detail in the EDR Site Report.

X115 **WESLEYAN CROSSING LOT 36** **FINDS** **1024727602**
SSW **1043 BROOKFORD ROAD** **ECHO** **N/A**
1/2-1 **MACON, GA 31210**
0.812 mi.
4286 ft. **Site 7 of 8 in cluster X**

Relative: FINDS:
Lower Registry ID: 110070517308
Actual:
354 ft. Click Here:
 Environmental Interest/Information System:
 US National Pollutant Discharge Elimination System (NPDES) module of
 the Compliance Information System (ICIS) tracks surface water permits
 issued under the Clean Water Act. Under NPDES, all facilities that

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WESLEYAN CROSSING LOT 36 (Continued)

1024727602

discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024727602
 Registry ID: 110070517308
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070517308>
 Name: WESLEYAN CROSSING LOT 36
 Address: 1043 BROOKFORD ROAD
 City,State,Zip: MACON, GA 31210

X116
SSW
1/2-1
0.812 mi.
4286 ft.

WESLEYAN CROSSING LOT 36
1043 BROOKFORD ROAD
MACON, GA 31210

NPDES S127257334
N/A

Site 8 of 8 in cluster X

Relative:
Lower
Actual:
354 ft.

NPDES:
 Name: WESLEYAN CROSSING LOT 36
 Address: 1043 BROOKFORD ROAD
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR38773A
 Facility Type Desc: Not reported
 Owner: Overlook at Arkwright, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2023
 Permit Action Status: In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 01/23/2019
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Residential
 Common Development Type: CPD Tertiary
 Related Primary: Not reported
 Operator: Overlook at Arkwright, LLC
 Postmarked Date: 2/6/2019
 Issue Date: 8/1/2018
 Permit Status: In Effect

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WESLEYAN CROSSING LOT 36 (Continued)

S127257334

Total Acres: 0.25
 50 or More Acres Disturbed: N
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported
 Active or Term: Active
 Coverage Status: Covered
 Lot Numbers: Lots 36
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: In Effect

**W117
 SE
 1/2-1
 0.829 mi.
 4379 ft.**

**JAMES EMORY, INC.
 4108 ARKWRIGHT ROAD #1
 MACON, GA 31210**

**SWF/LF S127740932
 N/A**

Site 3 of 3 in cluster W

**Relative:
 Lower
 Actual:
 323 ft.**

SWF/LF:
 Name: JAMES EMORY, INC.
 Address: 4108 ARKWRIGHT ROAD #1
 City,State,Zip: MACON, GA 31210
 Facility Type Description: Not reported
 Facility Mgr Name: Not reported
 Facility Mgr Addr: Not reported
 Facility Mgr City/State/Zip: Not reported
 Facility Mgr Telephone: Not reported
 Incoming Waste Stream Type: Not reported
 Permit Number: PBR-143-011L
 Operating Status: Operating
 Dominion: Not reported
 Type: SW- Inert Landfill
 Owner Name: Not reported
 Owner Address: Not reported
 Owner City: Not reported
 Owner State: Not reported
 Owner Zip: Not reported
 Owner Phone: Not reported
 Mailing Address: Not reported
 Mailing City: Not reported
 Mailing State: Not reported
 Mailing Zip: Not reported
 EDR Link ID: PBR-143-011L
 Waste Description: Not reported
 Facility Manager Title: Not reported
 Comments: Not reported
 Public: Not reported
 Liner: Not reported
 Hours: Not reported
 Asbestos Type: Not reported
 Contact Name: JAMES EMORY, INC.
 Contact Telephone: 478-743-9083
 Latitude: 90
 Longitude: 0

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

Y118 West 1/2-1 0.833 mi. 4399 ft.	NORTH MACON PLAZA SITE GRADING IMPROVEMENTS TRACT 200 STARCADIA CIRCLE MACON, GA 31210 Site 1 of 4 in cluster Y	FINDS	1026396163 N/A
---	---	--------------	--------------------------

Relative: FINDS:
Lower Registry ID: 110070695978

Actual:
357 ft. Click Here:

Environmental Interest/Information System:
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Y119 West 1/2-1 0.833 mi. 4399 ft.	NORTH MACON PLAZA SITE GRADING IMPROVEMENTS TRACT 200 STARCADIA CIRCLE MACON, GA 31210 Site 2 of 4 in cluster Y	NPDES	S127177697 N/A
---	---	--------------	--------------------------

Relative: Lower Actual: 357 ft.	NPDES: Name: NORTH MACON PLAZA SITE GRADING IMPROVEMENTS TRACT 2 OUTPARCEL Address: 200 STARCADIA CIRCLE City,State,Zip: MACON, GA 31210 Notice of Intent Num: GAR188581 Facility Type Desc: Not reported Owner: Bass Road Development, LLC Sic Code: Not reported Effective Date: Not reported Expiration Date: 07/31/2023 Permit Action Status: In Effect Extension Date: Not reported Termination Date: Not reported Is 303D: Not reported Numeric Effluent Limit: Not reported Samples Appx C: Not reported Is Meeting POC: Not reported ICIS Number: Not reported Application Received Date: 02/03/2020 Owner First Name: Not reported Owner Last Name: Not reported Owner Title: Not reported Owner Telephone: Not reported Owner Email: Not reported Comments: Not reported Latitude: Not reported Longitude: Not reported District: West Central District - Macon Construction Activity: Commercial Common Development Type: Not reported Related Primary: Not reported	
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Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NORTH MACON PLAZA SITE GRADING IMPROVEMENTS TRACT 2 OUTPARCE (Continued)

S127177697

Operator:	Bass Road Development, LLC
Postmarked Date:	2/17/2020
Issue Date:	8/1/2018
Permit Status:	In Effect
Total Acres:	5.3
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	In Effect

Y120
West
1/2-1
0.833 mi.
4399 ft.

NORTH MACON PLAZA SITE GRADING IMPROVEMENTS TRACT
200 STARCADIA CIRCLE
MACON, GA 31210

ECHO 1026122801
N/A

Site 3 of 4 in cluster Y

Relative:
Lower
Actual:
357 ft.

ECHO:	
Envid:	1026122801
Registry ID:	110070695978
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070695978
Name:	NORTH MACON PLAZA SITE GRADING IMPROVEMENTS TRACT 2 OUTPARCEL
Address:	200 STARCADIA CIRCLE
City,State,Zip:	MACON, GA 31210

Y121
WNW
1/2-1
0.849 mi.
4481 ft.

J CHRISTOPHER'S RESTAURANT
220 STARCADIA CIRCLE
MACON, GA

NPDES S127158270
N/A

Site 4 of 4 in cluster Y

Relative:
Lower
Actual:
339 ft.

NPDES:	
Name:	J CHRISTOPHER'S RESTAURANT
Address:	220 STARCADIA CIRCLE
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR112889
Facility Type Desc:	Not reported
Owner:	RESTAURANT CONSULTING GROUP L.L.C.
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2013
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

J CHRISTOPHER'S RESTAURANT (Continued)

S127158270

Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	BEVINS ENTERPRISES
Postmarked Date:	6/26/2008
Issue Date:	8/1/2008
Permit Status:	Expired
Total Acres:	1.6
50 or More Acres Disturbed:	Not reported
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

Z122
SW
1/2-1
0.852 mi.
4499 ft.

WESLEYAN CROSSING LOT 43-44
1029 BROOKFORD ROAD
MACON, GA 31210
Site 1 of 8 in cluster Z

ECHO 1026734089
N/A

Relative:
Lower
Actual:
361 ft.

ECHO:
 Envid: 1026734089
 Registry ID: 110070891806
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070891806>
 Name: WESLEYAN CROSSING LOT 43-44
 Address: 1029 BROOKFORD ROAD
 City,State,Zip: MACON, GA 31210

Z123
SW
1/2-1
0.852 mi.
4499 ft.

WESLEYAN CROSSING LOT 43-44
1029 BROOKFORD ROAD
MACON, GA 31210
Site 2 of 8 in cluster Z

NPDES S127279487
N/A

Relative:
Lower
Actual:
361 ft.

NPDES:
 Name: WESLEYAN CROSSING LOT 43-44
 Address: 1029 BROOKFORD ROAD
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR38CE74
 Facility Type Desc: Not reported
 Owner: Overlook at Arkwright, LLC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WESLEYAN CROSSING LOT 43-44 (Continued)

S127279487

Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	01/15/2021
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Residential
Common Development Type:	CPD Tertiary
Related Primary:	Not reported
Operator:	Overlook at Arkwright, LLC
Postmarked Date:	1/29/2021
Issue Date:	8/1/2018
Permit Status:	In Effect
Total Acres:	0.46
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Covered
Lot Numbers:	Lot 43-44
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	In Effect

Z124
SW
1/2-1
0.852 mi.
4499 ft.

WESLEYAN CROSSING LOT 43-44
1029 BROOKFORD ROAD
MACON, GA 31210
Site 3 of 8 in cluster Z

FINDS 1026769299
N/A

Relative:
Lower
Actual:
361 ft.

FINDS:
 Registry ID: 110070891806

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESLEYAN CROSSING LOT 43-44 (Continued)

1026769299

limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Z125
SW
1/2-1
0.864 mi.
4561 ft.

WESLEYAN CROSSING LOTS 2, 6
1004 AND 1020 BROOKFORD ROAD
MACON, GA 31210

FINDS **1024710401**
ECHO **N/A**

Site 4 of 8 in cluster Z

Relative:
Higher

FINDS:
Registry ID: 110070504939

Actual:
366 ft.

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024710401
Registry ID: 110070504939
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070504939>
Name: WESLEYAN CROSSING LOTS 2, 6
Address: 1004 AND 1020 BROOKFORD ROAD
City,State,Zip: MACON, GA 31210

Z126
SW
1/2-1
0.864 mi.
4561 ft.

WESLEYAN CROSSING LOTS 2, 6
1004 AND 1020 BROOKFORD ROAD
MACON, GA 31210

NPDES **S127256893**
N/A

Site 5 of 8 in cluster Z

Relative:
Higher

NPDES:
Name: WESLEYAN CROSSING LOTS 2, 6
Address: 1004 AND 1020 BROOKFORD ROAD
City,State,Zip: MACON, GA 31210
Notice of Intent Num: GAR38757B
Facility Type Desc: Not reported
Owner: Overlook at Arkwright, LLC
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2023
Permit Action Status: In Effect
Extension Date: Not reported
Termination Date: Not reported

Actual:
366 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WESLEYAN CROSSING LOTS 2, 6 (Continued)

S127256893

Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	01/14/2019
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Residential
Common Development Type:	CPD Tertiary
Related Primary:	Not reported
Operator:	Overlook at Arkwright, LLC
Postmarked Date:	1/28/2019
Issue Date:	8/1/2018
Permit Status:	In Effect
Total Acres:	0.62
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Covered
Lot Numbers:	Lots 2 & 6
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	In Effect

AA127
WNW
1/2-1
0.879 mi.
4640 ft.

LULLWATER EAST
1693 BASS ROAD
MACON, GA
Site 1 of 5 in cluster AA

NPDES S127154935
N/A

Relative:
Lower
Actual:
350 ft.

NPDES:	
Name:	LULLWATER EAST
Address:	1693 BASS ROAD
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR102262
Facility Type Desc:	Not reported
Owner:	FICKLING AND COMPANY
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2013
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	11/06/2013
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LULLWATER EAST (Continued)

S127154935

ICIS Number:	Not reported
Application Received Date:	Not reported
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	FICKLING AND COMPANY
Postmarked Date:	1/25/2007
Issue Date:	8/1/2008
Permit Status:	Terminated
Total Acres:	1.66
50 or More Acres Disturbed:	Not reported
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

128
SE
1/2-1
0.884 mi.
4665 ft.

BILL J. CASSIDY
155 RIVER KNOLL MACON, GA, 31211
JONES (County), GA

SPILLS S119968925
N/A

Relative:
Lower
Actual:
321 ft.

SPILLS:	
Name:	BILL J. CASSIDY
Address:	155 RIVER KNOLL MACON, GA, 31211
City,State,Zip:	GA
CTS Number:	Not reported
Spill Number:	Not reported
UN Number:	Not reported
UN Number2:	Not reported
Report Number:	Not reported
Report Date:	Not reported
Report Time:	Not reported
Spill Date:	Not reported
Spill Time:	Not reported
Incident Type:	Not reported
Material Involved:	Not reported
Quantity:	Not reported
Phase:	Not reported
Radioactive:	Not reported
Material 2:	Not reported
Quantity 2:	Not reported
Phase 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL J. CASSIDY (Continued)

S119968925

Radioactive 2:	Not reported
Waterway Impctd:	Not reported
Evacuation:	Not reported
Caller:	FREDDIE WIGGINS
Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	Water Quality Control
Associate Name:	Not reported
Investigation Date:	Not reported
Resolved:	Not reported
Closure Date:	03/21/2008
Ten Days Follow Up:	Not reported
Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	50881
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	02/20/2008
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	155 RIVER KNOLL MACON, GA, 31211
Comments 4:	Not reported
Source:	BILL J. CASSIDY
Comments 5:	Not reported
Details:	SEWAGE OVERFLOW GRINDER PUMP IN LATERAL LINE BROKEN
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL J. CASSIDY (Continued)

S119968925

Primary Concern 1 Description: Not reported
Primary Concern 2: Sewage spill
Primary Concern 2 Description: Not reported
Source Address 1: 155 RIVER KNOLL
Source Address 2: Not reported
Source City: MACON
Source State: Georgia
Source Zip: 31211
Direction: ENTER RIVER NORTH FROM ARKWRIGHT TAKE FIRST RIGHT
Caller Address 1: 270 HWY 49
Caller Address 2: Not reported
Caller City: MACON
Caller State: Georgia
Caller Zip: 31211
Comp City: MACON
Branch: Not reported
BDesc: Not reported
Program: Not reported
Prog Desc: Not reported
Accept Date: 02/20/2008
Assign Date: 02/20/2008
FUI Need: Not reported
Refer 2: Not reported
Contact: BILL CASSIDY
Active: Not reported
Facility ID: Not reported
Approved Date: Not reported
Facility Status: Not reported

Spill Action:

Complaint Code: 50881
Code Desc: Follow-Up Investigation
Event Date: 02/21/2008
Comments: I Visited The Site And Documented That No Work Was Being Conducted. I Called And Spoke With Mr. Freddie Wiggins Who Stated That The Contractors Could Not Make It To Start The Work Today. He Further Stated That Jones County Would Set Up A Temporary Pump To Pump Down The Holding Tank Until Such Time That The Work Could Be Completed.

Investigator: jsapp
Entry Date: 02/26/2008

Complaint Code: 50881
Code Desc: Follow-Up Investigation
Event Date: 02/25/2008
Comments: I Called And Spoke With Mr. Wiggins Who Stated The Work Is In Progress And Should Be Completed By 2/26/2008.

Investigator: jsapp
Entry Date: 02/26/2008

Complaint Code: 50881
Code Desc: Follow-Up Investigation
Event Date: 03/04/2008
Comments: I Contacted Mr. Wiggins And He Stated That The Work Has Been Completed. I Requested A Letter Documenting The Actions Taken By Jones County To Correct The Issue. I Also Spoke With Mr. Bill Cassidy And Informed Him That The Work Has Been Completed.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL J. CASSIDY (Continued)

S119968925

Investigator: jsapp
Entry Date: 03/04/2008

Complaint Code: 50881
Code Desc: Follow-Up Investigation
Event Date: 03/05/2008
Comments: I Received A Letter From Mr. Wiggins Stating That The Sewer Line Has Been Repaired. The Contractor Routed The Line Directly Into The Lift Station.

Investigator: jsapp
Entry Date: 03/06/2008

Complaint Code: 50881
Code Desc: Follow-Up Investigation Report
Event Date: 03/12/2008
Comments: I Visited The Site And Documented That The Sewer Pipe Had Been Re-Routed. There Is A Disturbed Area Near The Lift Station That Needs To Be Stabilized. I Called And Spoke With Mr. Wiggins About Stabilizing The Area. He Stated He Would Mulch And Vegetate The Disturbed Area.

Investigator: jsapp
Entry Date: 03/13/2008

Complaint Code: 50881
Code Desc: Follow-Up Investigation Report
Event Date: 03/19/2008
Comments: I Visited The Site And Documented That The Area Near The List Station Had Been Seeded And Mulched.

Investigator: jsapp
Entry Date: 03/20/2008

Complaint Code: 50881
Code Desc: Initial Investigation
Event Date: 02/20/2008
Comments: Bryan Heard (Epd) And I Visited The Site And Met With Mr. Freddie Wiggins (Jones County Water) And Mr. Cassidy. We Documented Evidence Of A Sewage Spill From The Holding Tank At The Residence. The Spill Entered A Storm Water Drainage Ditch But Did Not Enter Waters Of The State. The Sewage Issue Was A Result Of Pump Failure At The Residence. Mr. Cassidy Was Aware Of The Issue And Had Ordered A New Pump. After Discussions Between Mr. Cassidy And Mr. Wiggins, It Was Agreed That Jones County Would Bore A Gravity Fed Line From The Area Of The Holding Tank To The Main And Then To The Lift Station. This Would Eliminate The Need For The Pump. The Work Is Scheduled To Begin Tomorrow (2/21/2008). Mr. Cassidy Applied Lime On The Affcted Areas At The Time Of The Investigation And Agreed To Submit A Corrective Action Letter To Epd.

Investigator: jsapp
Entry Date: 02/20/2008

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AB129 **PROPOSED MEDICAL OFFICE- (5551 NEW FORSYTH RD)** **FINDS** **1023660424**
WNW **5551 NEW FORSYTH ROAD** **ECHO** **N/A**
1/2-1 **MACON, GA 00000**
0.886 mi.
4677 ft. **Site 1 of 3 in cluster AB**

Relative: FINDS:
Higher Registry ID: 110070074535

Actual:
367 ft. Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1023660424
 Registry ID: 110070074535
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070074535>
 Name: PROPOSED MEDICAL OFFICE- (5551 NEW FORSYTH RD)
 Address: 5551 NEW FORSYTH ROAD
 City,State,Zip: MACON, GA 00000

AB130 **WEMBLY AT OVERLOOK, LLC** **NPDES** **S127163080**
WNW **5551 NEW FORSYTH ROAD** **ECHO** **N/A**
1/2-1 **MACON, GA**
0.886 mi.
4677 ft. **Site 2 of 3 in cluster AB**

Relative: NPDES:
Higher Name: WEMBLY AT OVERLOOK, LLC
Actual: Address: 5551 NEW FORSYTH ROAD
367 ft. City,State,Zip: MACON, GA
 Notice of Intent Num: GAR134617
 Facility Type Desc: Not reported
 Owner: WEMBLY AT OVERLOOK, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: Superseded
 Extension Date: Not reported
 Termination Date: 08/12/2014
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEMBLY AT OVERLOOK, LLC (Continued)

S127163080

Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	CENTREMARC CONSTRUCTION COMPANY, LLC
Postmarked Date:	4/23/2012
Issue Date:	8/1/2008
Permit Status:	Terminated
Total Acres:	29.2
50 or More Acres Disturbed:	N
Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	NA
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	NA
NOI Specialist:	Jody Sapp
Area Specialist:	Not reported
Engineer:	Elnora Vinson
Action Status:	Superseded
Name:	WEMBLY AT OVERLOOK, LLC
Address:	5551 NEW FORSYTH ROAD
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR134617
Facility Type Desc:	Not reported
Owner:	WEMBLY AT OVERLOOK, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2018
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	08/12/2014
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	08/11/2014
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	CENTREMARC CONSTRUCTION COMPANY, LLC
Postmarked Date:	8/25/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEMBLY AT OVERLOOK, LLC (Continued)

S127163080

Issue Date: 9/23/2013
Permit Status: Terminated
Total Acres: 29.2
50 or More Acres Disturbed: N
Impaired Stream Segments: N
TMDL Implementation Plans: N
Common Development Name: NA
Active or Term: Terminated
Coverage Status: Noncovered
Lot Numbers: NA
NOI Specialist: Jody Sapp
Area Specialist: Not reported
Engineer: Elnora Vinson
Action Status: No Longer In Effect

**AB131
WNW
1/2-1
0.886 mi.
4677 ft.**

**SD INVESTMENT PROPERTIES, LLC
5551 NEW FORSYTH ROAD
MACON, GA**

**NPDES S127162864
N/A**

Site 3 of 3 in cluster AB

**Relative:
Higher**

NPDES:

**Actual:
367 ft.**

Name: SD INVESTMENT PROPERTIES, LLC
Address: 5551 NEW FORSYTH ROAD
City,State,Zip: MACON, GA
Notice of Intent Num: GAR133421
Facility Type Desc: Not reported
Owner: SD Investment Properties, LLC
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2013
Permit Action Status: No Longer In Effect
Extension Date: Not reported
Termination Date: 10/21/2013
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: Not reported
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: NA
Postmarked Date: 2/10/2012
Issue Date: 8/1/2008
Permit Status: Terminated
Total Acres: 8.5
50 or More Acres Disturbed: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SD INVESTMENT PROPERTIES, LLC (Continued)

S127162864

Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	NA
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Jamie Lewis
Action Status:	No Longer In Effect

AA132 CHICKEN SALAD CHICK BASS ROAD
WNW 1676 BASS ROAD
1/2-1 MACON, GA 31210
0.928 mi.
4898 ft. Site 2 of 5 in cluster AA

ECHO 1025918237
N/A

Relative:	ECHO:	
Lower	Envid:	1025918237
	Registry ID:	110070600181
Actual:	DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070600181
361 ft.	Name:	CHICKEN SALAD CHICK BASS ROAD
	Address:	1676 BASS ROAD
	City,State,Zip:	MACON, GA 31210

AA133 CHICKEN SALAD CHICK BASS ROAD
WNW 1676 BASS ROAD
1/2-1 MACON, GA 31210
0.928 mi.
4898 ft. Site 3 of 5 in cluster AA

NPDES S127176617
N/A

Relative:	NPDES:	
Lower	Name:	CHICKEN SALAD CHICK BASS ROAD
	Address:	1676 BASS ROAD
Actual:	City,State,Zip:	MACON, GA 31210
361 ft.	Notice of Intent Num:	GAR1549D5
	Facility Type Desc:	Not reported
	Owner:	Rod Mcleod
	Sic Code:	Not reported
	Effective Date:	Not reported
	Expiration Date:	07/31/2023
	Permit Action Status:	In Effect
	Extension Date:	Not reported
	Termination Date:	Not reported
	Is 303D:	Not reported
	Numeric Effluent Limit:	Not reported
	Samples Appx C:	Not reported
	Is Meeting POC:	Not reported
	ICIS Number:	Not reported
	Application Received Date:	08/21/2019
	Owner First Name:	Not reported
	Owner Last Name:	Not reported
	Owner Title:	Not reported
	Owner Telephone:	Not reported
	Owner Email:	Not reported
	Comments:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHICKEN SALAD CHICK BASS ROAD (Continued)

S127176617

Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: Rod Mcleod
Postmarked Date: 9/4/2019
Issue Date: 8/1/2018
Permit Status: In Effect
Total Acres: 1.3
50 or More Acres Disturbed: N
Impaired Stream Segments: Not reported
TMDL Implementation Plans: Not reported
Common Development Name: Not reported
Active or Term: Active
Coverage Status: Covered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: In Effect

**AA134
WNW
1/2-1
0.928 mi.
4898 ft.**

**CHICKEN SALAD CHICK BASS ROAD
1676 BASS ROAD
MACON, GA 31210**

**FINDS 1025987318
N/A**

Site 4 of 5 in cluster AA

**Relative:
Lower
Actual:
361 ft.**

FINDS:
Registry ID: 110070600181

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**Z135
SW
1/2-1
0.934 mi.
4930 ft.**

**WESLEYAN CROSSING LOT 1, 12, 43/44
1000 BROOKFORD ROAD
MACON, GA 31210**

**FINDS 1025824883
N/A**

Site 6 of 8 in cluster Z

**Relative:
Higher
Actual:
385 ft.**

FINDS:
Registry ID: 110070569994

Click Here:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WESLEYAN CROSSING LOT 1, 12, 43/44 (Continued)

1025824883

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Z136	WESLEYAN CROSSING LOT 1, 12, 43/44	NPDES	S127263033
SW	1000 BROOKFORD ROAD		N/A
1/2-1	MACON, GA 31210		
0.934 mi.	Site 7 of 8 in cluster Z		
4930 ft.			

**Relative:
 Higher
 Actual:
 385 ft.**

NPDES:	
Name:	WESLEYAN CROSSING LOT 1, 12, 43/44
Address:	1000 BROOKFORD ROAD
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR388D9A
Facility Type Desc:	Not reported
Owner:	Overlook at Arkwright, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	07/16/2019
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Residential
Common Development Type:	CPD Tertiary
Related Primary:	Not reported
Operator:	Overlook at Arkwright, LLC
Postmarked Date:	7/30/2019
Issue Date:	8/1/2018
Permit Status:	In Effect
Total Acres:	1.17
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WESLEYAN CROSSING LOT 1, 12, 43/44 (Continued)

S127263033

Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Covered
Lot Numbers:	Lot 1, 12, 43/44
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	In Effect

Z137 **WESLEYAN CROSSING LOT 1, 12, 43/44**
SW **1000 BROOKFORD ROAD**
1/2-1 **MACON, GA 31210**
0.934 mi.
4930 ft. **Site 8 of 8 in cluster Z**

ECHO **1025903877**
N/A

Relative: Higher	ECHO:	
	Envid:	1025903877
Actual: 385 ft.	Registry ID:	110070569994
	DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070569994
	Name:	WESLEYAN CROSSING LOT 1, 12, 43/44
	Address:	1000 BROOKFORD ROAD
	City,State,Zip:	MACON, GA 31210

AA138 **GEM CLEANERS & LAUNDRY**
WNW **1687 BASS RD # 100**
1/2-1 **MACON, GA 31210**
0.939 mi.
4957 ft. **Site 5 of 5 in cluster AA**

DRYCLEANERS **S109505679**
N/A

Relative: Higher	DRYCLN:	
	Name:	GEM CLEANERS & LAUNDRY
Actual: 372 ft.	Address:	1687 BASS RD # 100
	City,State,Zip:	MACON, GA 31210-6546
	Contact Name:	Ti Jung
	Phone Number:	478-476-8000
	Contact Name:	Ti Jung
	MSA code:	4680
	MSA desc:	MACON, GA
	CBSA code:	31420
	CBSA descr:	MACON, GA
	Metro Micro Indicator:	2
	CSA code:	356
	Csa descr:	MACON-WARNER ROBINS-FORT VALLEY, GA
	Census tract:	13402
	Census block group:	1
	Latitude:	32.932161000000001
	Longitude:	-83.726781000000003
	Match level code:	0
	Secondary address:	1687 Bass Rd # 100
	Secondary city:	Macon
	Secondary state:	GA
	Secondary zip10:	31210-6546
	Secondary carrier route code:	R042
	Fax number:	Not reported
	Toll free number:	Not reported
	Web site:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEM CLEANERS & LAUNDRY (Continued)

S109505679

Selected SIC code: 721201
Selected SIC desc: Cleaners
Primary SIC code: 721201
Primary SIC desc: Cleaners
NAICS code: 81232002
NAICS desc: Drycleaning & Laundry Svcs
Location employment size code: A
Location employment size desc: 2008-01-04 00:00:00
Actual location employment size: 2
Modeled employment size: A
Location sales volume code: A
Location sales volume desc: Less Than \$500,000
Actual location sales volume: 120
Corporate sales volume code: Not reported
Corporate sales volume desc: Not reported
Actual corporate sales volume: Not reported
Asset size: S
Name: Mr Ti Jung
Title: Owner
Ethnicity code: German
Infousa id: 378519318
Site Number: 378519318
HQ branch code: 9
HQ branch desc: Single Loc
Public company indicator code: 0
Public filing indicator: N
Individual firm code: 2
Individual firm desc: Firm/Business
Year SIC added: 200512
Year first appeared in yellow pages: 2005
Yellow page code: 18306
Transaction date: 200512
Call status code: C
Call status desc: Complete
Credit score code: C
Credit score desc: 70 to 74
Actual credit score: 72
Ad size code: Regular
Population code: 6
Population desc: 50,000 - 99,000
Square footage code: A
Square footage desc: 0 - 2,499
Radial distance from target element: .
Actnumbus multitenant location: 9-May
Building num multi tenant: 2300211
Number of pcs code: 0 - 1 PCs
Affluent neighborhood location: N
Big business: N
Female owner exec: N
Highincomeexec: N
Hightechbusiness: N
Medium size business entrepreneur: N
Small business entrepreneur: Y
Tertiary address: Not reported
Tertiary city: Not reported
Tertiary state: Not reported
Tertiary zip10: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GEM CLEANERS & LAUNDRY (Continued)

S109505679

White collar percentage: 29
 White collar indicator: 0
 Production date: 12/02/2008
 Obsolescence date: 06/02/2009
 Source: infoUSA
 Bookno: 14840

AC139
West
1/2-1
0.961 mi.
5076 ft.

NORTH MACON PLAZA
1625 BASS ROAD
MACON, GA 31210
Site 1 of 2 in cluster AC

NPDES S127173695
N/A

Relative:
Higher
Actual:
372 ft.

NPDES:
 Name: NORTH MACON PLAZA
 Address: 1625 BASS ROAD
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR153E09
 Facility Type Desc: Not reported
 Owner: Tom Hareas
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2018
 Permit Action Status: Superseded
 Extension Date: Not reported
 Termination Date: 07/29/2020
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 07/09/2018
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: Tom Hareas
 Postmarked Date: 7/23/2018
 Issue Date: 9/24/2013
 Permit Status: Terminated
 Total Acres: 33
 50 or More Acres Disturbed: N
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported
 Active or Term: Terminated
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH MACON PLAZA (Continued)

S127173695

Engineer:	Not reported
Action Status:	Superseded
Name:	NORTH MACON PLAZA
Address:	1625 BASS ROAD
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR153E09
Facility Type Desc:	Not reported
Owner:	Tom Hareas
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	07/29/2020
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	08/01/2018
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Tom Hareas
Postmarked Date:	8/15/2018
Issue Date:	8/1/2018
Permit Status:	Terminated
Total Acres:	33
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Terminated
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOMEN'S HEALTH INSTITUTE OF MACON AND ELO OUTPATIENT SURGERY (Continued)

S127163698

Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: Warren Associates
Postmarked Date: 10/29/2013
Issue Date: 9/23/2013
Permit Status: Expired
Total Acres: 2
50 or More Acres Disturbed: N
Impaired Stream Segments: N
TMDL Implementation Plans: N
Common Development Name: NA
Active or Term: Active
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Jody Sapp
Area Specialist: Not reported
Engineer: Not reported
Action Status: No Longer In Effect

Name: WOMEN'S HEALTH INSTITUTE OF MACON AND ELO OUTPATIENT SURGERY CENTER
Address: 4050 RIVERSIDE DRIVE
City,State,Zip: MACON, GA
Notice of Intent Num: GAR137818
Facility Type Desc: Not reported
Owner: Dr. Emeka Umerah
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2013
Permit Action Status: Superseded
Extension Date: Not reported
Termination Date: Not reported
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: Not reported
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: Warren Associates
Postmarked Date: 10/19/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOMEN'S HEALTH INSTITUTE OF MACON AND ELO OUTPATIENT SURGERY (Continued)

S127163698

Issue Date: 8/1/2008
Permit Status: Expired
Total Acres: 2
50 or More Acres Disturbed: N
Impaired Stream Segments: N
TMDL Implementation Plans: N
Common Development Name: NA
Active or Term: Active
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: Superseded

AD142
SSE
> 1
1.013 mi.
5346 ft.
Relative:
Higher
Actual:
390 ft.

WOMEN'S HEALTH INSTITUTE OF MACON AND ELO OUTPATIE
4050 RIVERSIDE DRIVE
MACON, GA 00000
Site 2 of 3 in cluster AD

FINDS 1023547041
N/A

FINDS:
Registry ID: 110070020650

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AD143
SSE
> 1
1.013 mi.
5346 ft.
Relative:
Higher
Actual:
390 ft.

WOMEN'S HEALTH INSTITUTE OF MACON AND ELO OUTPATIE
4050 RIVERSIDE DRIVE
MACON, GA 00000
Site 3 of 3 in cluster AD

ECHO 1022984283
N/A

ECHO:
Envid: 1022984283
Registry ID: 110070020650
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070020650>
Name: WOMEN'S HEALTH INSTITUTE OF MACON AND ELO OUTPATIENT SURGERY CENTER
Address: 4050 RIVERSIDE DRIVE
City,State,Zip: MACON, GA 00000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

144
SSW
> 1
1.020 mi.
5384 ft.

LUNDY CHAPEL BAPTIST CHURCH
2115 FOREST HILL ROAD
MACON, GA

NPDES S127163331
N/A

Relative:
Higher
Actual:
435 ft.

NPDES:
Name: LUNDY CHAPEL BAPTIST CHURCH
Address: 2115 FOREST HILL ROAD
City,State,Zip: MACON, GA
Notice of Intent Num: GAR136061
Facility Type Desc: Not reported
Owner: Lundy Chapel Baptist Church
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2013
Permit Action Status: No Longer In Effect
Extension Date: Not reported
Termination Date: 06/07/2013
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: Not reported
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: NA
Postmarked Date: 7/26/2012
Issue Date: 8/1/2008
Permit Status: Terminated
Total Acres: 3.4
50 or More Acres Disturbed: N
Impaired Stream Segments: N
TMDL Implementation Plans: N
Common Development Name: NA
Active or Term: Terminated
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: No Longer In Effect

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AE145 **ARKWRIGHT DRY CLEANERS**
SE **3975 ARKWRIGHT RD # 1**
> 1 **MACON, GA 31210**
1.087 mi.
5742 ft. **Site 1 of 3 in cluster AE**

SPILLS **S109505182**
DRYCLEANERS **N/A**

Relative:
Lower

Actual:
338 ft.

SPILLS:
Name: ARKWRIGHT DRY CLEANERS
Address: 3975 ARKWRIGHT ROAD, MACON
City,State,Zip: GA
CTS Number: Not reported
Spill Number: Not reported
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: Not reported
Spill Time: Not reported
Incident Type: Not reported
Material Involved: Not reported
Quantity: Not reported
Phase: Not reported
Radioactive: Not reported
Material 2: Not reported
Quantity 2: Not reported
Phase 2: Not reported
Radioactive 2: Not reported
Waterway Impctd: Not reported
Evacuation: Not reported
Caller: ANONYMOUS
Organization: Not reported
Org Phone: Not reported
Primary Concern: Air Quality Control
Associate Name: Not reported
Investigation Date: Not reported
Resolved: Not reported
Closure Date: 02/14/2006
Ten Days Follow Up: Not reported
Transferred Record: Not reported
Fire: Not reported
Police: Not reported
Sheriff: Not reported
GSP: Not reported
Medical: Not reported
EPA: Not reported
USCG: Not reported
EMA: Not reported
DRN: Not reported
DOT: Not reported
Responsible Prty: Not reported
RP Contact: Not reported
RP Address: Not reported
RP Phone: Not reported
RP City: Not reported
Action Code: Not reported
Action: Not reported
Investigator: Not reported
EOC Operator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKWRIGHT DRY CLEANERS (Continued)

S109505182

Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	33186
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	06/20/2005
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	3975 ARKWRIGHT ROAD, MACON
Comments 4:	Not reported
Source:	ARKWRIGHT DRY CLEANERS
Comments 5:	Not reported
Details:	CALLER WORKS AT ARKWRIGHT DRY CLEANERS: STRONG FUMES (FROM PERCHLOROETHYLENE) CAUSING HEADACHES
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	3975 ARKWRIGHT ROAD
Source Address 2:	Not reported
Source City:	MACON
Source State:	Georgia
Source Zip:	Not reported
Direction:	I-75 SOUTH TO MACON, TO ARKWRIGHT ROAD
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	MACON
Caller State:	Georgia
Caller Zip:	Not reported
Comp City:	MACON
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	06/20/2005
Assign Date:	06/20/2005
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	FRED MALOY
Active:	Not reported
Facility ID:	Not reported
Approved Date:	Not reported
Facility Status:	Not reported
Spill Action:	
Complaint Code:	33186
Code Desc:	Initial Investigation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKWRIGHT DRY CLEANERS (Continued)

S109505182

Event Date: 06/20/2005
Comments: Nature: Complainant Stated That Mr. Maloy Allegedly Dumps The Liquid Material At The Rear Of Another Plant Located At 1948 Hardeman Avenue, Macon. Called And Spoke To Karen Hays (Epd, Aqc, Atlanta) Who Stated That The Complaint Will Be Investigated By Art Stelson. Complaint Forwarded. Close.

Investigator: cbristol
Entry Date: 06/20/2005

DRYCLN:

Name: ARKWRIGHT DRY CLEANERS
Address: 3975 ARKWRIGHT RD # 1
City,State,Zip: MACON, GA 31210-1756
Contact Name: Fred Maloy
Phone Number: 478-757-9308
Contact Name: Fred Maloy
MSA code: 4680
MSA desc: MACON, GA
CBSA code: 31420
CBSA descr: MACON, GA
Metro Micro Indicator: 2
CSA code: 356
Csa descr: MACON-WARNER ROBINS-FORT VALLEY, GA
Census tract: 13402
Census block group: 1
Latitude: 32.910124000000003
Longitude: -83.689057000000005
Match level code: 0
Secondary address: 3975 Arkwright Rd # 1
Secondary city: Macon
Secondary state: GA
Secondary zip10: 31210-1756
Secondary carrier route code: R032
Fax number: Not reported
Toll free number: Not reported
Web site: Not reported
Selected SIC code: 721201
Selected SIC desc: Cleaners
Primary SIC code: 721201
Primary SIC desc: Cleaners
NAICS code: 81232002
NAICS desc: Drycleaning & Laundry Svcs
Location employment size code: A
Location employment size desc: 2008-01-04 00:00:00
Actual location employment size: 2
Modeled employment size: A
Location sales volume code: A
Location sales volume desc: Less Than \$500,000
Actual location sales volume: 120
Corporate sales volume code: Not reported
Corporate sales volume desc: Not reported
Actual corporate sales volume: Not reported
Asset size: S
Name: Mr Fred Maloy
Title: Owner

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ARKWRIGHT DRY CLEANERS (Continued)

S109505182

Ethnicity code: French
 Infousa id: 544399660
 Site Number: 544399660
 HQ branch code: 9
 HQ branch desc: Single Loc
 Public company indicator code: 0
 Public filing indicator: N
 Individual firm code: 2
 Individual firm desc: Firm/Business
 Year SIC added: 200010
 Year first appeared in yellow pages: 2000
 Yellow page code: 18306
 Transaction date: 200010
 Call status code: C
 Call status desc: Complete
 Credit score code: B
 Credit score desc: 80 to 84
 Actual credit score: 84
 Ad size code: Regular
 Population code: 6
 Population desc: 50,000 - 99,000
 Square footage code: A
 Square footage desc: 0 - 2,499
 Radial distance from target element: .
 Actnumbus multitenant location: 9-May
 Building num multi tenant: 227615
 Number of pcs code: 0 - 1 PCs
 Affluent neighborhood location: N
 Big business: N
 Female owner exec: N
 Highincomeexec: N
 Hightechbusiness: N
 Medium size business entrepreneur: N
 Small business entrepreneur: Y
 Tertiary address: Not reported
 Tertiary city: Not reported
 Tertiary state: Not reported
 Tertiary zip10: Not reported
 White collar percentage: 29
 White collar indicator: 0
 Production date: 12/02/2008
 Obsolescence date: 06/02/2009
 Source: infoUSA
 Bookno: 14840

AF146
South
> 1
1.118 mi.
5901 ft.

NEW CAMPUS FOR MONTESSORI OF MACON
855 TOLLIVER PLACE N/A
MACON, GA
Site 1 of 2 in cluster AF

NPDES S127158724
N/A

Relative:
Higher
Actual:
397 ft.

NPDES:
 Name: NEW CAMPUS FOR MONTESSORI OF MACON
 Address: 855 TOLLIVER PLACE N/A
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR115768
 Facility Type Desc: Not reported
 Owner: Montessori of Macon

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NEW CAMPUS FOR MONTESSORI OF MACON (Continued)

S127158724

Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: 10/30/2013
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: N/A
 Postmarked Date: 2/26/2009
 Issue Date: 8/1/2008
 Permit Status: Terminated
 Total Acres: 4.1
 50 or More Acres Disturbed: N
 Impaired Stream Segments: N
 TMDL Implementation Plans: N
 Common Development Name: Not reported
 Active or Term: Terminated
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

AF147
South
> 1
1.118 mi.
5901 ft.

A NEW BUILDING FOR MONTESSORI OF MACON
855 TOLLIVER PLACE
MACON, GA

NPDES S127164868
N/A

Site 2 of 2 in cluster AF

Relative:
Higher
Actual:
397 ft.

NPDES:
 Name: A NEW BUILDING FOR MONTESSORI OF MACON
 Address: 855 TOLLIVER PLACE
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR144286
 Facility Type Desc: Not reported
 Owner: Whole Child- Whole World, Inc./d/b/a Montessori of Macon
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: Superseded

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A NEW BUILDING FOR MONTESSORI OF MACON (Continued)

S127164868

Extension Date:	Not reported
Termination Date:	07/21/2014
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	Not reported
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	NA
Postmarked Date:	8/13/2013
Issue Date:	8/1/2008
Permit Status:	Terminated
Total Acres:	2.4
50 or More Acres Disturbed:	N
Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	NA
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	Superseded
Name:	A NEW BUILDING FOR MONTESSORI OF MACON
Address:	855 TOLLIVER PLACE
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR144286
Facility Type Desc:	Not reported
Owner:	Whole Child- Whole World, Inc./d/b/a Montessori of Macon
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2018
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	07/21/2014
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	12/05/2013
Owner First Name:	Not reported
Owner Last Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A NEW BUILDING FOR MONTESSORI OF MACON (Continued)

S127164868

Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: NA
Postmarked Date: 12/17/2013
Issue Date: 9/23/2013
Permit Status: Terminated
Total Acres: 2.4
50 or More Acres Disturbed: N
Impaired Stream Segments: N
TMDL Implementation Plans: N
Common Development Name: NA
Active or Term: Terminated
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Jody Sapp
Area Specialist: Not reported
Engineer: Elnora Vinson
Action Status: No Longer In Effect

AG148
WNW
> 1
1.119 mi.
5908 ft.
Relative:
Higher
Actual:
378 ft.

THE ACADEMY OF CLASSICAL EDUCATION
5665 NEW FORSYTH ROAD
MACON, GA 31210

Site 1 of 2 in cluster AG

FINDS 1023396032
N/A

FINDS:
Registry ID: 110067242102

Click Here:

Environmental Interest/Information System:

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AE150
SE
 > 1
 1.121 mi.
 5917 ft.
Relative:
Lower
Actual:
343 ft.

MACON BEVERAGE OUTLET
3965 ARKWRIGHT ROAD
MACON, GA 31088

Site 2 of 3 in cluster AE

FINDS 1022985068
ECHO N/A

FINDS:
 Registry ID: 110070021435

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1022985068
 Registry ID: 110070021435
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070021435>
 Name: MACON BEVERAGE OUTLET
 Address: 3965 ARKWRIGHT ROAD
 City,State,Zip: MACON, GA 31088

AE151
SE
 > 1
 1.121 mi.
 5917 ft.
Relative:
Lower
Actual:
343 ft.

MACON BEVERAGE OUTLET
3965 ARKWRIGHT ROAD
MACON, GA 31088

Site 3 of 3 in cluster AE

NPDES S127169749
N/A

NPDES:
 Name: MACON BEVERAGE OUTLET
 Address: 3965 ARKWRIGHT ROAD
 City,State,Zip: MACON, GA 31088
 Notice of Intent Num: GAR151225
 Facility Type Desc: Not reported
 Owner: Arkwright Beverage, Inc.
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2018
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 05/02/2016
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACON BEVERAGE OUTLET (Continued)

S127169749

Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: Not reported
Postmarked Date: 5/11/2016
Issue Date: 9/23/2013
Permit Status: Expired
Total Acres: 1
50 or More Acres Disturbed: N
Impaired Stream Segments: N
TMDL Implementation Plans: N
Common Development Name: NA
Active or Term: Active
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Jody Sapp
Area Specialist: Not reported
Engineer: Elnora Vinson
Action Status: No Longer In Effect

AH152
WSW
> 1
1.150 mi.
6070 ft.
Relative:
Higher
Actual:
426 ft.

BOWMAN STATION APARTMENT COMMUNITY
5235 BOWMAN ROAD
MACON, GA 31210

FINDS 1023660145
ECHO N/A

Site 1 of 5 in cluster AH

FINDS:
Registry ID: 110070074256

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1023660145
Registry ID: 110070074256
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070074256>
Name: BOWMAN STATION APARTMENT COMMUNITY
Address: 5235 BOWMAN ROAD
City,State,Zip: MACON, GA 31210

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

AH153
WSW
> 1
1.162 mi.
6134 ft.

BOWMAN VILLAGE
5300 BOWMAN ROAD
MACON, GA 31210

NPDES **S127170698**
N/A

Site 2 of 5 in cluster AH

Relative:
Higher
Actual:
420 ft.

NPDES:

Name:	BOWMAN VILLAGE
Address:	5300 BOWMAN ROAD
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR152179
Facility Type Desc:	Not reported
Owner:	Virgin Lane Properties, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2018
Permit Action Status:	Superseded
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	11/02/2016
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Virgin Lane Properties, LLC
Postmarked Date:	11/16/2016
Issue Date:	9/23/2013
Permit Status:	In Effect
Total Acres:	11.5
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	NA
Active or Term:	Active
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Jody Sapp
Area Specialist:	Not reported
Engineer:	Elnora Vinson
Action Status:	Superseded

Name:	BOWMAN VILLAGE
Address:	5300 BOWMAN ROAD
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR152179
Facility Type Desc:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOWMAN VILLAGE (Continued)

S127170698

Owner: Virgin Lane Properties
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2023
Permit Action Status: In Effect
Extension Date: Not reported
Termination Date: Not reported
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: 08/01/2018
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: Virgin Lane Properties
Postmarked Date: 8/15/2018
Issue Date: 8/1/2018
Permit Status: In Effect
Total Acres: 11.5
50 or More Acres Disturbed: N
Impaired Stream Segments: Not reported
TMDL Implementation Plans: Not reported
Common Development Name: NA
Active or Term: Active
Coverage Status: Covered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: In Effect

AH154
WSW
> 1
1.162 mi.
6134 ft.
Relative:
Higher
Actual:
420 ft.

BOWMAN VILLAGE
5300 BOWMAN ROAD
MACON, GA 31210
Site 3 of 5 in cluster AH

FINDS 1022979287
ECHO N/A

FINDS:
Registry ID: 110070015642

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOWMAN VILLAGE (Continued)

1022979287

States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1022979287
 Registry ID: 110070015642
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070015642>
 Name: BOWMAN VILLAGE
 Address: 5300 BOWMAN ROAD
 City,State,Zip: MACON, GA 31210

**AH155
 WSW
 > 1
 1.162 mi.
 6134 ft.**

**BOWMAN ROAD DEVELOPMENT
 5300 BOWMAN ROAD
 MACON, GA**

**NPDES S127189182
 N/A**

Site 4 of 5 in cluster AH

**Relative:
 Higher
 Actual:
 420 ft.**

NPDES:
 Name: BOWMAN ROAD DEVELOPMENT
 Address: 5300 BOWMAN ROAD
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR305954
 Facility Type Desc: Not reported
 Owner: BOWMAN ROAD LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: CPD Primary
 Related Primary: Not reported
 Operator: ANDREWS EXCAVATION
 Postmarked Date: 7/13/2007
 Issue Date: 8/1/2008
 Permit Status: Expired
 Total Acres: 19.45

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOWMAN ROAD DEVELOPMENT (Continued)

S127189182

50 or More Acres Disturbed: N/A
 Impaired Stream Segments: N/A
 TMDL Implementation Plans: N/A
 Common Development Name: BOWMAN ROAD DEVELOPMENT
 Active or Term: Active
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

**AH156
 WSW
 > 1
 1.162 mi.
 6134 ft.**

**BOWMAN ROAD DEVELOPMENT
 5300 BOWMAN ROAD
 MACON, GA**

**NPDES S127189284
 N/A**

Site 5 of 5 in cluster AH

**Relative:
 Higher**

NPDES:

**Actual:
 420 ft.**

Name: BOWMAN ROAD DEVELOPMENT
 Address: 5300 BOWMAN ROAD
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR306372
 Facility Type Desc: Not reported
 Owner: JAMES ANDREWS
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: CPD Secondary
 Related Primary: GAR305954
 Operator: ANDREWS EXECAVATION
 Postmarked Date: 7/31/2007
 Issue Date: 8/1/2008
 Permit Status: Expired
 Total Acres: 19.45
 50 or More Acres Disturbed: Not reported
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOWMAN ROAD DEVELOPMENT (Continued)

S127189284

Active or Term: Active
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: No Longer In Effect

**AI157
SE
> 1
1.213 mi.
6404 ft.**

**ARKWRIGHT RD SUNOCO
3910 ARKWRIGHT RD
MACON, GA
Site 1 of 6 in cluster AI**

**UST U004298354
Financial Assurance N/A**

**Relative:
Lower
Actual:
359 ft.**

UST:
Name: ARKWRIGHT RD SUNOCO
Address: 3910 ARKWRIGHT RD
City,State,Zip: MACON, GA
Contact:
LEMIR ID: 333919
Facility ID: 10002831
Facility Status: Active
Location Status: Active
Contact First Name: MANILAL
Contact Last Name: PATEL
Contact Email: patelmanilal1967@yahoo.com
Company Name: Not reported
Mailing Address: 4961 ROMIESER RD
Mailing City: MACON
Mailing State: GA
Mailing Zip: 31206
Start Date: 2018-12-11 14:34:49
End Date: Not reported
Contact Telephone: 478 3192155

Tank Info:

Tankid: 1
Name: ARKWRIGHT RD SUNOCO
Address: 3910 ARKWRIGHT RD
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass Double Walled
Pipe Type: Pressurized
Overfill Type: Overfill Alarm
Install Date: 01/19/2018
Facility ID: 10002831
Status Date: Not reported
Product: Regular
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 07/26/2018
Tank Exempt From Spill: 0
Date Spill Device Installed: 01/19/2018

Tankid: 2A
Name: ARKWRIGHT RD SUNOCO
Address: 3910 ARKWRIGHT RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKWRIGHT RD SUNOCO (Continued)

U004298354

Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass Double Walled
Pipe Type: Pressurized
Overfill Type: Overfill Alarm
Install Date: 01/19/2018
Facility ID: 10002831
Status Date: Not reported
Product: Premium
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 07/26/2018
Tank Exempt From Spill: 0
Date Spill Device Installed: 01/19/2018

Tankid: 2B
Name: ARKWRIGHT RD SUNOCO
Address: 3910 ARKWRIGHT RD
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass Double Walled
Pipe Type: Pressurized
Overfill Type: Overfill Alarm
Install Date: 01/19/2018
Facility ID: 10002831
Status Date: Not reported
Product: Diesel
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 07/26/2018
Tank Exempt From Spill: 0
Date Spill Device Installed: 01/19/2018

GA Financial Assurance 1:

Name: ARKWRIGHT RD SUNOCO
Address: 3910 ARKWRIGHT RD
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 10002831
Financial Responsibility: G.U.S.T. Trust Fund
Location Start Date: 09/18/2018
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

AJ158
West
> 1
1.215 mi.
6416 ft.

GEORGIA FARM BUREAU FEDERATION
1620 BASS RD
MACON, GA
Site 1 of 2 in cluster AJ

UST U003551284
Financial Assurance N/A

Relative:
Higher
Actual:
389 ft.

UST:
Name: GEORGIA FARM BUREAU FEDERATION
Address: 1620 BASS RD
City,State,Zip: MACON, GA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA FARM BUREAU FEDERATION (Continued)

U003551284

Contact:

LEMIR ID: 152012
Facility ID: 9011116
Facility Status: Active
Location Status: Active
Contact First Name: Carey
Contact Last Name: Cleveland Sr
Contact Email: SCCLEVELAND@GFB.ORG
Company Name: GEORGIA FARM BUREAU FEDERATION
Mailing Address: P.O. BOX 7068
Mailing City: MACON
Mailing State: GA
Mailing Zip: 31209
Start Date: Not reported
End Date: Not reported
Contact Telephone: 478 4748411

Tank Info:

Tankid: #1
Name: GEORGIA FARM BUREAU FEDERATION
Address: 1620 BASS RD
Tank Status: Currently in Use
City: MACON
Tank Material: Galvanic (STIP-3)
Pipe Type: Suction (American)
Overfill Type: Flapper Valve
Install Date: 07/01/1988
Facility ID: 9011116
Status Date: Not reported
Product: Diesel Off Road
Pipe Material: Not reported
Overfill Protection: 0
Overfill Installed: 02/27/1996
Tank Exempt From Spill: 0
Date Spill Device Installed: 02/27/1996

GA Financial Assurance 1:

Name: GEORGIA FARM BUREAU FEDERATION
Address: 1620 BASS RD
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 9011116
Financial Responsibility: G.U.S.T. Trust Fund
Location Start Date: 04/28/1995
Location End Date: Not reported
Location Status: Active
Location Type: Industrial
Facility Status: ACTIVE

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Elevation	Site	Database(s)	EPA ID Number

AJ159 West > 1 1.215 mi. 6416 ft.	GEORGIA FARM BUREAU FEDERATION 1620 BASS RD MACON, GA 31210 Site 2 of 2 in cluster AJ	FINDS	1006794195 N/A
--	---	--------------	-------------------

Relative: FINDS:
Higher Registry ID: 110013636501

Actual:
389 ft. Click Here:

Environmental Interest/Information System:
 GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

160 WNW > 1 1.231 mi. 6499 ft.	PRESTON PARK 101 PRESTON COURT MACON, GA	NPDES	S127155330 N/A
--	---	--------------	-------------------

Relative: Lower	NPDES: Name: PRESTON PARK Address: 101 PRESTON COURT City,State,Zip: MACON, GA Notice of Intent Num: GAR103895 Facility Type Desc: Not reported Owner: WCDM DEVELOPMENT COMPANY Sic Code: Not reported Effective Date: Not reported Expiration Date: 07/31/2013 Permit Action Status: No Longer In Effect Extension Date: Not reported Termination Date: Not reported Is 303D: Not reported Numeric Effluent Limit: Not reported Samples Appx C: Not reported Is Meeting POC: Not reported ICIS Number: Not reported Application Received Date: Not reported Owner First Name: Not reported Owner Last Name: Not reported Owner Title: Not reported Owner Telephone: Not reported Owner Email: Not reported Comments: Not reported Latitude: Not reported Longitude: Not reported District: West Central District - Macon Construction Activity: Commercial Common Development Type: Not reported Related Primary: Not reported Operator: WCDM DEVELOPMENT COMPANY Postmarked Date: 4/13/2007 Issue Date: 8/1/2008 Permit Status: Expired
----------------------------------	---

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PRESTON PARK (Continued)

S127155330

Total Acres:	3.3
50 or More Acres Disturbed:	Not reported
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

AK161
SSW
 > 1
 1.238 mi.
 6535 ft.

WHISPERING WOODS APARTMENT COMPLEX
WHISPERING WOODS APT. COMPLEX - 4411 NORTHSIDE DRIVE, MACON
BIBB (County), GA

SPILLS S120021720
N/A

Site 1 of 2 in cluster AK

Relative:
Higher
Actual:
375 ft.

SPILLS:

Name:	WHISPERING WOODS APARTMENT COMPLEX
Address:	WHISPERING WOODS APT. COMPLEX - 4411 NORTHSIDE DRIVE, MACON GA
City,State,Zip:	GA
CTS Number:	Not reported
Spill Number:	Not reported
UN Number:	Not reported
UN Number2:	Not reported
Report Number:	Not reported
Report Date:	Not reported
Report Time:	Not reported
Spill Date:	Not reported
Spill Time:	Not reported
Incident Type:	Not reported
Material Involved:	Not reported
Quantity:	Not reported
Phase:	Not reported
Radioactive:	Not reported
Material 2:	Not reported
Quantity 2:	Not reported
Phase 2:	Not reported
Radioactive 2:	Not reported
Waterway Impctd:	Not reported
Evacuation:	Not reported
Caller:	Gregory Smith
Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	Water Quality Control
Associate Name:	Not reported
Investigation Date:	Not reported
Resolved:	Not reported
Closure Date:	03/28/2012
Ten Days Follow Up:	Not reported
Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WHISPERING WOODS APARTMENT COMPLEX (Continued)

S120021720

EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	67484
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	02/10/2012
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Whispering Woods Apt. Complex - 4411 Northside Drive, Macon Ga
Comments 4:	Not reported
Source:	Whispering Woods Apartment Complex
Comments 5:	Not reported
Details:	Mr. Smith came to the office and explained that various activities going on have led to a creek being contaminated (runs thru the property and leads to the Ocmulgee).- A trash can next to a drainage ditch that has been dug drains to the creek, people have dumped refrigerators, tires, etc; residents dumping oil, freon.- Piping has been installed directly from the pool to the creek (and concrete laid as well) to provide drainage.- There are Brown Darts (fish) living in the creek and he seems to think they are endangered.-
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Comprehensive Solid Waste
Primary Concern 2 Description:	Not reported
Source Address 1:	4411 Northside Drive
Source Address 2:	Not reported
Source City:	Macon
Source State:	Georgia
Source Zip:	31210
Direction:	Use address
Caller Address 1:	Not reported
Caller Address 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHISPERING WOODS APARTMENT COMPLEX (Continued)

S120021720

Caller City: Macon
Caller State: Georgia
Caller Zip: Not reported
Comp City: Macon
Branch: Not reported
BDesc: Not reported
Program: Not reported
Prog Desc: Not reported
Accept Date: 02/10/2012
Assign Date: 02/14/2012
FUI Need: Not reported
Refer 2: Not reported
Contact: Ms. Katie Walden
Active: Not reported
Facility ID: NA
Approved Date: Not reported
Facility Status: Not reported

Spill Action:

Complaint Code: 67484
Code Desc: Other
Event Date: 02/20/2012
Comments: EPD received an email from Mr. Mark Wyzalek (MWA).- The email provided information to Ms. Walden about connecting to the MWA sewer system and other disposal options.

Investigator: jsapp
Entry Date: 02/21/2012

Complaint Code: 67484
Code Desc: Other
Event Date: 03/15/2012
Comments: EPD received a letter from Mr. Chris Dukes (Whispering Woods) stating that the solid waste adjacent to the swimming pool fence was removed and placed in the apartment's garbage container. The swimming pool filter backwash /drain line was rerouted away from the creek.-

Investigator: jsapp
Entry Date: 03/27/2012

Complaint Code: 67484
Code Desc: Follow-Up Investigation
Event Date: 03/22/2012
Comments: I visited the apartment complex and met with Mr. Day.- He showed me that the solid waste had been removed and that the swimming pool filter backwash/drain line was re-routed away from the creek.- I recommended that the swimming pool filter backwash/drain line not be completely buried to prevent clogging of the discharge line.-

Investigator: jsapp
Entry Date: 03/27/2012

Complaint Code: 67484
Code Desc: Other
Event Date: 03/27/2012
Comments: I called and spoke with Mr. Adam Cochran (Advance Disposal) to verify that the trash trucks were not leaking during compaction. I called the complainant and informed him of the corrective actions taken by

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHISPERING WOODS APARTMENT COMPLEX (Continued)

S120021720

apartment complex personnel to address the complaint.- I also informed him that based upon the corrective actions taken by the facility, EPD would be closing the complaint. A letter will be sent to the facility closing the complaint. NFA

Investigator: jsapp
Entry Date: 03/27/2012

Complaint Code: 67484
Code Desc: Initial Investigation
Event Date: 02/14/2012
Comments:

I visited the facility and met with the complainant. He escorted me to an area where two dumpsters were located.- The complainant alleges that the trash cans are leaking and entering the creek.- I did not document evidence of leaking trash cans during the investigation.- The complainant clarified and stated that the trash truck is leaking during the compaction of the trash.- The complainant then escorted me to the creek located behind the apartment complex's swimming pool. I documented evidence of a discharge pipe that had been routed from the swimming pool routed to the creek.- There was no discharge from the pipe at the time of the investigation.- I also documented evidence of a small amount of various solid waste (cans and paper products) near the fence line in the pool area.- The complainant showed me an area of the creek where he installed an earthen dam and piped the creek.- He stated he was working with the Bibb County Engineering Office on the E&S issue.- After meeting with the complainant, I met with Ms. Katie Walden (Manager of the Apartment Complex) and informed her about the complaint. I informed her of the swimming pool discharge line and the solid waste.- A letter will be sent to the apartment complex requesting corrective action.- I also walked the edge of the woods and did not observe a solid waste dump, but did observe several pieces litter.

Investigator: jsapp
Entry Date: 02/15/2012

Complaint Code: 67484
Code Desc: Other
Event Date: 02/15/2012
Comments:

I called and informed Mr. Keith Braswell (Bibb County Engineering Office - LIA) about the potential E&S issue.- Mr. Braswell stated he was aware of the issue and will be working with the complainant to address the matter.- He stated he had a meeting with the complainant on 2/15/12 at 11:00 AM.- I called and spoke with Mr. Adam Cochran (Advance Disposal) and informed him about the complaint's concern about the leaking trash collection vehicle. He stated he would look into the issue and verify if the seal on the trash truck is leaking. I called the complainant and informed him of EPD's actions taken to address the issues in the complaint.-

Investigator: jsapp
Entry Date: 02/15/2012

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

AL162
SE
> 1
1.244 mi.
6569 ft.

COUNTRY INN SUITES
3915 ARKWRIGHT ROAD
MACON, GA

NPDES **S127188385**
N/A

Site 1 of 2 in cluster AL

Relative:
Higher

Actual:
372 ft.

NPDES:
 Name: COUNTRY INN SUITES
 Address: 3915 ARKWRIGHT ROAD
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR303003
 Facility Type Desc: Not reported
 Owner: TRIANGLE HOSPITALITY, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2018
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: 12/16/2013
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 12/06/2013
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Linear
 Common Development Type: CPD Primary
 Related Primary: Not reported
 Operator: DANNY PATEL
 Postmarked Date: 12/20/2013
 Issue Date: 9/23/2013
 Permit Status: Terminated
 Total Acres: 1.71
 50 or More Acres Disturbed: N/A
 Impaired Stream Segments: N/A
 TMDL Implementation Plans: N/A
 Common Development Name: N/A
 Active or Term: Terminated
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Jody Sapp
 Area Specialist: Not reported
 Engineer: Kathy McCoy
 Action Status: No Longer In Effect

Name: COUNTRY INN SUITES
 Address: 3915 ARKWRIGHT ROAD
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR303003
 Facility Type Desc: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COUNTRY INN SUITES (Continued)

S127188385

Owner:	TRIANGLE HOSPITALITY, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2013
Permit Action Status:	Superseded
Extension Date:	Not reported
Termination Date:	12/16/2013
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	Not reported
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	CPD Primary
Related Primary:	Not reported
Operator:	DANNY PATEL
Postmarked Date:	3/20/2007
Issue Date:	8/1/2008
Permit Status:	Terminated
Total Acres:	1.71
50 or More Acres Disturbed:	N/A
Impaired Stream Segments:	N/A
TMDL Implementation Plans:	N/A
Common Development Name:	N/A
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	Superseded

163
 ESE
 > 1
 1.255 mi.
 6626 ft.

**137 OLD RIDGE RD.
 MACON, GA**

**SPILLS S108896189
 N/A**

**Relative:
 Higher
 Actual:
 504 ft.**

SPILLS:	
Name:	Not reported
Address:	137 OLD RIDGE RD.
City,State,Zip:	MACON, GA
CTS Number:	48962
Spill Number:	Not reported
UN Number:	Not reported
UN Number2:	Not reported
Report Number:	Not reported
Report Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S108896189

Report Time:	Not reported
Spill Date:	Not reported
Spill Time:	Not reported
Incident Type:	Not reported
Material Involved:	Not reported
Quantity:	Not reported
Phase:	Not reported
Radioactive:	Not reported
Material 2:	Not reported
Quantity 2:	Not reported
Phase 2:	Not reported
Radioactive 2:	Not reported
Waterway Impctd:	Not reported
Evacuation:	Not reported
Caller:	Not reported
Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	Not reported
Associate Name:	Not reported
Investigation Date:	Not reported
Resolved:	Not reported
Closure Date:	Not reported
Ten Days Follow Up:	Not reported
Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	JONES COUNTY WATER
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	10/07/2007
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SPECTRUM #95 (Continued)

1006794374

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AI165
 SE
 > 1
 1.262 mi.
 6661 ft.

CIRCLE K #6729
3903 ARKWRIGHT ROAD
MACON, GA 31210
 Site 3 of 6 in cluster AI

AST A100328005
 N/A

Relative:
 Higher
 Actual:
 393 ft.

AST:
 Name: CIRCLE K #6729
 Address: 3903 ARKWRIGHT ROAD
 City,State,Zip: MACON, GA 31210
 Owner Name: Amerigas
 Owner Address: P O Box 22
 Owner City/State/Zip: Warner Robins GA 31094
 Number Of Tanks: 16
 Tank Capacity: 0
 File No: Not reported

AI166
 SE
 > 1
 1.262 mi.
 6661 ft.

SPECTRUM #95
3903 ARKWRIGHT RD
MACON, GA
 Site 4 of 6 in cluster AI

RGA LUST S115549691
 N/A

Relative:
 Higher
 Actual:
 393 ft.

RGA LUST:
 2005 SPECTRUM #95 3903 ARKWRIGHT RD
 2004 SPECTRUM #95 3903 ARKWRIGHT RD
 2003 SPECTRUM #95 3903 ARKWRIGHT RD
 2002 SPECTRUM #95 3903 ARKWRIGHT RD
 2001 SPECTRUM #95 3903 ARKWRIGHT RD

AI167
 SE
 > 1
 1.262 mi.
 6661 ft.

CIRCLE K 6729
3903 ARKWRIGHT RD
MACON, GA
 Site 5 of 6 in cluster AI

LUST U001629066
 UST N/A
 Financial Assurance

Relative:
 Higher
 Actual:
 393 ft.

LUST:
 Name: CIRCLE K 6729
 Address: 3903 ARKWRIGHT RD
 City,State,Zip: MACON, GA 31210
 Facility ID: 09011071
 Leak ID: Not reported
 Description: Not reported
 Cleanup Status: NFA - No Further Action
 Date Received: 12/04/2000
 Project Officer: Stephen Burris
 Project Name: UST - 1 - CIRCLE K 6729
 Site Code Description: Potential GUST trust fund reimbursement site
 No Further Action Date: 07/25/2001

UST:
 Name: CIRCLE K 6729

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 6729 (Continued)

U001629066

Address: 3903 ARKWRIGHT RD
City,State,Zip: MACON, GA

Contact:
LEMIR ID: 151977
Facility ID: 9011071
Facility Status: Active
Location Status: Active
Contact First Name: Jessica
Contact Last Name: Barnwell
Contact Email: jbarnwel@circlek.com
Company Name: Circle K Stores Inc
Mailing Address: 1100 Situs Court
Mailing City: Raleigh
Mailing State: NC
Mailing Zip: 27606
Start Date: 2018-09-21 09:55:17
End Date: Not reported
Contact Telephone: 919 7746700

LEMIR ID: 151977
Facility ID: 9011071
Facility Status: Active
Location Status: Active
Contact First Name: Pamela
Contact Last Name: Spencer
Contact Email: pspence@circlek.com
Company Name: Circle K Stores Inc.
Mailing Address: 2550 W. Tyvola Rd. #200
Mailing City: charlotte
Mailing State: NC
Mailing Zip: 28217
Start Date: Not reported
End Date: Not reported
Contact Telephone: 704 5835728

LEMIR ID: 151977
Facility ID: 9011071
Facility Status: Active
Location Status: Active
Contact First Name: Ramon
Contact Last Name: Inciong
Contact Email: rinciong@circlek.com
Company Name: Circle k Inc
Mailing Address: 1100 Situs Court,
Mailing City: Raleigh
Mailing State: NC
Mailing Zip: 27606
Start Date: 2018-12-19 12:22:46
End Date: Not reported
Contact Telephone: 386 9166267

Tank Info:
Tankid: 1
Name: CIRCLE K 6729
Address: 3903 ARKWRIGHT RD
Tank Status: Currently in Use

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 6729 (Continued)

U001629066

City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 08/17/1993
Facility ID: 9011071
Status Date: Not reported
Product: Regular
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 08/17/1993
Tank Exempt From Spill: 0
Date Spill Device Installed: 08/17/1993

Tankid: 2
Name: CIRCLE K 6729
Address: 3903 ARKWRIGHT RD
Tank Status: Currently in Use
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 08/17/1993
Facility ID: 9011071
Status Date: Not reported
Product: Premium
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 08/17/1993
Tank Exempt From Spill: 0
Date Spill Device Installed: 08/17/1993

Tankid: 3
Name: CIRCLE K 6729
Address: 3903 ARKWRIGHT RD
Tank Status: Currently in Use
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 08/17/1993
Facility ID: 9011071
Status Date: Not reported
Product: Diesel
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 08/17/1993
Tank Exempt From Spill: 0
Date Spill Device Installed: 08/17/1993

GA Financial Assurance 1:

Name: CIRCLE K 6729
Address: 3903 ARKWRIGHT RD
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 9011071

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 6729 (Continued)

U001629066

Financial Responsibility: Guarantee
Location Start Date: 06/19/2006
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

AI168
SE
> 1
1.262 mi.
6661 ft.

CIRCLE K 6729
3903 ARKWRIGHT RD
MACON, GA

RGA LUST **S115533542**
N/A

Site 6 of 6 in cluster AI

Relative:
Higher

RGA LUST:

Actual:
393 ft.

2012	CIRCLE K 6729	3903 ARKWRIGHT RD
2011	CIRCLE K 6729	3903 ARKWRIGHT RD
2010	CIRCLE K 6729	3903 ARKWRIGHT RD
2009	CIRCLE K 6729	3903 ARKWRIGHT RD
2008	CIRCLE K 6729	3903 ARKWRIGHT RD
2007	CIRCLE K 6729	3903 ARKWRIGHT RD
2006	CIRCLE K 6729	3903 ARKWRIGHT RD

169
WNW
> 1
1.298 mi.
6853 ft.

TRIANGLE CHEMICAL COMPANY
117 PRESTON COURT
MACON, GA 31210

FINDS **1023636041**
N/A

Relative:
Higher

FINDS:

Registry ID: 110070044755

Actual:
394 ft.

Click Here:

Environmental Interest/Information System:

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AK170 **WHISPERING WOODS APT. COMPLEX**
SSW **4411 NORTHSIDE DRIVE, MACON, GA**
> 1 **BIBB (County), GA**
1.301 mi.
6871 ft. **Site 2 of 2 in cluster AK**

SPILLS **S119963064**
N/A

Relative:
Higher

Actual:
405 ft.

SPILLS:	
Name:	WHISPERING WOODS APT. COMPLEX
Address:	4411 NORTHSIDE DRIVE, MACON, GA
City,State,Zip:	GA
CTS Number:	Not reported
Spill Number:	Not reported
UN Number:	Not reported
UN Number2:	Not reported
Report Number:	Not reported
Report Date:	Not reported
Report Time:	Not reported
Spill Date:	Not reported
Spill Time:	Not reported
Incident Type:	Not reported
Material Involved:	Not reported
Quantity:	Not reported
Phase:	Not reported
Radioactive:	Not reported
Material 2:	Not reported
Quantity 2:	Not reported
Phase 2:	Not reported
Radioactive 2:	Not reported
Waterway Impctd:	Not reported
Evacuation:	Not reported
Caller:	Gregory Smith
Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	Water Quality Control
Associate Name:	Not reported
Investigation Date:	Not reported
Resolved:	Not reported
Closure Date:	06/12/2017
Ten Days Follow Up:	Not reported
Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHISPERING WOODS APT. COMPLEX (Continued)

S119963064

Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	82407
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	03/07/2017
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	4411 Northside Drive, Macon, GA
Comments 4:	Not reported
Source:	Whispering Woods Apt. Complex
Comments 5:	Not reported
Details:	Mr. Smith came to the West Central District office and explained that various pollution activities are recurring at the Whispering Woods Apt. Complex, which includes a leaking dumpster on the property. He stated that paint cans are being dumped in the creek, and it also smells like sewage.
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Comprehensive Solid Waste
Primary Concern 2 Description:	Not reported
Source Address 1:	4411 Northside Drive
Source Address 2:	Not reported
Source City:	Macon
Source State:	Georgia
Source Zip:	Not reported
Direction:	Riverside Drive then a left onto Northside Drive
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Macon
Caller State:	Georgia
Caller Zip:	Not reported
Comp City:	Macon
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	03/07/2017
Assign Date:	03/08/2017
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Not given
Active:	Not reported
Facility ID:	Not reported
Approved Date:	Not reported
Facility Status:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHISPERING WOODS APT. COMPLEX (Continued)

S119963064

Spill Action:

Complaint Code: 82407
Code Desc: Initial Investigation
Event Date: 03/08/2017
Comments: Visited the complex; There was evidence of water around the dumpsters which appeared to have been due to a recent rain event (3/7/2016).- dumpster was empty and holding water at tyhe time of the investigation. There was a small amount of wind blown solid waste near the dumpsters. I met with the complainant near the creek.- There was no sewage smell at the time of the investigation.- The complainant stated he picked up the paint cans.- I spoke with Whitney Ryan (Apartment Manager) about the complaint. I documented evidence of openly dumped solid waste at the rear of the pool.- The solid waste included wooden pallets, plastics, paper and metal. I informed Ms. Ryan of the solid waste violation and informed her of the necessary corrective action.-

Investigator: jsapp
Entry Date: 03/08/2017

Complaint Code: 82407
Code Desc: Other
Event Date: 04/26/2017
Comments: Received a response from Ms. Ryan stating the corrective actions taken to address the complaint; openly dumped solid waste was removed and properly disposed (receipts provided via email); wind blown trash and littering near the pool were cleaned and will be picked up as needed;- called the complainant and updated him on the corrective action taken to resolve the complaint;- A letter will be written closing the complaint.- NFA

Investigator: jsapp
Entry Date: 04/27/2017

AM171 RIVER RIDGE APARTMENT HOMES
SSE 3896 RIVERSIDE DRIVE
> 1 MACON, GA 31210
1.305 mi.
6892 ft. Site 1 of 5 in cluster AM

FINDS 1010350851
N/A

Relative: FINDS:
Lower Registry ID: 110030907963

Actual:
363 ft. Click Here:

Environmental Interest/Information System:

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RIVER RIDGE APARTMENT HOMES (Continued)

1010350851

has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

172
 NW
 > 1
 1.311 mi.
 6922 ft.

B G MOBILE TRUCK EQUIPMENT GENL AUTO REPR SHOP
114 RED FOX RUN
MACON, GA 31210

EDR Hist Auto 1014929953
N/A

Relative:
Higher

EDR Hist Auto

Actual:
420 ft.

Year:	Name:	Type:
1998	BG MOBILE TRUCK EQUIP	General Automotive Repair Shops
1999	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2000	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2001	B G MOBILE TRUCK EQUIPMENT GENL	AUTOMOBILE REPAIRING & SERVICE
2001	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2002	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2003	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2004	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2005	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2006	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2007	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2008	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2009	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2010	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2011	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2012	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2013	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops
2014	B G MOBILE TRUCK EQUIPMENT	General Automotive Repair Shops

AN173
 West
 > 1
 1.319 mi.
 6964 ft.

SHERWIN WILLIAMS
5436 BOWMAN ROAD
MACON, GA 31210
 Site 1 of 5 in cluster AN

ECHO 1026037747
N/A

Relative:
Higher

ECHO:

Actual:
389 ft.

Envid:	1026037747
Registry ID:	110070672426
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070672426
Name:	SHERWIN WILLIAMS
Address:	5436 BOWMAN ROAD
City,State,Zip:	MACON, GA 31210

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

AN174 West > 1 1.319 mi. 6964 ft.	SHERWIN WILLIAMS 5436 BOWMAN ROAD MACON, GA 31210 Site 2 of 5 in cluster AN	FINDS	1026102063 N/A
--	---	--------------	--------------------------

Relative: FINDS:
Higher Registry ID: 110070672426

Actual: Click Here:
389 ft.

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AN175 West > 1 1.319 mi. 6964 ft.	SHERWIN WILLIAMS 5436 BOWMAN ROAD MACON, GA 31210 Site 3 of 5 in cluster AN	NPDES	S127177330 N/A
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Relative: Higher Actual: 389 ft.	NPDES: Name: SHERWIN WILLIAMS Address: 5436 BOWMAN ROAD City,State,Zip: MACON, GA 31210 Notice of Intent Num: GAR18840B Facility Type Desc: Not reported Owner: Page Webb, llc Sic Code: Not reported Effective Date: Not reported Expiration Date: 07/31/2023 Permit Action Status: In Effect Extension Date: Not reported Termination Date: Not reported Is 303D: Not reported Numeric Effluent Limit: Not reported Samples Appx C: Not reported Is Meeting POC: Not reported ICIS Number: Not reported Application Received Date: 12/04/2019 Owner First Name: Not reported Owner Last Name: Not reported Owner Title: Not reported Owner Telephone: Not reported Owner Email: Not reported Comments: Not reported Latitude: Not reported Longitude: Not reported District: West Central District - Macon Construction Activity: Commercial Common Development Type: Not reported Related Primary: Not reported
---	--

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS (Continued)

S127177330

Operator: Page Webb, llc
Postmarked Date: 12/18/2019
Issue Date: 8/1/2018
Permit Status: In Effect
Total Acres: 1
50 or More Acres Disturbed: N
Impaired Stream Segments: Not reported
TMDL Implementation Plans: Not reported
Common Development Name: Not reported
Active or Term: Active
Coverage Status: Covered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: In Effect

AL176
SE
> 1
1.340 mi.
7075 ft.

SATURN OF MACON
3931 RIVERPLACE DR
MACON, GA 31210
Site 2 of 2 in cluster AL

ICIS 1005508104
US AIRS N/A
FINDS
ECHO

Relative:
Higher
Actual:
374 ft.

ICIS:
Enforcement Action ID: 04-1999-A118
FRS ID: 110007090780
Action Name: SATURN OF MACON 130214099000002
Facility Name: SATURN OF MACON
Facility Address: 3931 RIVERPLACE DR
MACON, GA 00000
Enforcement Action Type: CAA 113D1 Action For Penalty
Facility County: BIBB
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113D1
Facility SIC Code: 5511
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.90478
Longitude in Decimal Degrees: -83.68533
Permit Type Desc: Not reported
Program System Acronym: 040000001302140990
Facility NAICS Code: 441110
Tribal Land Code: Not reported

Enforcement Action ID: 04-1999-0439
FRS ID: 110007090780
Action Name: SATURN OF MACON, INC.
Facility Name: SATURN OF MACON
Facility Address: 3931 RIVERPLACE DR
MACON, GA
Enforcement Action Type: CAA 113D1 Action For Penalty
Facility County: BIBB
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113D1
Facility SIC Code: 7538
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.904514

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATURN OF MACON (Continued)

1005508104

Longitude in Decimal Degrees: -83.684978
Permit Type Desc: Not reported
Program System Acronym: 18964
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: SATURN OF MACON
Address: 3931 RIVERPLACE DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 7538

US AIRS MINOR:

Envid: 1005508104
Region Code: 04
Programmatic ID: AIR 040000001302140990
Facility Registry ID: 110007090780
D and B Number: Not reported
Primary SIC Code: 5511
NAICS Code: 441110
Default Air Classification Code: NAP
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 04
Programmatic ID: AIR 040000001302140990
Facility Registry ID: 110007090780
Air Operating Status Code: OPR
Default Air Classification Code: NAP
Air Program: Stratospheric Ozone Protection
Activity Date: Not reported
Activity Status Date: 2014-10-19 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Case File Data Entered

Region Code: 04
Programmatic ID: AIR 040000001302140990
Facility Registry ID: 110007090780
Air Operating Status Code: OPR
Default Air Classification Code: NAP
Air Program: Stratospheric Ozone Protection
Activity Date: 1998-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR 040000001302140990
Facility Registry ID: 110007090780
Air Operating Status Code: OPR
Default Air Classification Code: NAP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATURN OF MACON (Continued)

1005508104

Air Program: Stratospheric Ozone Protection
Activity Date: 1999-09-02 00:00:00
Activity Status Date: 1999-09-02 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

FINDS:

Registry ID: 110007090780

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR - NOT APPLICABLE

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1005508104
Registry ID: 110007090780
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007090780>
Name: SATURN OF MACON
Address: 3931 RIVERPLACE DR
City,State,Zip: MACON, GA 31210

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

AN177 **THE LOFTS AT BASS PHASE 2**
West **5429 BOWMAN ROAD**
> 1 **MACON, GA**
1.361 mi.
7187 ft. **Site 4 of 5 in cluster AN**

NPDES **S127168946**
N/A

Relative:
Higher

NPDES:

Actual:
390 ft.

Name:	THE LOFTS AT BASS PHASE 2
Address:	5429 BOWMAN ROAD
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR150420
Facility Type Desc:	Not reported
Owner:	Sierra Development Corporation
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2018
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	04/25/2017
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	11/13/2015
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Appling Brothers Co.
Postmarked Date:	11/23/2015
Issue Date:	9/23/2013
Permit Status:	Terminated
Total Acres:	1.3
50 or More Acres Disturbed:	N
Impaired Stream Segments:	N
TMDL Implementation Plans:	N
Common Development Name:	NA
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Jody Sapp
Area Specialist:	Not reported
Engineer:	Elnora Vinson
Action Status:	No Longer In Effect

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

AN178 West > 1 1.361 mi. 7187 ft.	THE LOFTS AT BASS PHASE 2 5429 BOWMAN ROAD MACON, GA 00000 Site 5 of 5 in cluster AN	FINDS ECHO	1022970572 N/A
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Relative: FINDS:
Higher Registry ID: 110070006918

Actual: Click Here:
390 ft.

Environmental Interest/Information System:
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
 Envid: 1022970572
 Registry ID: 110070006918
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070006918>
 Name: THE LOFTS AT BASS PHASE 2
 Address: 5429 BOWMAN ROAD
 City,State,Zip: MACON, GA 00000

AO179 West > 1 1.364 mi. 7200 ft.	TREE CITY #100545 1607 BASS RD MACON, GA Site 1 of 11 in cluster AO	UST Financial Assurance	U004022742 N/A
--	---	--	-------------------

Relative: UST:
Higher Name: TREE CITY #100545
Actual: Address: 1607 BASS RD
409 ft. City,State,Zip: MACON, GA

Contact:
 LEMIR ID: 161373
 Facility ID: 10000682
 Facility Status: Active
 Location Status: Active
 Contact First Name: Richard
 Contact Last Name: Stiles
 Contact Email: osanpetroleum@gmail.com
 Company Name: Osan Petroleum Co., Inc.
 Mailing Address: PO Box 2285
 Mailing City: Macon
 Mailing State: GA
 Mailing Zip: 31203
 Start Date: Not reported
 End Date: Not reported
 Contact Telephone: 478 7424534

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TREE CITY #100545 (Continued)

U004022742

Tank Info:

Tankid: 1
Name: TREE CITY #100545
Address: 1607 BASS RD
Tank Status: Currently in Use
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 10/01/2003
Facility ID: 10000682
Status Date: Not reported
Product: Regular
Pipe Material: Double-Walled Flex
Overfill Protection: 0
Overfill Installed: 11/01/2003
Tank Exempt From Spill: 0
Date Spill Device Installed: 11/01/2003

Tankid: 2A
Name: TREE CITY #100545
Address: 1607 BASS RD
Tank Status: Currently in Use
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 10/01/2003
Facility ID: 10000682
Status Date: Not reported
Product: Premium
Pipe Material: Double-Walled Flex
Overfill Protection: 0
Overfill Installed: 11/01/2003
Tank Exempt From Spill: 0
Date Spill Device Installed: 11/01/2003

Tankid: 2B
Name: TREE CITY #100545
Address: 1607 BASS RD
Tank Status: Currently in Use
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 10/01/2003
Facility ID: 10000682
Status Date: Not reported
Product: Diesel
Pipe Material: Double-Walled Flex
Overfill Protection: 0
Overfill Installed: 11/01/2003
Tank Exempt From Spill: 0
Date Spill Device Installed: 11/01/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TREE CITY #100545 (Continued)

U004022742

GA Financial Assurance 1:
Name: TREE CITY #100545
Address: 1607 BASS RD
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 10000682
Financial Responsibility: G.U.S.T. Trust Fund
Location Start Date: 07/22/2004
Location End Date: Not reported
Location Status: Active
Location Type: Not Marked
Facility Status: ACTIVE

AO180
West
> 1
1.364 mi.
7200 ft.

LEE'S CITGO
1607 BASS ROAD
MACON, GA 31210
Site 2 of 11 in cluster AO

AST A100328001
N/A

Relative:
Higher

AST:
Name: LEE'S CITGO
Address: 1607 BASS ROAD
City,State,Zip: MACON, GA 31210
Owner Name: Gas Incorporated
Owner Address: 156 Jonesboro Road
Owner City/State/Zip: Fairburn GA 30213
Number Of Tanks: 24
Tank Capacity: 0
File No: Not reported

Actual:
409 ft.

AO181
West
> 1
1.364 mi.
7202 ft.

BASS CLEANERS
1609 BASS RD
MACON, GA 31210
Site 3 of 11 in cluster AO

DRYCLEANERS S109505202
N/A

Relative:
Higher

DRYCLN:
Name: BASS CLEANERS
Address: 1609 BASS RD
City,State,Zip: MACON, GA 31210-6501
Contact Name: Lee PO
Phone Number: 478-475-0050
Contact Name: Lee PO
MSA code: 4680
MSA desc: MACON, GA
CBSA code: 31420
CBSA descr: MACON, GA
Metro Micro Indicator: 2
CSA code: 356
Csa descr: MACON-WARNER ROBINS-FORT VALLEY, GA
Census tract: 13402
Census block group: 3
Latitude: 32.926853000000001
Longitude: -83.733388000000005
Match level code: 0
Secondary address: 1609 Bass Rd

Actual:
409 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASS CLEANERS (Continued)

S109505202

Secondary city: Macon
Secondary state: GA
Secondary zip10: 31210-6501
Secondary carrier route code: R042
Fax number: Not reported
Toll free number: Not reported
Web site: Not reported
Selected SIC code: 721201
Selected SIC desc: Cleaners
Primary SIC code: 721201
Primary SIC desc: Cleaners
NAICS code: 81232002
NAICS desc: Drycleaning & Laundry Svcs
Location employment size code: C
Location employment size desc: 2008-10-19 00:00:00
Actual location employment size: 10
Modeled employment size: A
Location sales volume code: B
Location sales volume desc: \$500,000-1 Million
Actual location sales volume: 600
Corporate sales volume code: Not reported
Corporate sales volume desc: Not reported
Actual corporate sales volume: Not reported
Asset size: S
Name: Ms Lee PO
Title: Owner
Ethnicity code: Chinese
Infousa id: 373059807
Site Number: 373059807
HQ branch code: 9
HQ branch desc: Single Loc
Public company indicator code: 0
Public filing indicator: Y
Individual firm code: 2
Individual firm desc: Firm/Business
Year SIC added: 200601
Year first appeared in yellow pages: 2005
Yellow page code: 18306
Transaction date: 200601
Call status code: C
Call status desc: Complete
Credit score code: C+
Credit score desc: 75 to 79
Actual credit score: 78
Ad size code: Regular
Population code: 6
Population desc: 50,000 - 99,000
Square footage code: B
Square footage desc: 2,500 - 9,999
Radial distance from target element: .
Actnumbus multitenant location: Not reported
Building num multi tenant: Not reported
Number of pcs code: 0 - 1 PCs
Affluent neighborhood location: N
Big business: N
Female owner exec: Y
Highincomeexec: Y

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BASS CLEANERS (Continued)

S109505202

Hightechbusiness: N
 Medium size business entrepreneur: Y
 Small business entrepreneur: N
 Tertiary address: Not reported
 Tertiary city: Not reported
 Tertiary state: Not reported
 Tertiary zip10: Not reported
 White collar percentage: 29
 White collar indicator: 0
 Production date: 12/02/2008
 Obsolescence date: 06/02/2009
 Source: infoUSA
 Bookno: 14840

AP182
West
> 1
1.366 mi.
7212 ft.

SOUTHERN NATURAL GAS
14" BASS METER STATION (BOWMAN RD.)
MACON, GA 31210

GA NON-HSI S106854529
N/A

Site 1 of 2 in cluster AP

Relative:
Higher
Actual:
380 ft.

NON HSI:
 Name: SOUTHERN NATURAL GAS
 Address: 14" BASS METER STATION (BOWMAN RD.)
 City,State,Zip: MACON, GA 31210
 Latitude: 32.928500
 Longitude: 83.733600
 Ground Water Pathway Score: 6.32
 On-Site Pathway Score: 0
 Report Date: 12/01/1997
 Additional Info: Not reported
 Contamination: mercury

AP183
West
> 1
1.366 mi.
7214 ft.

SOUTHERN NATURAL GAS COMPANY-16" BASS METER STATIO
I-75 @ EXIT# 56 (BASS RD), 0.2 MILES EAST OF I-75
MACON, GA

GA NON-HSI S105872145
N/A

Site 2 of 2 in cluster AP

Relative:
Higher
Actual:
380 ft.

NON HSI:
 Name: SOUTHERN NATURAL GAS COMPANY-16" BASS METER STATION
 Address: I-75 @ EXIT# 56 (BASS RD), 0.2 MILES EAST OF I-75
 City,State,Zip: MACON, GA
 Latitude: 32.928528
 Longitude: 83.733611
 Ground Water Pathway Score: 6.30
 On-Site Pathway Score: 0.00
 Report Date: 01/01/2000
 Additional Info: Not reported
 Contamination: 1,1-dichloroethene

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AO184
West
> 1
1.368 mi.
7223 ft.

FLASH FOODS #145
1608 BASS RD
MACON, GA
Site 4 of 11 in cluster AO

UST **U004197801**
Financial Assurance **N/A**

Relative:
Higher
Actual:
399 ft.

UST:
Name: FLASH FOODS #145
Address: 1608 BASS RD
City,State,Zip: MACON, GA

Contact:
LEMIR ID: 162674
Facility ID: 10002084
Facility Status: Active
Location Status: Active
Contact First Name: Ramon
Contact Last Name: Inciong
Contact Email: rinciong@circlek.com
Company Name: Circle k Inc
Mailing Address: 1100 Situs Court,
Mailing City: Raleigh
Mailing State: NC
Mailing Zip: 27606
Start Date: 2018-12-20 10:27:27
End Date: Not reported
Contact Telephone: 386 9166267

LEMIR ID: 162674
Facility ID: 10002084
Facility Status: Active
Location Status: Active
Contact First Name: Hank
Contact Last Name: Sirmans
Contact Email: johnb@jetfoods.com
Company Name: Flash Foods
Mailing Address: P.O. Box 2149
Mailing City: Waycross
Mailing State: GA
Mailing Zip: 31502
Start Date: Not reported
End Date: Not reported
Contact Telephone: 912 4902323

LEMIR ID: 162674
Facility ID: 10002084
Facility Status: Active
Location Status: Active
Contact First Name: Hank
Contact Last Name: Sirmans
Contact Email: johnb@jetfoods.com
Company Name: Flash Foods
Mailing Address: P.O. Box 2149
Mailing City: Waycross
Mailing State: GA
Mailing Zip: 31502
Start Date: Not reported
End Date: Not reported
Contact Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLASH FOODS #145 (Continued)

U004197801

Tank Info:

Tankid: 1
Name: FLASH FOODS #145
Address: 1608 BASS RD
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 01/31/2012
Facility ID: 10002084
Status Date: Not reported
Product: Regular
Pipe Material: Double-Walled Flex
Overfill Protection: 0
Overfill Installed: 01/31/2012
Tank Exempt From Spill: 0
Date Spill Device Installed: 01/31/2012

Tankid: 2
Name: FLASH FOODS #145
Address: 1608 BASS RD
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 01/31/2012
Facility ID: 10002084
Status Date: Not reported
Product: Regular
Pipe Material: Double-Walled Flex
Overfill Protection: 0
Overfill Installed: 01/31/2012
Tank Exempt From Spill: 0
Date Spill Device Installed: 01/31/2012

Tankid: 3
Name: FLASH FOODS #145
Address: 1608 BASS RD
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 01/31/2012
Facility ID: 10002084
Status Date: Not reported
Product: Premium
Pipe Material: Double-Walled Flex
Overfill Protection: 0
Overfill Installed: 01/31/2012
Tank Exempt From Spill: 0
Date Spill Device Installed: 01/31/2012

Tankid: 4
Name: FLASH FOODS #145

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLASH FOODS #145 (Continued)

U004197801

Address: 1608 BASS RD
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 01/31/2012
Facility ID: 10002084
Status Date: Not reported
Product: Diesel
Pipe Material: Double-Walled Flex
Overfill Protection: 0
Overfill Installed: 01/31/2012
Tank Exempt From Spill: 0
Date Spill Device Installed: 01/31/2012

GA Financial Assurance 1:

Name: FLASH FOODS #145
Address: 1608 BASS RD
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 10002084
Financial Responsibility: Guarantee
Location Start Date: 04/05/2012
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

AO185
West
> 1
1.368 mi.
7223 ft.

FLASH FOODS # 145
1608 BASS ROAD
MACON, GA
Site 5 of 11 in cluster AO

AST A100497006
N/A

Relative:
Higher
Actual:
399 ft.

AST:
Name: FLASH FOODS # 145
Address: 1608 BASS ROAD
City,State,Zip: MACON, GA
Owner Name: Flash Foods
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-253

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AM186
SSE
 > 1
 1.368 mi.
 7224 ft.

CALIBER COLLISION CENTER - MACON 2339
111 RIVERSIDE PARKWAY
MACON, GA 31210

ECHO **1026011774**
 N/A

Site 2 of 5 in cluster AM

Relative:
Higher

ECHO:

Actual:
375 ft.

Envid: 1026011774
 Registry ID: 110044918854
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110044918854>
 Name: CALIBER COLLISION CENTER - MACON 2339
 Address: 111 RIVERSIDE PARKWAY
 City,State,Zip: MACON, GA 31210

AM187
SSE
 > 1
 1.368 mi.
 7224 ft.

BMW OF MACON
BMW OF MACON 111 RIVERSIDE PARKWAY
BIBB (County), GA

SPILLS **S120818437**
 N/A

Site 3 of 5 in cluster AM

Relative:
Higher

SPILLS:

Actual:
375 ft.

Name: BMW OF MACON
 Address: BMW OF MACON 111 RIVERSIDE PARKWAY
 City,State,Zip: GA
 CTS Number: Not reported
 Spill Number: Not reported
 UN Number: Not reported
 UN Number2: Not reported
 Report Number: Not reported
 Report Date: Not reported
 Report Time: Not reported
 Spill Date: Not reported
 Spill Time: Not reported
 Incident Type: Not reported
 Material Involved: Not reported
 Quantity: Not reported
 Phase: Not reported
 Radioactive: Not reported
 Material 2: Not reported
 Quantity 2: Not reported
 Phase 2: Not reported
 Radioactive 2: Not reported
 Waterway Impctd: Not reported
 Evacuation: Not reported
 Caller: CHRIS
 Organization: Not reported
 Org Phone: Not reported
 Primary Concern: Hazardous Waste Management
 Associate Name: Not reported
 Investigation Date: Not reported
 Resolved: Not reported
 Closure Date: 04/30/2010
 Ten Days Follow Up: Not reported
 Transferred Record: Not reported
 Fire: Not reported
 Police: Not reported
 Sheriff: Not reported
 GSP: Not reported
 Medical: Not reported
 EPA: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BMW OF MACON (Continued)

S120818437

USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	61080
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	02/19/2010
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	BMW OF MACON 111 RIVERSIDE PARKWAY
Comments 4:	Not reported
Source:	BMW OF MACON
Comments 5:	Not reported
Details:	I WORK FOR BMW OF MACON. WE HAVE A USED OIL CONTAINER IN THE BACK OF OUR DEALERSHIP. THIS CONTAINER HAS BEEN OVERFILLED NUMERSOUS TIMES. THE CATCH PAN IS FULL AND HAS NEVER BEEN DRAINED. THIS CONTAINER IS JUST UP STREAM OF OUR DRAIN FOR THE CAR WASH FACILITY. I HAVE PICTURES GOING BACK SIX MONTHS. I'M A GRADUATE OF WYOMING TECHNICAL INSTITUTE. I NOW WHAT THE LAWS AND REGULATIONS ARE AND THIS COMPANY IS CLEARLY TURNING THEIR HEADS TO A BIG ISSUE THEY HAVE
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Hazardous Waste Management
Primary Concern 2 Description:	Not reported
Source Address 1:	111 RIVERSIDE PARKWAY
Source Address 2:	Not reported
Source City:	MACON
Source State:	Georgia
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	2341 OLD KNOXVILLE ROAD
Caller Address 2:	Not reported
Caller City:	KNOXVILLE
Caller State:	Georgia

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BMW OF MACON (Continued)

S120818437

Caller Zip: 31050
Comp City: MACON
Branch: Not reported
BDesc: Not reported
Program: Not reported
Prog Desc: Not reported
Accept Date: 02/19/2010
Assign Date: 02/19/2010
FUI Need: Not reported
Refer 2: Not reported
Contact: Not reported
Active: Not reported
Facility ID: Not reported
Approved Date: Not reported
Facility Status: Not reported

Spill Action:

Complaint Code: 61080
Code Desc: Initial Investigation
Event Date: 02/24/2010
Comments: Spillage And Accumulation Issues Noted.

Investigator: gpuvada
Entry Date: 02/25/2010

Complaint Code: 61080
Code Desc: Initial Investigation Report
Event Date: 03/25/2010
Comments: Documents Used Oil Violations And Small Quantity Of Haz Waste

Investigator: gpuvada
Entry Date: 03/25/2010

Complaint Code: 61080
Code Desc: Notice Of Violation
Event Date: 03/25/2010
Comments: Used Oil Violations. Requires Cleanup Of Spilled Oil, Emptying Of Secondary Containment, Disposal Of All Drums/Buckets, And Proper Labeling Of Used Oil. Completion Within 30 Days Of Receipt.

Investigator: gpuvada
Entry Date: 03/25/2010

Complaint Code: 61080
Code Desc: Other
Event Date: 04/08/2010
Comments: Alex Diaz, Director Of Services, Called To State That Work Has Been Completed. George Puvvada Instructed Him To Submit Documentation Including Photographs And Receipts/Manifests.

Investigator: gpuvada
Entry Date: 03/15/2010

Complaint Code: 61080
Code Desc: Status Letter
Event Date: 04/13/2010
Comments: Nov Response Letter From Bmw Of Macon Documenting That All Violations Have Been Corrected. Includes Labeling, Clean-Up Of Spills, Emptying

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BMW OF MACON (Continued)

S120818437

Of Secondary Containment, And Protection From Stormwater.

Investigator: gpuvada
 Entry Date: 04/28/2010

Complaint Code: 61080
 Code Desc: Status Letter
 Event Date: 04/29/2010
 Comments: Resolution Of Violations Letter Issued To Bmw Of Macon

Investigator: gpuvada
 Entry Date: 04/28/2010

AM188
SSE
 > 1
 1.368 mi.
 7224 ft.

CALIBER COLLISION CENTER - MACON 2339
111 RIVERSIDE PARKWAY
MACON, GA 31210

RCRA-VSQG 1014923195
GAR000063099

Site 4 of 5 in cluster AM

Relative:
Higher
Actual:
375 ft.

RCRA-VSQG:

Date Form Received by Agency: 20190814
 Handler Name: CALIBER COLLISION CENTER - MACON 2339
 Handler Address: 111 RIVERSIDE PARKWAY
 Handler City,State,Zip: MACON, GA 31210
 EPA ID: GAR000063099
 Contact Name: LORI EATON
 Contact Address: LAKE VISTA
 Contact City,State,Zip: LEWISVILLE, TX 75067
 Contact Telephone: 469-948-9500
 Contact Fax: Not reported
 Contact Email: LICENSEANDPERMITS@CALIBERCOLLISON.COM
 Contact Title: REGULATORY COMPLIANCE COORDINATOR
 EPA Region: 04
 Land Type: Private
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: GA
 State District: EKR
 Mailing Address: LAKE VISTA
 Mailing City,State,Zip: LEWISVILLE, TX 75067
 Owner Name: ABRA GEORGIA INC
 Owner Type: Private
 Operator Name: CHARLIE DRAKE
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALIBER COLLISION CENTER - MACON 2339 (Continued)

1014923195

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRAs Permit Baseline:	Not on the Baseline
2018 GPRAs Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRAs Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191011
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIBER COLLISION CENTER - MACON 2339 (Continued)

1014923195

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ABRA GEORGIA INC
Legal Status: Private
Date Became Current: 20120101
Date Ended Current: Not reported
Owner/Operator Address: 6601 SHINGLE CREEK PKSY #200
Owner/Operator City,State,Zip: BROOKLYN PARK, MN 55430
Owner/Operator Telephone: 888-872-2272
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CHARLIE DRAKE
Legal Status: Private
Date Became Current: 20120101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: GA
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIBER COLLISION CENTER - MACON 2339 (Continued)

1014923195

Owner/Operator Name:	ABRA GEORGIA INC
Legal Status:	Private
Date Became Current:	20120101
Date Ended Current:	Not reported
Owner/Operator Address:	6601 SHINGLE CREEK PKSY #200
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55430
Owner/Operator Telephone:	888-872-2272
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALIBER BODYWORKS OF GEORGIA INC
Legal Status:	Private
Date Became Current:	20190826
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	LICENSEANDPERMITS@CALIBERCOLLISON.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JIM KESSLER
Legal Status:	Private
Date Became Current:	20170201
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CALIBER BODYWORKS OF GEORGIA INC
Legal Status:	Private
Date Became Current:	20190826
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	LICENSEANDPERMITS@CALIBERCOLLISON.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA AUTO BODY & GLASS, LP
Legal Status:	Private
Date Became Current:	20151001
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE, #210
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	888-872-2272
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIBER COLLISION CENTER - MACON 2339 (Continued)

1014923195

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA AUTO BODY & GLASS, LP
Legal Status:	Private
Date Became Current:	20151001
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE, #210
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	888-872-2272
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHARLIE DRAKE
Legal Status:	Private
Date Became Current:	20120101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	GA
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA GEORGIA INC
Legal Status:	Private
Date Became Current:	20120101
Date Ended Current:	Not reported
Owner/Operator Address:	6601 SHINGLE CREEK PKSY #200
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55430
Owner/Operator Telephone:	888-872-2272
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JIM KESSLER
Legal Status:	Private
Date Became Current:	20170201
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHARLIE DRAKE
Legal Status:	Private
Date Became Current:	20120101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	GA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIBER COLLISION CENTER - MACON 2339 (Continued)

1014923195

Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20120117
Handler Name: ABRA AUTO BODY & GLASS - MACON
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170707
Handler Name: ABRA AUTO BODY & GLASS LP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20190814
Handler Name: CALIBER COLLISION CENTER - MACON 2339
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 81112
NAICS Description: AUTOMOTIVE BODY, PAINT, INTERIOR, AND GLASS REPAIR

NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALIBER COLLISION CENTER - MACON 2339 (Continued)

1014923195

Evaluation Action Summary:

Evaluations: No Evaluations Found

AM189
SSE
 > 1
 1.368 mi.
 7224 ft.
 Relative:
 Higher
 Actual:
 375 ft.

CALIBER COLLISION CENTER - MACON 2339
111 RIVERSIDE PARKWAY
MACON, GA 31210

FINDS 1017530772
N/A

Site 5 of 5 in cluster AM

FINDS:
 Registry ID: 110044918854

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AQ190
SSW
 > 1
 1.385 mi.
 7314 ft.

NEIGHBORHOOD FOOD MART
4705 NORTHSIDE DR
MACON, GA

UST U001486764
Financial Assurance N/A

Site 1 of 7 in cluster AQ

UST:
 Name: NEIGHBORHOOD FOOD MART
 Address: 4705 NORTHSIDE DR
 City,State,Zip: MACON, GA

Contact:
 LEMIR ID: 148944
 Facility ID: 4110118
 Facility Status: Active
 Location Status: Active
 Contact First Name: Shawn
 Contact Last Name: Heacox
 Contact Email: sheacox@walthall-oil.com
 Company Name: Walthall Oil Company
 Mailing Address: PO Box 1203
 Mailing City: Macon
 Mailing State: GA
 Mailing Zip: 31202
 Start Date: Not reported
 End Date: Not reported
 Contact Telephone: 770 4587399

Tank Info:
 Tankid: 1
 Name: NEIGHBORHOOD FOOD MART

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEIGHBORHOOD FOOD MART (Continued)

U001486764

Address: 4705 NORTHSIDE DR
Tank Status: Removed from Ground
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Not reported
Install Date: 04/18/1985
Facility ID: 4110118
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: Not reported
Overfill Installed: 08/27/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 08/27/1998

Tankid: 2
Name: NEIGHBORHOOD FOOD MART
Address: 4705 NORTHSIDE DR
Tank Status: Removed from Ground
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Not reported
Install Date: 04/18/1985
Facility ID: 4110118
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: Not reported
Overfill Installed: 08/27/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 08/27/1998

Tankid: 3
Name: NEIGHBORHOOD FOOD MART
Address: 4705 NORTHSIDE DR
Tank Status: Removed from Ground
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Not reported
Install Date: 04/18/1985
Facility ID: 4110118
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: Not reported
Overfill Installed: 08/27/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 08/27/1998

Tankid: 4
Name: NEIGHBORHOOD FOOD MART
Address: 4705 NORTHSIDE DR
Tank Status: Currently in Use
City: MACON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEIGHBORHOOD FOOD MART (Continued)

U001486764

Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 05/01/2002
Facility ID: 4110118
Status Date: Not reported
Product: E-10
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 05/01/2002
Tank Exempt From Spill: 0
Date Spill Device Installed: 05/01/2002

Tankid: 5
Name: NEIGHBORHOOD FOOD MART
Address: 4705 NORTHSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 05/01/2002
Facility ID: 4110118
Status Date: Not reported
Product: E-10
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 05/01/2002
Tank Exempt From Spill: 0
Date Spill Device Installed: 05/01/2002

Tankid: 6
Name: NEIGHBORHOOD FOOD MART
Address: 4705 NORTHSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Composite
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 05/01/2002
Facility ID: 4110118
Status Date: Not reported
Product: Diesel
Pipe Material: Not reported
Overfill Protection: 0
Overfill Installed: 05/01/2002
Tank Exempt From Spill: 0
Date Spill Device Installed: 05/01/2002

GA Financial Assurance 1:

Name: NEIGHBORHOOD FOOD MART
Address: 4705 NORTHSIDE DR
City,State,Zip: MACON, GA 31204
Region: 1
Facility ID: 4110118
Financial Responsibility: G.U.S.T. Trust Fund

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEIGHBORHOOD FOOD MART (Continued)

U001486764

Location Start Date: 06/05/2002
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

AQ191
SSW
> 1
1.385 mi.
7314 ft.

MINI FOODS
4705 NORTHSIDE DRIVE
MACON, GA 31206

AST **A100327938**
N/A

Site 2 of 7 in cluster AQ

Relative:
Higher

AST:

Actual:
394 ft.

Name: MINI FOODS
Address: 4705 NORTHSIDE DRIVE
City,State,Zip: MACON, GA 31206
Owner Name: Taylor Gas
Owner Address: 84 Jonesboro Road
Owner City/State/Zip: Fairburn Ga 31715
Number Of Tanks: 42
Tank Capacity: 840
File No: Not reported

Name: MINI FOODS #11
Address: 4705 NORTHSIDE DRIVE
City,State,Zip: MACON, GA 31206
Owner Name: Not reported
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-152

AQ192
SSW
> 1
1.385 mi.
7314 ft.

NEIGHBORHOOD FOOD MART
4705 NORTHSIDE DR
MACON, GA

RGA LUST **S115545094**
N/A

Site 3 of 7 in cluster AQ

Relative:
Higher

RGA LUST:

Actual:
394 ft.

2012	NEIGHBORHOOD FOOD MART	4705 NORTHSIDE DR
2011	NEIGHBORHOOD FOOD MART	4705 NORTHSIDE DR
2010	NEIGHBORHOOD FOOD MART	4705 NORTHSIDE DR
2009	NEIGHBORHOOD FOOD MART	4705 NORTHSIDE DR
2008	NEIGHBORHOOD FOOD MART	4705 NORTHSIDE DR
2007	NEIGHBORHOOD FOOD MART	4705 NORTHSIDE DR
2006	NEIGHBORHOOD FOOD MART	4705 NORTHSIDE DR
2005	NEIGHBORHOOD FOOD MART	4705 NORTHSIDE DR
2004	NEIGHBORHOOD FOOD MART	4705 NORTHSIDE DR
2003	NEIGHBORHOOD FOOD MART	4705 NORTHSIDE DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQ193 **NEIGHBORHOOD FOOD MART**
SSW **4705 NORTHSIDE DR**
> 1 **MACON, GA 31204**
1.385 mi.
7314 ft. **Site 4 of 7 in cluster AQ**

LUST **1006792287**
FINDS **N/A**

Relative:
Higher
Actual:
394 ft.

LUST:
Name: NEIGHBORHOOD FOOD MART
Address: 4705 NORTHSIDE DR
City,State,Zip: MACON, GA 31204
Facility ID: 04110118
Leak ID: Not reported
Description: Not reported
Cleanup Status: NFA - No Further Action
Date Received: 11/01/2001
Project Officer: William Logan
Project Name: UST - 1 - Neighborhood Food Mart
Site Code Description: Potential GUST trust fund reimbursement site
No Further Action Date: 06/27/2002

FINDS:
Registry ID: 110013617309

Click Here:
Environmental Interest/Information System:
GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AQ194 **NORTHSIDE CHEVRON**
SSW **4719 NORTHSIDE DRIVE**
> 1 **MACON, GA 31210**
1.389 mi.
7334 ft. **Site 5 of 7 in cluster AQ**

AST **A100327996**
N/A

Relative:
Higher
Actual:
397 ft.

AST:
Name: CHEVRON FOODMART
Address: 4719 NORTHSIDE DR.
City,State,Zip: MACON, GA 31210
Owner Name: Min suk kim
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-220

Name: NORTHSIDE CHEVRON
Address: 4719 NORTHSIDE DRIVE
City,State,Zip: MACON, GA 31210
Owner Name: Gas Incorporated
Owner Address: 84 Jonesboro Highway
Owner City/State/Zip: Fairburn GA 30301
Number Of Tanks: 24
Tank Capacity: 0
File No: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AQ195 **WALTHALL OIL COMPANY**
SSW **4719 NORTHSIDE DR**
> 1 **MACON, GA 31210**
1.389 mi.
7334 ft. **Site 6 of 7 in cluster AQ**

EDR Hist Auto **1020755958**
N/A

Relative: EDR Hist Auto
Higher

Actual: 397 ft.	Year: Name:	Type:
	2006 WALTHALL OIL COMPANY	Gasoline Service Stations, NEC
	2007 WALTHALL OIL COMPANY	Gasoline Service Stations, NEC
	2008 WALTHALL OIL COMPANY	Gasoline Service Stations, NEC
	2009 WALTHALL OIL COMPANY	Gasoline Service Stations, NEC
	2010 WALTHALL OIL COMPANY	Gasoline Service Stations, NEC
	2011 WALTHALL OIL COMPANY	Gasoline Service Stations, NEC
	2012 WALTHALL OIL COMPANY	Gasoline Service Stations, NEC

AQ196 **MINI FOOD STORE #11**
SSW **4719 NORTHSIDE DR**
> 1 **MACON, GA**
1.389 mi.
7334 ft. **Site 7 of 7 in cluster AQ**

RGA LUST **S115544511**
N/A

Relative: RGA LUST:
Higher

Actual: 397 ft.	2002 MINI FOOD STORE #11	4719 NORTHSIDE DR
	2001 MINI FOOD STORE #11	4719 NORTHSIDE DR

AO197 **SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER**
West **1604 BASS ROAD**
> 1 **MACON, GA 31210**
1.399 mi.
7387 ft. **Site 6 of 11 in cluster AO**

TIER 2 **S107771947**
N/A

Relative: Higher	GA TIER 2:	
Actual: 405 ft.	Reporting Year:	2020
	Facility ID:	6790382
	Facility Country:	Not reported
	Company Name:	Southern Natural Gas Company, L.L.C.
	Date Submitted:	01/20/2021
	Filing Type:	302 312
	SIC Code:	Not reported
	NAICS Code:	486210
	Dun&Bradstreet Code:	006900518
	Chemicals Same as Last Year:	Not reported
	Data Tier 2 Signed:	Not reported
	Dikes/Saveguard Measures:	Not reported
	Facility Department:	Not reported
	Facility Date Modified:	01/20/2021
	State Fees Total:	Not reported
	Mailing Address:	Not reported
	Mailing City, St, Zip:	Not reported
	Mailing Country:	Not reported
	Latitude:	Not reported
	Longitude:	Not reported
	Lat/Long Location Desc:	Not reported
	Lat/Long Method:	Not reported
	Number Employees on Site:	Not reported
	Site Coordinate Abbrvtns Sbmtd:	Not reported
	Fire District:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Notes:	Not reported
Validity:	Not reported
Reporting Year:	2019
Facility ID:	6650099
Facility Country:	Not reported
Company Name:	Southern Natural Gas Company, L.L.C.
Date Submitted:	02/13/2020
Filing Type:	302 312
SIC Code:	Not reported
NAICS Code:	486210
Dun&Bradstreet Code:	006900518
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	Not reported
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	02/13/2020
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Mailing Country:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported
Reporting Year:	2018
Facility ID:	6365402
Facility Country:	Not reported
Company Name:	Southern Natural Gas Company, L.L.C.
Date Submitted:	02/05/2019
Filing Type:	302 312
SIC Code:	Not reported
NAICS Code:	486210
Dun&Bradstreet Code:	006900518
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	Not reported
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	02/05/2019
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Mailing Country:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Validity:	Not reported
Reporting Year:	2017
Facility ID:	6064388
Facility Country:	Not reported
Company Name:	Southern Natural Gas Company, L.L.C.
Date Submitted:	02/15/2018
Filing Type:	302 312
SIC Code:	4922
NAICS Code:	486210
Dun&Bradstreet Code:	006900518
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	Not reported
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	02/16/2018
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Mailing Country:	Not reported
Latitude:	32.928965
Longitude:	-83.736339
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported
Reporting Year:	2016
Facility ID:	5809346
Facility Country:	Not reported
Company Name:	Southern Natural Gas Company, L.L.C.
Date Submitted:	02/02/2017
Filing Type:	302 312
SIC Code:	4922
NAICS Code:	486210
Dun&Bradstreet Code:	006900518
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	Not reported
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	02/02/2017
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Mailing Country:	Not reported
Latitude:	32.928965
Longitude:	-83.736339
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Reporting Year: 2015
Facility ID: 5377550
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 02/03/2016
Filing Type: 302; 312
SIC Code: 4922
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 02/03/2016
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: 32.928965
Longitude: -83.736339
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2014
Facility ID: 4980121
Facility Country: Not reported
Company Name: Southern Natural Gas Company, L.L.C.
Date Submitted: 01/29/2015
Filing Type: Tier2
SIC Code: 4922
NAICS Code: 486210
Dun&Bradstreet Code: 006900518
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: Not reported
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 01/29/2015
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Latitude: 32.927190
Longitude: -83.732691
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Facility ID:	4068475
Facility Country:	Not reported
Company Name:	Southern Natural Gas
Date Submitted:	Not reported
Filing Type:	Not reported
SIC Code:	Not reported
NAICS Code:	Not reported
Dun&Bradstreet Code:	Not reported
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	02/21/2013
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	02/21/2013
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Mailing Country:	Not reported
Latitude:	32.92719
Longitude:	-83.73269
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported
Contact 1:	Randy Tillman
Contact Type 1:	Emergency Contact
Contact Email 1:	randall_tillman@kindermorgan.com
Contact 1 Telephone1:	800-252-5960
Contact 1 Telephone2:	478-477-1221
Contact 1 Phone3:	Not reported
Contact Name 2:	Southern Natural Gas Company
Contact Type 2:	Owner / Operator
Contact Email 2:	Not reported
Contact 2 Telephone1:	800-252-5960
Contact 2 Telephone2:	Not reported
Contact Name 3:	Not reported
Contact Type 3:	Not reported
Contact Email 3:	Not reported
Contact 3 Telephone1:	Not reported
Contact 3 Telephone2:	Not reported
Contact 3 Telephone3:	Not reported
Contact Name 4:	Not reported
Contact Type 4:	Not reported
Contact Email 4:	Not reported
Contact 4 Telephone1:	Not reported
Contact 4 Telephone2:	Not reported
Contact Name 5:	Not reported
Contact Type 5:	Not reported
Contact Email 5:	Not reported
Contact 5 Telephone1:	Not reported
Contact 5 Telephone2:	Not reported
Contact 5 Telephone3:	Not reported
Reporting Year:	2011
Facility ID:	2913094

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Facility Country:	Not reported
Company Name:	Not reported
Date Submitted:	Not reported
Filing Type:	Not reported
SIC Code:	Not reported
NAICS Code:	Not reported
Dun&Bradstreet Code:	Not reported
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	02/29/2012
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	02/29/2012
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City, St, Zip:	Not reported
Mailing Country:	Not reported
Latitude:	32.92719
Longitude:	-83.73269
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported
Contact 1:	Not reported
Contact Type 1:	Not reported
Contact Email 1:	Not reported
Contact 1 Telephone1:	Not reported
Contact 1 Telephone2:	Not reported
Contact 1 Phone3:	Not reported
Contact Name 2:	Not reported
Contact Type 2:	Not reported
Contact Email 2:	Not reported
Contact 2 Telephone1:	Not reported
Contact 2 Telephone2:	Not reported
Contact Name 3:	Not reported
Contact Type 3:	Not reported
Contact Email 3:	Not reported
Contact 3 Telephone1:	Not reported
Contact 3 Telephone2:	Not reported
Contact 3 Telephone3:	Not reported
Contact Name 4:	Not reported
Contact Type 4:	Not reported
Contact Email 4:	Not reported
Contact 4 Telephone1:	Not reported
Contact 4 Telephone2:	Not reported
Contact Name 5:	Not reported
Contact Type 5:	Not reported
Contact Email 5:	Not reported
Contact 5 Telephone1:	Not reported
Contact 5 Telephone2:	Not reported
Contact 5 Telephone3:	Not reported
Reporting Year:	2010
Facility ID:	FATR2010JD9QRQ4195HN
Facility Country:	USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Company Name: Not reported
Date Submitted: Not reported
Filing Type: Not reported
SIC Code: Not reported
NAICS Code: Not reported
Dun&Bradstreet Code: Not reported
Chemicals Same as Last Year: Not reported
Data Tier 2 Signed: 02/28/2011
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 02/28/2011
State Fees Total: Not reported
Mailing Address: P.O. Box 18066
Mailing City,St,Zip: Macon, GA 31209
Mailing Country: USA
Latitude: 32.92719
Longitude: -83.73269
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: 0
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported

Reporting Year: 2008
Facility ID: FATR200848R09Q0010RY
Facility Country: USA
Company Name: Not reported
Date Submitted: Not reported
Filing Type: Not reported
SIC Code: Not reported
NAICS Code: Not reported
Dun&Bradstreet Code: Not reported
Chemicals Same as Last Year: True
Data Tier 2 Signed: 02/25/2009
Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 05/13/2009
State Fees Total: Not reported
Mailing Address: P.O. Box 18066
Mailing City,St,Zip: Macon, GA 31209
Mailing Country: USA
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: This facility passed all validation checks.

Facility Info:

Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Facility ID Last Modified: 2/25/2009
ID: NAICS

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/16/2006
ID: Dun & Bradstreet

Contact:
Year: Not reported
Contact ID: CTTR20082019JA007J84
Contact Title: Technician
Contact First Name: Randy
Contact Last Name: Tillman
Contact Email: Not reported
Contact Mail Address: 5675 Arkwright Road
Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

Contact:
Year: Not reported
Contact ID: CTTR20081ZV75T005J40
Contact Title: Owner/Operator
Contact First Name: Not reported
Contact Last Name: Southern Natural Gas Company
Contact Email: Not reported
Contact Mail Address: 569 Brookwood Village , Suite 501
Contact Mail City,St,Zip: Birmingham, AL 35209
Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

Facility Info:
Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210
Facility ID Last Modified: 2/25/2009
ID: NAICS

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/16/2006
ID: Dun & Bradstreet

Contact:
Year: Not reported
Contact ID: CTTR20082019JA007J84
Contact Title: Technician
Contact First Name: Randy
Contact Last Name: Tillman
Contact Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Contact Mail Address: 5675 Arkwright Road
Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

Contact:

Year: Not reported
Contact ID: CTTR20081ZV75T005J40
Contact Title: Owner/Operator
Contact First Name: Not reported
Contact Last Name: Southern Natural Gas Company
Contact Email: Not reported
Contact Mail Address: 569 Brookwood Village , Suite 501
Contact Mail City,St,Zip: Birmingham, AL 35209
Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

Facility Info:

Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210
Facility ID Last Modified: 2/25/2009
ID: NAICS

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/16/2006
ID: Dun & Bradstreet

Contact:

Year: Not reported
Contact ID: CTTR20082019JA007J84
Contact Title: Technician
Contact First Name: Randy
Contact Last Name: Tillman
Contact Email: Not reported
Contact Mail Address: 5675 Arkwright Road
Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

Contact:

Year: Not reported
Contact ID: CTTR20081ZV75T005J40
Contact Title: Owner/Operator
Contact First Name: Not reported
Contact Last Name: Southern Natural Gas Company
Contact Email: Not reported
Contact Mail Address: 569 Brookwood Village , Suite 501
Contact Mail City,St,Zip: Birmingham, AL 35209
Contact Mail Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

Facility Info:

Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210
Facility ID Last Modified: 2/25/2009
ID: NAICS

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/16/2006
ID: Dun & Bradstreet

Contact:

Year: Not reported
Contact ID: CTTR20082019JA007J84
Contact Title: Technician
Contact First Name: Randy
Contact Last Name: Tillman
Contact Email: Not reported
Contact Mail Address: 5675 Arkwright Road
Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

Contact:

Year: Not reported
Contact ID: CTTR20081ZV75T005J40
Contact Title: Owner/Operator
Contact First Name: Not reported
Contact Last Name: Southern Natural Gas Company
Contact Email: Not reported
Contact Mail Address: 569 Brookwood Village , Suite 501
Contact Mail City,St,Zip: Birmingham, AL 35209
Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

Facility Info:

Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210
Facility ID Last Modified: 2/25/2009
ID: NAICS

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/16/2006
ID: Dun & Bradstreet

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Contact:

Year: Not reported
Contact ID: CTTR20082019JA007J84
Contact Title: Technician
Contact First Name: Randy
Contact Last Name: Tillman
Contact Email: Not reported
Contact Mail Address: 5675 Arkwright Road
Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

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Contact First Name: Not reported
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Contact Email: Not reported
Contact Mail Address: 569 Brookwood Village , Suite 501
Contact Mail City,St,Zip: Birmingham, AL 35209
Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

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Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210
Facility ID Last Modified: 2/25/2009
ID: NAICS

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/16/2006
ID: Dun & Bradstreet

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Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

Contact:

Year: Not reported
Contact ID: CTTR20081ZV75T005J40

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Contact Title: Owner/Operator
Contact First Name: Not reported
Contact Last Name: Southern Natural Gas Company
Contact Email: Not reported
Contact Mail Address: 569 Brookwood Village , Suite 501
Contact Mail City,St,Zip: Birmingham, AL 35209
Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

Facility Info:

Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210
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Year: Not reported
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Contact First Name: Randy
Contact Last Name: Tillman
Contact Email: Not reported
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Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
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Year: Not reported
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Contact Title: Owner/Operator
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Contact Last Name: Southern Natural Gas Company
Contact Email: Not reported
Contact Mail Address: 569 Brookwood Village , Suite 501
Contact Mail City,St,Zip: Birmingham, AL 35209
Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

Facility Info:

Year: Not reported
Facility ID Description: NATURAL GAS TRANSMISSION
Facility ID Type: 486210
Facility ID Last Modified: 2/25/2009
ID: NAICS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/16/2006
ID: Dun & Bradstreet

Contact:
Year: Not reported
Contact ID: CTTR20082019JA007J84
Contact Title: Technician
Contact First Name: Randy
Contact Last Name: Tillman
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Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

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Year: Not reported
Contact ID: CTTR20081ZV75T005J40
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Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

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Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

Contact:
Year: Not reported
Contact ID: CTTR20081ZV75T005J40
Contact Title: Owner/Operator
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Contact Last Name: Southern Natural Gas Company
Contact Email: Not reported
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Year: Not reported
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ID: NAICS

Year: Not reported
Facility ID Description: Not reported
Facility ID Type: Not reported
Facility ID Last Modified: 2/16/2006
ID: Dun & Bradstreet

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Year: Not reported
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Contact Title: Technician
Contact First Name: Randy
Contact Last Name: Tillman
Contact Email: Not reported
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Contact Mail City,St,Zip: Macon, GA 31210
Contact Mail Country: USA
Contact Type: Emergency Contact
Contact Type: Emergency Contact
Contact Modification Date: 2/25/2009

Contact:
Year: Not reported
Contact ID: CTTR20081ZV75T005J40
Contact Title: Owner/Operator
Contact First Name: Not reported
Contact Last Name: Southern Natural Gas Company
Contact Email: Not reported
Contact Mail Address: 569 Brookwood Village , Suite 501
Contact Mail City,St,Zip: Birmingham, AL 35209
Contact Mail Country: USA
Contact Type: Owner / Operator
Contact Modification Date: 2/25/2009

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN NATURAL GAS - BASS JUNCTION ODORIZER (Continued)

S107771947

Facility Info:

Year: Not reported
 Facility ID Description: NATURAL GAS TRANSMISSION
 Facility ID Type: 486210
 Facility ID Last Modified: 2/25/2009
 ID: NAICS

Year: Not reported
 Facility ID Description: Not reported
 Facility ID Type: Not reported
 Facility ID Last Modified: 2/16/2006
 ID: Dun & Bradstreet

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Year: Not reported
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 Contact First Name: Randy
 Contact Last Name: Tillman
 Contact Email: Not reported
 Contact Mail Address: 5675 Arkwright Road
 Contact Mail City,St,Zip: Macon, GA 31210
 Contact Mail Country: USA
 Contact Type: Emergency Contact
 Contact Type: Emergency Contact
 Contact Modification Date: 2/25/2009

Contact:

Year: Not reported
 Contact ID: CTTR20081ZV75T005J40
 Contact Title: Owner/Operator
 Contact First Name: Not reported
 Contact Last Name: Southern Natural Gas Company
 Contact Email: Not reported
 Contact Mail Address: 569 Brookwood Village , Suite 501
 Contact Mail City,St,Zip: Birmingham, AL 35209
 Contact Mail Country: USA
 Contact Type: Owner / Operator
 Contact Modification Date: 2/25/2009

AO198
West
> 1
1.399 mi.
7387 ft.

SOUTHERN NATURAL GAS 16 BASS MS
1604 BASS RD
MACON, GA 31210

RCRA NonGen / NLR
FINDS
ECHO

1004688531
GAR000027615

Site 7 of 11 in cluster AO

Relative:
Higher
Actual:
405 ft.

RCRA NonGen / NLR:
 Date Form Received by Agency: 20010823
 Handler Name: SOUTHERN NATURAL GAS 16 BASS MS
 Handler Address: 1604 BASS RD
 Handler City,State,Zip: MACON, GA 31210
 EPA ID: GAR000027615
 Contact Name: CHRIS WILLIAMS
 Contact Address: P.O. BOX 18066
 Contact City,State,Zip: MACON, GA 31209
 Contact Telephone: 912-477-1221
 Contact Fax: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN NATURAL GAS 16 BASS MS (Continued)

1004688531

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P.O. BOX 18066
Mailing City, State, Zip:	MACON, GA 31209
Owner Name:	SOUTHERN NATURAL GAS COMPANY
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN NATURAL GAS 16 BASS MS (Continued)

1004688531

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20010924
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D009
Waste Description:	MERCURY

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTHERN NATURAL GAS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 2563
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35202-2563
Owner/Operator Telephone:	205-325-7410
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20010516
Handler Name:	SOUTHERN NATURAL GAS 16 BASS MS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20010823
Handler Name:	SOUTHERN NATURAL GAS 16 BASS MS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN NATURAL GAS 16 BASS MS (Continued)

1004688531

Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

FINDS:
 Registry ID: 110006547111

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
 Envid: 1004688531
 Registry ID: 110006547111
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006547111>
 Name: SOUTHERN NATURAL GAS 16 BASS MS
 Address: 1604 BASS RD
 City,State,Zip: MACON, GA 31210

AO199
West
> 1
1.399 mi.
7387 ft.

BASS JUNCTION ODORIZER
1604 BASS ROAD
MACON, GA 31210
Site 8 of 11 in cluster AO

TIER 2 **S117049304**
N/A

Relative:
Higher
Actual:
405 ft.

GA TIER 2:
 Reporting Year: 2013
 Facility ID: 4483709
 Facility Country: Not reported
 Company Name: Southern Natural Gas
 Date Submitted: Not reported
 Filing Type: Not reported
 SIC Code: Not reported
 NAICS Code: Not reported
 Dun&Bradstreet Code: Not reported
 Chemicals Same as Last Year: Not reported
 Data Tier 2 Signed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASS JUNCTION ODORIZER (Continued)

S117049304

Dikes/Saveguard Measures: Not reported
Facility Department: Not reported
Facility Date Modified: 02/03/2014
State Fees Total: Not reported
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Mailing Country: Not reported
Latitude: 32.927190
Longitude: -83.732691
Lat/Long Location Desc: Not reported
Lat/Long Method: Not reported
Number Employees on Site: Not reported
Site Coordinate Abbrvtns Sbmtd: Not reported
Fire District: Not reported
Notes: Not reported
Validity: Not reported
Contact 1: Joel Mittendorf
Contact Type 1: Emergency Contact
Contact Email 1: joel_mittendorf@kindermorgan.com
Contact 1 Telephone1: 770-468-6046
Contact 1 Telephone2: 800-252-5360
Contact 1 Phone3: Not reported
Contact Name 2: Thomas Bach
Contact Type 2: Owner / Operator
Contact Email 2: Thomas_Bach@kindermorgan.com
Contact 2 Telephone1: 303-914-7842
Contact 2 Telephone2: 800-252-5960
Contact Name 3: Scotty Moates
Contact Type 3: Tier II Information Contact
Contact Email 3: scotty_moates@kindermorgan.com
Contact 3 Telephone1: 205.325.7515
Contact 3 Telephone2: Not reported
Contact 3 Telephone3: Not reported
Contact Name 4: Not reported
Contact Type 4: Not reported
Contact Email 4: Not reported
Contact 4 Telephone1: Not reported
Contact 4 Telephone2: Not reported
Contact Name 5: Not reported
Contact Type 5: Not reported
Contact Email 5: Not reported
Contact 5 Telephone1: Not reported
Contact 5 Telephone2: Not reported
Contact 5 Telephone3: Not reported

Inventory:

Facility Id: 4483709
Year: 2013
Chemical Inventory ID: Not reported
Acute Health Risks: True
Average Daily Amount: 6740.0
Average Daily Amount Code: Not reported
CB Record ID: Not reported
Chemical Same as Last Year: Not reported
Chronic Health Risk: False
CAS Number: 75661
EHS Substance: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BASS JUNCTION ODORIZER (Continued)

S117049304

Last Modified:	Not reported
Days on Site:	Not reported
Chemical Name:	Mercaptan Blend
Fire Hazard:	True
Gas:	False
Liquid:	True
Max Daily Amount:	13480.0
Max Daily Amount Code:	Not reported
Max Amount in Largest Container:	Not reported
Mixture Form:	True
Sudden Release of Pressure Hazard:	False
Pure Form:	False
Reactive Hazard:	False
Solid:	False
Facility Name:	Bass Junction Odorizer
Contact Info:	Joel Mittendorf
Contact Type:	Emergency Contact
Email:	joel_mittendorf@kindermorgan.com
Phone1:	770-468-6046
Phone2:	800-252-5360
Phone3:	Not reported
Phone4:	Not reported
Phone5:	Not reported
Hazardous 1 least hazardous/4 most hazardous:	2
Flammable 1 least flammable/4 most flammable:	3
Reactive 1 least reactive/4 very reactive:	0
Any characteristic over/above H F and R category:	-

AR200
South
> 1
1.410 mi.
7446 ft.

CVS PHARMACY #4545
1615 FOREST HILL ROAD
MACON, GA 31210
Site 1 of 23 in cluster AR

RCRA-VSQG 1014952204
GAR000064899

Relative:
Higher
Actual:
437 ft.

RCRA-VSQG:	
Date Form Received by Agency:	20200226
Handler Name:	CVS PHARMACY #4545
Handler Address:	1615 FOREST HILL ROAD
Handler City,State,Zip:	MACON, GA 31210
EPA ID:	GAR000064899
Contact Name:	NICOLE WILKINSON
Contact Address:	CVS DR MC2340
Contact City,State,Zip:	WOONSOCKET, RI 02895
Contact Telephone:	401-770-7132
Contact Fax:	Not reported
Contact Email:	NICOLE.WILKINSON@CVSHEALTH.COM
Contact Title:	DIRECTOR, CORPORATE ENVIRONMENTAL
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2019
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	CVS DR MC2340
Mailing City,State,Zip:	WOONSOCKET, RI 02895

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CVS PHARMACY #4545 (Continued)

1014952204

Owner Name:	GEORGIA CVS PHARMACY, L.L.C.
Owner Type:	Private
Operator Name:	GEORGIA CVS PHARMACY, L.L.C.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200806
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #4545 (Continued)

1014952204

Manifest Broker: No
Sub-Part P Indicator: H

Biennial: List of Years

Year: 2019

[Click Here for Biennial Reporting System Data:](#)

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2015

[Click Here for Biennial Reporting System Data:](#)

Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P042
Waste Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P081

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #4545 (Continued)

1014952204

Waste Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)
Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code: U165
Waste Description: NAPHTHALENE
Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: GEORGIA CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20041222
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DRIVE
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GEORGIA CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20050313
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: GEORGIA CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20050313
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GEORGIA CVS PHARMACY LLC

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #4545 (Continued)

1014952204

Legal Status:	Private
Date Became Current:	20041222
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEORGIA CVS PHARMACY, L.L.C.
Legal Status:	Private
Date Became Current:	20041222
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEORGIA CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	20041222
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GEORGIA CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	20050313
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	GA
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEORGIA CVS PHARMACY, L.L.C.
Legal Status:	Private
Date Became Current:	20041222
Date Ended Current:	Not reported
Owner/Operator Address:	1 CVS DRIVE
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #4545 (Continued)

1014952204

Owner/Operator Indicator: Operator
Owner/Operator Name: GEORGIA CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20050313
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: GEORGIA CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20050313
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GEORGIA CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20041222
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GEORGIA CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20050313
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: GA
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20140325
Handler Name: CVS PHARMACY #4545
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #4545 (Continued)

1014952204

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20160524
Handler Name:	CVS PHARMACY #4545
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20180206
Handler Name:	CVS PHARMACY #4545
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20200226
Handler Name:	CVS PHARMACY #4545
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20120323
Handler Name:	CVS PHARMACY #4545
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #4545 (Continued)

1014952204

Receive Date: 20130206
Handler Name: CVS PHARMACY #4545
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44611
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 446110
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 812922
NAICS Description: ONE-HOUR PHOTOFINISHING

Facility Has Received Notices of Violation:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #4545 (Continued)

1014952204

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #4545 (Continued)

1014952204

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined:	20151120
Actual Return to Compliance Date:	20160203
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20160215
Enforcement Identifier:	001
Date of Enforcement Action:	20160114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	GAMTZ
Enforcement Responsible Sub-Organization:	GCU
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #4545 (Continued)

1014952204

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20140401
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: GANDP
Evaluation Responsible Sub-Organization: GCU
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #4545 (Continued)

1014952204

Evaluation Date: 20160401
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: GAMTZ
Evaluation Responsible Sub-Organization: GCU
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180301
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: DOD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20151120
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: GAMTZ
Evaluation Responsible Sub-Organization: GCU
Actual Return to Compliance Date: 20160203
Scheduled Compliance Date: 20160215
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20200302
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: DOD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AR201
South
> 1
1.410 mi.
7446 ft.

CVS PHARMACY #4545
1615 FOREST HILL RD.
MACON, GA 31210

Site 2 of 23 in cluster AR

FINDS 1015918374
ECHO N/A

Relative:
Higher

Actual:
437 ft.

FINDS:
Registry ID: 110045538717

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1015918374
Registry ID: 110045538717
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110045538717>
Name: CVS PHARMACY #4545
Address: 1615 FOREST HILL RD.
City,State,Zip: MACON, GA 31210

AS202
SSE
> 1
1.415 mi.
7472 ft.

ARCHER WESTERN CONTRACTORS LTD
INFIELD BETWEEN I-475 & I-75
MACON, GA 31216

Site 1 of 2 in cluster AS

FINDS 1010019539
ECHO N/A

Relative:
Lower

Actual:
361 ft.

FINDS:
Registry ID: 110028006262

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR SYNTHETIC MINOR

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1010019539
Registry ID: 110028006262

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ARCHER WESTERN CONTRACTORS LTD (Continued)

1010019539

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110028006262>
 Name: ARCHER WESTERN CONTRACTORS LTD
 Address: INFIELD BETWEEN I-475 & I-75
 City,State,Zip: MACON, GA 31216

AS203
SSE
 > 1
 1.415 mi.
 7472 ft.

ARCHER WESTERN CONTRACTORS LTD
STATEWIDE PERMIT
N/A, GA 0
Site 2 of 2 in cluster AS

AIRS S121797509
N/A

Relative:
Lower
Actual:
361 ft.

AIRS:
 Name: ARCHER WESTERN CONTRACTORS LTD
 Address: STATEWIDE PERMIT
 City,State,Zip: N/A, GA 0
 Record Type: Not reported
 State County FIPS: Not reported
 State Facility Id: 77700108
 Facility Registry Id: Not reported
 Facility Category: Not reported
 Oris Facility code: Not reported
 SIC Primary: 3273
 NAICS Primary: Not reported
 Dun&Bradstreet Number: Not reported
 Tri Id number: Not reported
 NTI Site id: Not reported
 Facility County: Not reported
 Site Description: Ready mix concrete plant
 Submittal Flag: Not reported
 Tribal Code: Not reported
 AIRS Number: 777-00108
 Operational Status: O
 SIC Code: Not reported
 Contact Name: Brian Woods
 Contact Company: Not reported
 Contact Telephone: 404-495-8700
 Contact Fax: Not reported
 Contact Email: N/A
 Contact Address: 3715 Northside Pkwy,NW,Bldg 100,Suite 550
 Contact Address 2: Not reported
 Contact City,St,Zip: Atlanta, GA 30327
 Year: 2020
 Classification: PR
 Contact Type: Permit Contact
 Permit Number: 3273-777-0108-R-01-0
 Issued Date: 2007-02-07 00:00:00
 Latitude: 32.90282
 Longitude: -83.68662

Control Device Information:
 Year: Not reported
 Record Type: Not reported
 State County Fips: Not reported
 State Facility Identifier: Not reported
 Emission Unit ID: Not reported
 Process ID: Not reported
 Pollutant Code: Not reported
 Primary Pct control Efficiency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCHER WESTERN CONTRACTORS LTD (Continued)

S121797509

Pct Capture Efficiency:	Not reported
Total Capture Control Efficiency:	Not reported
Primary Device Type Code:	Not reported
Secondary Device Type Code:	Not reported
Control System Description:	Not reported
Third Control Device Type Code:	Not reported
Fourth Control Device Type Code:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Airs Emissions:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Process Id:	Not reported
Pollutant Code:	Not reported
Emission Release Point ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Emission Numeric Value:	Not reported
Emission Unit Numerator:	Not reported
Emission Type:	Not reported
Em Reliability Indicator:	Not reported
Factor Numeric Value:	Not reported
Factor Unit Numerator:	Not reported
Factor Unit Denominator:	Not reported
Material:	Not reported
Material Io:	Not reported
Emission Calculation Method Code:	Not reported
Ef Reliability Indicator:	Not reported
Rule Effectiveness:	Not reported
Rule Effectiveness Method:	Not reported
Hap Emissions Performance Level:	Not reported
Control Status:	Not reported
Emission Data Level:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported

Airs EP:

Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Emission Release Point ID:	Not reported
Process ID:	Not reported
Scn Number:	Not reported
Process Mact Code:	Not reported
Emission Process Description:	Not reported
Winter Throughput Pct:	Not reported
Spring Throughput Pct:	Not reported
Summer Throughput Pct:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCHER WESTERN CONTRACTORS LTD (Continued)

S121797509

Fall Throughput Pct:	Not reported
Annual Average Days Per Week:	Not reported
Annual Average Weeks Per Year:	Not reported
Annual Average Hours Per Day:	Not reported
Annual Average Hours Per Year:	Not reported
Heat Content:	Not reported
Sulfur Content:	Not reported
Ash Content:	Not reported
Process Mact compliance Status:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Emission Release Points:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Release Point ID:	Not reported
Emission Release Point Type:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Fenceline Distance:	Not reported
Exit Gas Temperature:	Not reported
Exit Gas Velocity:	Not reported
Exit Gas Flowrate:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Utm Zone:	Not reported
X Y coordinate Type:	Not reported
Horizontal Area Fugitive:	Not reported
Release Height Fugitive:	Not reported
Fugitive Dimensions Unit:	Not reported
Emission Release Point Description:	Not reported
Submittal Flag:	Not reported
Horizontal Collection method Code:	Not reported
Horizontal Accuracy Measure:	Not reported
Horizontal Reference datum Code:	Not reported
Reference Point Code:	Not reported
Source Map scale Number:	Not reported
Coordinate Data source Code:	Not reported
Tribal Code:	Not reported
Airs EU:	
Year:	Not reported
Record Type:	Not reported
State County Fips:	Not reported
State Facility Identifier:	Not reported
Emission Unit ID:	Not reported
Oris Boiler ID:	Not reported
Sic Unit Level:	Not reported
Naics Unit Level:	Not reported
Design Capacity:	Not reported
Design Capacity Unit Numerator:	Not reported
Design Capacity Unit Denominator:	Not reported
Max Nameplate Capacity:	Not reported
Emission Unit Description:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCHER WESTERN CONTRACTORS LTD (Continued)

S121797509

Submittal Flag:	Not reported
Tribal Code:	Not reported
Process Annual Throughput:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
State Facility identifier:	Not reported
Emission Unit id:	Not reported
Process ID:	Not reported
Start Date:	Not reported
End Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Actual Throughput:	Not reported
Throughput Unit numerator:	Not reported
Material:	Not reported
Material lo:	Not reported
Period Days per week:	Not reported
Period Weeks per period:	Not reported
Period Hours per day:	Not reported
Period Hours per period:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
Transaction Table:	
Year:	Not reported
Record Type:	Not reported
State County fips:	Not reported
Organization Name:	Not reported
Transaction Type:	Not reported
Inventory Year:	Not reported
Inventory Type code:	Not reported
Transaction Create date:	Not reported
Incremental Submission number:	Not reported
Reliability Indicator:	Not reported
Transaction Comments:	Not reported
Contact Person name:	Not reported
Contact Phone number:	Not reported
Telephone Number type name:	Not reported
Electronic Address text:	Not reported
Electronic Address type name:	Not reported
Source Type:	Not reported
Affiliation Type:	Not reported
Format Version:	Not reported
Tribal Code:	Not reported

MAP FINDINGS

Map ID Direction Distance Elevation		Database(s)	EDR ID Number EPA ID Number
	Site		

AR204 South > 1 1.436 mi. 7584 ft.	CIRCLE K MACON (NORTHSIDE) 4001 NORTHSIDE DRIVE MACON, GA 31210 Site 3 of 23 in cluster AR	FINDS ECHO	1023660203 N/A
---	---	-----------------------------	---------------------------------

Relative: FINDS:
Higher Registry ID: 110070074314

Actual: Click Here:
442 ft.

Environmental Interest/Information System:
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
 Envid: 1023660203
 Registry ID: 110070074314
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070074314>
 Name: CIRCLE K MACON (NORTHSIDE)
 Address: 4001 NORTHSIDE DRIVE
 City,State,Zip: MACON, GA 31210

AR205 South > 1 1.436 mi. 7584 ft.	CIRCLE K 2706771 4001 NORTHSIDE DR MACON, GA Site 4 of 23 in cluster AR	UST Financial Assurance	U004282031 N/A
---	--	--	---------------------------------

Relative: UST:
Higher Name: CIRCLE K 2706771
Actual: Address: 4001 NORTHSIDE DR
442 ft. City,State,Zip: MACON, GA

Contact:
 LEMIR ID: 329640
 Facility ID: 10002713
 Facility Status: Active
 Location Status: Active
 Contact First Name: Jessica
 Contact Last Name: Barnwell
 Contact Email: jbarnwel@circlek.com
 Company Name: Circle K Stores Inc
 Mailing Address: 1100 Situs Court
 Mailing City: Raleigh
 Mailing State: NC
 Mailing Zip: 27606
 Start Date: 2018-09-17 14:28:34
 End Date: Not reported
 Contact Telephone: 919 7746700

LEMIR ID: 329640

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2706771 (Continued)

U004282031

Facility ID: 10002713
Facility Status: Active
Location Status: Active
Contact First Name: Pamela
Contact Last Name: Spencer
Contact Email: pspence@circlek.com
Company Name: Circle K Stores Inc.
Mailing Address: 2550 W. Tyvola Rd. #200
Mailing City: charlotte
Mailing State: NC
Mailing Zip: 28217
Start Date: Not reported
End Date: Not reported
Contact Telephone: 704 5835728

LEMIR ID: 329640
Facility ID: 10002713
Facility Status: Active
Location Status: Active
Contact First Name: Ramon
Contact Last Name: Inciong
Contact Email: rinciong@circlek.com
Company Name: Circle k Inc
Mailing Address: 1100 Situs Court,
Mailing City: Raleigh
Mailing State: NC
Mailing Zip: 27606
Start Date: 2018-12-19 14:01:01
End Date: Not reported
Contact Telephone: 386 9166267

Tank Info:

Tankid: 1
Name: CIRCLE K 2706771
Address: 4001 NORTHSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 07/18/2017
Facility ID: 10002713
Status Date: Not reported
Product: Regular
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: Not reported
Tank Exempt From Spill: 0
Date Spill Device Installed: Not reported

Tankid: 2
Name: CIRCLE K 2706771
Address: 4001 NORTHSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2706771 (Continued)

U004282031

Overfill Type: Flapper Valve
Install Date: 07/18/2017
Facility ID: 10002713
Status Date: Not reported
Product: Premium
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 07/18/2017
Tank Exempt From Spill: 0
Date Spill Device Installed: 07/18/2017

Tankid: 3
Name: CIRCLE K 2706771
Address: 4001 NORTHSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 07/18/2017
Facility ID: 10002713
Status Date: Not reported
Product: Diesel
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 07/18/2017
Tank Exempt From Spill: 0
Date Spill Device Installed: 07/18/2017

Tankid: 4
Name: CIRCLE K 2706771
Address: 4001 NORTHSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 07/18/2017
Facility ID: 10002713
Status Date: Not reported
Product: E-0
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 07/18/2017
Tank Exempt From Spill: 0
Date Spill Device Installed: 07/18/2017

Tankid: 5
Name: CIRCLE K 2706771
Address: 4001 NORTHSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 07/18/2017
Facility ID: 10002713

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2706771 (Continued)

U004282031

Status Date: Not reported
Product: Regular
Pipe Material: Double-Walled Fiberglass
Overfill Protection: 0
Overfill Installed: 07/18/2017
Tank Exempt From Spill: 0
Date Spill Device Installed: 07/18/2017

GA Financial Assurance 1:

Name: CIRCLE K #27606771
Address: 4001 NORTHSIDE DR
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 10002713
Financial Responsibility: Guarantee
Location Start Date: 09/29/2017
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

AT206
SSE
> 1
1.441 mi.
7610 ft.

**PINNACLE REALTY
116 RIVERSIDE PARKWAY, SUITE 7
MACON, GA 31210**

**FINDS 1010169114
N/A**

Site 1 of 8 in cluster AT

Relative: FINDS:
Lower Registry ID: 110030464245

Actual:
353 ft.
Click Here:

Environmental Interest/Information System:

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AU207
South
> 1
1.446 mi.
7634 ft.

WARNER ROBINS SUPPLY OF MACON
3972 NORTHSIDE DRIVE
MACON, GA 31210

AST A100327837
N/A

Site 1 of 4 in cluster AU

Relative:
Higher
Actual:
421 ft.

AST:
Name: HOMEWORKS
Address: 3972 NORTHSIDE DRIVE
City,State,Zip: MACON, GA 31710
Owner Name: Walthall Oil Company
Owner Address: P.O. Box C, Allen Road
Owner City/State/Zip: Macon GA 31206
Number Of Tanks: 3
Tank Capacity: 0
File No: Not reported

Name: WARNER ROBINS SUPPLY OF MACON
Address: 3972 NORTHSIDE DRIVE
City,State,Zip: MACON, GA 31210
Owner Name: Titan Propane LLC
Owner Address: P.O. Box 7000
Owner City/State/Zip: Lebanon MO 65536
Number Of Tanks: 1
Tank Capacity: 500
File No: Not reported

AO208
West
> 1
1.447 mi.
7639 ft.

FLASH FOODS
1600 BASS RD
MACON, GA

SPILLS S112258425
N/A

Site 9 of 11 in cluster AO

Relative:
Higher
Actual:
406 ft.

SPILLS:
Name: FLASH FOODS
Address: 1600 BASS RD
City,State,Zip: MACON, GA
CTS Number: 69830
Spill Number: Not reported
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: Not reported
Spill Time: Not reported
Incident Type: Not reported
Material Involved: Not reported
Quantity: Not reported
Phase: Not reported
Radioactive: Not reported
Material 2: Not reported
Quantity 2: Not reported
Phase 2: Not reported
Radioactive 2: Not reported
Waterway Impctd: Not reported
Evacuation: Not reported
Caller: Corey Maddock
Organization: Not reported
Org Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLASH FOODS (Continued)

S112258425

Primary Concern:	GFS
Associate Name:	master-pcbert
Investigation Date:	12/03/2012
Resolved:	Y
Closure Date:	12/04/2012
Ten Days Follow Up:	N
Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	12/03/2012
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Flash Foods 1600 Bass Rd.
Comments 4:	Not reported
Source:	FLASH FOODS
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Gasoline fuel spill
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Gasoline fuel spill
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLASH FOODS (Continued)

S112258425

Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported
Comp City:	Not reported
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	Not reported
Assign Date:	Not reported
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Not reported
Active:	Not reported
Facility ID:	Not reported
Approved Date:	Not reported
Facility Status:	Not reported
Name:	FLASH FOODS
Address:	1600 BASS RD
City,State,Zip:	MACON, GA
CTS Number:	69830
Spill Number:	Not reported
UN Number:	Not reported
UN Number2:	Not reported
Report Number:	Not reported
Report Date:	Not reported
Report Time:	Not reported
Spill Date:	Not reported
Spill Time:	Not reported
Incident Type:	Not reported
Material Involved:	Not reported
Quantity:	Not reported
Phase:	Not reported
Radioactive:	Not reported
Material 2:	Not reported
Quantity 2:	Not reported
Phase 2:	Not reported
Radioactive 2:	Not reported
Waterway Impctd:	Not reported
Evacuation:	Not reported
Caller:	Corey Maddock
Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	GFS
Associate Name:	master-pcbert
Investigation Date:	12/03/2012
Resolved:	Y
Closure Date:	12/04/2012
Ten Days Follow Up:	N
Transferred Record:	Not reported
Fire:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLASH FOODS (Continued)

S112258425

Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	12/03/2012
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Flash Foods 1600 Bass Rd.
Comments 4:	Not reported
Source:	FLASH FOODS
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Gasoline fuel spill
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Gasoline fuel spill
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLASH FOODS (Continued)

S112258425

Comp City: Not reported
Branch: Not reported
BDesc: Not reported
Program: Not reported
Prog Desc: Not reported
Accept Date: Not reported
Assign Date: Not reported
FUI Need: Not reported
Refer 2: Not reported
Contact: Not reported
Active: Not reported
Facility ID: Not reported
Approved Date: Not reported
Facility Status: Not reported

AO209
West
> 1
1.447 mi.
7639 ft.

1600 BASS RD.
MACON, GA
Site 10 of 11 in cluster AO

ERNS 2012032140
N/A

Relative:
Higher
Actual:
406 ft.

Incident Commons:
NRC Report #: 1032140
Description of Incident: THE CALLER IS REPORTING A DISCHARGE OF GASOLINE ONTO THE CONCRETE. THE CALLER STATED THAT A FAULTY PUMP AT A LOCAL GAS STATION LEAD TO THE DISCHARGE. THE CALLER STATED THAT THERE HAVE BEEN SEVERAL SPILLS AT THE GAS STATION FROM THE FAULTY PUMP.
Type of Incident: FIXED
Incident Cause: EQUIPMENT FAILURE
Incident Date Time: 2012-11-30 20:30:00
Incident DTG: OCCURRED
Incident Location: Not reported
Loaction Address: 1600 BASS RD.
Location Street 1: Not reported
Location Street 2: Not reported
Location Nearest City: MACON
Location State: GA
Location County: BIBB
Location Zip: Not reported
Distance From City: Not reported
Distance Units: Not reported
Direction From City: Not reported
Lat Deg: Not reported
Lat Min: Not reported
Lat Sec: Not reported
Lat Quad: Not reported
Long Deg: Not reported
Long Min: Not reported
Long Sec: Not reported
Long Quad: Not reported
Location Section: Not reported
Location Township: Not reported
Location range: Not reported
Potential Range: N
Incidents:
NRC Report #: 1032140
Aircraft Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2012032140

Aircraft Model:	Not reported
Aircraft ID:	Not reported
Aircraft Fuel Capacity:	Not reported
Aircraft Fuel Capacity Units:	Not reported
Aircraft Fuel on Board:	Not reported
Aircraft Fuel on Board Units:	Not reported
Aircraft Spot Number:	Not reported
Aircraft Hanger:	Not reported
Aircraft Runway Number:	Not reported
Road Mile Marker:	Not reported
Building ID:	Not reported
Type of Fixed Object:	GAS STATION
Power Generating Facility:	N
Generating Capacity:	Not reported
Type of Fuel:	Not reported
NPDES:	Not reported
NPDES Compliance:	U
Pipeline Type:	Not reported
DOT Regulated:	U
Pipeline Above Ground:	ABOVE
Exposed Underwater:	N
Pipeline Covered:	U
Railroad Hotline:	Not reported
Grade Crossing:	U
Location Subdivision:	Not reported
Railroad Milepost:	Not reported
Type Vehicle Involved:	Not reported
Crossing Device Type:	Not reported
Device Operational:	U
DOT Crossing Number:	Not reported
Brake Failure:	U
Description of Tank:	Not reported
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	Not reported
Tank ID:	Not reported
Capacity of Tank:	Not reported
Capacity of Tank Units:	Not reported
Actual Amount:	Not reported
Actual Amount Units:	Not reported
Platform Rig Name:	Not reported
Platform Letter:	Not reported
Location Area ID:	Not reported
Location Block ID:	Not reported
OCSG Number:	Not reported
OCSF Number:	Not reported
State Lease Number:	Not reported
Pier Dock Number:	Not reported
Berth Slip Number:	Not reported
Continuous Release Type:	Not reported
Initial Continuous Release No:	Not reported
Continuous Release Permit:	Not reported
Allision:	U
Type of Structure:	Not reported
Structure Name:	Not reported
Structure Operational:	U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2012032140

Airbag Deployed: U
Date Tiem Normal Service: Not reported
Service Disruption Time: Not reported
Service Disruption Units: Not reported
Transit Bus Flag: Not reported
CR Begin Date: Not reported
CR End Date: Not reported
CR Change Date: Not reported
FBI Contact: Not reported
FBI Contact Date Time: Not reported
Sub Part C Testing Req: XXX
Conductor Testing: Not reported
Engineer Testing: Not reported
Trainman Testing: Not reported
Yard Foreman Testing: Not reported
RCL Operator Testing: Not reported
Brakeman Testing: Not reported
Train Dispatcher Testing: Not reported
Signalman Testing: Not reported
Other Employee Testing: Not reported
Unknown Testing: Not reported
Passenger Handling: Not reported
Passenger Route: XXX
Passenger Delay: XXX

Incident Details:

NRC Report #: 1032140
Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
Number Evacuated: Not reported
Who Evacuated: Not reported
Radius of Evacuation: Not reported
Any Injuries: N
Number Injured: Not reported
Number Hospitalized: Not reported
Any Fatalities: N
Number Fatalities: Not reported
Any Damages: N
Damage Amount: Not reported
Air Corridor Closed: N
Air Corridor Desc: Not reported
Air Closure Time: Not reported
Waterway Closed: N
Waterway Desc: Not reported
Waterway Closure Time: Not reported
Road Closed: N
Road Desc: Not reported
Road Closure Time: Not reported
Closure Direction: Not reported
Major Artery: N
Track Closed: N
Track Desc: Not reported
Track Closure Time: Not reported
Media Interest: NONE
Medium Desc: OTHER
Additional Medium Info: CONCRETE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2012032140

Body of Water: Not reported
Tributary of: Not reported
Release Secured: U
Estimated Duration of Release: Not reported
Release rate: Not reported
Desc Remedial Action: THE CALLER STATED THAT OIL DRY WAS USED ON THE SPILL.
State Agency on Scene: Not reported
State Agency Report Number: Not reported
Other Agency Notified: Not reported
Weather Conditions: CLEAR
Air Temperature: Not reported
Wind Speed: Not reported
Wind Direction: Not reported
Water Supply Contaminated: U
Sheen Size: Not reported
Sheen Color: Not reported
Direction of Sheen Travel: Not reported
Sheen Odor Description: Not reported
Wave Condition: Not reported
Current Speed: Not reported
Current Direction: Not reported
Water Temperature: Not reported
Track Close Dir: Not reported
Empl Fatality: Not reported
Pass Fatality: Not reported
Community Impact: Not reported
Wind Speed Unit: Not reported
Employee Injuries: Not reported
Passenger Injuries: Not reported
Occupant Fatality: Not reported
Current Speed Unit: Not reported
Road Closure Units: Not reported
Track Closure Units: Not reported
Sheen Size Units: Not reported
Additional Info: Not reported
State Agency Notified: Not reported
Federal Agency Notified: Not reported
nearest River Mile Marker: Not reported
Sheen Size Length: Not reported
Sheen Size Length Units: Not reported
Sheen Size Width: Not reported
Sheen Size Width Units: Not reported
Offshore: N
Duration Unit: Not reported
Release Rate Unit: Not reported
Release Rate Rate: Not reported
Passengers Transferred: NO

Calls:
NRC Report #: 1032140
Site ID: 20121032140
Date Time Received: 2012-12-03 10:53:59
Date Time Complete: 2012-12-03 11:02:15
Call Type: INC
Responsible Company: FLASH FOOD
Responsible Org Type: PRIVATE ENTERPRISE
Responsible City: MACON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2012032140

Responsible State: GA
Responsible Zip: Not reported
On Behalf: Not reported
Source: TELEPHONE

Material Involved:
NRC Report #: 1032140
Chris Code: GAS
Case Number: 000000-00-0
UN Number: Not reported
Amount of Material: 0
Unit of Measure: UNKNOWN AMOUNT
Name of Material: GASOLINE: AUTOMOTIVE (UNLEADED)
If Reached Water: UNKNOWN
Amount in Water: 0
Unit of Measure Reach Water: UNKNOWN AMOUNT

AO210
West
> 1
1.450 mi.
7654 ft.
Relative:
Higher
Actual:
409 ft.

NEW BURGER KING RESTAURANT
5441 BOWMAN ROAD
MACON, GA 00000
Site 11 of 11 in cluster AO

FINDS 1023660320
ECHO N/A

FINDS:
Registry ID: 110070074431

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1023660320
Registry ID: 110070074431
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070074431>
Name: NEW BURGER KING RESTAURANT
Address: 5441 BOWMAN ROAD
City,State,Zip: MACON, GA 00000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AU211
 South
 > 1
 1.455 mi.
 7680 ft.

SUDS EXPRESS CAR WASH
3950 NORTHSIDE DRIVE
MACON, GA 31210

FINDS 1024082065
ECHO N/A

Site 2 of 4 in cluster AU

Relative:
Higher

FINDS:
 Registry ID: 110070160827

Actual:
406 ft.

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024082065
 Registry ID: 110070160827
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070160827>
 Name: SUDS EXPRESS CAR WASH
 Address: 3950 NORTHSIDE DRIVE
 City,State,Zip: MACON, GA 31210

AU212
 South
 > 1
 1.455 mi.
 7680 ft.

SUDS EXPRESS CAR WASH
3950 NORTHSIDE DRIVE
MACON, GA 31210

NPDES S127172648
N/A

Site 3 of 4 in cluster AU

Relative:
Higher

NPDES:
 Name: SUDS EXPRESS CAR WASH
 Address: 3950 NORTHSIDE DRIVE
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR1539E1
 Facility Type Desc: Not reported
 Owner: Northside Suds Express LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2018
 Permit Action Status: Superseded
 Extension Date: Not reported
 Termination Date: 01/02/2019
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 01/03/2018
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported

Actual:
406 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUDS EXPRESS CAR WASH (Continued)

S127172648

Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: Northside Suds Express LLC
Postmarked Date: 1/17/2018
Issue Date: 9/24/2013
Permit Status: Terminated
Total Acres: 2.9
50 or More Acres Disturbed: N
Impaired Stream Segments: Not reported
TMDL Implementation Plans: Not reported
Common Development Name: Not reported
Active or Term: Terminated
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: Superseded

Name: SUDS EXPRESS CAR WASH
Address: 3950 NORTHSIDE DRIVE
City,State,Zip: MACON, GA 31210
Notice of Intent Num: GAR1539E1
Facility Type Desc: Not reported
Owner: Northside Suds Express LLC
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2023
Permit Action Status: No Longer In Effect
Extension Date: Not reported
Termination Date: 01/02/2019
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: 01/02/2019
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: Northside Suds Express LLC
Postmarked Date: 1/2/2019

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUDS EXPRESS CAR WASH (Continued)

S127172648

Issue Date:	8/1/2018
Permit Status:	Terminated
Total Acres:	2.9
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Terminated
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

AR213
South
> 1
1.456 mi.
7687 ft.

CHOICE CLEANERS D&Y CLEANING
4002 NORTHSIDE DR
MACON, GA 31210

EDR Hist Cleaner **1014929536**
N/A

Site 5 of 23 in cluster AR

Relative:
Higher

EDR Hist Cleaner

Actual:
437 ft.

Year:	Name:	Type:
1996	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
1997	CHOICE CLEANERS D&Y CLEANING	CLEANERS
1997	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
1998	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
1999	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2000	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2001	CHOICE CLEANERS DRYCLNG PLTS	CLEANERS
2001	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2002	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2003	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2004	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2005	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2006	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2007	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2008	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2009	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2010	CHOICE CLEANERS	Drycleaning Plants, Except Rugs
2011	CHOICE CLEANERS	Drycleaning Plants, Except Rugs

AU214
South
> 1
1.463 mi.
7723 ft.

AUTOBAHN DO IT YOURSELF GARAGES
3946 NORTHSIDE DR
MACON, GA 31210

EDR Hist Auto **1014930154**
N/A

Site 4 of 4 in cluster AU

Relative:
Higher

EDR Hist Auto

Actual:
403 ft.

Year:	Name:	Type:
1990	AUTO BOHN DRIVE THRU LUBE SERV	AUTOMOBILE OIL AND LUBRICATING SERVICE
2001	AUTOBAHN DO IT YOURSELF GARAGES	AUTOMOBILE REPAIRING & SERVICE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AR215 **CHOICE CLEANERS**
South **4010 NORTHSIDE DR # E**
> 1 **MACON, GA 31210**
1.465 mi.
7735 ft. **Site 6 of 23 in cluster AR**

DRYCLEANERS **S109505349**
N/A

Relative:
Higher

DRYCLN:

Actual:
446 ft.

Name: CHOICE CLEANERS
 Address: 4010 NORTHSIDE DR # E
 City,State,Zip: MACON, GA 31210-1692
 Contact Name: Robin Caur
 Phone Number: 478-474-7588
 Contact Name: Robin Caur
 MSA code: 4680
 MSA desc: MACON, GA
 CBSA code: 31420
 CBSA descr: MACON, GA
 Metro Micro Indicator: 2
 CSA code: 356
 Csa descr: MACON-WARNER ROBINS-FORT VALLEY, GA
 Census tract: 13402
 Census block group: 6
 Latitude: 32.899132999999999
 Longitude: -83.703655999999995
 Match level code: 0
 Secondary address: 4010 Northside Dr # E
 Secondary city: Macon
 Secondary state: GA
 Secondary zip10: 31210-1692
 Secondary carrier route code: C098
 Fax number: Not reported
 Toll free number: Not reported
 Web site: Not reported
 Selected SIC code: 721201
 Selected SIC desc: Cleaners
 Primary SIC code: 721201
 Primary SIC desc: Cleaners
 NAICS code: 81232002
 NAICS desc: Drycleaning & Laundry Svcs
 Location employment size code: A
 Location employment size desc: 2008-01-04 00:00:00
 Actual location employment size: 2
 Modeled employment size: A
 Location sales volume code: A
 Location sales volume desc: Less Than \$500,000
 Actual location sales volume: 120
 Corporate sales volume code: Not reported
 Corporate sales volume desc: Not reported
 Actual corporate sales volume: Not reported
 Asset size: S
 Name: Ms Robin Caur
 Title: Owner
 Ethnicity code: Not reported
 Infousa id: 933754210
 Site Number: 933754210
 HQ branch code: 9
 HQ branch desc: Single Loc
 Public company indicator code: 0
 Public filing indicator: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHOICE CLEANERS (Continued)

S109505349

Individual firm code: 2
 Individual firm desc: Firm/Business
 Year SIC added: 199702
 Year first appeared in yellow pages: 1996
 Yellow page code: 18306
 Transaction date: 199702
 Call status code: C
 Call status desc: Complete
 Credit score code: B+
 Credit score desc: 85 to 89
 Actual credit score: 88
 Ad size code: Bold
 Population code: 6
 Population desc: 50,000 - 99,000
 Square footage code: A
 Square footage desc: 0 - 2,499
 Radial distance from target element: .
 Actnumbus multitenant location: 10+
 Building num multi tenant: 2056027
 Number of pcs code: 0 - 1 PCs
 Affluent neighborhood location: N
 Big business: N
 Female owner exec: N
 Highincomeexec: N
 Hightechbusiness: N
 Medium size business entrepreneur: N
 Small business entrepreneur: Y
 Tertiary address: Not reported
 Tertiary city: Not reported
 Tertiary state: Not reported
 Tertiary zip10: Not reported
 White collar percentage: 29
 White collar indicator: 0
 Production date: 12/02/2008
 Obsolescence date: 06/02/2009
 Source: infoUSA
 Bookno: 14840

AR216
South
> 1
1.465 mi.
7735 ft.

CHOICE CLEANERS
4010 NORTHSIDE DR STE E
MACON, GA 31210

EDR Hist Cleaner 1019953841
N/A

Site 7 of 23 in cluster AR

Relative:
Higher

EDR Hist Cleaner

Actual:
446 ft.

Year:	Name:
2012	CHOICE CLEANERS
2013	CHOICE CLEANERS
2014	CHOICE CLEANERS

Type:
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
--	------	-------------	--------------------------------

AR217 South > 1 1.465 mi. 7735 ft.	NORTHSIDE CROSSING OFFICE PARK 4010 NORTHSIDE DRIVE MACON, GA 00000 Site 8 of 23 in cluster AR	FINDS	1009331544 N/A
---	--	--------------	--------------------------

Relative: FINDS:
Higher Registry ID: 110024538320

Actual: Click Here:
446 ft.

Environmental Interest/Information System:

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AR218 South > 1 1.465 mi. 7737 ft.	CIRCLE K 6771 4100 NORTHSIDE DRIVE MACON, GA Site 9 of 23 in cluster AR	AST	A100495187 N/A
---	---	------------	--------------------------

Relative: AST:
Higher Name: CIRCLE K 6771
Actual: Address: 4100 NORTHSIDE DRIVE
450 ft. City,State,Zip: MACON, GA
Owner Name: Circle K 6771
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-275

AR219 South > 1 1.467 mi. 7747 ft.	MINI FOODS #7; #51 1592 FORREST HILLS RD MACON, GA 31210 Site 10 of 23 in cluster AR	LUST	1006792524 N/A
---	--	-------------	--------------------------

Relative: LUST:
Higher Name: CITGO FOOD MART
Actual: Address: 1592 FORREST HILLS RD
433 ft. City,State,Zip: MACON, GA 31210
Facility ID: 04110203
Leak ID: Not reported
Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MINI FOODS #7; #51 (Continued)

1006792524

Cleanup Status: NFA - Remediation
Date Received: 02/01/1994
Project Officer: Stephen Burris
Project Name: UST - 1 - MINI FOODS #7; #51
Site Code Description: Eligible GUST trust fund reimbursement site
No Further Action Date: 09/20/2010

Name: CITGO FOOD MART
Address: 1592 FORREST HILLS RD
City,State,Zip: MACON, GA 31210
Facility ID: 04110203
Leak ID: Not reported
Description: Not reported
Cleanup Status: NFA - Suspected Release
Date Received: Not reported
Project Officer: EPD Migration
Project Name: UST - 2 - MINI FOODS #7; #51
Site Code Description: Potential GUST trust fund reimbursement site
No Further Action Date: Not reported

FINDS:

Registry ID: 110013619691

Click Here:

Environmental Interest/Information System:

GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AR220
South
> 1
1.467 mi.
7747 ft.

CITGO FOOD MART
1592 FOREST HILL ROAD
MACON, GA 31204
Site 11 of 23 in cluster AR

AST A100327945
N/A

Relative:
Higher

AST:
Name: CITGO FOOD MART
Address: 1592 FOREST HILL ROAD
City,State,Zip: MACON, GA 31204
Owner Name: Taylor Gas Inc.
Owner Address: 84 Jonesboro road
Owner City/State/Zip: Fairburn Ga 30213
Number Of Tanks: 48
Tank Capacity: 960
File No: Not reported

Actual:
433 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AR221
South
> 1
1.467 mi.
7747 ft.

CITGO FOOD MART
1592 FORREST HILLS RD
MACON, GA

Site 12 of 23 in cluster AR

UST **U001486836**
Financial Assurance **N/A**

Relative:
Higher

Actual:
433 ft.

UST:
Name: CITGO FOOD MART
Address: 1592 FORREST HILLS RD
City,State,Zip: MACON, GA

Contact:
LEMIR ID: 148999
Facility ID: 4110203
Facility Status: Active
Location Status: Active
Contact First Name: Jimmy
Contact Last Name: Cain
Contact Email: jimmyc@petrosouth.com
Company Name: PetroSouth.Inc
Mailing Address: P.O. Box 99
Mailing City: Griffin
Mailing State: GA
Mailing Zip: 30224
Start Date: Not reported
End Date: 5/2/2018 0:00
Contact Telephone: 678 6887871

LEMIR ID: 148999
Facility ID: 4110203
Facility Status: Active
Location Status: Active
Contact First Name: Smita
Contact Last Name: Patel
Contact Email: Doctor7920@aol.com
Company Name: Citgo Food Mart
Mailing Address: 1592 Forest Hill Road
Mailing City: Macon
Mailing State: GA
Mailing Zip: 31210
Start Date: 2019-03-09 22:46:48
End Date: Not reported
Contact Telephone: 478 4746481

Tank Info:
Tankid: 1
Name: CITGO FOOD MART
Address: 1592 FORREST HILLS RD
Tank Status: Currently in Use
City: MACON
Tank Material: Steel-Imprinted Current
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 01/01/1979
Facility ID: 4110203
Status Date: Not reported
Product: Regular
Pipe Material: Not reported
Overfill Protection: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO FOOD MART (Continued)

U001486836

Overfill Installed: 06/01/1996
Tank Exempt From Spill: 0
Date Spill Device Installed: 06/01/1996

Tankid: 2
Name: CITGO FOOD MART
Address: 1592 FORREST HILLS RD
Tank Status: Currently in Use
City: MACON
Tank Material: Steel-Impressed Current
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 01/01/1979
Facility ID: 4110203
Status Date: Not reported
Product: E-0
Pipe Material: Not reported
Overfill Protection: 0
Overfill Installed: 06/01/1996
Tank Exempt From Spill: 0
Date Spill Device Installed: 06/01/1996

Tankid: 3
Name: CITGO FOOD MART
Address: 1592 FORREST HILLS RD
Tank Status: Currently in Use
City: MACON
Tank Material: Steel-Impressed Current
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 01/01/1979
Facility ID: 4110203
Status Date: Not reported
Product: Premium
Pipe Material: Not reported
Overfill Protection: 0
Overfill Installed: 06/01/1996
Tank Exempt From Spill: 0
Date Spill Device Installed: 06/01/1996

Payments:

Obligation Amount: \$105,867.12
Agreement Number: FY-2005-GUST-04-2245
Agreement Type: GUST Reimbursement
Payment Amount: \$105,867.12

Obligation Amount: \$65,466.42
Agreement Number: FY-2004-GUST-04-2082
Agreement Type: GUST Reimbursement
Payment Amount: \$65,466.42

GA Financial Assurance 1:

Name: CITGO FOOD MART
Address: 1592 FORREST HILLS RD
City,State,Zip: MACON, GA 31210

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CITGO FOOD MART (Continued)

U001486836

Region: 1
 Facility ID: 4110203
 Financial Responsibility: G.U.S.T. Trust Fund
 Location Start Date: 05/01/1986
 Location End Date: Not reported
 Location Status: Active
 Location Type: Gas Station
 Facility Status: ACTIVE

AR222
South
 > 1
 1.467 mi.
 7747 ft.
Relative:
Higher

MINI-FOOD STORES INC
1592 FOREST HILL RD
MACON, GA 31210
Site 13 of 23 in cluster AR

EDR Hist Auto **1021885593**
N/A

EDR Hist Auto

Actual:
433 ft.

Year:	Name:	Type:
1988	MINI-FOOD STORES INC	Grocery Stores
1989	MINI-FOOD STORES INC	Convenience Stores
1990	MINI-FOOD STORES INC	Convenience Stores
1991	MINI-FOOD STORES INC	Convenience Stores
1992	MINI-FOOD STORES INC	Convenience Stores
1993	MINI-FOOD STORES INC	Convenience Stores
1994	MINI-FOOD STORES INC	Convenience Stores
1995	MINI-FOOD STORES INC	Convenience Stores
1996	MINI-FOOD STORES INC	Convenience Stores
1997	MINI-FOOD STORES INC	Convenience Stores
1998	MINI-FOOD STORES INC	Convenience Stores
1999	MINI-FOOD STORES INC	Convenience Stores

AR223
South
 > 1
 1.467 mi.
 7747 ft.
Relative:
Higher

MINI FOODS #7/#51
1592 FOREST HILLS RD
MACON, GA
Site 14 of 23 in cluster AR

RGA LUST **S115544515**
N/A

RGA LUST:

Actual:
433 ft.

1997	MINI FOODS #7/#51	1592 FOREST HILLS RD
1996	MINI FOODS #7/#51	1592 FOREST HILLS RD
1995	MINI FOODS #7/#51	1592 FOREST HILLS RD

AR224
South
 > 1
 1.467 mi.
 7747 ft.
Relative:
Higher

MINI FOODS #7; #51
1592 FORREST HILLS RD
MACON, GA
Site 15 of 23 in cluster AR

RGA LUST **S115544516**
N/A

RGA LUST:

Actual:
433 ft.

2012	MINI FOODS #7; #51	1592 FORREST HILLS RD
2011	MINI FOODS #7; #51	1592 FORREST HILLS RD
2010	MINI FOODS #7; #51	1592 FORREST HILLS RD
2009	MINI FOODS #7; #51	1592 FORREST HILLS RD
2008	MINI FOODS #7; #51	1592 FORREST HILLS RD
2007	MINI FOODS #7; #51	1592 FORREST HILLS RD
2006	MINI FOODS #7; #51	1592 FORREST HILLS RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MINI FOODS #7; #51 (Continued)

S115544516

2005	MINI FOODS #7; #51	1592 FORREST HILLS RD
2004	MINI FOODS #7; #51	1592 FORREST HILLS RD
2003	MINI FOODS #7; #51	1592 FORREST HILLS RD
2002	MINI FOODS #7; #51	1592 FORREST HILLS RD
2001	MINI FOODS #7; #51	1592 FORREST HILLS RD
2000	MINI FOODS #7; #51	1592 FORREST HILLS RD
1999	MINI FOODS #7; #51	1592 FORREST HILLS RD
1998	MINI FOODS #7; #51	1592 FORREST HILLS RD

AR225
South
> 1
1.470 mi.
7760 ft.
Relative:
Higher
Actual:
427 ft.

BARLOWS B P STATION GAS
1585 FOREST HILL RD
MACON, GA 31204
Site 16 of 23 in cluster AR

EDR Hist Auto **1014930202**
N/A

EDR Hist Auto

Year:	Name:	Type:
1974	BARLOW STANDARD SERVICE STN	Gasoline Service Stations
1975	BARLOW STANDARD SERVICE STN	Gasoline Service Stations
1976	BARLOW STANDARD SERVICE STN	Gasoline Service Stations
1977	BARLOW CHEVRON SERVICE STATION	Gasoline Service Stations
1978	BARLOW CHEVRON SERVICE STATION	Gasoline Service Stations
1979	BARLOW CHEVRON SERVICE STATION	Gasoline Service Stations
1979	BARLOW CHEVRON SERVICE STATION	Gasoline Service Stations
1980	BARLOWS CHEVRON STATION GAS	GASOLINE STATIONS
1980	BARLOWS CHEVRON STATION GAS	SERVICE STATIONS
1980	BARLOW CHEVRON SERVICE STATION	Gasoline Service Stations
1982	BARLOW CHEVRON SERVICE STATION	Gasoline Service Stations
1983	BARLOW CHEVRON SERVICE STATION	Gasoline Service Stations
1985	BARLOWS CHEVRON STA	GASOLINE STATIONS
1985	BARLOW CHEVRON SERVICE STATION	Gasoline Service Stations
1986	BARLOW CHEVRON SERVICE STATION	Gasoline Service Stations
1987	BARLOW CHEVRON SERVICE STATION	Gasoline Service Stations
1987	BARLOWS CHEVRON SERVICE STATIO	Gasoline Service Stations
1988	BARLOWS GULF SERVICE CENTER	Gasoline Service Stations
1988	BARLOWS CHEVRON SERVICE STATIO	Gasoline Service Stations
1989	BARLOWS GULF SERVICE CENTER	Gasoline Service Stations, NEC
1990	BARLOWS GULF STATION GAS	GASOLINE STATIONS
1990	BARLOWS GULF SERVICE CENTER	Gasoline Service Stations, NEC
1991	BARLOWS GULF SERVICE CENTER	Gasoline Service Stations, NEC
1992	BARLOWS GULF SERVICE CENTER	Gasoline Service Stations, NEC
1993	BARLOWS BP SERVICE CENTER	Gasoline Service Stations, NEC
1994	BARLOWS BP SERVICE CENTER	Gasoline Service Stations, NEC
1995	BARLOWS BP SERVICE CENTER	Gasoline Service Stations, NEC
1996	BARLOWS BP SERVICE CENTER	Gasoline Service Stations, NEC
1997	BARLOWS B P STATION GAS	GASOLINE STATIONS
1997	BARLOWS BP SERVICE CENTER	Gasoline Service Stations, NEC
2000	BARLOWS B P SERVICE CENTER	Gasoline Service Stations, NEC

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

AR226 **451 (EXPRESS FOODS)**
South **1585 FOREST HILL RD**
> 1 **MACON, GA**
1.470 mi.
7760 ft. **Site 17 of 23 in cluster AR**

RGA LUST **S115528583**
N/A

Relative: RGA LUST:

Higher	2012	451 (EXPRESS FOODS)	1585 FOREST HILL RD
Actual:	2011	451 (EXPRESS FOODS)	1585 FOREST HILL RD
427 ft.	2010	451 (EXPRESS FOODS)	1585 FOREST HILL RD
	2009	451 (EXPRESS FOODS)	1585 FOREST HILL RD
	2008	451 (EXPRESS FOODS)	1585 FOREST HILL RD
	2007	451 (EXPRESS FOODS)	1585 FOREST HILL RD

AR227 **EXPRESS FOODS #16**
South **1585 FOREST HILL RD**
> 1 **MACON, GA 31204**
1.470 mi.
7760 ft. **Site 18 of 23 in cluster AR**

FINDS **1006775900**
N/A

Relative: FINDS:
Higher Registry ID: 110013451996

Actual:
427 ft. Click Here:

Environmental Interest/Information System:
 GEIMS (Geographic Environmental Information Management System)
 provides the EPA and Public a single point of access to core data for
 all facilities and sites regulated or monitored by the EPA and a
 single system for the reporting of all environmental data.

Click this hyperlink while viewing on your computer to access
 additional FINDS: detail in the EDR Site Report.

AR228 **EXPRESS FOODS #16**
South **1585 FOREST HILL RD**
> 1 **MACON, GA**
1.470 mi.
7760 ft. **Site 19 of 23 in cluster AR**

RGA LUST **S115536628**
N/A

Relative: RGA LUST:

Higher	2005	EXPRESS FOODS #16	1585 FOREST HILL RD
Actual:	2004	EXPRESS FOODS #16	1585 FOREST HILL RD
427 ft.	2003	EXPRESS FOODS #16	1585 FOREST HILL RD
	2002	EXPRESS FOODS #16	1585 FOREST HILL RD
	2001	EXPRESS FOODS #16	1585 FOREST HILL RD
	2000	EXPRESS FOODS #16	1585 FOREST HILL RD
	1999	EXPRESS FOODS #16	1585 FOREST HILL RD
	1998	EXPRESS FOODS #16	1585 FOREST HILL RD

AR229 **SHELL EXPRESS FOODS #16**
South **1585 FOREST HILL ROAD**
> 1 **MACON, GA 31210**
1.470 mi.
7760 ft. **Site 20 of 23 in cluster AR**

AST **A100502753**
N/A

Relative: AST:
Higher Name: SHELL EXPRESS FOODS #16
Actual: Address: 1585 FOREST HILL ROAD
427 ft. City,State,Zip: MACON, GA 31210

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL EXPRESS FOODS #16 (Continued)

A100502753

Owner Name: Spectrum Stores, Inc.
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-201

AR230
South
> 1
1.470 mi.
7760 ft.
Relative:
Higher
Actual:
427 ft.

EXPRESS FOODS 16 (445)
1585 FOREST HILL RD
MACON, GA

RGA LUST S115536630
N/A

Site 21 of 23 in cluster AR

RGA LUST: 2006 EXPRESS FOODS 16 (445) 1585 FOREST HILL RD

AR231
South
> 1
1.470 mi.
7760 ft.
Relative:
Higher
Actual:
427 ft.

BARLOW'S BP
1585 FOREST HILL RD
MACON, GA

RGA LUST S115530307
N/A

Site 22 of 23 in cluster AR

RGA LUST: 1997 BARLOW'S BP 1585 FOREST HILL RD

AR232
South
> 1
1.470 mi.
7760 ft.
Relative:
Higher
Actual:
427 ft.

SHELL FOOD MART
1585 FOREST HILL RD
MACON, GA

LUST U003003728
UST N/A
Financial Assurance

Site 23 of 23 in cluster AR

LUST:
Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
City,State,Zip: MACON, GA 31204
Facility ID: 04110106
Leak ID: Not reported
Description: Not reported
Cleanup Status: Suspected Release
Date Received: Not reported
Project Officer: Richard Strickfaden
Project Name: UST - 1 - SHELL FOOD MART
Site Code Description: Owner/Operator funded site
No Further Action Date: Not reported

Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
City,State,Zip: MACON, GA 31204
Facility ID: 04110106
Leak ID: Not reported
Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL FOOD MART (Continued)

U003003728

Cleanup Status: NFA -Monitoring Only (MNA)
Date Received: 12/04/2000
Project Officer: Stephen Burris
Project Name: UST - 2 - SHELL FOOD MART
Site Code Description: Eligible GUST trust fund reimbursement site
No Further Action Date: 08/19/2009

Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
City,State,Zip: MACON, GA 31204
Facility ID: 04110106
Leak ID: Not reported
Description: Not reported
Cleanup Status: NFA - Clean Closure
Date Received: Not reported
Project Officer: Stephen Burris
Project Name: UST - CLOSURE - SHELL FOOD MART
Site Code Description: Owner/Operator funded site
No Further Action Date: 12/16/2003

Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
City,State,Zip: MACON, GA 31204
Facility ID: 04110106
Leak ID: Not reported
Description: Not reported
Cleanup Status: NFA - Suspected Release
Date Received: Not reported
Project Officer: Marshall Rufo
Project Name: 4110106 RELEASE 3
Site Code Description: Potential GUST trust fund reimbursement site
No Further Action Date: 05/21/2019

UST:
Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
City,State,Zip: MACON, GA

Contact:
LEMIR ID: 148937
Facility ID: 4110106
Facility Status: Active
Location Status: Active
Contact First Name: Jimmy
Contact Last Name: Cain
Contact Email: jimmyc@petrosouth.com
Company Name: PetroSouth.Inc
Mailing Address: P.O. Box 99
Mailing City: Griffin
Mailing State: GA
Mailing Zip: 30224
Start Date: Not reported
End Date: 7/18/2019 0:00
Contact Telephone: 678 6887871

Tank Info:
Tankid: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL FOOD MART (Continued)

U003003728

Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
Tank Status: Removed from Ground
City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 03/19/1970
Facility ID: 4110106
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Galvanized Steel
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tankid: 2
Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
Tank Status: Removed from Ground
City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 03/19/1970
Facility ID: 4110106
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Galvanized Steel
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tankid: 3
Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
Tank Status: Removed from Ground
City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 03/19/1970
Facility ID: 4110106
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Galvanized Steel
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tankid: 4
Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
Tank Status: Removed from Ground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL FOOD MART (Continued)

U003003728

City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 03/19/1970
Facility ID: 4110106
Status Date: Not reported
Product: Used Oil
Pipe Material: Galvanized Steel
Overfill Protection: -1
Overfill Installed: Not reported
Tank Exempt From Spill: -1
Date Spill Device Installed: Not reported

Tankid: 5
Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
Tank Status: Currently in Use
City: MACON
Tank Material: Not reported
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 09/18/1986
Facility ID: 4110106
Status Date: Not reported
Product: Regular
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 08/15/1998
Tank Exempt From Spill: 0
Date Spill Device Installed: 08/15/1998

Tankid: 6
Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
Tank Status: Currently in Use
City: MACON
Tank Material: Not reported
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 09/18/1986
Facility ID: 4110106
Status Date: Not reported
Product: Premium
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 08/15/1998
Tank Exempt From Spill: 0
Date Spill Device Installed: 08/18/1998

Tankid: 7
Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
Tank Status: Currently in Use
City: MACON
Tank Material: Not reported
Pipe Type: Pressurized

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL FOOD MART (Continued)

U003003728

Overfill Type: Flapper Valve
Install Date: 09/18/1986
Facility ID: 4110106
Status Date: Not reported
Product: Diesel
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 08/15/1998
Tank Exempt From Spill: 0
Date Spill Device Installed: 08/15/1998

Tankid: 8
Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
Tank Status: Removed from Ground
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Not reported
Install Date: 09/18/1986
Facility ID: 4110106
Status Date: Not reported
Product: Used Oil
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: -1
Overfill Installed: Not reported
Tank Exempt From Spill: -1
Date Spill Device Installed: 08/15/1998

Payments:
Obligation Amount: \$20,799.38
Agreement Number: FY-2008-GUST-08-2834
Agreement Type: GUST Reimbursement
Payment Amount: \$20,799.38

GA Financial Assurance 1:
Name: SHELL FOOD MART
Address: 1585 FOREST HILL RD
City,State,Zip: MACON, GA 31204
Region: 1
Facility ID: 4110106
Financial Responsibility: G.U.S.T. Trust Fund
Location Start Date: 03/16/2017
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

AV233 West > 1 1.470 mi. 7761 ft.	PUBLIX SUPERMARKET 1263 BASS PLANTATION 5451 BOWMAN ROAD MACON, GA 31210 Site 1 of 4 in cluster AV	ECHO	1026737063 N/A
Relative: Higher	ECHO: Envid: 1026737063 Registry ID: 110070908347 DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070908347 Name: PUBLIX SUPERMARKET 1263 BASS PLANTATION Address: 5451 BOWMAN ROAD City,State,Zip: MACON, GA 31210		
Actual: 412 ft.			

AV234 West > 1 1.470 mi. 7761 ft.	PUBLIX SUPERMARKET 1263 BASS PLANTATION 5451 BOWMAN ROAD MACON, GA 31210 Site 2 of 4 in cluster AV	FINDS	1026781842 N/A
Relative: Higher	FINDS: Registry ID: 110070908347 Click Here:		
Actual: 412 ft.			

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AV235 West > 1 1.470 mi. 7761 ft.	PUBLIX SUPERMARKET 1263 BASS PLANTATION 5451 BOWMAN ROAD MACON, GA 31210 Site 3 of 4 in cluster AV	RCRA-VSQQ	1026495110 GAR000089920
Relative: Higher	RCRA-VSQQ: Date Form Received by Agency: 20210118 Handler Name: PUBLIX SUPERMARKET 1263 BASS PLANTATION Handler Address: 5451 BOWMAN ROAD Handler City,State,Zip: MACON, GA 31210 EPA ID: GAR000089920 Contact Name: BRENDA WILLIAMS Contact Address: PUBLIX CORPORATE PARKWAY Contact City,State,Zip: LAKELAND, FL 33811 Contact Telephone: 863-688-1188 Contact Fax: Not reported Contact Email: Not reported Contact Title: Not reported EPA Region: 04 Land Type: Private Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator Non-Notifier: Not reported Biennial Report Cycle: Not reported		
Actual: 412 ft.			

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PUBLIX SUPERMARKET 1263 BASS PLANTATION (Continued)

1026495110

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	GA
State District:	EKR
Mailing Address:	PUBLIX CORPORATE PARKWAY
Mailing City, State, Zip:	LAKELAND, FL 33811
Owner Name:	BASS PLANTATION RETAIL, LLC
Owner Type:	Private
Operator Name:	PUBLIX SUPERMARKETS, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIX SUPERMARKET 1263 BASS PLANTATION (Continued)

1026495110

Handler Date of Last Change: 20210121
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: H

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: BASS PLANTATION RETAIL, LLC
Legal Status: Private
Date Became Current: 20080721
Date Ended Current: Not reported
Owner/Operator Address: P. O. BOX 550549
Owner/Operator City,State,Zip: ATLANTA, GA 30355
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PUBLIX SUPERMARKETS, INC.
Legal Status: Private
Date Became Current: 20090624
Date Ended Current: Not reported
Owner/Operator Address: 3300 PUBLIX CORPORATE PARKWAY
Owner/Operator City,State,Zip: LAKELAND, FL 33811
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PUBLIX SUPERMARKETS, INC.
Legal Status: Private
Date Became Current: 20090624
Date Ended Current: Not reported
Owner/Operator Address: 3300 PUBLIX CORPORATE PARKWAY
Owner/Operator City,State,Zip: LAKELAND, FL 33811
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BASS PLANTATION RETAIL, LLC
Legal Status: Private
Date Became Current: 20080721
Date Ended Current: Not reported
Owner/Operator Address: P. O. BOX 550549
Owner/Operator City,State,Zip: ATLANTA, GA 30355
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIX SUPERMARKET 1263 BASS PLANTATION (Continued)

1026495110

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20201118
 Handler Name: PUBLIX SUPERMARKET
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 State District Owner: GA
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

Receive Date: 20210118
 Handler Name: PUBLIX SUPERMARKET 1263 BASS PLANTATION
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 State District Owner: GA
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 446110
 NAICS Description: PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

AT236
SSE
> 1
1.478 mi.
7805 ft.

RAFFIELD TIRE-MASTERS INC
120 RIVERSIDE PKWY
MACON, GA 31210

Site 2 of 8 in cluster AT

ICIS 1005508105
US AIRS N/A
FINDS
ECHO

Relative:
Higher
Actual:
378 ft.

ICIS:
 Enforcement Action ID: 04-1999-A119
 FRS ID: 110007090799
 Action Name: RAFFIELD TIRE-MASTERS INC 130214099100002
 Facility Name: RAFFIELD TIRE-MASTERS INC
 Facility Address: 120 RIVERSIDE PKWY
 MACON, GA 00000
 Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: BIBB
 Program System Acronym: AIR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFFIELD TIRE-MASTERS INC (Continued)

1005508105

Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113D1
Facility SIC Code: 9999
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.9003
Longitude in Decimal Degrees: -83.68947
Permit Type Desc: Not reported
Program System Acronym: 040000001302140991
Facility NAICS Code: 999999
Tribal Land Code: Not reported

Enforcement Action ID: 04-1999-0063
FRS ID: 110007090799
Action Name: RAFFIELD TIRE MASTERS, INC.
Facility Name: RAFFIELD TIRE-MASTERS INC
Facility Address: 120 RIVERSIDE PKWY
MACON, GA
Enforcement Action Type: CAA 113A Admin Compliance Order (Non-Penalty)
Facility County: BIBB
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113A
Facility SIC Code: 7538
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.901632
Longitude in Decimal Degrees: -83.689202
Permit Type Desc: Not reported
Program System Acronym: 3986
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: RAFFIELD TIRE-MASTERS INC
Address: 120 RIVERSIDE PKWY
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 7538

US AIRS MINOR:

Envid: 1005508105
Region Code: 04
Programmatic ID: AIR 040000001302140991
Facility Registry ID: 110007090799
D and B Number: Not reported
Primary SIC Code: 9999
NAICS Code: 999999
Default Air Classification Code: NAP
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 04
Programmatic ID: AIR 040000001302140991
Facility Registry ID: 110007090799
Air Operating Status Code: OPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFFIELD TIRE-MASTERS INC (Continued)

1005508105

Default Air Classification Code: NAP
Air Program: Stratospheric Ozone Protection
Activity Date: 1998-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR 040000001302140991
Facility Registry ID: 110007090799
Air Operating Status Code: OPR
Default Air Classification Code: NAP
Air Program: Stratospheric Ozone Protection
Activity Date: 1998-12-09 00:00:00
Activity Status Date: 1998-12-09 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

FINDS:

Registry ID: 110007090799

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR - NOT APPLICABLE

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFFIELD TIRE-MASTERS INC (Continued)

1005508105

ECHO:

Envid: 1005508105
Registry ID: 110007090799
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007090799>
Name: RAFFIELD TIRE-MASTERS INC
Address: 120 RIVERSIDE PKWY
City,State,Zip: MACON, GA 31210

AW237
SSE
> 1
1.484 mi.
7837 ft.

THE ARBOR APARTMENT HOMES
3901 NORTHSIDE DRIVE
MACON, GA 31210

FINDS 1010350857
N/A

Site 1 of 4 in cluster AW

Relative:
Higher

FINDS:
Registry ID: 110030908025

Actual:
389 ft.

Click Here:

Environmental Interest/Information System:

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AX238
SSE
> 1
1.492 mi.
7876 ft.

WALTHALL OIL #407
3720 RIVERSIDE DRIVE
MACON, GA 31210

AST A100327949
N/A

Site 1 of 7 in cluster AX

Relative:
Lower

AST:
Name: CHEVRON USA INCORPORATED
Address: 3720 RIVERSIDE DRIVE
City,State,Zip: MACON, GA 31210
Owner Name: Ga Gas Distributors
Owner Address: 77 Jefferson Pkwy
Owner City/State/Zip: Newnan Ga 30263
Number Of Tanks: 10
Tank Capacity: 200
File No: Not reported

Actual:
363 ft.

Name: WALTHALL OIL #407
Address: 3720 RIVERSIDE DRIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALTHALL OIL #407 (Continued)

A100327949

City,State,Zip: MACON, GA 31210
Owner Name: Walthall oil Company
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-165

AX239
SSE
> 1
1.492 mi.
7876 ft.
Relative:
Lower
Actual:
363 ft.

WALTHALL OIL COMPANY
3720 RIVERSIDE DR
MACON, GA 31210

EDR Hist Auto **1021222191**
N/A

Site 2 of 7 in cluster AX

EDR Hist Auto

Year:	Name:	Type:
1991	CHEVRON CORPORATION	Gasoline Service Stations, NEC
1992	CHEVRON CORPORATION	Gasoline Service Stations
1993	AMERICAN PERSONNEL SERVICES	Gasoline Service Stations
1994	AMERICAN PERSONNEL SERVICES	Gasoline Service Stations
1995	AMERICAN PERSONNEL SERVICES	Gasoline Service Stations
1996	CHEVRON STATIONS INC	Gasoline Service Stations
1997	CHEVRON STATIONS INC	Gasoline Service Stations
1998	CHEVRON STATIONS INC	Gasoline Service Stations
2002	WALTHALL OIL COMPANY	Gasoline Service Stations
2003	WALTHALL OIL COMPANY	Gasoline Service Stations
2004	WALTHALL OIL COMPANY	Gasoline Service Stations
2005	WALTHALL OIL COMPANY	Gasoline Service Stations, NEC
2006	WALTHALL OIL COMPANY	Gasoline Service Stations, NEC
2007	WALTHALL OIL COMPANY	Gasoline Service Stations, NEC
2008	WALTHALL OIL COMPANY	Gasoline Service Stations, NEC
2009	WALTHALL OIL COMPANY	Gasoline Service Stations, NEC

AX240
SSE
> 1
1.492 mi.
7876 ft.
Relative:
Lower
Actual:
363 ft.

ARKWRIGHT CHEVRON/CHEVRON #53094
3720 RIVERSIDE DR
MACON, GA

RGA LUST **S115529608**
N/A

Site 3 of 7 in cluster AX

RGA LUST:

2012	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2011	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2010	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2009	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2008	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2007	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2006	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2005	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2004	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2003	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2002	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2001	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
2000	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
1999	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
1998	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ARKWRIGHT CHEVRON/CHEVRON #53094 (Continued)

S115529608

1997	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR
1996	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR

AX241
SSE
 > 1
 1.492 mi.
 7876 ft.

CHEVRON #53094
3720 RIVERSIDE DR
MACON, GA 31210

RCRA NonGen / NLR
FINDS
ECHO

1004686787
GAD984292748

Site 4 of 7 in cluster AX

Relative:
Lower
Actual:
363 ft.

RCRA NonGen / NLR:	
Date Form Received by Agency:	20020530
Handler Name:	CHEVRON #53094
Handler Address:	3720 RIVERSIDE DR
Handler City,State,Zip:	MACON, GA 31210
EPA ID:	GAD984292748
Contact Name:	KATHY NORRIS
Contact Address:	PO BOX 6004
Contact City,State,Zip:	SAN RAMON, CA 94583
Contact Telephone:	925-842-5931
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 6004
Mailing City,State,Zip:	SAN RAMON, CA 94583
Owner Name:	CHEVRON PRODUCTS CO
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHEVRON #53094 (Continued)

1004686787

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021002
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City, State, Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-9002
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #53094 (Continued)

1004686787

Historic Generators:

Receive Date: 20000228
Handler Name: CHEVRON #53094
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010227
Handler Name: CHEVRON #53094
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020530
Handler Name: CHEVRON #53094
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110005694007

Click Here:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHEVRON #53094 (Continued)

1004686787

Environmental Interest/Information System:

GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data. RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004686787
 Registry ID: 110005694007
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005694007>
 Name: CHEVRON #53094
 Address: 3720 RIVERSIDE DR
 City,State,Zip: MACON, GA 31210

AX242
 SSE
 > 1
 1.492 mi.
 7876 ft.
 Relative:
 Lower
 Actual:
 363 ft.

**ARKWRIGHT CHEVRON/CHEV
 3720 RIVERSIDE DR
 MACON, GA**

**RGA LUST S115529607
 N/A**

Site 5 of 7 in cluster AX

Relative: RGA LUST: 1995 ARKWRIGHT CHEVRON/CHEV 3720 RIVERSIDE DR

AX243
 SSE
 > 1
 1.492 mi.
 7876 ft.
 Relative:
 Lower
 Actual:
 363 ft.

**ARKWRIGHT CHEVRON/CHEVRON #53094
 3720 RIVERSIDE DR
 MACON, GA**

**LUST 1000506458
 UST N/A
 Financial Assurance
 TIER 2**

Site 6 of 7 in cluster AX

Relative: LUST:
 Lower Name: ARKWRIGHT CHEVRON/CHEVRON #53094
 Address: 3720 RIVERSIDE DR
 City,State,Zip: MACON, GA 31210
 Facility ID: 00112000
 Leak ID: Not reported
 Description: Not reported
 Cleanup Status: NFA - No Further Action
 Date Received: 11/27/1991
 Project Officer: William Logan
 Project Name: UST - 1 - ARKWRIGHT CHEVRON/CHEVRON #53094
 Site Code Description: Owner/Operator funded site
 No Further Action Date: 06/04/2002

UST:
 Name: ARKWRIGHT CHEVRON/CHEVRON #53094

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKWRIGHT CHEVRON/CHEVRON #53094 (Continued)

1000506458

Address: 3720 RIVERSIDE DR
City,State,Zip: MACON, GA

Contact:
LEMIR ID: 139026
Facility ID: 112000
Facility Status: Active
Location Status: Active
Contact First Name: Shawn
Contact Last Name: Heacox
Contact Email: sheacox@walthall-oil.com
Company Name: Walthall Oil Company
Mailing Address: PO Box 1203
Mailing City: Macon
Mailing State: GA
Mailing Zip: 31202
Start Date: Not reported
End Date: Not reported
Contact Telephone: 770 4587399

Tank Info:
Tankid: 1
Name: ARKWRIGHT CHEVRON/CHEVRON #53094
Address: 3720 RIVERSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 11/04/1987
Facility ID: 112000
Status Date: Not reported
Product: Regular
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 11/04/1987
Tank Exempt From Spill: 0
Date Spill Device Installed: 11/04/1987

Tankid: 2
Name: ARKWRIGHT CHEVRON/CHEVRON #53094
Address: 3720 RIVERSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 11/04/1987
Facility ID: 112000
Status Date: Not reported
Product: Premium
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 11/04/1987
Tank Exempt From Spill: 0
Date Spill Device Installed: 11/04/1987

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKWRIGHT CHEVRON/CHEVRON #53094 (Continued)

1000506458

Tankid: 3
Name: ARKWRIGHT CHEVRON/CHEVRON #53094
Address: 3720 RIVERSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 11/04/1987
Facility ID: 112000
Status Date: Not reported
Product: Diesel
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 11/04/1987
Tank Exempt From Spill: 0
Date Spill Device Installed: 11/04/1987

Tankid: 4
Name: ARKWRIGHT CHEVRON/CHEVRON #53094
Address: 3720 RIVERSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Composite Double Walled
Pipe Type: Pressurized
Overfill Type: Flapper Valve
Install Date: 02/01/2016
Facility ID: 112000
Status Date: Not reported
Product: E-0
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 02/01/2016
Tank Exempt From Spill: 0
Date Spill Device Installed: 02/01/2016

GA Financial Assurance 1:

Name: ARKWRIGHT CHEVRON/CHEVRON #53094
Address: 3720 RIVERSIDE DR
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 112000
Financial Responsibility: G.U.S.T. Trust Fund
Location Start Date: 11/03/1988
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

GA TIER 2:

Reporting Year: 2020
Facility ID: 6811339
Facility Country: Not reported
Company Name: ARKWRIGHT CONVENIENCE STORE
Date Submitted: 01/29/2021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKWRIGHT CHEVRON/CHEVRON #53094 (Continued)

1000506458

Filing Type:	302 312
SIC Code:	Not reported
NAICS Code:	447110
Dun&Bradstreet Code:	03-378-5734
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	Not reported
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	01/29/2021
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Mailing Country:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported
Reporting Year:	2020
Facility ID:	6811339
Facility Country:	Not reported
Company Name:	ARKWRIGHT CONVENIENCE STORE
Date Submitted:	01/29/2021
Filing Type:	302 312
SIC Code:	Not reported
NAICS Code:	447110
Dun&Bradstreet Code:	03-378-5734
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	Not reported
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	01/29/2021
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Mailing Country:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported
Reporting Year:	2019
Facility ID:	6666187
Facility Country:	Not reported
Company Name:	ARKWRIGHT CONVENIENCE STORE
Date Submitted:	02/14/2020
Filing Type:	302 312

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKWRIGHT CHEVRON/CHEVRON #53094 (Continued)

1000506458

SIC Code:	Not reported
NAICS Code:	447110
Dun&Bradstreet Code:	03-378-5734
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	Not reported
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	02/14/2020
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Mailing Country:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported
Reporting Year:	2019
Facility ID:	6666187
Facility Country:	Not reported
Company Name:	ARKWRIGHT CONVENIENCE STORE
Date Submitted:	02/14/2020
Filing Type:	302 312
SIC Code:	Not reported
NAICS Code:	447110
Dun&Bradstreet Code:	03-378-5734
Chemicals Same as Last Year:	Not reported
Data Tier 2 Signed:	Not reported
Dikes/Saveguard Measures:	Not reported
Facility Department:	Not reported
Facility Date Modified:	02/14/2020
State Fees Total:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Mailing Country:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Lat/Long Location Desc:	Not reported
Lat/Long Method:	Not reported
Number Employees on Site:	Not reported
Site Coordinate Abbrvtns Sbmtd:	Not reported
Fire District:	Not reported
Notes:	Not reported
Validity:	Not reported
Inventory:	
Facility Id:	6666187
Year:	2019
Chemical Inventory ID:	Not reported
Acute Health Risks:	False
Average Daily Amount:	16,400
Average Daily Amount Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKWRIGHT CHEVRON/CHEVRON #53094 (Continued)

1000506458

CB Record ID: Not reported
Chemical Same as Last Year: Not reported
Chronic Health Risk: False
CAS Number: 68476346
EHS Substance: Not reported
Last Modified: Not reported
Days on Site: Not reported
Chemical Name: DIESEL FUEL
Fire Hazard: Not reported
Gas: False
Liquid: True
Max Daily Amount: 83,000
Max Daily Amount Code: Not reported
Max Amount in Largest Container: Not reported
Mixture Form: False
Sudden Release of Pressure Hazard: Not reported
Pure Form: True
Reactive Hazard: False
Solid: False
Facility Name: ARKWRIGHT CONVENIENCE STORE
Contact Info: FRANK WALTHALL
Contact Type: Owner / Operator
Email: fwalthall@walthall-oil.com
Phone1: Not reported
Phone2: (478) 731-7070
Phone3: (478) 731-7070
Phone4: Not reported
Phone5: Not reported
Hazardous 1 least hazardous/4 most hazardous: 0
Flammable 1 least flammable/4 most flammable: 2
Reactive 1 least reactive/4 very reactive: 0
Any characteristic over/above H F and R category: -

Inventory:

Facility Id: 6666187
Year: 2019
Chemical Inventory ID: Not reported
Acute Health Risks: False
Average Daily Amount: 16,400
Average Daily Amount Code: Not reported
CB Record ID: Not reported
Chemical Same as Last Year: Not reported
Chronic Health Risk: False
CAS Number: 68476346
EHS Substance: Not reported
Last Modified: Not reported
Days on Site: Not reported
Chemical Name: DIESEL FUEL
Fire Hazard: Not reported
Gas: False
Liquid: True
Max Daily Amount: 83,000
Max Daily Amount Code: Not reported
Max Amount in Largest Container: Not reported
Mixture Form: False
Sudden Release of Pressure Hazard: Not reported
Pure Form: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKWRIGHT CHEVRON/CHEVRON #53094 (Continued)

1000506458

Reactive Hazard: False
Solid: False
Facility Name: ARKWRIGHT CONVENIENCE STORE
Contact Info: FRANK WALTHALL
Contact Type: Owner / Operator
Email: fwalthall@walthall-oil.com
Phone1: Not reported
Phone2: (478) 731-7070
Phone3: (478) 731-7070
Phone4: Not reported
Phone5: Not reported
Hazardous 1 least hazardous/4 most hazardous: 0
Flammable 1 least flammable/4 most flammable: 2
Reactive 1 least reactive/4 very reactive: 0
Any characteristic over/above H F and R category: -

AV244
West
> 1
1.499 mi.
7914 ft.

CHICK-FIL-A: STORE #2748
1569 BASS ROAD
MACON, GA
Site 4 of 4 in cluster AV

NPDES S127162050
N/A

Relative:
Higher
Actual:
417 ft.

NPDES:
Name: CHICK-FIL-A: STORE #2748
Address: 1569 BASS ROAD
City,State,Zip: MACON, GA
Notice of Intent Num: GAR128519
Facility Type Desc: Not reported
Owner: CHICK- FIL-A, INC.
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2013
Permit Action Status: No Longer In Effect
Extension Date: Not reported
Termination Date: 12/08/2011
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: Not reported
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: NA
Postmarked Date: 4/11/2011
Issue Date: 8/1/2008
Permit Status: Terminated
Total Acres: 1.4

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHICK-FIL-A: STORE #2748 (Continued)

S127162050

50 or More Acres Disturbed: N
 Impaired Stream Segments: N
 TMDL Implementation Plans: N
 Common Development Name: na
 Active or Term: Terminated
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

**AY245
 SE
 > 1
 1.505 mi.
 7944 ft.**

**AVID HOTEL
 3969 RIVER PLACE DR
 MACON, GA 31210**

**NPDES S127177320
 N/A**

Site 1 of 3 in cluster AY

**Relative:
 Lower**

NPDES:

**Actual:
 311 ft.**

Name: AVID HOTEL
 Address: 3969 RIVER PLACE DR
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR188400
 Facility Type Desc: Not reported
 Owner: Dineshkumar Patel
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2023
 Permit Action Status: In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 12/02/2019
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: Dineshkumar Patel
 Postmarked Date: 12/16/2019
 Issue Date: 8/1/2018
 Permit Status: In Effect
 Total Acres: 1.8
 50 or More Acres Disturbed: N
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AVID HOTEL (Continued)

S127177320

Active or Term:	Active
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	In Effect

AY246
SE
 > 1
 1.505 mi.
 7944 ft.

AVID HOTEL
3969 RIVER PLACE DR
MACON, GA 31210

ECHO 1026030643
N/A

Site 2 of 3 in cluster AY

Relative:
Lower
Actual:
311 ft.

ECHO:
 Envid: 1026030643
 Registry ID: 110070674093
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070674093>
 Name: AVID HOTEL
 Address: 3969 RIVER PLACE DR
 City,State,Zip: MACON, GA 31210

AY247
SE
 > 1
 1.505 mi.
 7944 ft.

AVID HOTEL
3969 RIVER PLACE DR
MACON, GA 31210

FINDS 1026103602
N/A

Site 3 of 3 in cluster AY

Relative:
Lower
Actual:
311 ft.

FINDS:
 Registry ID: 110070674093
 Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AX248
SSE
 > 1
 1.511 mi.
 7980 ft.

MACON TO MILLEDGEVILLE RE-ROUTE (EPD-WCD)
RIVERSIDE DRIVE AND ARKWRIGHT ROAD
MACON, GA 31211

FINDS 1023704975
ECHO N/A

Site 7 of 7 in cluster AX

Relative:
Lower
Actual:
346 ft.

FINDS:
 Registry ID: 110070103532

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACON TO MILLEDGEVILLE RE-ROUTE (EPD-WCD) (Continued)

1023704975

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1023704975
Registry ID:	110070103532
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070103532
Name:	MACON TO MILLEDGEVILLE RE-ROUTE (EPD-WCD)
Address:	RIVERSIDE DRIVE AND ARKWRIGHT ROAD
City,State,Zip:	MACON, GA 31211

AW249
SSE
> 1
1.517 mi.
8010 ft.

OCMULGEE MARKETING INC
3888 NORTHSIDE DR
MACON, GA 31210
Site 2 of 4 in cluster AW

EDR Hist Auto **1020643401**
N/A

Relative:
Higher

EDR Hist Auto

Actual:
379 ft.

Year:	Name:	Type:
1991	OCMULGEE MARKETING INC	Engine Fuels And Oils
1992	OCMULGEE MARKETING INC	Engine Fuels And Oils
1993	OCMULGEE MARKETING INC	Engine Fuels And Oils
1994	OCMULGEE MARKETING INC	Engine Fuels And Oils
1995	OCMULGEE MARKETING INC	Engine Fuels And Oils

AT250
SSE
> 1
1.530 mi.
8078 ft.

CHICK-FIL-A #00813 TOM HILL SR. BLVD.
140 TOM HILL SR. BLVD.
MACON, GA 31210
Site 3 of 8 in cluster AT

FINDS **1026390553**
N/A

Relative:
Higher

FINDS:
Registry ID: 110070688234

Actual:
374 ft.

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHICK-FIL-A #00813 TOM HILL SR. BLVD. (Continued)

1026390553

discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AT251
SSE
> 1
1.530 mi.
8078 ft.

CHICK-FIL-A #00813 TOM HILL SR. BLVD.
140 TOM HILL SR. BLVD.
MACON, GA 31210
Site 4 of 8 in cluster AT

NPDES S127177608
N/A

Relative:
Higher

Actual:
374 ft.

NPDES:	
Name:	CHICK-FIL-A #00813 TOM HILL SR. BLVD.
Address:	140 TOM HILL SR. BLVD.
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR188528
Facility Type Desc:	Not reported
Owner:	Chick-fil-A, Inc.
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	01/06/2020
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Chick-fil-A, Inc.
Postmarked Date:	1/20/2020
Issue Date:	8/1/2018
Permit Status:	In Effect
Total Acres:	1.2
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	In Effect

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AT252 SSE > 1 1.530 mi. 8078 ft.	CHICK-FIL-A #00813 TOM HILL SR. BLVD. 140 TOM HILL SR. BLVD. MACON, GA 31210 Site 5 of 8 in cluster AT	ECHO	1026119231 N/A
Relative: Higher	ECHO: Envid: 1026119231 Registry ID: 110070688234 DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070688234 Name: CHICK-FIL-A #00813 TOM HILL SR. BLVD. Address: 140 TOM HILL SR. BLVD. City,State,Zip: MACON, GA 31210		
Actual: 374 ft.			
AT253 SSE > 1 1.543 mi. 8146 ft.	SALLY BEAUTY SUPPLY #558 164 TOM HILL SR BLVD MACON, GA 31210 Site 6 of 8 in cluster AT	ECHO	1026684604 N/A
Relative: Higher	ECHO: Envid: 1026684604 Registry ID: 110070902824 DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070902824 Name: SALLY BEAUTY SUPPLY #558 Address: 164 TOM HILL SR BLVD City,State,Zip: MACON, GA 31210		
Actual: 368 ft.			
AT254 SSE > 1 1.543 mi. 8146 ft.	SALLY BEAUTY SUPPLY #558 164 TOM HILL SR BLVD MACON, GA 31210 Site 7 of 8 in cluster AT	RCRA-VSQG	1026494967 GAR000088369
Relative: Higher	RCRA-VSQG: Date Form Received by Agency: 20201105 Handler Name: SALLY BEAUTY SUPPLY #558 Handler Address: 164 TOM HILL SR BLVD Handler City,State,Zip: MACON, GA 31210 EPA ID: GAR000088369 Contact Name: DEBBIE MIDDLETON Contact Address: COLORADO BLVD Contact City,State,Zip: DENTON, TX 76210 Contact Telephone: 940-297-4964 Contact Fax: Not reported Contact Email: DMIDDLETON@SALLYBEAUTY.COM Contact Title: ENVIRONMENTAL AND REG COMPLIANCE SPECIALIST EPA Region: 04 Land Type: Private Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator Non-Notifier: Not reported Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Handler Activities State District Owner: GA State District: EKR Mailing Address: GREY HAWK CT. STE 200 Mailing City,State,Zip: CARLSBAD, CA 92010		
Actual: 368 ft.			

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SALLY BEAUTY SUPPLY #558 (Continued)

1026494967

Owner Name:	156 TOM HILL LLC
Owner Type:	Private
Operator Name:	SALLY BEAUTY SUPPLY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201109
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SALLY BEAUTY SUPPLY #558 (Continued)

1026494967

Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U112
Waste Description:	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
Waste Code:	U118
Waste Description:	2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE
Waste Code:	U123
Waste Description:	FORMIC ACID (C,T)
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	156 TOM HILL LLC
Legal Status:	Private
Date Became Current:	19880419
Date Ended Current:	Not reported
Owner/Operator Address:	MULBERRY ST STE 1100
Owner/Operator City,State,Zip:	MACON, GA 31202
Owner/Operator Telephone:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SALLY BEAUTY SUPPLY #558 (Continued)

1026494967

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SALLY BEAUTY SUPPLY LLC
Legal Status: Private
Date Became Current: 19880419
Date Ended Current: Not reported
Owner/Operator Address: 3001 COLORADO BLVD
Owner/Operator City,State,Zip: DENTON, TX 76210
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20201105
Handler Name: SALLY BEAUTY SUPPLY #558
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 446120
NAICS Description: COSMETICS, BEAUTY SUPPLIES, AND PERFUME STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

AT255
SSE
> 1
1.543 mi.
8146 ft.

SALLY BEAUTY SUPPLY #558
164 TOM HILL SR BLVD
MACON, GA 31210

Site 8 of 8 in cluster AT

FINDS 1026776955
N/A

Relative:
Higher
Actual:
368 ft.

FINDS:
Registry ID: 110070902824

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SALLY BEAUTY SUPPLY #558 (Continued)

1026776955

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AZ256
WNW
 > 1
 1.547 mi.
 8167 ft.

BASS PRO SHOP
5000 BASS PRO BOULEVARD
MACON, GA 31210

AST A100356563
N/A

Site 1 of 3 in cluster AZ

Relative:
Higher

AST:

Actual:
384 ft.

Name:	BASS PRO SHOP
Address:	5000 BASS PRO BOULEVARD
City,State,Zip:	MACON, GA 31210
Owner Name:	Blue Rhino
Owner Address:	104 Cambridge Plaza Drive
Owner City/State/Zip:	Winston Salem NC 27104
Number Of Tanks:	40
Tank Capacity:	0
File No:	Not reported

AZ257
WNW
 > 1
 1.547 mi.
 8167 ft.

BASS PRO SECURITY PARKING
5000 BASS PRO BLVD.
MACON, GA 31210

NPDES S127179309
N/A

Site 2 of 3 in cluster AZ

Relative:
Higher

NPDES:

Actual:
384 ft.

Name:	BASS PRO SECURITY PARKING
Address:	5000 BASS PRO BLVD.
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR188BF6
Facility Type Desc:	Not reported
Owner:	Bass Pro Shops
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	11/18/2020
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASS PRO SECURITY PARKING (Continued)

S127179309

District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: Bass Pro Shops
Postmarked Date: 12/2/2020
Issue Date: 8/1/2018
Permit Status: In Effect
Total Acres: 1.1
50 or More Acres Disturbed: N
Impaired Stream Segments: Not reported
TMDL Implementation Plans: Not reported
Common Development Name: Not reported
Active or Term: Active
Coverage Status: Covered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: In Effect

AZ258
WNW
> 1
1.547 mi.
8167 ft.
Relative:
Higher
Actual:
384 ft.

BASS PRO SHOPS
5000 BASS PRO BLVD
MACON, GA 31210
Site 3 of 3 in cluster AZ

FINDS 1022980714
ECHO N/A

FINDS:
Registry ID: 110070017076

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1022980714
Registry ID: 110070017076
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070017076>
Name: BASS PRO SHOPS
Address: 5000 BASS PRO BLVD
City,State,Zip: MACON, GA 31210

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

BA259
SSE
> 1
1.555 mi.
8211 ft.

PURPLE ESTATE LLC
3821 NORTHSIDE DR
MACON, GA 31210

Site 1 of 17 in cluster BA

LUST **S119781950**
N/A

Relative:
Lower

Actual:
360 ft.

LUST:
Name: PURPLE ESTATE LLC
Address: 3821 NORTHSIDE DR
City,State,Zip: MACON, GA 31210
Facility ID: 00110427
Leak ID: Not reported
Description: Not reported
Cleanup Status: NFA - No Further Action
Date Received: 07/31/1997
Project Officer: EPD Migration
Project Name: UST - 1 - PURPLE ESTATE LLC
Site Code Description: Potential GUST trust fund reimbursement site
No Further Action Date: 04/09/1999

BA260
SSE
> 1
1.555 mi.
8211 ft.

CIRCLE K #6714
3821 NORTHSIDE DRIVE
MACON, GA 31210

Site 2 of 17 in cluster BA

AST **A100495164**
N/A

Relative:
Lower

Actual:
360 ft.

AST:
Name: CIRCLE K #6714
Address: 3821 NORTHSIDE DRIVE
City,State,Zip: MACON, GA 31210
Owner Name: Circle K Stores Inc.
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-040

BA261
SSE
> 1
1.555 mi.
8211 ft.

PURPLE ESTATE LLC
3821 NORTHSIDE DR
MACON, GA

Site 3 of 17 in cluster BA

UST **U001474506**
Financial Assurance **N/A**

Relative:
Lower

Actual:
360 ft.

UST:
Name: PURPLE ESTATE LLC
Address: 3821 NORTHSIDE DR
City,State,Zip: MACON, GA

Contact:
LEMIR ID: 139010
Facility ID: 110427
Facility Status: Active
Location Status: Active
Contact First Name: PINKI
Contact Last Name: PATEL
Contact Email: Acc.client89@outlook.com
Company Name: PURPLE ESTATE LLC
Mailing Address: 136 Ashton Hall
Mailing City: MACON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PURPLE ESTATE LLC (Continued)

U001474506

Mailing State: GA
Mailing Zip: 31210
Start Date: Not reported
End Date: Not reported
Contact Telephone: 478 9543321

LEMIR ID: 139010
Facility ID: 110427
Facility Status: Active
Location Status: Active
Contact First Name: Ramon
Contact Last Name: Inciong
Contact Email: rinciong@circlek.com
Company Name: Circle k Inc
Mailing Address: 1100 Situs Court,
Mailing City: Raleigh
Mailing State: NC
Mailing Zip: 27606
Start Date: 2018-12-28 12:42:53
End Date: Not reported
Contact Telephone: 386 9166267

LEMIR ID: 139010
Facility ID: 110427
Facility Status: Active
Location Status: Active
Contact First Name: PRAKASH
Contact Last Name: PATEL
Contact Email: SIMRANPATEL26@YAHOO.COM
Company Name: PURPLES ESTATE LLC
Mailing Address: 136 ASTON HALL
Mailing City: MACON
Mailing State: GA
Mailing Zip: 31210
Start Date: Not reported
End Date: Not reported
Contact Telephone: Not reported

Tank Info:

Tankid: 1
Name: PURPLE ESTATE LLC
Address: 3821 NORTHSIDE DR
Tank Status: Removed from Ground
City: MACON
Tank Material: Not reported
Pipe Type: Pressurized
Overfill Type: Not reported
Install Date: 01/01/1989
Facility ID: 110427
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Copper
Overfill Protection: 0
Overfill Installed: Not reported
Tank Exempt From Spill: 0
Date Spill Device Installed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PURPLE ESTATE LLC (Continued)

U001474506

Tankid: 1A
Name: PURPLE ESTATE LLC
Address: 3821 NORTHSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Not reported
Overfill Type: Ball Float
Install Date: 01/01/1989
Facility ID: 110427
Status Date: Not reported
Product: Regular
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 05/08/1989
Tank Exempt From Spill: 0
Date Spill Device Installed: 05/08/1989

Tankid: 2
Name: PURPLE ESTATE LLC
Address: 3821 NORTHSIDE DR
Tank Status: Removed from Ground
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Not reported
Install Date: 01/01/1989
Facility ID: 110427
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Copper
Overfill Protection: 0
Overfill Installed: Not reported
Tank Exempt From Spill: 0
Date Spill Device Installed: Not reported

Tankid: 2A
Name: PURPLE ESTATE LLC
Address: 3821 NORTHSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Not reported
Overfill Type: Ball Float
Install Date: 01/01/1989
Facility ID: 110427
Status Date: Not reported
Product: Premium
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 05/08/1989
Tank Exempt From Spill: 0
Date Spill Device Installed: 05/08/1989

Tankid: 3
Name: PURPLE ESTATE LLC
Address: 3821 NORTHSIDE DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PURPLE ESTATE LLC (Continued)

U001474506

Tank Status: Removed from Ground
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Not reported
Install Date: 01/01/1989
Facility ID: 110427
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: Not reported
Tank Exempt From Spill: 0
Date Spill Device Installed: Not reported

Tankid: 3A
Name: PURPLE ESTATE LLC
Address: 3821 NORTHSIDE DR
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Not reported
Overfill Type: Ball Float
Install Date: 01/01/1989
Facility ID: 110427
Status Date: Not reported
Product: Diesel
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 05/08/1989
Tank Exempt From Spill: 0
Date Spill Device Installed: 05/08/1989

GA Financial Assurance 1:

Name: PURPLE ESTATE LLC
Address: 3821 NORTHSIDE DR
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 110427
Financial Responsibility: Guarantee
Location Start Date: 04/10/2017
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

BB262
SSE
> 1
1.555 mi.
8212 ft.
Relative:
Lower
Actual:
360 ft.

MID-STATE POOLS & SPAS MACON INC
242 TOM HILL SR BLVD
MACON, GA 31210
Site 1 of 6 in cluster BB

FINDS 1012004928
N/A

FINDS:
Registry ID: 110038265631

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MID-STATE POOLS & SPAS MACON INC (Continued)

1012004928

Click Here:

Environmental Interest/Information System:

SSTS (Section Seven Tracking System) evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BC263
 West
 > 1
 1.558 mi.
 8226 ft.

PROVIDENCE TOWN CENTER ACCESS ROAD
1540 BASS ROAD
MACON, GA 31210
 Site 1 of 11 in cluster BC

ECHO 1025902646
 N/A

Relative:
Higher
Actual:
424 ft.

ECHO:
 Envid: 1025902646
 Registry ID: 110070568745
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070568745>
 Name: PROVIDENCE TOWN CENTER ACCESS ROAD
 Address: 1540 BASS ROAD
 City,State,Zip: MACON, GA 31210

BC264
 West
 > 1
 1.558 mi.
 8226 ft.

PROVIDENCE TOWN CENTER ACCESS ROAD
1540 BASS ROAD
MACON, GA 31210
 Site 2 of 11 in cluster BC

NPDES S127186919
 N/A

Relative:
Higher
Actual:
424 ft.

NPDES:
 Name: PROVIDENCE TOWN CENTER ACCESS ROAD
 Address: 1540 BASS ROAD
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR248B72
 Facility Type Desc: Not reported
 Owner: Bass Capital Group, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2023
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: 01/25/2020
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 07/12/2019
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PROVIDENCE TOWN CENTER ACCESS ROAD (Continued)

S127186919

Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Linear
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Bass Capital Group, LLC
Postmarked Date:	7/25/2019
Issue Date:	8/1/2018
Permit Status:	Terminated
Total Acres:	1
50 or More Acres Disturbed:	N/A
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Terminated
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

BC265
 West
 > 1
 1.558 mi.
 8226 ft.
 Relative:
 Higher
 Actual:
 424 ft.

PROVIDENCE TOWN CENTER ACCESS ROAD
1540 BASS ROAD
MACON, GA 31210
 Site 3 of 11 in cluster BC

FINDS 1025823638
 N/A

FINDS:
 Registry ID: 110070568745

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BC266
 West
 > 1
 1.558 mi.
 8226 ft.
 Relative:
 Higher
 Actual:
 424 ft.

CVS PHARMACY #10357
1544 BASS ROAD
MACON, GA 31210
 Site 4 of 11 in cluster BC

ECHO 1017718056
 N/A

ECHO:
 Envid: 1017718056
 Registry ID: 110056511742
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056511742>
 Name: CVS PHARMACY #10357

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CVS PHARMACY #10357 (Continued)

1017718056

Address: 1544 BASS ROAD
 City,State,Zip: MACON, GA 31210

BC267 **CHERRY BLOSSOM CAR WASH**
West **1548 BASS RD**
> 1 **MACON, GA 31210**

ECHO **1026182212**
N/A

1.558 mi.
8226 ft. **Site 5 of 11 in cluster BC**

Relative: ECHO:
Higher Envid: 1026182212
 Registry ID: 110070740950
Actual: DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070740950>
424 ft. Name: CHERRY BLOSSOM CAR WASH
 Address: 1548 BASS RD
 City,State,Zip: MACON, GA 31210

BC268 **CVS/PHARMACY #10357**
West **1544 BASS ROAD**
> 1 **MACON, GA**

NPDES **S127164557**
N/A

1.558 mi.
8226 ft. **Site 6 of 11 in cluster BC**

Relative: NPDES:
Higher Name: CVS/PHARMACY #10357
Actual: Address: 1544 BASS ROAD
424 ft. City,State,Zip: MACON, GA
 Notice of Intent Num: GAR142468
 Facility Type Desc: Not reported
 Owner: CVS Realty Company
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2018
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: 12/12/2013
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 12/06/2013
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: Not reported
 Postmarked Date: 12/20/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS/PHARMACY #10357 (Continued)

S127164557

Issue Date: 9/23/2013
Permit Status: Terminated
Total Acres: 2
50 or More Acres Disturbed: N
Impaired Stream Segments: N
TMDL Implementation Plans: N
Common Development Name: NA
Active or Term: Terminated
Coverage Status: Noncovered
Lot Numbers: Not reported
NOI Specialist: Jody Sapp
Area Specialist: Not reported
Engineer: Todd Bethune
Action Status: No Longer In Effect

Name: CVS/PHARMACY #10357
Address: 1544 BASS ROAD
City,State,Zip: MACON, GA
Notice of Intent Num: GAR142468
Facility Type Desc: Not reported
Owner: CVS Realty Company
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2013
Permit Action Status: Superseded
Extension Date: Not reported
Termination Date: 12/12/2013
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: Not reported
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Commercial
Common Development Type: Not reported
Related Primary: Not reported
Operator: NA
Postmarked Date: 5/15/2013
Issue Date: 8/1/2008
Permit Status: Terminated
Total Acres: 2
50 or More Acres Disturbed: N
Impaired Stream Segments: N
TMDL Implementation Plans: N
Common Development Name: NA
Active or Term: Terminated
Coverage Status: Noncovered
Lot Numbers: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CVS/PHARMACY #10357 (Continued)

S127164557

NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	Superseded

BC269
West
> 1
1.558 mi.
8226 ft.

CVS PHARMACY #10357
1544 BASS ROAD
MACON, GA 31210

Site 7 of 11 in cluster BC

RCRA-VSQQ 1016453120
FINDS GAR000072405

Relative:
Higher

Actual:
424 ft.

RCRA-VSQQ:		
Date Form Received by Agency:		20200307
Handler Name:	CVS PHARMACY #10357	
Handler Address:		1544 BASS ROAD
Handler City,State,Zip:		MACON, GA 31210
EPA ID:		GAR000072405
Contact Name:		NICOLE WILKINSON
Contact Address:		CVS DR MC2340
Contact City,State,Zip:		WOONSOCKET, RI 02895
Contact Telephone:		401-770-7132
Contact Fax:		Not reported
Contact Email:		NICOLE.WILKINSON@CVSHEALTH.COM
Contact Title:		DIRECTOR, CORPORATE ENVIRONMENTAL
EPA Region:		04
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		GA
State District:		EKR
Mailing Address:		CVS DR MC2340
Mailing City,State,Zip:		WOONSOCKET, RI 02895
Owner Name:		GEORGIA CVS PHARMACY, L.L.C.
Owner Type:		Private
Operator Name:		GEORGIA CVS PHARMACY, L.L.C.
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #10357 (Continued)

1016453120

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200311
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	H

Biennial: List of Years

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #10357 (Continued)

1016453120

Waste Description: SELENIUM
Waste Code: D011
Waste Description: SILVER
Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code: P042
Waste Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE
Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code: P081
Waste Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: GEORGIA CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20131117
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: GEORGIA CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20131117
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CORPORATEENVIRONMENTALTEAM@CVSHEALTH.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: GEORGIA CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20131117
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #10357 (Continued)

1016453120

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GEORGIA CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20131117
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GEORGIA CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20131117
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DRIVE
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GEORGIA CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20131117
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DRIVE
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180206
Handler Name: CVS PHARMACY #10357
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20131211
Handler Name: CVS PHARMACY #10357
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #10357 (Continued)

1016453120

State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20200307
Handler Name: CVS PHARMACY #10357
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 44611
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 446110
NAICS Description: PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violation:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #10357 (Continued)

1016453120

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20190626
Actual Return to Compliance Date: 20190903
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20190902
Enforcement Identifier: 001
Date of Enforcement Action: 20190802
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: GAEKR
Enforcement Responsible Sub-Organization: GCU
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20180301
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #10357 (Continued)

1016453120

Evaluation Responsible Sub-Organization: DOD
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20190626
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: GAEKR
Evaluation Responsible Sub-Organization: GCU
Actual Return to Compliance Date: 20190903
Scheduled Compliance Date: 20190902
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:

Registry ID: 110056511742

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BC270
West
> 1
1.558 mi.
8226 ft.

CHERRY BLOSSOM CAR WASH
1548 BASS RD
MACON, GA 31210

NPDES S127178051
N/A

Site 8 of 11 in cluster BC

Relative:
Higher
Actual:
424 ft.

NPDES:
Name: CHERRY BLOSSOM CAR WASH
Address: 1548 BASS RD
City,State,Zip: MACON, GA 31210
Notice of Intent Num: GAR1886EB
Facility Type Desc: Not reported
Owner: Mark Knight
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2023
Permit Action Status: No Longer In Effect
Extension Date: Not reported
Termination Date: 01/07/2021
Is 303D: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHERRY BLOSSOM CAR WASH (Continued)

S127178051

Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	04/01/2020
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Mark Knight
Postmarked Date:	4/15/2020
Issue Date:	8/1/2018
Permit Status:	Terminated
Total Acres:	1.2
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Terminated
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

BC271
West
> 1
1.558 mi.
8226 ft.
Relative:
Higher
Actual:
424 ft.

CHERRY BLOSSOM CAR WASH
1548 BASS RD
MACON, GA 31210
Site 9 of 11 in cluster BC

FINDS 1026419581
N/A

FINDS:
 Registry ID: 110070740950

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AW272 **CITY OF MACON**
South **3900 NORTHSIDE DRIVE BLDG D**
> 1 **BIBB (County), GA**
1.568 mi.
8281 ft. **Site 3 of 4 in cluster AW**

SPILLS **S119974100**
 N/A

Relative:
Higher
Actual:
380 ft.

SPILLS:
 Name: CITY OF MACON
 Address: 3900 NORTHSIDE DRIVE BLDG D
 City,State,Zip: GA
 CTS Number: Not reported
 Spill Number: Not reported
 UN Number: Not reported
 UN Number2: Not reported
 Report Number: Not reported
 Report Date: Not reported
 Report Time: Not reported
 Spill Date: Not reported
 Spill Time: Not reported
 Incident Type: Not reported
 Material Involved: Not reported
 Quantity: Not reported
 Phase: Not reported
 Radioactive: Not reported
 Material 2: Not reported
 Quantity 2: Not reported
 Phase 2: Not reported
 Radioactive 2: Not reported
 Waterway Impctd: Not reported
 Evacuation: Not reported
 Caller: ELIZABETH POOLE
 Organization: Not reported
 Org Phone: Not reported
 Primary Concern: Sewage spill
 Associate Name: Not reported
 Investigation Date: Not reported
 Resolved: Not reported
 Closure Date: 04/12/2010
 Ten Days Follow Up: Not reported
 Transferred Record: Not reported
 Fire: Not reported
 Police: Not reported
 Sheriff: Not reported
 GSP: Not reported
 Medical: Not reported
 EPA: Not reported
 USCG: Not reported
 EMA: Not reported
 DRN: Not reported
 DOT: Not reported
 Responsible Prty: Not reported
 RP Contact: Not reported
 RP Address: Not reported
 RP Phone: Not reported
 RP City: Not reported
 Action Code: Not reported
 Action: Not reported
 Investigator: Not reported
 EOC Operator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF MACON (Continued)

S119974100

Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	61595
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	04/01/2010
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	3900 NORTHSIDE DRIVE BLDG D
Comments 4:	Not reported
Source:	CITY OF MACON
Comments 5:	Not reported
Details:	FOR 2 WEEKS RAW SEWAGE HAS BEEN DRAINING FROM THE SIDE OF APARTMENT BUILDING D. LANDLORD HAS REPORTED IT TO THE CITY, BUT THE CITY HAS NOT DONE ANYTHING TO FIX IT.
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Georgia
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	3900 NORTHSIDE DRIVE BLDG D
Caller Address 2:	Not reported
Caller City:	MACON
Caller State:	Georgia
Caller Zip:	31210
Comp City:	MACON
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	04/01/2010
Assign Date:	04/01/2010
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Not reported
Active:	Not reported
Facility ID:	Not reported
Approved Date:	Not reported
Facility Status:	Not reported
Spill Action:	
Complaint Code:	61595

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CITY OF MACON (Continued)

S119974100

Code Desc: Initial Investigation
 Event Date: 04/01/2010
 Comments: Tried To Make Contact With The Caller, But Her Line Was Busy. 1135 Was Able To Talk To Caller. She Said She Didn'T Know What The Source Was, But That It Smelled Horrible And It Was Between Their Apt Building And Another Apt Complex. 1139 Tried To Call The Apt Complex (478-xxx-xxxx) And Left Message. Their Answering Machine Gave The Pager # For Their Maintenance Guy. 1140 Paged Maint (478-xxx-xxxx). 1226 Jeff With Maintenance Returned My Page. He Advised That It Is Not Sewage, But A Stagnent Stormwater Canal. They Have Complained To The City, But They Have Not Cleaned It Yet. 1252 I Asked City Of Macon Sewage Dept To Check It Out Just In Case. 1357 Felicia With The City Called Back To Say That Her Team Investigated And It Was Not Sewage. No Further Epd Ert Actions Required.

Investigator: michelle cortes
 Entry Date: 04/01/2010

AW273
South
> 1
1.568 mi.
8281 ft.

CITY OF MACON
MACON, GA
Site 4 of 4 in cluster AW

SPILLS S110274669
N/A

Relative:
Higher
Actual:
380 ft.

SPILLS:
 Name: CITY OF MACON
 Address: Not reported
 City,State,Zip: MACON, GA
 CTS Number: 61595
 Spill Number: Not reported
 UN Number: Not reported
 UN Number2: Not reported
 Report Number: Not reported
 Report Date: Not reported
 Report Time: Not reported
 Spill Date: Not reported
 Spill Time: Not reported
 Incident Type: Not reported
 Material Involved: Not reported
 Quantity: Not reported
 Phase: Not reported
 Radioactive: Not reported
 Material 2: Not reported
 Quantity 2: Not reported
 Phase 2: Not reported
 Radioactive 2: Not reported
 Waterway Impctd: Not reported
 Evacuation: Not reported
 Caller: ELIZABETH POOLE
 Organization: Not reported
 Org Phone: Not reported
 Primary Concern: Not reported
 Associate Name: Not reported
 Investigation Date: Not reported
 Resolved: Not reported
 Closure Date: Not reported
 Ten Days Follow Up: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF MACON (Continued)

S110274669

Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	04/01/2010
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Not reported
Comments 4:	Not reported
Source:	CITY OF MACON
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF MACON (Continued)

S110274669

Caller State: Not reported
Caller Zip: Not reported
Comp City: Not reported
Branch: Not reported
BDesc: Not reported
Program: Not reported
Prog Desc: Not reported
Accept Date: Not reported
Assign Date: Not reported
FUI Need: Not reported
Refer 2: Not reported
Contact: Not reported
Active: Not reported
Facility ID: Not reported
Approved Date: Not reported
Facility Status: Not reported

BA274
SSE
> 1
1.573 mi.
8303 ft.
Relative:
Lower

LITTLE SUPER COIN LAUNDRY
3827 NORTHSIDE DR
MACON, GA 31204
Site 4 of 17 in cluster BA

EDR Hist Cleaner **1014929434**
N/A

Actual:
360 ft.

Year: Name: Type:
1980 LITTLE SUPER COIN LAUNDRY LAUNDRIES AND DRY CLEANERS
1985 LITTLE SUPER COIN LAUNDRY LAUNDRIES AND DRY CLEANERS

BB275
SSE
> 1
1.577 mi.
8327 ft.

KROGER FUEL CENTER GA- 378
220 TOM HILL SR. BLVD
MACON, GA
Site 2 of 6 in cluster BB

AST **A100499335**
N/A

Relative:
Lower
Actual:
350 ft.

AST:
Name: KROGER FUEL CENTER GA- 378
Address: 220 TOM HILL SR. BLVD
City,State,Zip: MACON, GA
Owner Name: The Kroger
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-258

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BB276 **KROGER 378**
SSE **220 TOM HILL SR BLVD**
> 1 **MACON, GA**
1.577 mi.
8327 ft. **Site 3 of 6 in cluster BB**

UST **U004197872**
Financial Assurance **N/A**

Relative:
Lower
Actual:
350 ft.

UST:
Name: KROGER 378
Address: 220 TOM HILL SR BLVD
City,State,Zip: MACON, GA

Contact:
LEMIR ID: 162745
Facility ID: 10002161
Facility Status: Active
Location Status: Active
Contact First Name: Kyle
Contact Last Name: Branch
Contact Email: kyle.branch@kroger.com
Company Name: Kroger
Mailing Address: 2175 Parklake Dr
Mailing City: Atlanta
Mailing State: GA
Mailing Zip: 30045
Start Date: Not reported
End Date: Not reported
Contact Telephone: 770 4967400

LEMIR ID: 162745
Facility ID: 10002161
Facility Status: Active
Location Status: Active
Contact First Name: Scott
Contact Last Name: Chapski
Contact Email: scott.chapski@kroger.com
Company Name: Kroger
Mailing Address: 2175 Parklake Dr
Mailing City: Atlanta
Mailing State: GA
Mailing Zip: 30345
Start Date: 2018-12-14 08:40:32
End Date: Not reported
Contact Telephone: 770 4963091

Tank Info:
Tankid: 1
Name: KROGER 378
Address: 220 TOM HILL SR BLVD
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 08/30/2012
Facility ID: 10002161
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Double-Walled Flex
Overfill Protection: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KROGER 378 (Continued)

U004197872

Overfill Installed: 09/21/2012
Tank Exempt From Spill: 0
Date Spill Device Installed: 09/21/2012

Tankid: 2A
Name: KROGER 378
Address: 220 TOM HILL SR BLVD
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 08/30/2012
Facility ID: 10002161
Status Date: Not reported
Product: Diesel
Pipe Material: Double-Walled Flex
Overfill Protection: 0
Overfill Installed: 09/21/2012
Tank Exempt From Spill: 0
Date Spill Device Installed: 09/21/2012

Tankid: 2B
Name: KROGER 378
Address: 220 TOM HILL SR BLVD
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 08/30/2012
Facility ID: 10002161
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Double-Walled Flex
Overfill Protection: 0
Overfill Installed: 09/21/2012
Tank Exempt From Spill: 0
Date Spill Device Installed: 09/21/2012

GA Financial Assurance 1:

Name: KROGER 378
Address: 220 TOM HILL SR BLVD
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 10002161
Financial Responsibility: Insurance
Location Start Date: 12/04/2012
Location End Date: Not reported
Location Status: Active
Location Type: Gas Station
Facility Status: ACTIVE

MAP FINDINGS

Map ID Direction Distance Elevation		Database(s)	EDR ID Number EPA ID Number
--	--	-------------	--------------------------------

BB277 SSE > 1 1.577 mi. 8327 ft.	KROGER #011-0378 220 TOM HILL SR BLVD MACON, GA 31210 Site 4 of 6 in cluster BB	FINDS ECHO	1017719082 N/A
--	--	-----------------------------	---------------------------------

Relative: FINDS:
Lower Registry ID: 110058884346

Actual:
350 ft. Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
 Envid: 1017719082
 Registry ID: 110058884346
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110058884346>
 Name: KROGER #011-0378
 Address: 220 TOM HILL SR BLVD
 City,State,Zip: MACON, GA 31210

BB278 SSE > 1 1.577 mi. 8327 ft.	KROGER #011-0378 220 TOM HILL SR BLVD MACON, GA 31210 Site 5 of 6 in cluster BB	RCRA-VSQG	1016675496 GAR000072959
--	--	------------------	--

Relative: RCRA-VSQG:
Lower Date Form Received by Agency: 20180702

Actual: Handler Name: KROGER #011-0378
350 ft. Handler Address: 220 TOM HILL SR BLVD
 Handler City,State,Zip: MACON, GA 31210
 EPA ID: GAR000072959
 Contact Name: STEPHANIE BARLOW
 Contact Address: VINE ST., 3RD FLOOR
 Contact City,State,Zip: CINCINNATI, OH 45202
 Contact Telephone: 513-698-1710
 Contact Fax: Not reported
 Contact Email: STEPHANIE.BARLOW@KROGER.COM
 Contact Title: ENVIRONMENTAL COMPLIANCE SPECIALIST
 EPA Region: 04
 Land Type: Private
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: VINE ST., 3RD FLOOR
 Mailing City,State,Zip: CINCINNATI, OH 45202

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KROGER #011-0378 (Continued)

1016675496

Owner Name:	THE KROGER CO.
Owner Type:	Private
Operator Name:	THE KROGER CO.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180709
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KROGER #011-0378 (Continued)

1016675496

Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KROGER #011-0378 (Continued)

1016675496

Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, & SALTS
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U010
Waste Description:	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[(AMINOCARBONYLOXY)METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
Waste Code:	U035
Waste Description:	BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Waste Code:	U059
Waste Description:	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN
Waste Code:	U089
Waste Description:	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U132
Waste Description:	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
Waste Code:	U144
Waste Description:	ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE
Waste Code:	U150
Waste Description:	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
Waste Code:	U187
Waste Description:	ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U200
Waste Description:	RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KROGER #011-0378 (Continued)

1016675496

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U202
Waste Description: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

Waste Code: U204
Waste Description: SELENIOUS ACID (OR) SELENIUM DIOXIDE

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: THE KROGER CO
Legal Status: Private
Date Became Current: 19880514
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE KROGER CO
Legal Status: Private
Date Became Current: 19880514
Date Ended Current: Not reported
Owner/Operator Address: 2175 PARKLAKE DR
Owner/Operator City,State,Zip: ATLANTA, GA 30345
Owner/Operator Telephone: 770-496-7557
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE KROGER CO.
Legal Status: Private
Date Became Current: 19880514
Date Ended Current: Not reported
Owner/Operator Address: 1014 VINE ST., 3RD FLOOR
Owner/Operator City,State,Zip: CINCINNATI, OH 45202
Owner/Operator Telephone: 513-698-1710
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: STEPHANIE.BARLOW@KROGER.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: THE KROGER CO
Legal Status: Private
Date Became Current: 19880514
Date Ended Current: Not reported
Owner/Operator Address: 2175 PARKLAKE DR
Owner/Operator City,State,Zip: ATLANTA, GA 30345

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KROGER #011-0378 (Continued)

1016675496

Owner/Operator Telephone:	770-496-7557
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE KROGER CO
Legal Status:	Private
Date Became Current:	19880514
Date Ended Current:	Not reported
Owner/Operator Address:	2175 PARKLAKE DR
Owner/Operator City,State,Zip:	ATLANTA, GA 30345
Owner/Operator Telephone:	770-496-7557
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE KROGER CO
Legal Status:	Private
Date Became Current:	19880514
Date Ended Current:	Not reported
Owner/Operator Address:	2175 PARKLAKE DR
Owner/Operator City,State,Zip:	ATLANTA, GA 30345
Owner/Operator Telephone:	770-496-7557
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE KROGER CO.
Legal Status:	Private
Date Became Current:	19880514
Date Ended Current:	Not reported
Owner/Operator Address:	220 TOM HILL SR BLVD
Owner/Operator City,State,Zip:	MACON, GA 31210
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE KROGER CO
Legal Status:	Private
Date Became Current:	19880514
Date Ended Current:	Not reported
Owner/Operator Address:	2175 PARKLAKE DR
Owner/Operator City,State,Zip:	ATLANTA, GA 30345
Owner/Operator Telephone:	770-496-7557
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20140418
Handler Name:	KROGER #0378-011
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KROGER #011-0378 (Continued)

1016675496

State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140311
Handler Name: KROGER #0378-011
Federal Waste Generator Description: Large Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140415
Handler Name: KROGER #0378-011
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180702
Handler Name: KROGER #011-0378
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 44511
NAICS Description: SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KROGER #011-0378 (Continued)

1016675496

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

BB279
SSE
 > 1
 1.577 mi.
 8327 ft.

KROGER FUEL CENTER GA-378
220 TOM HILL SR. BLVD.
MACON, GA

NPDES S127162896
N/A

Site 6 of 6 in cluster BB

Relative:
Lower
Actual:
350 ft.

NPDES:
 Name: KROGER FUEL CENTER GA-378
 Address: 220 TOM HILL SR. BLVD.
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR133672
 Facility Type Desc: Not reported
 Owner: The Kroger Store
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2013
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: 10/17/2013
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: Not reported
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: NA
 Postmarked Date: 2/24/2012
 Issue Date: 8/1/2008
 Permit Status: Terminated
 Total Acres: 1.4
 50 or More Acres Disturbed: N
 Impaired Stream Segments: N
 TMDL Implementation Plans: N
 Common Development Name: NA
 Active or Term: Terminated
 Coverage Status: Noncovered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BA280 **A & T NORTHSIDE CLEANERS**
SSE **3823 NORTHSIDE DR**
> 1 **MACON, GA 31204**

EDR Hist Cleaner **1014929531**
N/A

1.577 mi.
8328 ft. **Site 5 of 17 in cluster BA**

Relative: EDR Hist Cleaner
Lower

Actual:
359 ft.

Year:	Name:	Type:
1987	A & T NORTHSIDE CLEANERS	Coin-Operated Laundries And Cleaning CLEANERS AND DYERS
1990	A & T NORTHSIDE CLEANERS	Coin-Operated Laundries And Cleaning, NEC
1990	A & T NORTHSIDE CLEANERS	Coin-Operated Laundries And Cleaning, NEC
1991	A & T NORTHSIDE CLEANERS	Coin-Operated Laundries And Cleaning, NEC
1992	A & T NORTHSIDE CLEANERS	Coin-Operated Laundries And Cleaning, NEC
1993	A & T NORTHSIDE CLEANERS	Coin-Operated Laundries And Cleaning, NEC
1994	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
1995	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
1996	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
1997	A & T NORTHSIDE CLEANERS	CLEANERS
1997	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
1998	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2000	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2001	A & T CLEANERS NORTHSIDE DRYCLN	CLEANERS
2001	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2002	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2003	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2004	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2005	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2006	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2007	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2008	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2009	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2010	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2011	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2012	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2013	A & T CLEANERS INC	Drycleaning Plants, Except Rugs
2014	A & T CLEANERS INC	Drycleaning Plants, Except Rugs

BA281 **A & T CLEANERS-NORTHSIDE**
SSE **3823 NORTHSIDE DRIVE**
> 1 **MACON, GA 31210**

FINDS **1016137371**
ECHO **N/A**

1.577 mi.
8328 ft. **Site 6 of 17 in cluster BA**

Relative: FINDS:
Lower Registry ID: 110005673707

Actual:
359 ft. Click Here:

Environmental Interest/Information System:
 AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A & T CLEANERS-NORTHSIDE (Continued)

1016137371

of the Clean Air Act.
 AIR - NOT APPLICABLE
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016137371
 Registry ID: 110005673707
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005673707>
 Name: A & T CLEANERS-NORTHSIDE
 Address: 3823 NORTHSIDE DRIVE
 City,State,Zip: MACON, GA 31210

BA282
SSE
 > 1
 1.577 mi.
 8328 ft.

A & T NORTHSIDE CLEANERS
3823 NORTHSIDE DR
MACON, GA 31210

RCRA NonGen / NLR **1000133208**
US AIRS **GAD981218738**

Site 7 of 17 in cluster BA

Relative:
Lower
Actual:
359 ft.

RCRA NonGen / NLR:
 Date Form Received by Agency: 20070613
 Handler Name: A & T NORTHSIDE CLEANERS
 Handler Address: 3823 NORTHSIDE DR
 Handler City,State,Zip: MACON, GA 31210
 EPA ID: GAD981218738
 Contact Name: W.O. TAYLOR
 Contact Address: 3823 NORTHSIDE DR
 Contact City,State,Zip: MACON, GA 31210
 Contact Telephone: 912-474-0618
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 04
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: GA
 State District: BB
 Mailing Address: NORTHSIDE DR
 Mailing City,State,Zip: MACON, GA 31210
 Owner Name: TAYLOR W O
 Owner Type: Private
 Operator Name: OPERNAME
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A & T NORTHSIDE CLEANERS (Continued)

1000133208

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20070614
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: F002
 Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A & T NORTHSIDE CLEANERS (Continued)

1000133208

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TAYLOR W O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OWNERSTREET
Owner/Operator City,State,Zip:	OWNERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TAYLOR W O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OWNERSTREET
Owner/Operator City,State,Zip:	OWNERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A & T NORTHSIDE CLEANERS (Continued)

1000133208

Historic Generators:

Receive Date: 19860826
Handler Name: A & T NORTHSIDE CLEANERS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070613
Handler Name: A & T NORTHSIDE CLEANERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: GA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violation:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A & T NORTHSIDE CLEANERS (Continued)

1000133208

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 19880922
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

US AIRS MINOR:

Envid: 1000133208
Region Code: 04
Programmatic ID: AIR GA00000013021DC008
Facility Registry ID: 110005673707
D and B Number: Not reported
Primary SIC Code: 7219
NAICS Code: 999999
Default Air Classification Code: NAP
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 04
Programmatic ID: AIR GA00000013021DC008
Facility Registry ID: 110005673707
Air Operating Status Code: OPR
Default Air Classification Code: NAP
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2014-10-19 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Case File Data Entered

Region Code: 04
Programmatic ID: AIR GA00000013021DC008

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A & T NORTHSIDE CLEANERS (Continued)

1000133208

Facility Registry ID: 110005673707
 Air Operating Status Code: OPR
 Default Air Classification Code: NAP
 Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
 Activity Date: 1996-10-24 00:00:00
 Activity Status Date: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

BA283
SSE
 > 1
 1.577 mi.
 8328 ft.

A & T NORTHSIDE CLEANERS
3823 NORTHSIDE DR
MACON, GA 31210

GA NON-HSI **S106897975**
DRYCLEANERS **N/A**

Site 8 of 17 in cluster BA

Relative:
Lower
Actual:
359 ft.

NON HSI:
 Name: A & T DRY CLEANERS
 Address: 3823 NORTHSIDE DRIVE
 City,State,Zip: MACON, GA 31210
 Latitude: 32.897778
 Longitude: 83.694167
 Ground Water Pathway Score: 6.50
 On-Site Pathway Score: 19.80
 Report Date: 11/14/2016
 Additional Info: Tax Parcel: N043-0088
 Contamination: Tetrachloroethene

DRYCLN:
 Name: A & T CLEANERS
 Address: 3823 NORTHSIDE DRIVE
 City,State,Zip: MACON, GA 31210
 Contact Name: Not reported
 Phone Number: Not reported
 Contact Name: Not reported
 MSA code: Not reported
 MSA desc: Not reported
 CBSA code: Not reported
 CBSA descr: Not reported
 Metro Micro Indicator: Not reported
 CSA code: Not reported
 Csa descr: Not reported
 Census tract: Not reported
 Census block group: Not reported
 Latitude: Not reported
 Longitude: Not reported
 Match level code: Not reported
 Secondary address: Not reported
 Secondary city: Not reported
 Secondary state: Not reported
 Secondary zip10: Not reported
 Secondary carrier route code: Not reported
 Fax number: Not reported
 Toll free number: Not reported
 Web site: Not reported
 Selected SIC code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A & T NORTHSIDE CLEANERS (Continued)

S106897975

Selected SIC desc:	Not reported
Primary SIC code:	Not reported
Primary SIC desc:	Not reported
NAICS code:	Not reported
NAICS desc:	Not reported
Location employment size code:	Not reported
Location employment size desc:	Not reported
Actual location employment size:	Not reported
Modeled employment size:	Not reported
Location sales volume code:	Not reported
Location sales volume desc:	Not reported
Actual location sales volume:	Not reported
Corporate sales volume code:	Not reported
Corporate sales volume desc:	Not reported
Actual corporate sales volume:	Not reported
Asset size:	Not reported
Name:	Not reported
Title:	Not reported
Ethnicity code:	Not reported
Infousa id:	Not reported
Site Number:	Not reported
HQ branch code:	Not reported
HQ branch desc:	Not reported
Public company indicator code:	Not reported
Public filing indicator:	Not reported
Individual firm code:	Not reported
Individual firm desc:	Not reported
Year SIC added:	Not reported
Year first appeared in yellow pages:	Not reported
Yellow page code:	Not reported
Transaction date:	Not reported
Call status code:	Not reported
Call status desc:	Not reported
Credit score code:	Not reported
Credit score desc:	Not reported
Actual credit score:	Not reported
Ad size code:	Not reported
Population code:	Not reported
Population desc:	Not reported
Square footage code:	Not reported
Square footage desc:	Not reported
Radial distance from target element:	Not reported
Actnumbus multitenant location:	Not reported
Building num multi tenant:	Not reported
Number of pcs code:	Not reported
Affluent neighborhood location:	Not reported
Big business:	Not reported
Female owner exec:	Not reported
Highincomeexec:	Not reported
Hightechbusiness:	Not reported
Medium size business entrepreneur:	Not reported
Small business entrepreneur:	Not reported
Tertiary address:	Not reported
Tertiary city:	Not reported
Tertiary state:	Not reported
Tertiary zip10:	Not reported
White collar percentage:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A & T NORTHSIDE CLEANERS (Continued)

S106897975

White collar indicator:	Not reported
Production date:	Not reported
Obsolescence date:	Not reported
Source:	Not reported
Bookno:	Not reported
Name:	A & T NORTHSIDE CLEANERS
Address:	3823 NORTHSIDE DR
City,State,Zip:	MACON, GA 31210-2414
Contact Name:	Robert T Taylor
Phone Number:	478-474-0618
Contact Name:	Robert T Taylor
MSA code:	4680
MSA desc:	MACON, GA
CBSA code:	31420
CBSA descr:	MACON, GA
Metro Micro Indicator:	2
CSA code:	356
Csa descr:	MACON-WARNER ROBINS-FORT VALLEY, GA
Census tract:	13402
Census block group:	2
Latitude:	32.897711000000001
Longitude:	-83.693702999999999
Match level code:	0
Secondary address:	3823 Northside Dr
Secondary city:	Macon
Secondary state:	GA
Secondary zip10:	31210-2414
Secondary carrier route code:	C098
Fax number:	Not reported
Toll free number:	Not reported
Web site:	Not reported
Selected SIC code:	721201
Selected SIC desc:	Cleaners
Primary SIC code:	721201
Primary SIC desc:	Cleaners
NAICS code:	81232002
NAICS desc:	Drycleaning & Laundry Svcs
Location employment size code:	A
Location employment size desc:	2008-01-04 00:00:00
Actual location employment size:	1
Modeled employment size:	A
Location sales volume code:	A
Location sales volume desc:	Less Than \$500,000
Actual location sales volume:	60
Corporate sales volume code:	Not reported
Corporate sales volume desc:	Not reported
Actual corporate sales volume:	Not reported
Asset size:	S
Name:	Mr Robert T Taylor
Title:	Owner
Ethnicity code:	British
Infousa id:	128935145
Site Number:	650922529
HQ branch code:	9
HQ branch desc:	Single Loc
Public company indicator code:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A & T NORTHSIDE CLEANERS (Continued)

S106897975

Public filing indicator: N
Individual firm code: 2
Individual firm desc: Firm/Business
Year SIC added: 200110
Year first appeared in yellow pages: 1984
Yellow page code: 18306
Transaction date: 200110
Call status code: N
Call status desc: Refusal
Credit score code: A
Credit score desc: 90 to 94
Actual credit score: 92
Ad size code: In-Column
Population code: 6
Population desc: 50,000 - 99,000
Square footage code: A
Square footage desc: 0 - 2,499
Radial distance from target element: .
Actnumbus multitenant location: 4-Feb
Building num multi tenant: 2784463
Number of pcs code: 0 - 1 PCs
Affluent neighborhood location: N
Big business: N
Female owner exec: N
Highincomeexec: N
Hightechbusiness: N
Medium size business entrepreneur: N
Small business entrepreneur: Y
Tertiary address: Not reported
Tertiary city: Not reported
Tertiary state: Not reported
Tertiary zip10: Not reported
White collar percentage: 29
White collar indicator: 0
Production date: 12/02/2008
Obsolescence date: 06/02/2009
Source: infoUSA
Bookno: 14840

BA284 **CIRCLE K**
SSE **3802 NORTHSIDE DRIVE**
> 1 **MACON, GA 31210**
1.592 mi.
8405 ft. **Site 9 of 17 in cluster BA**

AST **A100327925**
N/A

Relative: **AST:**
Lower Name: CIRCLE K
 Address: 3802 NORTHSIDE DRIVE
Actual: City,State,Zip: MACON, GA 31210
357 ft. Owner Name: Amerigas
 Owner Address: P O Box 22
 Owner City/State/Zip: warner Robins GA 31094
 Number Of Tanks: 24
 Tank Capacity: 320
 File No: Not reported

MAP FINDINGS

Map ID Direction Distance Elevation		Database(s)	EDR ID Number EPA ID Number
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BA288 SSE > 1 1.592 mi. 8405 ft.	PAN AM NUMBER NINE 3802 NORTHSIDE DR MACON, GA 31210 Site 13 of 17 in cluster BA EDR Hist Auto	EDR Hist Auto	1014930258 N/A
Relative: Lower	Year: Name: Type: 1997 PAN AM NUMBER NINE GASOLINE STATIONS		
Actual: 357 ft.			

BC289 West > 1 1.600 mi. 8446 ft.	HOLIDAY INN EXPRESS & SUITES 240 N. MACON STREET MACON, GA 31210 Site 10 of 11 in cluster BC FINDS: Registry ID: 110070074258 Click Here:	FINDS ECHO	1023660147 N/A
Relative: Higher			
Actual: 410 ft.			

Environmental Interest/Information System:
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
 Envid: 1023660147
 Registry ID: 110070074258
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070074258>
 Name: HOLIDAY INN EXPRESS & SUITES
 Address: 240 N. MACON STREET
 City,State,Zip: MACON, GA 31210

BC290 West > 1 1.600 mi. 8446 ft.	HOLIDAY INN EXPRESS & SUITES 240 N. MACON STREET MACON, GA 31210 Site 11 of 11 in cluster BC NPDES: Name: HOLIDAY INN EXPRESS & SUITES Address: 240 N. MACON STREET City,State,Zip: MACON, GA 31210 Notice of Intent Num: GAR152665 Facility Type Desc: Not reported Owner: Bass Hospitality Group, LLC Sic Code: Not reported Effective Date: Not reported Expiration Date: 07/31/2018	NPDES	S127171178 N/A
Relative: Higher			
Actual: 410 ft.			

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOLIDAY INN EXPRESS & SUITES (Continued)

S127171178

Permit Action Status:	Superseded
Extension Date:	Not reported
Termination Date:	08/16/2018
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	02/07/2017
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Not reported
Postmarked Date:	2/18/2017
Issue Date:	9/23/2013
Permit Status:	Terminated
Total Acres:	3.6
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	NA
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Jody Sapp
Area Specialist:	Not reported
Engineer:	Elnora Vinson
Action Status:	Superseded
Name:	HOLIDAY INN EXPRESS & SUITES
Address:	240 N. MACON STREET
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR152665
Facility Type Desc:	Not reported
Owner:	Dee Patel
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	08/16/2018
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	08/14/2018
Owner First Name:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HOLIDAY INN EXPRESS & SUITES (Continued)

S127171178

Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Dee Patel
Postmarked Date:	8/28/2018
Issue Date:	8/1/2018
Permit Status:	Terminated
Total Acres:	3.6
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	NA
Active or Term:	Terminated
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

BD291
SE
> 1
1.602 mi.
8457 ft.

HUTCHINSON AUTO MALL
3989 RIVER PLACE DR
MACON, GA 31210
Site 1 of 3 in cluster BD

RCRA NonGen / NLR **1010563144**
GAR000051342

Relative:
Lower
Actual:
317 ft.

RCRA NonGen / NLR:	
Date Form Received by Agency:	20090513
Handler Name:	HUTCHINSON AUTO MALL
Handler Address:	3989 RIVER PLACE DR
Handler City,State,Zip:	MACON, GA 31210
EPA ID:	GAR000051342
Contact Name:	BARRY BRITTIAIN
Contact Address:	RIVERPLACE DR
Contact City,State,Zip:	MACON, GA 31210
Contact Telephone:	770-598-3778
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	RIVERPLACE DR
Mailing City,State,Zip:	MACON, GA 31210

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HUTCHINSON AUTO MALL (Continued)

1010563144

Owner Name:	FOREST HERNDON
Owner Type:	Private
Operator Name:	FOREST HERNDON
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20090513
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUTCHINSON AUTO MALL (Continued)

1010563144

Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: FOREST HERNDON
Legal Status: Private
Date Became Current: 20061016
Date Ended Current: Not reported
Owner/Operator Address: 3989 RIVER PLACE DR
Owner/Operator City,State,Zip: MACON, GA 31210
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUTCHINSON AUTO MALL (Continued)

1010563144

Owner/Operator Indicator: Operator
Owner/Operator Name: FOREST HERNDON
Legal Status: Private
Date Became Current: 20061016
Date Ended Current: Not reported
Owner/Operator Address: 3989 RIVER PLACE DR
Owner/Operator City,State,Zip: MACON, GA 31210
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FOREST HERNDON
Legal Status: Private
Date Became Current: 20061016
Date Ended Current: Not reported
Owner/Operator Address: 3989 RIVER PLACE DR
Owner/Operator City,State,Zip: MACON, GA 31210
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FOREST HERNDON
Legal Status: Private
Date Became Current: 20061016
Date Ended Current: Not reported
Owner/Operator Address: 3989 RIVER PLACE DR
Owner/Operator City,State,Zip: MACON, GA 31210
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20071211
Handler Name: HUTCHINSON AUTO MALL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20090513
Handler Name: HUTCHINSON AUTO MALL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUTCHINSON AUTO MALL (Continued)

1010563144

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 81112
NAICS Description: AUTOMOTIVE BODY, PAINT, INTERIOR, AND GLASS REPAIR

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

BD292
SE
> 1
1.602 mi.
8457 ft.

HUTCHINSON AUTO MALL
3989 RIVER PLACE DR
MACON, GA 31210
Site 2 of 3 in cluster BD

FINDS 1010695604
ECHO N/A

Relative:
Lower
Actual:
317 ft.

FINDS:
Registry ID: 110032964291

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1010695604
Registry ID: 110032964291
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110032964291>
Name: HUTCHINSON AUTO MALL
Address: 3989 RIVER PLACE DR
City,State,Zip: MACON, GA 31210

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BD293 **HUCKABEE AUTO COMPANY GENL AUTO REPR SHOP**
SE **3989 RIVER PLACE DR**
> 1 **MACON, GA 31210**
1.602 mi.
8457 ft. **Site 3 of 3 in cluster BD**

EDR Hist Auto **1014930903**
N/A

Relative: EDR Hist Auto
Lower

Actual: 317 ft.	Year:	Name:	Type:
	1996	HUCKABEE AUTO COMPANY INC	General Automotive Repair Shops
	1997	HUCKABEE AUTO COMPANY INC	General Automotive Repair Shops
	1998	HUCKABEE AUTO COMPANY INC	General Automotive Repair Shops
	1999	HUCKABEE AUTO COMPANY INC	General Automotive Repair Shops
	2000	HUCKABEE AUTO COMPANY INC	General Automotive Repair Shops
	2001	HUCKABEE AUTO COMPANY GENL AUTO	AUTOMOBILE REPAIRING & SERVICE
	2001	HUCKABEE AUTO COMPANY INC	General Automotive Repair Shops
	2002	HUCKABEE AUTO COMPANY INC	General Automotive Repair Shops
	2003	HUCKABEE AUTO COMPANY INC	General Automotive Repair Shops
	2008	HUTCHINSON AUTOMOTIVE INC	General Automotive Repair Shops
	2009	HUTCHINSON AUTOMOTIVE INC	General Automotive Repair Shops
	2010	HUTCHINSON AUTOMOTIVE INC	General Automotive Repair Shops
	2011	HUTCHINSON AUTOMOTIVE INC	General Automotive Repair Shops
	2012	HUTCHINSON AUTOMOTIVE INC	General Automotive Repair Shops
	2013	HUTCHINSON AUTOMOTIVE INC	General Automotive Repair Shops
	2014	HUTCHINSON AUTOMOTIVE INC	General Automotive Repair Shops

BA294 **PRO TIRE**
SSE **3787 NORTHSIDE DRIVE**
> 1 **MACON, GA 31210**
1.606 mi.
8482 ft. **Site 14 of 17 in cluster BA**

ICIS **1005508113**
US AIRS **N/A**
FINDS
ECHO

Relative: ICIS:
Lower

Actual: Enforcement Action ID: 04-000F000130214090200002
360 ft. FRS ID: 110007083324
 Action Name: PRO TIRE 130214090200002
 Facility Name: PRO TIRE
 Facility Address: 3787 NORTHSIDE DRIVE
 MACON, GA 00000

 Enforcement Action Type: Notice of Violation
 Facility County: BIBB
 Program System Acronym: AIR
 Enforcement Action Forum Desc: Administrative - Informal
 EA Type Code: NOV
 Facility SIC Code: 5014
 Federal Facility ID: Not reported
 Latitude in Decimal Degrees: 32.89743
 Longitude in Decimal Degrees: -83.69237
 Permit Type Desc: Not reported
 Program System Acronym: 040000001302140902
 Facility NAICS Code: 999999
 Tribal Land Code: Not reported

US AIRS MINOR:
 Envid: 1005508113
 Region Code: 04
 Programmatic ID: AIR 040000001319340001
 Facility Registry ID: 110063233200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRO TIRE (Continued)

1005508113

D and B Number: Not reported
Primary SIC Code: 5014
NAICS Code: 999999
Default Air Classification Code: NAP
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 04
Programmatic ID: AIR 040000001319340001
Facility Registry ID: 110063233200
Air Operating Status Code: OPR
Default Air Classification Code: NAP
Air Program: Stratospheric Ozone Protection
Activity Date: 1998-09-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR 040000001319340001
Facility Registry ID: 110063233200
Air Operating Status Code: OPR
Default Air Classification Code: NAP
Air Program: Stratospheric Ozone Protection
Activity Date: 1998-09-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Envid: 1005508113
Region Code: 04
Programmatic ID: AIR 040000001302140902
Facility Registry ID: 110007083324
D and B Number: Not reported
Primary SIC Code: 5014
NAICS Code: 999999
Default Air Classification Code: NAP
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 04
Programmatic ID: AIR 040000001302140902
Facility Registry ID: 110007083324
Air Operating Status Code: OPR
Default Air Classification Code: NAP
Air Program: Stratospheric Ozone Protection
Activity Date: Not reported
Activity Status Date: 2014-10-19 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Case File Data Entered

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRO TIRE (Continued)

1005508113

Region Code: 04
Programmatic ID: AIR 040000001302140902
Facility Registry ID: 110007083324
Air Operating Status Code: OPR
Default Air Classification Code: NAP
Air Program: Stratospheric Ozone Protection
Activity Date: 1998-09-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR 040000001302140902
Facility Registry ID: 110007083324
Air Operating Status Code: OPR
Default Air Classification Code: NAP
Air Program: Stratospheric Ozone Protection
Activity Date: 1998-12-24 00:00:00
Activity Status Date: 1998-12-24 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:

Registry ID: 110007083324

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR - NOT APPLICABLE

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1005508113
Registry ID: 110007083324
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007083324>
Name: PRO TIRE
Address: 3787 NORTHSIDE DRIVE
City,State,Zip: MACON, GA 31210

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
BA295 SSE > 1 1.625 mi. 8579 ft.	COSMOPROF #66220 3780 NORTHSIDE DR MACON, GA 31210 Site 15 of 17 in cluster BA	ECHO	1026672095 N/A
Relative: Lower Actual: 354 ft.	ECHO: Envid: 1026672095 Registry ID: 110070899212 DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070899212 Name: COSMOPROF #66220 Address: 3780 NORTHSIDE DR City,State,Zip: MACON, GA 31210		
BA296 SSE > 1 1.625 mi. 8579 ft.	COSMOPROF #66220 3780 NORTHSIDE DR MACON, GA 31210 Site 16 of 17 in cluster BA	FINDS	1026773807 N/A
Relative: Lower Actual: 354 ft.	FINDS: Registry ID: 110070899212 Click Here: Environmental Interest/Information System: RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA. <u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.		
BA297 SSE > 1 1.625 mi. 8579 ft.	COSMOPROF #66220 3780 NORTHSIDE DR MACON, GA 31210 Site 17 of 17 in cluster BA	RCRA-VSQQ	1026495264 GAR000091603
Relative: Lower Actual: 354 ft.	RCRA-VSQQ: Date Form Received by Agency: 20201207 Handler Name: COSMOPROF #66220 Handler Address: 3780 NORTHSIDE DR Handler City,State,Zip: MACON, GA 31210 EPA ID: GAR000091603 Contact Name: DEBBIE MIDDLETON Contact Address: COLORADO BLVD. Contact City,State,Zip: DENTON, TX 76210 Contact Telephone: 940-297-4964 Contact Fax: Not reported Contact Email: MIDDLETON@SALLYBEAUTY.COM Contact Title: ENVIRONMENTAL AND REG COMPLIANCE SPECIALIST EPA Region: 04 Land Type: Private Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator Non-Notifier: Not reported Biennial Report Cycle: Not reported		

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COSMOPROF #66220 (Continued)

1026495264

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	GA
State District:	EKR
Mailing Address:	GREY HAWK COURT
Mailing City, State, Zip:	CARLSBAD, CA 92010
Owner Name:	SCGIV-MACON LLC
Owner Type:	Private
Operator Name:	BEAUTY SYSTEMS GROUP LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COSMOPROF #66220 (Continued)

1026495264

Handler Date of Last Change:	20201207
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U112
Waste Description:	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
Waste Code:	U118
Waste Description:	2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE
Waste Code:	U123
Waste Description:	FORMIC ACID (C,T)
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BEAUTY SYSTEMS GROUP LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COSMOPROF #66220 (Continued)

1026495264

Legal Status:	Private
Date Became Current:	20181204
Date Ended Current:	Not reported
Owner/Operator Address:	3001 COLORADO BLVD.
Owner/Operator City,State,Zip:	DENTON, TX 76210
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SCGIV-MACON LLC
Legal Status:	Private
Date Became Current:	20181204
Date Ended Current:	Not reported
Owner/Operator Address:	3715 NORTHSIDE PARKWAY NORTH CREEK 200
Owner/Operator City,State,Zip:	ATLANTA, GA 30327
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20201207
Handler Name:	COSMOPROF #66220
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	GA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	446120
NAICS Description:	COSMETICS, BEAUTY SUPPLIES, AND PERFUME STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
-------------	---------------------

Evaluation Action Summary:

Evaluations:	No Evaluations Found
--------------	----------------------

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BE298
 West
 > 1
 1.660 mi.
 8766 ft.

SWEET TREATS BY SHELL
 105 BASS PLANTATION DR
 MACON, GA 31210

EDR Hist Auto **1021899045**
 N/A

Relative:
Higher

EDR Hist Auto

Actual:
415 ft.

Year:	Name:	Type:
2004	SWEET TREATS BY SHELL	Gasoline Service Stations
2005	SWEET TREATS BY SHELL	Gasoline Service Stations
2006	SWEET TREATS BY SHELL	Gasoline Service Stations

BF299
 SSE
 > 1
 1.665 mi.
 8793 ft.

FABRA CARE CLEANERS DRYCLNG PITS
 252 TOM HILL ST
 MACON, GA 31210

EDR Hist Cleaner **1014929405**
 N/A

Relative:
Higher

EDR Hist Cleaner

Actual:
370 ft.

Year:	Name:	Type:
1990	SEARS CLEANERS DRY CLNS	CLEANERS AND DYERS
1997	FABRA CARE DRY CINS	CLEANERS
2001	FABRA CARE CLEANERS DRYCLNG PIT	DRY CLEANERS

BF300
 SSE
 > 1
 1.665 mi.
 8793 ft.

SEARS CLEANERS
 252 TOM HILL SR. BLVD.
 MACON, GA 31204

DRYCLEANERS **S106897587**
 N/A

Relative:
Higher

DRYCLN:

Actual:
370 ft.

Name:	SEARS CLEANERS
Address:	252 TOM HILL SR. BLVD.
City,State,Zip:	MACON, GA 31204
Contact Name:	Not reported
Phone Number:	Not reported
Contact Name:	Not reported
MSA code:	Not reported
MSA desc:	Not reported
CBSA code:	Not reported
CBSA descr:	Not reported
Metro Micro Indicator:	Not reported
CSA code:	Not reported
Csa descr:	Not reported
Census tract:	Not reported
Census block group:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Match level code:	Not reported
Secondary address:	Not reported
Secondary city:	Not reported
Secondary state:	Not reported
Secondary zip10:	Not reported
Secondary carrier route code:	Not reported
Fax number:	Not reported
Toll free number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS CLEANERS (Continued)

S106897587

Web site:	Not reported
Selected SIC code:	Not reported
Selected SIC desc:	Not reported
Primary SIC code:	Not reported
Primary SIC desc:	Not reported
NAICS code:	Not reported
NAICS desc:	Not reported
Location employment size code:	Not reported
Location employment size desc:	Not reported
Actual location employment size:	Not reported
Modeled employment size:	Not reported
Location sales volume code:	Not reported
Location sales volume desc:	Not reported
Actual location sales volume:	Not reported
Corporate sales volume code:	Not reported
Corporate sales volume desc:	Not reported
Actual corporate sales volume:	Not reported
Asset size:	Not reported
Name:	Not reported
Title:	Not reported
Ethnicity code:	Not reported
Infousa id:	Not reported
Site Number:	Not reported
HQ branch code:	Not reported
HQ branch desc:	Not reported
Public company indicator code:	Not reported
Public filing indicator:	Not reported
Individual firm code:	Not reported
Individual firm desc:	Not reported
Year SIC added:	Not reported
Year first appeared in yellow pages:	Not reported
Yellow page code:	Not reported
Transaction date:	Not reported
Call status code:	Not reported
Call status desc:	Not reported
Credit score code:	Not reported
Credit score desc:	Not reported
Actual credit score:	Not reported
Ad size code:	Not reported
Population code:	Not reported
Population desc:	Not reported
Square footage code:	Not reported
Square footage desc:	Not reported
Radial distance from target element:	Not reported
Actnumbus multitenant location:	Not reported
Building num multi tenant:	Not reported
Number of pcs code:	Not reported
Affluent neighborhood location:	Not reported
Big business:	Not reported
Female owner exec:	Not reported
Highincomeexec:	Not reported
Hightechbusiness:	Not reported
Medium size business entrepreneur:	Not reported
Small business entrepreneur:	Not reported
Tertiary address:	Not reported
Tertiary city:	Not reported
Tertiary state:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS CLEANERS (Continued)

S106897587

Tertiary zip10:	Not reported
White collar percentage:	Not reported
White collar indicator:	Not reported
Production date:	Not reported
Obsolescence date:	Not reported
Source:	Not reported
Bookno:	Not reported
Name:	FABRA CARE CLEANERS
Address:	252 TOM HILL SR BLVD
City,State,Zip:	MACON, GA 31210-1815
Contact Name:	Janice Fennell
Phone Number:	478-471-0107
Contact Name:	Janice Fennell
MSA code:	4680
MSA desc:	MACON, GA
CBSA code:	31420
CBSA descr:	MACON, GA
Metro Micro Indicator:	2
CSA code:	356
Csa descr:	MACON-WARNER ROBINS-FORT VALLEY, GA
Census tract:	13402
Census block group:	2
Latitude:	32.89755600000000
Longitude:	-83.68962299999999
Match level code:	0
Secondary address:	252 Tom Hill Sr Blvd
Secondary city:	Macon
Secondary state:	GA
Secondary zip10:	31210-1815
Secondary carrier route code:	C063
Fax number:	Not reported
Toll free number:	Not reported
Web site:	Not reported
Selected SIC code:	721201
Selected SIC desc:	Cleaners
Primary SIC code:	721201
Primary SIC desc:	Cleaners
NAICS code:	81232002
NAICS desc:	Drycleaning & Laundry Svcs
Location employment size code:	A
Location employment size desc:	2008-01-04 00:00:00
Actual location employment size:	2
Modeled employment size:	A
Location sales volume code:	A
Location sales volume desc:	Less Than \$500,000
Actual location sales volume:	120
Corporate sales volume code:	Not reported
Corporate sales volume desc:	Not reported
Actual corporate sales volume:	Not reported
Asset size:	S
Name:	Ms Janice Fennell
Title:	Manager
Ethnicity code:	British
Infousa id:	316725423
Site Number:	316725423
HQ branch code:	9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS CLEANERS (Continued)

S106897587

HQ branch desc: Single Loc
Public company indicator code: 0
Public filing indicator: N
Individual firm code: 2
Individual firm desc: Firm/Business
Year SIC added: 198910
Year first appeared in yellow pages: 1989
Yellow page code: 18306
Transaction date: 198910
Call status code: A
Call status desc: No Answer (3 Attempts)
Credit score code: A
Credit score desc: 90 to 94
Actual credit score: 92
Ad size code: Regular
Population code: 6
Population desc: 50,000 - 99,000
Square footage code: A
Square footage desc: 0 - 2,499
Radial distance from target element: .
Actnumbus multitenant location: 10+
Building num multi tenant: 98486
Number of pcs code: 0 - 1 PCs
Affluent neighborhood location: N
Big business: N
Female owner exec: N
Highincomeexec: N
Hightechbusiness: N
Medium size business entrepreneur: N
Small business entrepreneur: N
Tertiary address: Northpark Ctr
Tertiary city: Macon
Tertiary state: GA
Tertiary zip10: 31210
White collar percentage: 29
White collar indicator: 0
Production date: 12/02/2008
Obsolescence date: 06/02/2009
Source: infoUSA
Bookno: 14840

BE301
West
> 1
1.670 mi.
8816 ft.
Relative:
Higher
Actual:
422 ft.

SSK REALTORS COLDWELL BANKER
1501 BASS ROAD
MACON, GA 31210

Site 2 of 2 in cluster BE

FINDS 1010169118
N/A

FINDS:
Registry ID: 110030464290

Click Here:

Environmental Interest/Information System:

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with

Map ID
 Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SSK REALTORS COLDWELL BANKER (Continued)

1010169118

a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**302
 East
 > 1
 1.685 mi.
 8895 ft.**

**119 WEDGEWOOD COURT.
 MACON, GA**

**SPILLS S108468815
 N/A**

**Relative:
 Higher**

SPILLS:

**Actual:
 511 ft.**

Name:	Not reported
Address:	119 WEDGEWOOD COURT.
City,State,Zip:	MACON, GA
CTS Number:	43990
Spill Number:	Not reported
UN Number:	Not reported
UN Number2:	Not reported
Report Number:	Not reported
Report Date:	Not reported
Report Time:	Not reported
Spill Date:	Not reported
Spill Time:	Not reported
Incident Type:	Not reported
Material Involved:	Not reported
Quantity:	Not reported
Phase:	Not reported
Radioactive:	Not reported
Material 2:	Not reported
Quantity 2:	Not reported
Phase 2:	Not reported
Radioactive 2:	Not reported
Waterway Impctd:	Not reported
Evacuation:	Not reported
Caller:	Not reported
Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	Not reported
Associate Name:	Not reported
Investigation Date:	Not reported
Resolved:	Not reported
Closure Date:	Not reported
Ten Days Follow Up:	Not reported
Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S108468815

USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	JONES CO. UTILITIES
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	01/15/2007
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Not reported
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	"CALLER REPORT A SPILL OF 10 GALLONS OF SEWAGE FROM A MANHOLE ONTO GROUND, NO WOS AFFECTED.9:11 - CONTACTED AND ADVISED JEFF BARNES."
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported
Comp City:	Not reported
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S108468815

Prog Desc: Not reported
Accept Date: Not reported
Assign Date: Not reported
FUI Need: Not reported
Refer 2: Not reported
Contact: Not reported
Active: Not reported
Facility ID: Not reported
Approved Date: Not reported
Facility Status: Not reported

BF303
SSE
> 1
1.688 mi.
8915 ft.

KAYO OIL COMPANY(MINI FOODS STORE 84)
260 TOM HILL SR. BOULEVARD
MACON, GA 31210

AST A100499149
N/A

Site 3 of 6 in cluster BF

Relative:
Higher
Actual:
365 ft.

AST:
Name: KAYO OIL COMPANY(MINI FOODS STORE 84)
Address: 260 TOM HILL SR. BOULEVARD
City,State,Zip: MACON, GA 31210
Owner Name: Mini Foods Store Inc.
Owner Address: Not reported
Owner City/State/Zip: Not reported
Number Of Tanks: Not reported
Tank Capacity: Not reported
File No: 011-SSS-176

BF304
SSE
> 1
1.688 mi.
8915 ft.

CONOCO #10084
260 TOM HILL SR BLVD
MACON, GA 31210

LUST 1006778248
FINDS N/A

Site 4 of 6 in cluster BF

Relative:
Higher
Actual:
365 ft.

LUST:
Name: CONOCO #10084
Address: 260 TOM HILL SR BLVD
City,State,Zip: MACON, GA 31210
Facility ID: 09011104
Leak ID: Not reported
Description: Not reported
Cleanup Status: NFA -Monitoring Only (MNA)
Date Received: 12/12/2000
Project Officer: Ron Wallace
Project Name: UST - 1 - CONOCO #10084
Site Code Description: Owner/Operator funded site
No Further Action Date: 08/06/2004

FINDS:
Registry ID: 110013475809

Click Here:

Environmental Interest/Information System:
GEIMS (Geographic Environmental Information Management System)
provides the EPA and Public a single point of access to core data for

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CONOCO #10084 (Continued)

1006778248

all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BF305
SSE
 > 1
 1.688 mi.
 8915 ft.

CONOCO #10084
260 TOM HILL SR BLVD
MACON, GA

UST **U003004339**
Financial Assurance **N/A**

Site 5 of 6 in cluster BF

Relative:
Higher

UST:

Actual:
365 ft.

Name: CONOCO #10084
 Address: 260 TOM HILL SR BLVD
 City,State,Zip: MACON, GA

Contact:

LEMIR ID: 152000
 Facility ID: 9011104
 Facility Status: Active
 Location Status: Active
 Contact First Name: Rob
 Contact Last Name: Patterson
 Contact Email: minifood@aol.com
 Company Name: Not reported
 Mailing Address: 508 Hillcrest Industrial Blvd
 Mailing City: Macon
 Mailing State: GA
 Mailing Zip: 31204
 Start Date: Not reported
 End Date: Not reported
 Contact Telephone: 478 7426393

Tank Info:

Tankid: 1
 Name: CONOCO #10084
 Address: 260 TOM HILL SR BLVD
 Tank Status: Currently in Use
 City: MACON
 Tank Material: Fiberglass
 Pipe Type: Pressurized
 Overfill Type: Ball Float
 Install Date: 11/01/1988
 Facility ID: 9011104
 Status Date: Not reported
 Product: Diesel
 Pipe Material: Fiberglass Reinforced Plastic
 Overfill Protection: 0
 Overfill Installed: 01/01/1998
 Tank Exempt From Spill: 0
 Date Spill Device Installed: 01/01/1998

Tankid: 2
 Name: CONOCO #10084
 Address: 260 TOM HILL SR BLVD
 Tank Status: Currently in Use
 City: MACON
 Tank Material: Fiberglass

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONOCO #10084 (Continued)

U003004339

Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 11/01/1988
Facility ID: 9011104
Status Date: Not reported
Product: Premium
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 11/01/1988
Tank Exempt From Spill: 0
Date Spill Device Installed: 11/01/1988

Tankid: 3
Name: CONOCO #10084
Address: 260 TOM HILL SR BLVD
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 11/01/1988
Facility ID: 9011104
Status Date: Not reported
Product: Plus
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 01/01/1998
Tank Exempt From Spill: 0
Date Spill Device Installed: 01/01/1998

Tankid: 4
Name: CONOCO #10084
Address: 260 TOM HILL SR BLVD
Tank Status: Currently in Use
City: MACON
Tank Material: Fiberglass
Pipe Type: Pressurized
Overfill Type: Ball Float
Install Date: 11/01/1988
Facility ID: 9011104
Status Date: Not reported
Product: Regular
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: 0
Overfill Installed: 01/01/1998
Tank Exempt From Spill: 0
Date Spill Device Installed: 01/01/1998

GA Financial Assurance 1:

Name: CONOCO #10084
Address: 260 TOM HILL SR BLVD
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 9011104
Financial Responsibility: Insurance
Location Start Date: 04/18/1995

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CONOCO #10084 (Continued)

U003004339

Location End Date: Not reported
 Location Status: Active
 Location Type: Gas Station
 Facility Status: ACTIVE

BF306
SSE
 > 1
 1.688 mi.
 8915 ft.

CONOCO #10084
260 TOM HILL SR BLVD
MACON, GA

RGA LUST S115534560
N/A

Site 6 of 6 in cluster BF

Relative:
Higher
Actual:
365 ft.

RGA LUST:

2012	CONOCO #10084	260 TOM HILL SR BLVD
2011	CONOCO #10084	260 TOM HILL SR BLVD
2010	CONOCO #10084	260 TOM HILL SR BLVD
2009	CONOCO #10084	260 TOM HILL SR BLVD
2008	CONOCO #10084	260 TOM HILL SR BLVD
2007	CONOCO #10084	260 TOM HILL SR BLVD
2006	CONOCO #10084	260 TOM HILL SR BLVD
2005	CONOCO #10084	260 TOM HILL SR BLVD
2004	CONOCO #10084	260 TOM HILL SR BLVD
2003	CONOCO #10084	260 TOM HILL SR BLVD
2002	CONOCO #10084	260 TOM HILL SR BLVD
2001	CONOCO #10084	260 TOM HILL SR BLVD

BG307
SSE
 > 1
 1.698 mi.
 8964 ft.

NEW SPINE CENTER FOR ORTHOGA
3712 NORTHSIDE DRIVE
MACON, GA 31210

NPDES S127172607
N/A

Site 1 of 2 in cluster BG

Relative:
Lower
Actual:
347 ft.

NPDES:

Name:	NEW SPINE CENTER FOR ORTHOGA
Address:	3712 NORTHSIDE DRIVE
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR1539B7
Facility Type Desc:	Not reported
Owner:	Orthogeorgia Properties, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2018
Permit Action Status:	Superseded
Extension Date:	Not reported
Termination Date:	01/22/2019
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	12/21/2017
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW SPINE CENTER FOR ORTHOGA (Continued)

S127172607

Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Orthogeorgia Properties, LLC
Postmarked Date:	1/4/2018
Issue Date:	9/24/2013
Permit Status:	Terminated
Total Acres:	1.6
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	Superseded
Name:	NEW SPINE CENTER FOR ORTHOGA
Address:	3712 NORTHSIDE DRIVE
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR1539B7
Facility Type Desc:	Not reported
Owner:	Orthogeorgia Properties, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	No Longer In Effect
Extension Date:	Not reported
Termination Date:	01/22/2019
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	08/07/2018
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Orthogeorgia Properties, LLC
Postmarked Date:	8/21/2018
Issue Date:	8/1/2018
Permit Status:	Terminated
Total Acres:	1.6

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NEW SPINE CENTER FOR ORTHOGA (Continued)

S127172607

50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Terminated
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	No Longer In Effect

BG308
SSE
 > 1
 1.698 mi.
 8964 ft.
 Relative:
 Lower
 Actual:
 347 ft.

NEW SPINE CENTER FOR ORTHOGA
3712 NORTHSIDE DRIVE
MACON, GA 31210

FINDS 1024036121
ECHO N/A

Site 2 of 2 in cluster BG

FINDS:
 Registry ID: 110070162299

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
 Envid: 1024036121
 Registry ID: 110070162299
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070162299>
 Name: NEW SPINE CENTER FOR ORTHOGA
 Address: 3712 NORTHSIDE DRIVE
 City,State,Zip: MACON, GA 31210

BH309
SSE
 > 1
 1.715 mi.
 9057 ft.
 Relative:
 Lower
 Actual:
 338 ft.

RIVERSIDE ACE HARDWARE
3600 RIVERSIDE DRIVE
MACON, GA 31210

AST A100327843
N/A

Site 1 of 3 in cluster BH

AST:
 Name: RIVERSIDE ACE HARDWARE
 Address: 3600 RIVERSIDE DRIVE
 City,State,Zip: MACON, GA 31210
 Owner Name: Mid Georgia Propane
 Owner Address: 4262 Interstate Drive
 Owner City/State/Zip: Macon GA 31210

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE ACE HARDWARE (Continued)

A100327843

Number Of Tanks: 1
Tank Capacity: 1000
File No: Not reported

310
SSW
> 1
1.733 mi.
9151 ft.

1030 WESLEYANN DRIVE
MACON, GA

SPILLS S109585095
N/A

Relative:
Higher
Actual:
470 ft.

SPILLS:
Name: Not reported
Address: 1030 WESLEYANN DRIVE
City,State,Zip: MACON, GA
CTS Number: 56383
Spill Number: Not reported
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: Not reported
Spill Time: Not reported
Incident Type: Not reported
Material Involved: Not reported
Quantity: Not reported
Phase: Not reported
Radioactive: Not reported
Material 2: Not reported
Quantity 2: Not reported
Phase 2: Not reported
Radioactive 2: Not reported
Waterway Impctd: Not reported
Evacuation: Not reported
Caller: Not reported
Organization: Not reported
Org Phone: Not reported
Primary Concern: Not reported
Associate Name: Not reported
Investigation Date: Not reported
Resolved: Not reported
Closure Date: Not reported
Ten Days Follow Up: Not reported
Transferred Record: Not reported
Fire: Not reported
Police: Not reported
Sheriff: Not reported
GSP: Not reported
Medical: Not reported
EPA: Not reported
USCG: Not reported
EMA: Not reported
DRN: Not reported
DOT: Not reported
Responsible Prty: ERIC WAITE
RP Contact: Not reported
RP Address: Not reported
RP Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S109585095

RP City: Not reported
Action Code: Not reported
Action: Not reported
Investigator: Not reported
EOC Operator: Not reported
Time EOC Notifd: Not reported
Time Dispatched: Not reported
Complaint Code: Not reported
Complaint ID: Not reported
Complaint Referred: Not reported
Report Sum: Not reported
At: Not reported
DDO: Not reported
Date Recieved: 02/16/2009
Comments: Not reported
Comments 1: Not reported
Referred: Not reported
Comments 2: Not reported
Substance: Not reported
Comments 3: Not reported
Location: Not reported
Comments 4: Not reported
Source: Not reported
Comments 5: Not reported
Details: Not reported

Additional Info: Not reported
Comments 6: Not reported
Comments 7: Not reported
Incident: CALLER REPORTS A SEWAGE SPILL COMING FROM HER NEIGHBORS SEPTIC TANK FLOWING INTO HER YARD NEAR HER DRAINS AND SWIMMING POOL. 13:00 AL FRAZIER PAGED, ID#10135. 13:05 AL FRAZIER CALLED IN AND WAS BRIEFED.

Primary Concern 1 Description: Not reported
Primary Concern 2: Not reported
Primary Concern 2 Description: Not reported
Source Address 1: Not reported
Source Address 2: Not reported
Source City: Not reported
Source State: Not reported
Source Zip: Not reported
Direction: Not reported
Caller Address 1: Not reported
Caller Address 2: Not reported
Caller City: Not reported
Caller State: Not reported
Caller Zip: Not reported
Comp City: Not reported
Branch: Not reported
BDesc: Not reported
Program: Not reported
Prog Desc: Not reported
Accept Date: Not reported
Assign Date: Not reported
FUI Need: Not reported
Refer 2: Not reported
Contact: Not reported
Active: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

(Continued)

S109585095

Facility ID: Not reported
 Approved Date: Not reported
 Facility Status: Not reported

BI311
 West
 > 1
 1.740 mi.
 9186 ft.
 Relative:
 Higher
 Actual:
 410 ft.

TRU HOTEL
107 PROVIDENCE BLVD.
MACON, GA 31210

FINDS 1026437140
 N/A

Site 1 of 8 in cluster BI

FINDS:
 Registry ID: 110070792821

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BI312
 West
 > 1
 1.740 mi.
 9186 ft.
 Relative:
 Higher
 Actual:
 410 ft.

TRU HOTEL
107 PROVIDENCE BLVD.
MACON, GA 31210

ECHO 1026209880
 N/A

Site 2 of 8 in cluster BI

ECHO:
 Envid: 1026209880
 Registry ID: 110070792821
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070792821>
 Name: TRU HOTEL
 Address: 107 PROVIDENCE BLVD.
 City,State,Zip: MACON, GA 31210

BI313
 West
 > 1
 1.740 mi.
 9186 ft.
 Relative:
 Higher
 Actual:
 410 ft.

TRU HOTEL
107 PROVIDENCE BLVD.
MACON, GA 31210

NPDES S127178269
 N/A

Site 3 of 8 in cluster BI

NPDES:
 Name: TRU HOTEL
 Address: 107 PROVIDENCE BLVD.
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR1887CA
 Facility Type Desc: Not reported
 Owner: Parks Hospitality Group, LLC
 Sic Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TRU HOTEL (Continued)

S127178269

Effective Date: Not reported
 Expiration Date: 07/31/2023
 Permit Action Status: In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 04/27/2020
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: Parks Hospitality Group, LLC
 Postmarked Date: 5/11/2020
 Issue Date: 8/1/2018
 Permit Status: In Effect
 Total Acres: 1.8
 50 or More Acres Disturbed: N
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported
 Active or Term: Active
 Coverage Status: Covered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: In Effect

BJ314
WSW
> 1
1.764 mi.
9313 ft.

SNOW'S MEMORIAL CHAPEL
1415 BASS RD.
MACON, GA 31210
Site 1 of 3 in cluster BJ

FINDS 1024603176
ECHO N/A

Relative:
Higher
Actual:
446 ft.

FINDS:
 Registry ID: 110070390578
 Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SNOW'S MEMORIAL CHAPEL (Continued)

1024603176

requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024603176
 Registry ID: 110070390578
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070390578>
 Name: SNOW'S MEMORIAL CHAPEL
 Address: 1415 BASS RD.
 City,State,Zip: MACON, GA 31210

BJ315
WSW
> 1
1.764 mi.
9313 ft.

TORI HEARD PARK - MABEL WHITE BAPTIST CHURCH
1415 BASS ROAD
MACON, GA
Site 2 of 3 in cluster BJ

NPDES **S127190039**
N/A

Relative:
Higher
Actual:
446 ft.

NPDES:
 Name: TORI HEARD PARK - MABEL WHITE BAPTIST CHURCH
 Address: 1415 BASS ROAD
 City,State,Zip: MACON, GA
 Notice of Intent Num: GAR311379
 Facility Type Desc: Not reported
 Owner: MABEL WHITE BAPTIST CHURCH
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2018
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: 12/20/2013
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 12/19/2013
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: CPD Primary
 Related Primary: Not reported
 Operator: Not reported
 Postmarked Date: 1/2/2014
 Issue Date: 9/23/2013
 Permit Status: Terminated
 Total Acres: 3.49
 50 or More Acres Disturbed: N
 Impaired Stream Segments: N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORI HEARD PARK - MABEL WHITE BAPTIST CHURCH (Continued)

S127190039

TMDL Implementation Plans:	N/A
Common Development Name:	N/A
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Jody Sapp
Area Specialist:	Not reported
Engineer:	Kathy McCoy
Action Status:	No Longer In Effect
Name:	TORI HEARD PARK - MABEL WHITE BAPTIST CHURCH
Address:	1415 BASS ROAD
City,State,Zip:	MACON, GA
Notice of Intent Num:	GAR311379
Facility Type Desc:	Not reported
Owner:	MABEL WHITE BAPTIST CHURCH
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2013
Permit Action Status:	Superseded
Extension Date:	Not reported
Termination Date:	12/20/2013
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	Not reported
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Commercial
Common Development Type:	CPD Primary
Related Primary:	Not reported
Operator:	JOE MCDANIEL
Postmarked Date:	3/26/2008
Issue Date:	8/1/2008
Permit Status:	Terminated
Total Acres:	3.49
50 or More Acres Disturbed:	N
Impaired Stream Segments:	N/A
TMDL Implementation Plans:	N/A
Common Development Name:	N/A
Active or Term:	Terminated
Coverage Status:	Noncovered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	Superseded

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BJ316
WSW
 > 1
 1.764 mi.
 9313 ft.

SNOW'S MEMORIAL CHAPEL
1415 BASS RD.
MACON, GA 31210
 Site 3 of 3 in cluster BJ

NPDES **S127174513**
 N/A

Relative:
Higher
Actual:
446 ft.

NPDES:
 Name: SNOW'S MEMORIAL CHAPEL
 Address: 1415 BASS RD.
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR15416E
 Facility Type Desc: Not reported
 Owner: SCI Georgia Funeral Services, Inc.
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2023
 Permit Action Status: In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 10/16/2018
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Commercial
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: SCI Georgia Funeral Services, Inc.
 Postmarked Date: 10/30/2018
 Issue Date: 8/1/2018
 Permit Status: In Effect
 Total Acres: 3.6
 50 or More Acres Disturbed: N
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported
 Active or Term: Active
 Coverage Status: Covered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: In Effect

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WATERCREST ASSISTED LIVING FACILITY & MEMORY CARE - MACON (Continued)

S127177069

Active or Term: Active
Coverage Status: Covered
Lot Numbers: Not reported
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: In Effect

BI319
West
> 1
1.775 mi.
9373 ft.
Relative:
Higher
Actual:
409 ft.

WATERCREST ASSISTED LIVING FACILITY & MEMORY CARE
111 PROVIDENCE BLVD
MACON, GA 31210

FINDS 1026100537
N/A

Site 6 of 8 in cluster BI

FINDS:
Registry ID: 110070670309

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BI320
West
> 1
1.784 mi.
9422 ft.
Relative:
Higher
Actual:
431 ft.

1400 BASS ROAD DEVELOPMENT PHASE 1
1400 BASS ROAD
MACON, GA 31210

FINDS 1025478228
ECHO N/A

Site 7 of 8 in cluster BI

FINDS:
Registry ID: 110070555745

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1025478228
Registry ID: 110070555745

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1400 BASS ROAD DEVELOPMENT PHASE 1 (Continued)

1025478228

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070555745>
 Name: 1400 BASS ROAD DEVELOPMENT PHASE 1
 Address: 1400 BASS ROAD
 City,State,Zip: MACON, GA 31210

BI321
West
> 1
1.784 mi.
9422 ft.

1400 BASS ROAD DEVELOPMENT PHASE 1
1400 BASS ROAD
MACON, GA 31210

NPDES S127175907
N/A

Site 8 of 8 in cluster BI

Relative:
Higher
Actual:
431 ft.

NPDES:
 Name: 1400 BASS ROAD DEVELOPMENT PHASE 1
 Address: 1400 BASS ROAD
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR154700
 Facility Type Desc: Not reported
 Owner: SKECA 2.0, LLLP
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2023
 Permit Action Status: No Longer In Effect
 Extension Date: Not reported
 Termination Date: 10/28/2020
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 05/10/2019
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Mix Used
 Common Development Type: Not reported
 Related Primary: Not reported
 Operator: SKECA 2.0, LLLP
 Postmarked Date: 5/24/2019
 Issue Date: 8/1/2018
 Permit Status: Terminated
 Total Acres: 10
 50 or More Acres Disturbed: N
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported
 Active or Term: Terminated
 Coverage Status: Covered
 Lot Numbers: Not reported
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: No Longer In Effect

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BK322 **PROVIDENCE/CARILLON LOTS 18 AND 31**
West **339 CARILLON LN AND 331 CARILLON CT**
> 1 **MACON, GA 31210**
1.808 mi.
9545 ft. **Site 1 of 3 in cluster BK**

NPDES **S127266228**
N/A

Relative:
Lower
Actual:
357 ft.

NPDES:
 Name: PROVIDENCE/CARILLON LOTS 18 AND 31
 Address: 339 CARILLON LN AND 331 CARILLON CT
 City,State,Zip: MACON, GA 31210
 Notice of Intent Num: GAR389A30
 Facility Type Desc: Not reported
 Owner: Overlook at Arkwright, LLC
 Sic Code: Not reported
 Effective Date: Not reported
 Expiration Date: 07/31/2023
 Permit Action Status: In Effect
 Extension Date: Not reported
 Termination Date: Not reported
 Is 303D: Not reported
 Numeric Effluent Limit: Not reported
 Samples Appx C: Not reported
 Is Meeting POC: Not reported
 ICIS Number: Not reported
 Application Received Date: 10/25/2019
 Owner First Name: Not reported
 Owner Last Name: Not reported
 Owner Title: Not reported
 Owner Telephone: Not reported
 Owner Email: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported
 District: West Central District - Macon
 Construction Activity: Residential
 Common Development Type: CPD Tertiary
 Related Primary: Not reported
 Operator: Overlook at Arkwright, LLC
 Postmarked Date: 11/8/2019
 Issue Date: 8/1/2018
 Permit Status: In Effect
 Total Acres: 0.45
 50 or More Acres Disturbed: N
 Impaired Stream Segments: Not reported
 TMDL Implementation Plans: Not reported
 Common Development Name: Not reported
 Active or Term: Active
 Coverage Status: Covered
 Lot Numbers: Lots 18 & 31
 NOI Specialist: Not reported
 Area Specialist: Not reported
 Engineer: Not reported
 Action Status: In Effect

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
BK323 West > 1 1.808 mi. 9545 ft.	PROVIDENCE/CARILLON LOTS 18 AND 31 339 CARILLON LN AND 331 CARILLON CT MACON, GA 31210 Site 2 of 3 in cluster BK	ECHO	1026027565 N/A
Relative: Lower	ECHO: Envid: 1026027565 Registry ID: 110070668825 DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070668825 Name: PROVIDENCE/CARILLON LOTS 18 AND 31 Address: 339 CARILLON LN AND 331 CARILLON CT City,State,Zip: MACON, GA 31210		
Actual: 357 ft.			
BK324 West > 1 1.808 mi. 9545 ft.	PROVIDENCE/CARILLON LOTS 18 AND 31 339 CARILLON LN AND 331 CARILLON CT MACON, GA 31210 Site 3 of 3 in cluster BK	FINDS	1026099161 N/A
Relative: Lower	FINDS: Registry ID: 110070668825 Click Here: Environmental Interest/Information System: US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.		
Actual: 357 ft.	Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.		
BH325 SSE > 1 1.820 mi. 9610 ft.	ORKIN PEST CONTROL #252 3556 RIVERSIDE DR MACON, GA Site 2 of 3 in cluster BH	RGA LUST	S115545665 N/A
Relative: Lower	RGA LUST: 2001 ORKIN PEST CONTROL #252 3556 RIVERSIDE DR 1999 ORKIN PEST CONTROL #252 3556 RIVERSIDE DR		
Actual: 338 ft.			
BH326 SSE > 1 1.820 mi. 9610 ft.	ORKIN PEST CONTROL #252 3556 RIVERSIDE DR MACON, GA Site 3 of 3 in cluster BH	LUST UST Financial Assurance	1006794097 N/A
Relative: Lower	LUST: Name: ORKIN PEST CONTROL #252 Address: 3556 RIVERSIDE DR City,State,Zip: MACON, GA 31210 Facility ID: 09011016		
Actual: 338 ft.			

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORKIN PEST CONTROL #252 (Continued)

1006794097

Leak ID: Not reported
Description: Not reported
Cleanup Status: NFA - Clean Closure
Date Received: Not reported
Project Officer: EPD Migration
Project Name: UST - CLOSURE - ORKIN PEST CONTROL #252
Site Code Description: Owner/Operator funded site
No Further Action Date: 12/06/1991

UST:

Name: ORKIN PEST CONTROL #252
Address: 3556 RIVERSIDE DR
City,State,Zip: MACON, GA

Tank Info:

Tankid: 1
Name: ORKIN PEST CONTROL #252
Address: 3556 RIVERSIDE DR
Tank Status: Permanently Out of Use - historical purposes
City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: Not reported
Facility ID: 9011016
Status Date: Not reported
Product: Gas (Historical Use)
Pipe Material: Galvanized Steel
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

GA Financial Assurance 1:

Name: ORKIN PEST CONTROL #252
Address: 3556 RIVERSIDE DR
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 9011016
Financial Responsibility: Not reported
Location Start Date: 10/21/1991
Location End Date: Not reported
Location Status: Close
Location Type: Commercial
Facility Status: INACTIVE

327
SSE
> 1
1.820 mi.
9612 ft.

LOELO INC
3590 RIVERSIDE DR
MACON, GA 31298

EDR Hist Auto 1020813559
N/A

Relative:
Lower

EDR Hist Auto

Actual:
340 ft.

Year: Name:
1987 LOELO INC

Type:
Grocery Stores

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOELO INC (Continued)

1020813559

1988	LOELO INC	Gift, Novelty, And Souvenir Shop
1989	LOELO INC	Convenience Stores
1990	LOELO INC	Convenience Stores
1991	LOELO INC	Convenience Stores
1992	LOELO INC	Convenience Stores
1993	LOELO INC	Convenience Stores

328
SSW
 > 1
 1.844 mi.
 9737 ft.

THUNDER N LIGHTING MOTORCYCLE REPR SERV
909 QUAIL TRL
MACON, GA 31210

EDR Hist Auto 1014931369
N/A

Relative:
Higher

EDR Hist Auto

Actual:
427 ft.

Year:	Name:	Type:
2001	THUNDER N LIGHTING MOTORCYCLE R	MOTORCYCLES & MOTOR SCOOTERS - REPAIRING & SERVICE

BL329
West
 > 1
 1.866 mi.
 9850 ft.

PROVIDENCE/CARILLON LOTS 37,38
368 AND 372 CARILLON LANE
MACON, GA 31210

NPDES S127257327
N/A

Relative:
Higher

NPDES:

Actual:
395 ft.

Site 1 of 7 in cluster BL

Name:	PROVIDENCE/CARILLON LOTS 37,38
Address:	368 AND 372 CARILLON LANE
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR387733
Facility Type Desc:	Not reported
Owner:	Overlook at Arkwright
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	01/23/2019
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Residential
Common Development Type:	CPD Tertiary
Related Primary:	Not reported
Operator:	Overlook at Arkwright

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PROVIDENCE/CARILLON LOTS 37,38 (Continued)

S127257327

Postmarked Date: 2/6/2019
Issue Date: 8/1/2018
Permit Status: In Effect
Total Acres: 0.45
50 or More Acres Disturbed: N
Impaired Stream Segments: Not reported
TMDL Implementation Plans: Not reported
Common Development Name: Not reported
Active or Term: Active
Coverage Status: Covered
Lot Numbers: Lots 37 and 38
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: In Effect

BL330
West
> 1
1.866 mi.
9850 ft.

PROVIDENCE/CARILLON LOTS 37,38
368 AND 372 CARILLON LANE
MACON, GA 31210
Site 2 of 7 in cluster BL

ECHO 1024729125
N/A

Relative:
Higher
Actual:
395 ft.

ECHO:
Envid: 1024729125
Registry ID: 110070518842
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070518842>
Name: PROVIDENCE/CARILLON LOTS 37,38
Address: 368 AND 372 CARILLON LANE
City,State,Zip: MACON, GA 31210

BL331
West
> 1
1.866 mi.
9850 ft.

PROVIDENCE/CARILLON LOTS 37,38
368 AND 372 CARILLON LANE
MACON, GA 31210
Site 3 of 7 in cluster BL

FINDS 1025449447
N/A

Relative:
Higher
Actual:
395 ft.

FINDS:
Registry ID: 110070518842

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NORTHSIDE SENIOR VILLAGE (Continued)

S127179466

Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	12/09/2020
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Residential
Common Development Type:	Not reported
Related Primary:	Not reported
Operator:	Northside Senior Village, L.P.
Postmarked Date:	12/23/2020
Issue Date:	8/1/2018
Permit Status:	In Effect
Total Acres:	2.9
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Covered
Lot Numbers:	Not reported
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	In Effect

BL335
West
> 1
1.927 mi.
10173 ft.

PROVIDENCE/CARILLON LOT 4
369 CARILLON LANE
MACON, GA 31210
Site 4 of 7 in cluster BL

NPDES S127258069
N/A

Relative:
Higher
Actual:
367 ft.

NPDES:	
Name:	PROVIDENCE/CARILLON LOT 4
Address:	369 CARILLON LANE
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR387A1C
Facility Type Desc:	Not reported
Owner:	Overlook at Arkwright
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	02/13/2019
Owner First Name:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PROVIDENCE/CARILLON LOT 4 (Continued)

S127258069

Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Residential
Common Development Type:	CPD Tertiary
Related Primary:	Not reported
Operator:	Overlook at Arkwright
Postmarked Date:	2/27/2019
Issue Date:	8/1/2018
Permit Status:	In Effect
Total Acres:	0.23
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Covered
Lot Numbers:	4
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	In Effect

BL336
West
> 1
1.927 mi.
10173 ft.

CARILLON, 369
369 CARILLON LANE
MACON, GA 31210
Site 5 of 7 in cluster BL

NPDES S127256747
N/A

Relative:
Higher
Actual:
367 ft.

NPDES:	
Name:	CARILLON, 369
Address:	369 CARILLON LANE
City,State,Zip:	MACON, GA 31210
Notice of Intent Num:	GAR3874DD
Facility Type Desc:	Not reported
Owner:	Overlook at Arkwright, LLC
Sic Code:	Not reported
Effective Date:	Not reported
Expiration Date:	07/31/2023
Permit Action Status:	In Effect
Extension Date:	Not reported
Termination Date:	Not reported
Is 303D:	Not reported
Numeric Effluent Limit:	Not reported
Samples Appx C:	Not reported
Is Meeting POC:	Not reported
ICIS Number:	Not reported
Application Received Date:	01/08/2019
Owner First Name:	Not reported
Owner Last Name:	Not reported
Owner Title:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CARILLON, 369 (Continued)

S127256747

Comments:	Not reported
Latitude:	Not reported
Longitude:	Not reported
District:	West Central District - Macon
Construction Activity:	Residential
Common Development Type:	CPD Tertiary
Related Primary:	Not reported
Operator:	Overlook at Arkwright, LLC
Postmarked Date:	1/22/2019
Issue Date:	8/1/2018
Permit Status:	In Effect
Total Acres:	1
50 or More Acres Disturbed:	N
Impaired Stream Segments:	Not reported
TMDL Implementation Plans:	Not reported
Common Development Name:	Not reported
Active or Term:	Active
Coverage Status:	Covered
Lot Numbers:	4
NOI Specialist:	Not reported
Area Specialist:	Not reported
Engineer:	Not reported
Action Status:	In Effect

BL337
West
> 1
1.927 mi.
10173 ft.
Relative:
Higher
Actual:
367 ft.

PROVIDENCE/CARILLON LOT 4
369 CARILLON LANE
MACON, GA 31210

ECHO 1024934216
N/A

Site 6 of 7 in cluster BL

ECHO:	
Envid:	1024934216
Registry ID:	110070527466
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070527466
Name:	PROVIDENCE/CARILLON LOT 4
Address:	369 CARILLON LANE
City,State,Zip:	MACON, GA 31210

BL338
West
> 1
1.927 mi.
10173 ft.
Relative:
Higher
Actual:
367 ft.

CARILLON, 369
369 CARILLON LANE
MACON, GA 31210

FINDS 1024708962
ECHO N/A

Site 7 of 7 in cluster BL

FINDS:	
Registry ID:	110070503500
Click Here:	

Environmental Interest/Information System:
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARILLON, 369 (Continued)

1024708962

discharge does not adversely affect water quality.
Registry ID: 110070527466

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024708962
Registry ID: 110070503500
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070503500>
Name: CARILLON, 369
Address: 369 CARILLON LANE
City,State,Zip: MACON, GA 31210

**BN339
NW
> 1
1.960 mi.
10348 ft.**

**RIVERSIDE GOLF & CC
NORTH WESTLAND DRIVE
MACON, GA 31210**

**SPILLS 90 S112371622
N/A**

Site 1 of 6 in cluster BN

**Relative:
Higher
Actual:
427 ft.**

Spills:
Status: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Site ID: GASP-0402-0004724
Secondary ID: 02
Cross Street: Not reported
County: MONROE
Longitude: -83732118
Latitude: 32954358
Elevation: 428

Site Information: Not reported
Date: 03/12/1993
Material: OTHER
Waterway Impacted: UNKNOWN
Action: NONE
Referred To: LAW ENFORCEMENT
Nature Of Incident: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BN340 RIVERSIDE GOLF AND COUNTRY CLUB RGA LUST S115547752
NW 6000 NORTH WESLEYAN DRIVE N/A
> 1 MACON, GA
1.961 mi.
10352 ft. Site 2 of 6 in cluster BN

Relative: Higher	RGA LUST:	2012	RIVERSIDE GOLF AND COUNTRY CLUB	6000 NORTH WESLEYAN DRIVE
Actual: 427 ft.		2011	RIVERSIDE GOLF AND COUNTRY CLUB	6000 NORTH WESLEYAN DRIVE
		2010	RIVERSIDE GOLF AND COUNTRY CLUB	6000 NORTH WESLEYAN DRIVE
		2009	RIVERSIDE GOLF AND COUNTRY CLUB	6000 NORTH WESLEYAN DRIVE
		2008	RIVERSIDE GOLF AND COUNTRY CLUB	6000 NORTH WESLEYAN DRIVE
		2007	RIVERSIDE GOLF AND COUNTRY CLUB	6000 NORTH WESLEYAN DRIVE
		2006	RIVERSIDE GOLF AND COUNTRY CLUB	6000 NORTH WESLEYAN DRIVE
		2005	RIVERSIDE GOLF AND COUNTRY CLUB	6000 NORTH WESLEYAN DRIVE
		2004	RIVERSIDE GOLF AND COUNTRY CLUB	6000 NORTH WESLEYAN DRIVE

BN341 RIVERSIDE GOLF & COUNTRY CLUB SPILLS S103537997
NW 6000 N WESLEYAN DR N/A
> 1 MACON, GA
1.961 mi.
10352 ft. Site 3 of 6 in cluster BN

Relative: Higher	SPILLS:	
Actual: 427 ft.	Name:	RIVERSIDE GOLF & COUNTRY CLUB
	Address:	6000 N WESLEYAN DR
	City,State,Zip:	MACON, GA
	CTS Number:	Not reported
	Spill Number:	Not reported
	UN Number:	Not reported
	UN Number2:	Not reported
	Report Number:	Not reported
	Report Date:	Not reported
	Report Time:	Not reported
	Spill Date:	Not reported
	Spill Time:	Not reported
	Incident Type:	Not reported
	Material Involved:	MISC LAWN CARE CHEMICALS
	Quantity:	Not reported
	Phase:	Not reported
	Radioactive:	Not reported
	Material 2:	Not reported
	Quantity 2:	Not reported
	Phase 2:	Not reported
	Radioactive 2:	Not reported
	Waterway Impctd:	Not reported
	Evacuation:	Not reported
	Caller:	Not reported
	Organization:	Not reported
	Org Phone:	Not reported
	Primary Concern:	Not reported
	Associate Name:	Not reported
	Investigation Date:	Not reported
	Resolved:	Not reported
	Closure Date:	Not reported
	Ten Days Follow Up:	Not reported
	Transferred Record:	Not reported
	Fire:	Not reported
	Police:	Not reported
	Sheriff:	Not reported
	GSP:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE GOLF & COUNTRY CLUB (Continued)

S103537997

Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	Not reported
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	MISC LAWN CARE CHEMICALS
Comments 3:	Not reported
Location:	PONDS/LAKES/STREAMS WITHIN THE CONF
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported
Comp City:	Not reported
Branch:	Not reported
BDesc:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE GOLF & COUNTRY CLUB (Continued)

S103537997

Program:	Not reported
Prog Desc:	Not reported
Accept Date:	Not reported
Assign Date:	Not reported
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Not reported
Active:	Not reported
Facility ID:	Not reported
Approved Date:	Not reported
Facility Status:	Not reported
Name:	RIVERSIDE GOLF & COUNTRY CLUB
Address:	6000 N WESLEYAN DR
City,State,Zip:	MACON, GA
CTS Number:	Not reported
Spill Number:	Not reported
UN Number:	Not reported
UN Number2:	Not reported
Report Number:	Not reported
Report Date:	Not reported
Report Time:	Not reported
Spill Date:	Not reported
Spill Time:	Not reported
Incident Type:	Not reported
Material Involved:	MISC LAWN CARE CHEMICALS
Quantity:	Not reported
Phase:	Not reported
Radioactive:	Not reported
Material 2:	Not reported
Quantity 2:	Not reported
Phase 2:	Not reported
Radioactive 2:	Not reported
Waterway Impctd:	Not reported
Evacuation:	Not reported
Caller:	Not reported
Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	Not reported
Associate Name:	Not reported
Investigation Date:	Not reported
Resolved:	Not reported
Closure Date:	Not reported
Ten Days Follow Up:	Not reported
Transferred Record:	Not reported
Fire:	Not reported
Police:	Not reported
Sheriff:	Not reported
GSP:	Not reported
Medical:	Not reported
EPA:	Not reported
USCG:	Not reported
EMA:	Not reported
DRN:	Not reported
DOT:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE GOLF & COUNTRY CLUB (Continued)

S103537997

RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	Not reported
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	MISC LAWN CARE CHEMICALS
Comments 3:	Not reported
Location:	PONDS/LAKES/STREAMS WITHIN THE CONF
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported
Comp City:	Not reported
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	Not reported
Assign Date:	Not reported
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Not reported
Active:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE GOLF & COUNTRY CLUB (Continued)

S103537997

Facility ID: Not reported
Approved Date: Not reported
Facility Status: Not reported

**BN342
NW
> 1
1.961 mi.
10352 ft.**

**RIVERSIDE GOLF AND COUNTRY CLUB
6000 NORTH WESLEYAN DRIVE
MACON, GA
Site 4 of 6 in cluster BN**

**LUST U003984258
UST N/A
Financial Assurance**

**Relative:
Higher
Actual:
427 ft.**

LUST:
Name: RIVERSIDE GOLF AND COUNTRY CLUB
Address: 6000 NORTH WESLEYAN DRIVE
City,State,Zip: MACON, GA 31210
Facility ID: 10000549
Leak ID: 1
Description: Confirmed Release
Cleanup Status: NFA - No Further Action
Date Received: 11/20/2003
Project Officer: William Logan
Project Name: UST - 1 - RIVERSIDE GOLF AND COUNTRY CLUB
Site Code Description: Owner/Operator funded site
No Further Action Date: 02/02/2004

UST:
Name: RIVERSIDE GOLF AND COUNTRY CLUB
Address: 6000 NORTH WESLEYAN DRIVE
City,State,Zip: MACON, GA

Tank Info:
Tankid: 1
Name: RIVERSIDE GOLF AND COUNTRY CLUB
Address: 6000 NORTH WESLEYAN DRIVE
Tank Status: Removed from Ground
City: MACON
Tank Material: Bare Steel
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 10/24/2003
Facility ID: 10000549
Status Date: Not reported
Product: Not Marked/Tank Removed
Pipe Material: Not reported
Overfill Protection: 0
Overfill Installed: Not reported
Tank Exempt From Spill: 0
Date Spill Device Installed: Not reported

GA Financial Assurance 1:
Name: RIVERSIDE GOLF AND COUNTRY CLUB
Address: 6000 NORTH WESLEYAN DRIVE
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 10000549
Financial Responsibility: Not reported
Location Start Date: 11/20/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE GOLF AND COUNTRY CLUB (Continued)

U003984258

Location End Date: Not reported
Location Status: Close
Location Type: Other
Facility Status: INACTIVE

**BN343
NW
> 1
1.961 mi.
10352 ft.**

**RIVERSIDE GOLF & COUNTRY CLUB
6000 WESLYAN DRIVE
MACON, GA**

**SPILLS S102602175
N/A**

Site 5 of 6 in cluster BN

**Relative:
Higher**

**Actual:
427 ft.**

SPILLS:
Name: RIVERSIDE GOLF & COUNTRY CLUB
Address: 6000 WESLYAN DRIVE
City,State,Zip: MACON, GA
CTS Number: Not reported
Spill Number: 04
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: 07/12/95
Spill Time: Not reported
Incident Type: Not reported
Material Involved: MISC LAWN CARE CHEMICALS
Quantity: Not reported
Phase: Not reported
Radioactive: Not reported
Material 2: Not reported
Quantity 2: Not reported
Phase 2: Not reported
Radioactive 2: Not reported
Waterway Impctd: PONDS/LAKES/STREAMS WITHIN THE CONFINES OF PROPERTY
Evacuation: Not reported
Caller: Not reported
Organization: Not reported
Org Phone: Not reported
Primary Concern: Not reported
Associate Name: Not reported
Investigation Date: Not reported
Resolved: Not reported
Closure Date: Not reported
Ten Days Follow Up: Not reported
Transferred Record: Not reported
Fire: Not reported
Police: Not reported
Sheriff: Not reported
GSP: Not reported
Medical: Not reported
EPA: Not reported
USCG: Not reported
EMA: Not reported
DRN: Not reported
DOT: Not reported
Responsible Prty: Not reported
RP Contact: Not reported
RP Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE GOLF & COUNTRY CLUB (Continued)

S102602175

RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	Not reported
Comments:	Not reported
Comments 1:	Not reported
Referred:	ERT
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Not reported
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported
Comp City:	Not reported
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	Not reported
Assign Date:	Not reported
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Not reported
Active:	Not reported
Facility ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE GOLF & COUNTRY CLUB (Continued)

S102602175

Approved Date: Not reported
Facility Status: Not reported

**BN344
NW
> 1
1.961 mi.
10352 ft.**

**RIVERSIDE GOLF & COUNTRY CLUB
6000 WESLEYAN DR N
MACON, GA**

**SPILLS S101644466
N/A**

Site 6 of 6 in cluster BN

**Relative:
Higher**

SPILLS:

**Actual:
427 ft.**

Name: RIVERSIDE GOLF & COUNTRY CLUB
Address: 6000 WESLEYAN DR N
City,State,Zip: MACON, GA
CTS Number: Not reported
Spill Number: 04
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: 07/12/95
Spill Time: Not reported
Incident Type: Not reported
Material Involved: MISC LAWN CARE CHEMICALS
Quantity: Not reported
Phase: Not reported
Radioactive: Not reported
Material 2: Not reported
Quantity 2: Not reported
Phase 2: Not reported
Radioactive 2: Not reported
Waterway Impctd: PONDS/LAKES/STREAMS WITHIN THE CONFINES OF PROPERTY
Evacuation: Not reported
Caller: Not reported
Organization: Not reported
Org Phone: Not reported
Primary Concern: Not reported
Associate Name: Not reported
Investigation Date: Not reported
Resolved: Not reported
Closure Date: Not reported
Ten Days Follow Up: Not reported
Transferred Record: Not reported
Fire: Not reported
Police: Not reported
Sheriff: Not reported
GSP: Not reported
Medical: Not reported
EPA: Not reported
USCG: Not reported
EMA: Not reported
DRN: Not reported
DOT: Not reported
Responsible Prty: Not reported
RP Contact: Not reported
RP Address: Not reported
RP Phone: Not reported
RP City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERSIDE GOLF & COUNTRY CLUB (Continued)

S101644466

Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	Not reported
Comments:	Not reported
Comments 1:	Not reported
Referred:	ERT
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Not reported
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported
Comp City:	Not reported
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	Not reported
Assign Date:	Not reported
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Not reported
Active:	Not reported
Facility ID:	Not reported
Approved Date:	Not reported
Facility Status:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

345
South
> 1
1.967 mi.
10387 ft.

4650 SOUTH BEECHWOOD
MACON, GA

SPILLS S108054874
N/A

Relative:
Higher
Actual:
390 ft.

SPILLS:
Name: Not reported
Address: 4650 SOUTH BEECHWOOD
City,State,Zip: MACON, GA
CTS Number: 38267
Spill Number: Not reported
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: Not reported
Spill Time: Not reported
Incident Type: Not reported
Material Involved: Not reported
Quantity: Not reported
Phase: Not reported
Radioactive: Not reported
Material 2: Not reported
Quantity 2: Not reported
Phase 2: Not reported
Radioactive 2: Not reported
Waterway Impctd: Not reported
Evacuation: Not reported
Caller: Not reported
Organization: Not reported
Org Phone: Not reported
Primary Concern: Not reported
Associate Name: Not reported
Investigation Date: Not reported
Resolved: Not reported
Closure Date: Not reported
Ten Days Follow Up: Not reported
Transferred Record: Not reported
Fire: Not reported
Police: Not reported
Sheriff: Not reported
GSP: Not reported
Medical: Not reported
EPA: Not reported
USCG: Not reported
EMA: Not reported
DRN: Not reported
DOT: Not reported
Responsible Prty: UNKNOWN
RP Contact: Not reported
RP Address: Not reported
RP Phone: Not reported
RP City: Not reported
Action Code: Not reported
Action: Not reported
Investigator: Not reported
EOC Operator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S108054874

Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	04/15/2006
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Not reported
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	THE CALLER STATES THAT THEY UNKNOWN CREEK IN HIS AREA IS WHITE AND AND HE THINKS THE CREEK FLOWS INTO THE OCMULGEE RIVER.11:10 BRIEFED MATT SPRINGER VIA CELL PHONE.
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported
Comp City:	Not reported
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	Not reported
Assign Date:	Not reported
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Not reported
Active:	Not reported
Facility ID:	Not reported
Approved Date:	Not reported
Facility Status:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BO346
West
> 1
1.990 mi.
10509 ft.

PROVIDENCE
865-871 TUFTHUNTER DRIVE
MACON, GA 31210

NPDES **S127269259**
N/A

Site 1 of 3 in cluster BO

Relative:
Higher
Actual:
394 ft.

NPDES:
Name: PROVIDENCE
Address: 865-871 TUFTHUNTER DRIVE
City,State,Zip: MACON, GA 31210
Notice of Intent Num: GAR38A631
Facility Type Desc: Not reported
Owner: Three Oaks Construction
Sic Code: Not reported
Effective Date: Not reported
Expiration Date: 07/31/2023
Permit Action Status: In Effect
Extension Date: Not reported
Termination Date: Not reported
Is 303D: Not reported
Numeric Effluent Limit: Not reported
Samples Appx C: Not reported
Is Meeting POC: Not reported
ICIS Number: Not reported
Application Received Date: 02/18/2020
Owner First Name: Not reported
Owner Last Name: Not reported
Owner Title: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported
District: West Central District - Macon
Construction Activity: Residential
Common Development Type: CPD Tertiary
Related Primary: Not reported
Operator: Three Oaks Construction
Postmarked Date: 3/3/2020
Issue Date: 8/1/2018
Permit Status: In Effect
Total Acres: 0.6
50 or More Acres Disturbed: N
Impaired Stream Segments: Not reported
TMDL Implementation Plans: Not reported
Common Development Name: Not reported
Active or Term: Active
Coverage Status: Covered
Lot Numbers: Lots 4-5
NOI Specialist: Not reported
Area Specialist: Not reported
Engineer: Not reported
Action Status: In Effect

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

BO347
West
> 1
1.990 mi.
10509 ft.

PROVIDENCE
865-871 TUFTHUNTER DRIVE
MACON, GA 31210

FINDS 1026394531
N/A

Site 2 of 3 in cluster BO

Relative:
Higher

Actual:
394 ft.

FINDS:
Registry ID: 110070694142

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BO348
West
> 1
1.990 mi.
10509 ft.

PROVIDENCE
865-871 TUFTHUNTER DRIVE
MACON, GA 31210

ECHO 1026120989
N/A

Site 3 of 3 in cluster BO

Relative:
Higher

Actual:
394 ft.

ECHO:
Envid: 1026120989
Registry ID: 110070694142
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070694142>
Name: PROVIDENCE
Address: 865-871 TUFTHUNTER DRIVE
City,State,Zip: MACON, GA 31210

BP349
SSE
> 1
1.993 mi.
10523 ft.

CHARTER LAKE HOSPITAL
3500 RIVERSIDE DR
MACON, GA

RGA LUST S115532681
N/A

Site 1 of 2 in cluster BP

Relative:
Lower

Actual:
323 ft.

RGA LUST:

2012	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2011	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2010	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2009	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2008	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2007	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2006	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2005	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2004	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2003	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2002	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2001	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
2000	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
1999	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR
1998	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP350
SSE
> 1
1.993 mi.
10523 ft.

CHARTER LAKE HOSPITAL
3500 RIVERSIDE DR
MACON, GA

Site 2 of 2 in cluster BP

LUST
UST
Financial Assurance
U001489849
N/A

Relative:
Lower

LUST:

Actual:
323 ft.

Name: CHARTER LAKE HOSPITAL
Address: 3500 RIVERSIDE DR
City,State,Zip: MACON, GA 31210
Facility ID: 09011065
Leak ID: Not reported
Description: Not reported
Cleanup Status: NFA - No Further Action
Date Received: 05/14/1997
Project Officer: William Logan
Project Name: UST - 1 - CHARTER LAKE HOSPITAL
Site Code Description: Owner/Operator funded site
No Further Action Date: 09/18/1997

UST:

Name: CHARTER LAKE HOSPITAL
Address: 3500 RIVERSIDE DR
City,State,Zip: MACON, GA

Tank Info:

Tankid: 1
Name: CHARTER LAKE HOSPITAL
Address: 3500 RIVERSIDE DR
Tank Status: Closed in Ground
City: MACON
Tank Material: Double Walled
Pipe Type: Not reported
Overfill Type: Not reported
Install Date: 02/26/1997
Facility ID: 9011065
Status Date: Not reported
Product: Diesel
Pipe Material: Fiberglass Reinforced Plastic
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

GA Financial Assurance 1:

Name: CHARTER LAKE HOSPITAL
Address: 3500 RIVERSIDE DR
City,State,Zip: MACON, GA 31210
Region: 1
Facility ID: 9011065
Financial Responsibility: Not reported
Location Start Date: 12/18/1992
Location End Date: 06/15/2001
Location Status: Close
Location Type: Hospital
Facility Status: INACTIVE

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BQ351
South
> 1
1.995 mi.
10531 ft.

GEORGIA POWER
845 WOODSDALE TER
MACON, GA

SPILLS S101644083
N/A

Site 1 of 2 in cluster BQ

Relative:
Higher
Actual:
381 ft.

SPILLS:
 Name: GEORGIA POWER
 Address: 845 WOODSDALE TER
 City,State,Zip: MACON, GA
 CTS Number: Not reported
 Spill Number: 04
 UN Number: Not reported
 UN Number2: Not reported
 Report Number: Not reported
 Report Date: Not reported
 Report Time: Not reported
 Spill Date: 05/17/95
 Spill Time: Not reported
 Incident Type: Not reported
 Material Involved: TRANSFORMER OIL
 Quantity: Not reported
 Phase: Not reported
 Radioactive: Not reported
 Material 2: Not reported
 Quantity 2: Not reported
 Phase 2: Not reported
 Radioactive 2: Not reported
 Waterway Impctd: PRIVATE POOL
 Evacuation: Not reported
 Caller: Not reported
 Organization: Not reported
 Org Phone: Not reported
 Primary Concern: Not reported
 Associate Name: Not reported
 Investigation Date: Not reported
 Resolved: Not reported
 Closure Date: Not reported
 Ten Days Follow Up: Not reported
 Transferred Record: Not reported
 Fire: Not reported
 Police: Not reported
 Sheriff: Not reported
 GSP: Not reported
 Medical: Not reported
 EPA: Not reported
 USCG: Not reported
 EMA: Not reported
 DRN: Not reported
 DOT: Not reported
 Responsible Prty: Not reported
 RP Contact: Not reported
 RP Address: Not reported
 RP Phone: Not reported
 RP City: Not reported
 Action Code: Not reported
 Action: DDO-ONLY
 Investigator: Not reported
 EOC Operator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER (Continued)

S101644083

Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	Not reported
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Not reported
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported
Comp City:	Not reported
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	Not reported
Assign Date:	Not reported
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Not reported
Active:	Not reported
Facility ID:	Not reported
Approved Date:	Not reported
Facility Status:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BQ352 **GEORGIA POWER**
South **845 WOODSDALE TRAIL**
> 1 **MACON, GA**
1.995 mi.
10531 ft. **Site 2 of 2 in cluster BQ**

SPILLS **S102602089**
 N/A

Relative:
Higher
Actual:
381 ft.

SPILLS:
Name: GEORGIA POWER
Address: 845 WOODSDALE TRAIL
City,State,Zip: MACON, GA
CTS Number: Not reported
Spill Number: 04
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: 05/17/95
Spill Time: Not reported
Incident Type: Not reported
Material Involved: TRANSFORMER OIL
Quantity: Not reported
Phase: Not reported
Radioactive: Not reported
Material 2: Not reported
Quantity 2: Not reported
Phase 2: Not reported
Radioactive 2: Not reported
Waterway Impctd: PRIVATE POOL
Evacuation: Not reported
Caller: Not reported
Organization: Not reported
Org Phone: Not reported
Primary Concern: Not reported
Associate Name: Not reported
Investigation Date: Not reported
Resolved: Not reported
Closure Date: Not reported
Ten Days Follow Up: Not reported
Transferred Record: Not reported
Fire: Not reported
Police: Not reported
Sheriff: Not reported
GSP: Not reported
Medical: Not reported
EPA: Not reported
USCG: Not reported
EMA: Not reported
DRN: Not reported
DOT: Not reported
Responsible Prty: Not reported
RP Contact: Not reported
RP Address: Not reported
RP Phone: Not reported
RP City: Not reported
Action Code: Not reported
Action: DDO-ONLY
Investigator: Not reported
EOC Operator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGIA POWER (Continued)

S102602089

Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	Not reported
Comments:	Not reported
Comments 1:	Not reported
Referred:	Not reported
Comments 2:	Not reported
Substance:	Not reported
Comments 3:	Not reported
Location:	Not reported
Comments 4:	Not reported
Source:	Not reported
Comments 5:	Not reported
Details:	Not reported
Additional Info:	Not reported
Comments 6:	Not reported
Comments 7:	Not reported
Incident:	Not reported
Primary Concern 1 Description:	Not reported
Primary Concern 2:	Not reported
Primary Concern 2 Description:	Not reported
Source Address 1:	Not reported
Source Address 2:	Not reported
Source City:	Not reported
Source State:	Not reported
Source Zip:	Not reported
Direction:	Not reported
Caller Address 1:	Not reported
Caller Address 2:	Not reported
Caller City:	Not reported
Caller State:	Not reported
Caller Zip:	Not reported
Comp City:	Not reported
Branch:	Not reported
BDesc:	Not reported
Program:	Not reported
Prog Desc:	Not reported
Accept Date:	Not reported
Assign Date:	Not reported
FUI Need:	Not reported
Refer 2:	Not reported
Contact:	Not reported
Active:	Not reported
Facility ID:	Not reported
Approved Date:	Not reported
Facility Status:	Not reported

Count: 10 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BIBB COUNTY	S127159439	PLANT ARKWRIGHT ASH PONDS 2 AND 3	5241 ARKWRIGHT ROAD		NPDES
BIBB COUNTY	S127154457	GEORGIA POWER PLANT ARKWRIGHT ASH	5241 ARKWRIGHT ROAD NA		NPDES
BIBB COUNTY	S127159800	PLANT ARKWRIGHT ASH PONDS 2 AND 3	5241 ARKWRIGHT ROAD		NPDES
BIBB COUNTY	S120003024	PLANT ARKWRIGHT OR PLANT SCHERER	EITHER PLANT ARKWRIGHT OR PLAN		SPILLS
GRAY	U001481228	WHITES 66 SERVICE STATION	MACON RD		LUST, UST, Financial Assurance
MACON	S109591232	BIBB CO - GA POWER CO, PLANT ARKWR	RT 12, ARKWRIGHT RD		COAL ASH
MACON	S113886658	GA POWER COMPANY PLANT ARKWRIGHT	RT 12, ARKWRIGHT RD	31210	Financial Assurance
MACON	S125319548	GEORGIA POWER COMPANY - PLANT ARKW	ROUTE 12, ARKWRIGHT ROAD	31210	NPDES
MACON	S116495455	ARKWRIGHT DRYCLEANERS	3975 A ARKWRIGHT ROAD	31210	DRYCLEANERS
MACON	S105872144	SOUTHERN NATURAL GAS - NORTH/SOUTH	0.2 MI E OF I-75 ON BASS RD	31210	GA NON-HSI

EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
** - Indicates location may or may not be in requested radius. Site has not been assigned a latitude/longitude coordinate. Further review recommended.								
31032	U001481233	840032	GRAY POLICE DEPT		**	GRAY	GA	UST
31032	1021362871		HUBBARD CHEVRON		**	GRAY	GA	EDR Historical Auto Stations
31032	1024110611				**	GRAY	GA	DOT OPS
31032	1025716666		HITCHCOCK QUARRY			GRAY	GA	
31032	1025627341		L D OWEN PROSPECT			GRAY	GA	
31032	1020672770		J FRED'S BAIT & TACKLE	HWY #129	**	GRAY	GA	EDR Historical Auto Stations
31032	A100332417		DOUG'S GROCERY	RT. 1, BOX W9, WAYSIDE	**	GRAY	GA	AST
31032	1011935471	110037592450	BARRON QUARRY	SR 11		GRAY	GA	FINDS
31032	1006781134	110013504975	GLO FOOD STORE	1865 HWY 129 S	**	GRAY	GA	FINDS
31032	A100332421		NORTHERN PROPANE	HWY 129 CLOSED	**	GRAY	GA	AST
31032	1006776175	110013454751	BERRY MOORE DVM	US 129	**	GRAY	GA	FINDS
31032	U003006671	9084017	BERRY MOORE DVM	US 129		GRAY	GA	UST
31032	U001481220	00840019	TRI-COUNTY ELECTRIC MEMBERSHIP C	HWY 129/GRAY HWY	**	GRAY	GA	LUST, UST
31032	U001481240	840040	JACKSONS STORE	GA 18 @ UPPER RIVER RD		GRAY	GA	UST
31032	U001481215	840014	JAMES BAULKON STORE	HWY 18		JAMES	GA	UST
31032	1006793009	110013624569	JONES CO SHERIFF DEPARTMENT	HWY 18 E, 123 HOLMES HAWKINS DR	**	GRAY	GA	ICIS, FINDS, UST
31032	1021679797		TRIBBLE MRS C J	ROUTE 2	**	GRAY	GA	EDR Historical Auto Stations
31032	1021091961		GREENES QUICK STOP	ROUTE 2 BOX 525	**	GRAY	GA	EDR Historical Auto Stations
31032	1022058270		WHITES PHILLIPS 66	ROUTE 2 MACON RD	**	GRAY	GA	EDR Historical Auto Stations
31032	1021871303		WHITES PHILLIPS 66	RR 2	**	GRAY	GA	EDR Historical Auto Stations
31032	1021670114		GREENES QUICK STOP	RR 2 BOX 525	**	GRAY	GA	EDR Historical Auto Stations
31032	1000128049	GAD980798573	ALL POINTS TRUCKING INC	RT 2 CUMSCO RD		GRAY	GA	RCRA-NonGen
31032	1016223597	110007486871	ALL POINTS TRUCKING INC	RT 2 CUMSCO RD	**	GRAY	GA	FINDS
31032	1006781217	9084002	TRIBBLE'S GAS STATION	RT 2 GA HWY 18 WEST	**	GRAY	GA	UST
31032	1020506355		MULLIS BAIT & TACKEL	RT 2 HWY #129	**	GRAY	GA	EDR Historical Auto Stations
31032	1016951496		TITAN CORORATION	3769 ROUTE 20 EAST	**	FREEPORT	IL	TSCA
31032	S125321020		GRAY READY MIX - GRAY PLANT	218 HIGHWAY 22 EAST		GRAY	GA	TIER 2
31032	S125321520		GRAY READY MIX - GRAY PLANT	218 HIGHWAY 22 EAST		GRAY	GA	TIER 2
31032	S125321549		GRAY READY MIX - GRAY PLANT	218 HIGHWAY 22 EAST		GRAY	GA	TIER 2
31032	S125321027		READY MIX USA, LLC - GRAY PLANT	218 HWY 22 EAST		GRAY	GA	TIER 2
31032	S117049444		READY MIX USA, LLC - GRAY PLANT	218 HWY 22 EAST		GRAY	GA	TIER 2
31032	A100332409		FERRELLGAS, LP	244 HWY. 22 EAST	**	GRAY	GA	AST
31032	A100497071		FLASH FOODS #227	249 HIGHWAY 22 EAST	**	GRAY	GA	AST
31032	A100332431		FLASH FOODS #227	HIGHWAY 22 EAST	**	GRAY	GA	AST
31032	1020642767		FLASH FOODS INC	HWY 22 E	**	GRAY	GA	EDR Historical Auto Stations
31032	U003002792	840006	HAMRICK BLDG & SUPPLY CO INC	HWY 22 EAST 1/2 MILE EAST OF RR		GRAY	GA	LUST, UST
31032	1020899472		CREEKSIDE COUNTRY STORE	RR 4 BOX 945	**	GRAY	GA	EDR Historical Auto Stations
31032	1021919556		MULLIS BAIT & TACKLE	RT 4 HWY 129	**	GRAY	GA	EDR Historical Auto Stations
31032	A100500969		OLD CLINTON GAS & GROCERY	ROUTE 6, BOX 50	**	GRAY	GA	AST
31032	1026846631		805 HOLLY RIDGE DR.	801, 802, 805 HOLLY RIDGE DR.; 408 CHEF	**	GRAY	GA	
31032	1021380963		GLAWSON WILLIAM C	<	**	BRADLEY	GA	EDR Historical Auto Stations
31032	1020098700		SUNSHINE CENTER	<	**	GRAY	GA	EDR Historical Cleaners
31032	1022229376		HODKINSON PETER III	<	**	GRAY	GA	EDR Historical Auto Stations
31032	1021371361		GREENE RAYMOND E	<	**	BRADLEY	GA	EDR Historical Auto Stations
31032	1019922864		ALERT CLEANERS	<	**	GRAY	GA	EDR Historical Cleaners
31032	1021136227		HUBBARD CHEVRON	ADDRESS UNKNOWN	**	GRAY	GA	EDR Historical Auto Stations
31032	S127167849		WATER TOWER PARK SENIOR VILLAGE	1044 BOULDER DRIVE		GRAY	GA	NPDES
31032	1022979218	110070015573	WATER TOWER PARK SENIOR VILLAGE	1044 BOULDER DRIVE		GRAY	GA	FINDS
31032	1017824062		GRAY, CITY OF (WOLF CREEK WPCP)	P.O. BOX 443		GRAY	GA	
31032	1016299160	110011888742	TRI COUNTY EMC	P.O. BOX 487 HWY 129 N.	**	GRAY	GA	FINDS
31032	1005624648		TRI COUNTY EMC	P.O. BOX 487 HWY 129 N.	**	GRAY	GA	FTTS
31032	1021193686		OLD CLINTON GAS AND GROCERY	PO BOX 50	**	GRAY	GA	EDR Historical Auto Stations
31032	S127168575		DIRT BORROW SITE G GRAY NORTH BYP	PO BOX 763	**	GRAY	GA	NPDES

EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
31032	1006775717	110013450167	JONES COUNTY PUBLIC WORKS	CHAIN-GANG RD/COURT HOUSE	**	GRAY	GA	ICIS, FINDS
31032	1021058241		CHEVYS FINA STATION	100 E CLINTON ST		GRAY	GA	EDR Historical Auto Stations
31032	U003006677	09084023	WHOLESALE TIRE & WHEEL CO	100 W CLINTON ST		GRAY	GA	LUST, UST
31032	1020847425		GRAY GULF SERVICE	122 N CLINTON ST	**	GRAY	GA	EDR Historical Auto Stations
31032	1006781094	110013504573	CHICK INN EXPRESS	180 W CLINTON ST		GRAY	GA	FINDS
31032	1021021840		WEST CLINTON BP INC	180 W CLINTON ST		GRAY	GA	EDR Historical Auto Stations
31032	U003158312	9084033	GRAY MARATHON	180 W CLINTON ST		GRAY	GA	UST
31032	1008337285	110022322431	GRAY BP (MAY AND CARTER OIL COMPAI	180 W. CLINTON STREET		GRAY	GA	ICIS, FINDS
31032	1026750304		HARVEYS STORE #1667	208 WEST CLINTON STREET		GRAY	GA	
31032	1026725136	GAR000091827	HARVEYS STORE #1667	208 WEST CLINTON STREET		GRAY	GA	RCRA-CESQG
31032	1022987864	110070024234	REAMES CONCRETE CO - GRAY	218 E CLINTON ST		GRAY	GA	FINDS
31032	S110693980		GRAY PLANT	218 EAST CLINTON STREET		GRAY	GA	TIER 2
31032	S118160445		GRAY PLANT	218 EAST CLINTON STREET		GRAY	GA	NPDES, TIER 2
31032	A100332419		ACE HARDWARE OF GRAY	243 WEST CLINTON STREET		GRAY	GA	AST
31032	U004249917		INGLES MARKETS GAS EXPRESS #486	261 WEST CLINTON ST		GRAY	GA	UST
31032	1021617426		FLASH FOODS INC	283 W CLINTON ST		GRAY	GA	EDR Historical Auto Stations
31032	1007453843	110017744324	FLASH FOODS #197	283 W CLINTON ST		GRAY	GA	TIER 2, FINDS, UST
31032	A100332435		FLASH FOODS #197	283 WEST CLINTON STREET		GRAY	GA	AST
31032	1006781078	110013504412	WEST GRAY BP	295 W CLINTON ST		GRAY	GA	FINDS
31032	U003763464	9084038	WEST GRAY BP	295 W CLINTON ST		GRAY	GA	UST
31032	S127207450		TRI-COUNTY EMC	310 WEST CLINTON		GRAY	GA	NPDES
31032	S127204427		TRI-COUNTY EMC	310 WEST CLINTON STREET		GRAY	GA	NPDES
31032	1022975963	110070012315	TRI-COUNTY EMC	310 WEST CLINTON STREET		GRAY	GA	FINDS
31032	1006775606	110013449045	HANDY ANDY	500 W CLINTON ST		GRAY	GA	FINDS, LUST, UST
31032	A100332433		HANDY ANDY	500 WEST CLINTON STREET		GRAY	GA	AST
31032	1018350738	110070737888	RITE AID #3254	611 WEST CLINTON STREET		GRAY	GA	FINDS
31032	U001920396	9084012	CENTRAL OF GA RR	CLINTON ST		GRAY	GA	UST
31032	1021859977		CHEVRON SERVICE CENTER	CLINTON ST	**	GRAY	GA	EDR Historical Auto Stations
31032	1021433653		BROWNS TIRE & SERVICE CENTER	WEST CLINTON ST	**	GRAY	GA	EDR Historical Auto Stations
31032	1021900255		AMERICAN OIL SERVICE STATION	CLNTN & MADISON		GRAY	GA	EDR Historical Auto Stations
31032	1021588930		JACKS STANDARD STATION	CLNTON ST	**	GRAY	GA	EDR Historical Auto Stations
31032	A100327821		FERRELLGAS, L.P.	COCHRAN SHORT RD.	**	MACON	GA	AST
31032	1007219508	110016751157	AMERICAN MATERIAL SERVICES	1154 CUMSLO RD		GRAY	GA	FINDS
31032	1007118525	GAR000022681	AMERICAN MATERIAL SERVICES	1154 CUMSLO RD		GRAY	GA	RCRA-NonGen
31032	1024225141	110070220774	JONES COUNTY HIGH SCHOOL ADDITION	339 CUMSLO ROAD		GRAY	GA	FINDS
31032	1024128741		JONES COUNTY HIGH SCHOOL ADDITION	339 CUMSLO ROAD		GRAY	GA	
31032	S127172643		JONES COUNTY HIGH SCHOOL ADDITION	339 CUMSLO ROAD		GRAY	GA	NPDES
31032	U004198028		JONES COUNTY PUBLIC WORKS	454 CUMSLO RD		GRAY	GA	UST
31032	1000906679	110005663594	SITE SERVICES CORP	5000 CUMSLO RD		GRAY	GA	RCRA-NonGen, FINDS
31032	1006834067	110013947596	JONES CO / GRAY CITY CR S1079 LF	CUMSLO RD.		GRAY	GA	FINDS
31032	S103224305	10438	JONES COUNTY MUNICIPAL SOLID WAST	CUMSLO ROAD		GRAY	GA	SHWS
31032	1016223490	110007484962	AVANT TRUCKING COMPANY INC	CUMSLO ROAD		GRAY	GA	FINDS
31032	1000321791	GAD051010866	AVANT TRUCKING COMPANY INC	CUMSLO ROAD	**	GRAY	GA	RCRA-NonGen
31032	U004117340		DAVIS 6 INVESTMENTS LP	112 DOLLY STREET		GRAY	GA	LUST, UST
31032	S121116195		GRAY, CITY OF - GLOVER LANE PS, EVOC	250 DOLLY ST		GRAY	GA	TIER 2
31032	U001481241	840041	CTC OF THE SOUTH-GRAY	DOLLY ST		GRAY	GA	UST
31032	1006776178	110013454788	THOMAS SMITH SMITHS EXXON THE CR	100 EATONTON HWY		GRAY	GA	FINDS
31032	U004198086		THE CROSSING FOOD MART	104 EATONTON HWY		GRAY	GA	LUST, UST
31032	A100332434		K & A GROCERY #2	120 EATONTON HIGHWAY		GRAY	GA	AST
31032	U003984428	10000710	DAN'S BP	1210 EATONTON HWY		GRAY	GA	
31032	A100332412		MID-GEORGIA PROPANE	288 EATONTON HIGHWAY		GRAY	GA	AST
31032	S117053823		MID GEORGIA PROPANE	288 EATONTON HIGHWAY		GRAY	GA	TIER 2
31032	S107773604	FATR20064U8KVZ03L8TY --	MID GEORGIA PROPANE - 288 EATONTON HWY --	288 EATONTON HWY		GRAY	GA	TIER 2
31032	1024417594	110070335469	PIEDMONT WOODS PRODUCTS, LLC	101 FOLEDRE RD		GRAY	GA	FINDS
31032	1024379403	110070283153	SOUTHERN WOOD WORKS OF GRAY, LLC	101 FOLEDRE RD.		GRAY	GA	FINDS
31032	2011996370			FORTVILLE ROAD	**	GRAY	GA	ERNS
31032	S123104439		GRAY, CITY OF - THE PINES - EVOQUA W.	55 GEORGIA 18		GRAY	GA	TIER 2
31032	U001491143	09050002	WADE WOOD GROCERY	586 GORDON HWY-GA HWY 243		GRAY	GA	LUST, UST
31032	A100332418		PIEDMONT HOUSING, INC. (CLOSED)	2610 GRAY HIGHWAY CLOSED	**	GRAY	GA	AST
31032	1010350885	110030911529	CONN REALTY, INC.	3386 GRAY HIGHWAY		GRAY	GA	FINDS
31032	S125318701		BATTLE BORROW PIT	3468 GRAY HWY		GRAY	GA	NPDES
31032	1006795378	110013648437	CREEKSIDE BAIT & TACKLE	3531 GRAY HWY		GRAY	GA	ICIS, FINDS
31032	1021568833		CREEKSIDE GROCERIS & GAS	3534 GRAY HWY		GRAY	GA	EDR Historical Auto

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31032	U004188679		CREEKSIDE BAIT & TACKLE	3534 GRAY HWY		GRAY	GA	Stations
31032	U003006678	09084030	GREENS WATER WELLS INC	3535 GRAY HIGHWAY		GRAY	GA	LUST, UST
31032	S127166885		GRAY NORTH BY-PASS DIRT PIT E	4139 GRAY HIGHWAY		GRAY	GA	LUST, UST
31032	1022980055	110070016414	GRAY NORTH BY-PASS DIRT PIT E	4139 GRAY HIGHWAY		GRAY	GA	NPDES
31032	1026183169		LANDMARK DEVELOPMENT	4161 GRAY HIGHWAY		GRAY	GA	FINDS
31032	S127178034		LANDMARK DEVELOPMENT	4161 GRAY HIGHWAY		GRAY	GA	NPDES
31032	1026420441	110070741913	LANDMARK DEVELOPMENT	4161 GRAY HIGHWAY		GRAY	GA	FINDS
31032	1006776165	110013454653	OLD CLINTON GAS & GROCERIES	4243 GRAY HWY		GRAY	GA	ICIS, FINDS
31032	U003158310	9084031	OLD CLINTON GAS & GROCERIES	4243 GRAY HWY		GRAY	GA	UST
31032	1020191140		OLD CLINTON GAS INC	4243 GRAY HWY		GRAY	GA	EDR Historical Auto
31032	1014696388	110043432826	H & H BODY SHOP, INC.	4250 GRAY HWY		GRAY	GA	Stations
31032	1014696387	110043432817	STAN'S BODY SHOP, LLC.	4358 GRAY HIGHWAY		GRAY	GA	FINDS
31032	A100332427		GLO FOODS	4385 GRAY HIGHWAY 22		GRAY	GA	FINDS
31032	1020211489		CITY LIMITS EXXON	4386 GRAY HWY		GRAY	GA	AST
31032	U003006673	9084019	CITY LIMITS MARATHON	4386 GRAY HWY		GRAY	GA	EDR Historical Auto
31032	1004461975	GAD007977002	TRI CNTY EMC	GRAY HWY	**	GRAY	GA	Stations
31032	S127740548		ANDREWS PAVING COMPANY	GREEN SETTLEMENT ROAD	**	GRAY	GA	BROWNFIELDS, LUST, UST
31032	1022050598		GREENES GAS & GROCERY	758 GREENE SETTLEMENT RD		GRAY	GA	PADS
31032	1006795395	110013648605	DAN GREENE	758 GREENE SETTLEMENT RD		GRAY	GA	SWF/LF
31032	U003936292	840007	DAN GREENE	758 GREENE SETTLEMENT RD		GRAY	GA	EDR Historical Auto
31032	S127212487		HENDERSON RIDGE LOTS 5 & 6	133-151 HENDERSON RIDGE DRIVE		DALLAS	GA	Stations
31032	1018353102	110064584481	GRAY, CITY OF (GRAY WTP)	155 HIGHVIEW STREET		GRAY	GA	FINDS
31032	S125319599		GRAY, CITY OF (GRAY WTP)	155 HIGHVIEW STREET		GRAY	GA	NPDES
31032	1020756729		WHITES PHILLIPS 66	HIGHVIEW ST RR 206	**	GRAY	GA	EDR Historical Auto
31032	1020790267		FLASH FOODS INC	249 GA HIGHWAY 22 E	**	GRAY	GA	Stations
31032	A100499919		MAJIK MARKET	GA. HIGHWAY 5 & 49	**	GRAY	GA	EDR Historical Auto
31032	A100503300		STAN'S PAK-A-SAC	U.S. HIGHWAY 129	**	GRAY	GA	Stations
31032	A100497813		GRAY B.P.	U.S. HIGHWAY 129 & HIGHVIEW STREET	**	GRAY	GA	AST
31032	1025469424		DOLLAR GENERAL STORE # 20581	HOMER ROBERTS RD	**	GRAY	GA	AST
31032	1025810098	110070545052	DOLLAR GENERAL STORE # 20581	HOMER ROBERTS RD	**	GRAY	GA	FINDS
31032	S127175458		DOLLAR GENERAL STORE # 20581	HOMER ROBERTS RD	**	GRAY	GA	NPDES
31032	S113718606		GRAY, CITY OF (WOLF CREEK WPCP)	163 HOMESTEAD DR		GRAY	GA	NPDES, SPILLS
31032	1019912539		GRAY (CITY OF) WOLF CREEK WPCP	163 HOMESTEAD DR		GRAY	GA	ICIS
31032	1024604070	110070391472	WOODLAND SPRINGS TOWNHOMES	HOWARD CREEK, OFF OF HWY. 18 CONN		GRAY	GA	FINDS
31032	S127251573		WOODLAND SPRINGS TOWNHOMES	HOWARD CREEK, OFF OF HWY. 18 CONN	**	GRAY	GA	NPDES
31032	U001481214	840013	GRAY CONCRETE SVC INC	128 GA HWY 22 E		GRAY	GA	LUST, UST
31032	1006795373	110013648384	FLASH FOODS #227	249 GA HWY 22 EAST		GRAY	GA	FINDS, LUST
31032	U004188680		FLASH FOODS #227	249 GA HWY 22 EAST		GRAY	GA	UST
31032	A100332429		GLO FOODS	GA HWY 22	**	GRAY	GA	AST
31032	S107773254	FATR200624CSCU02	WALD -- FLASH FOODS # 227 -- GA HWY 22 EAST	GA HWY 22 EAST		GRAY	GA	TIER 2
31032	S117054083		FLASH FOODS # 227	GA HWY 22 EAST		GRAY	GA	TIER 2
31032	U001481207	00840005	RUBY QUARRY	GA HWY 49		MACON	GA	LUST, UST
31032	U001492154	09084003	NORFOLK SOUTHERN RAILWAY	US HWY 129 & RAILROAD ST		GRAY	GA	LUST, UST
31032	1021041230		MULLIS BAIT & TACKLE	US HWY 129 JONES CNTY	**	GRAY	GA	EDR Historical Auto
31032	1021974645		OLD CLINTON GAS AND GROCERY	US HWY 129 JONES COUNTY	**	GRAY	GA	Stations
31032	A100503898		THE CROSSING	GA. HWY. 22 & 129	**	GRAY	GA	EDR Historical Auto
31032	1004687948	110005716421	PERFORMANCE PAINT AN DBODY	1 INDUSTRIAL BLVD		GRAY	GA	Stations
31032	U003296256	9084034	ROBERTS TIMBER CO INC	151 INDUSTRIAL BLVD		GRAY	GA	RCRA-NonGen, FINDS
31032	S125319837		JONES COUNTY MS4	166 INDUSTRIAL BLVD		GRAY	GA	LUST, UST
31032	1023637267	110070046026	JONES COUNTY MS4	166 INDUSTRIAL BLVD		GRAY	GA	NPDES
31032	1006776163	110013454635	ROBERTS TIMBER CO INC	INDUSTRIAL BLVD		GRAY	GA	FINDS
31032	S127740556		BILL (WILLIAM H.) CECIL INERT LANDFILL	133 JAMES STREET		GRAY	GA	SWF/LF
31032	U001481217	840016	JONES CO SHERIFFS DEPT	JEFFERSON ST/COURTHOUSE		GRAY	GA	LUST, UST
31032	1021750997		JOES TRUCK STOP	JOES TRUCK STOP	**	GRAY	GA	EDR Historical Auto
31032	S112372755		UNKNOWN	4182 KEVIN DRIVE		GRAY	GA	Stations
31032	1026848474		611 LAKESHORE DRIVE	611, 615 LAKESHORE DRIVE; 706, 710 SPF	**	GRAY	GA	Stations
31032	S127740547		JONES CO - HONEYCUTT INERT LANDFILL	LAND PARCLES 13-A & 14	**	GRAY	GA	SWF/LF
31032	1022991091	110070027464	LEGACY FARMS PRESERVE STREAM BAN	LEGACY FARMS RD.		GRAY	GA	FINDS
31032	A100490972		WOMACK PAVING INC	128 LIBERTY RIDGE ROAD		GRAY	GA	AST
31032	S125320391		REEVES CONSTRUCTION CO - MACON PL	LITE-N-TIE ROAD		GRAY	GA	NPDES
31032	1020239524		WHITES PHILLIPS 66	129 MACON RD STE 160		GRAY	GA	EDR Historical Auto

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31032	1021250559		GRAY PHILLIPS 66 SERVICE STN	MACON RD	**	GRAY	GA	EDR Historical Auto Stations
31032	U001481228	00840027	WHITES 66 SERVICE STATION	MACON RD	**	GRAY	GA	LUST, UST
31032	U001481204	840001	JONES CO SCHOOL BUS GARAGE	MADISON ST	**	GRAY	GA	UST
31032	1022209844		HAIZLIP SAM GROCERY	354 MAIN ST	**	BRADLEY	GA	EDR Historical Auto Stations
31032	1001487263	110007496110	DALLAS COLLISION	1126 MARIETTA HWY		DALLAS	GA	RCRAInfo-SQG, FINDS
31032	1012090091	110038673441	C.S.R. KNOX RIVERS CONSTR. PLT 1	MARTIN-MARIETTA QUARRY		GRAY	GA	ICIS, FINDS
31032	S121797928		C.S.R. KNOX RIVERS CONSTR. PLT 1	MARTIN-MARIETTA QUARRY	**	GRAY	GA	AIRS
31032	S112372014		CHEROKEE	1 MILE PAST HADDOCK ON HWY22	**		GA	
31032	S112368796		NORFOLK SOUTHERN RAILROAD COMPA	MILE MARKER M S179.1 CALLER GAVE G	**	GRISWOLD	GA	
31032	S112374831		NORFOLK SOUTHERN RAILROAD COMPA	MILE MARKER M S179.1 CALLER GAVE G	**	GRISWOLD	GA	
31032	U003728518	9084037	T & C SPEED STOP	1495 MONTICELLO HWY	**	GRAY	GA	UST
31032	1006781085	110013504485	T & C SPEED STOP	1495 MONTICELLO HWY	**	GRAY	GA	FINDS
31032	1017785367	110064518703	ER SNELL - GRAY CONCRETE PLANT	355 MONTICELLO HIGHWAY	**	GRAY	GA	FINDS
31032	S121798594		ER SNELL - GRAY CONCRETE PLANT	355 MONTICELLO HWY	**	GRAY	GA	AIRS, NPDES
31032	1007083486	110015609723	LYNN HAVEN NURSING HOME	747 MONTICELLO HIGHWAY	**	GRAY	GA	FINDS
31032	1006776325	110013456250	YOGIS FOOD MART	2403 MOODY RD	**	WARNER ROBINS	GA	FINDS, UST
31032	S121116198		GRAY, CITY OF - LYNN HAVEN PS, EVOQL	737 MONTICELLO HWY	**	GRAY	GA	TIER 2
31032	1026847179		NATURE'S WALK SUBDIVISION	742 NATURE'S WALK	**	GRAY	GA	
31032	1026847804		NATURE'S WALK SUBDIVISION	733 NATURE'S WALK	**	GRAY	GA	
31032	1026848286		NATURE'S WALK SUBDIVISION-LOTS 23, 2	750 NATURE'S WALK	**	GRAY	GA	
31032	1026846855		NATURE'S WALK SUBDIVISION-LOTS 33, 3	790 NATURE'S WALK	**	GRAY	GA	
31032	1018587640		MILADY CLEANERS INC	102 NEWBY LN	**	GRAY	GA	EDR Historical Cleaners
31032	S109495950		JONES CO - CUMSLO RD PH 2 (SL)	OFF CUMSLO RD	**	GRAY	GA	SWF/LF
31032	S113886864		JONES CO - CUMSLO RD, CR S1079, GRA	OFF CUMSLO RD, W OF CR S1079	**	GRAY	GA	SWF/LF
31032	S122220393		LAWRENCE BROWN JR PROPERTY	263 OLD HIGHWAY 18	**	GRAY	GA	LUST
31032	U004281956		LAWRENCE BROWN JR PROPERTY	263 OLD HIGHWAY 18	**	GRAY	GA	UST
31032	S118160321		SOUTHERN NATURAL GAS - BRUNSWICK	OLD MACON ROAD	**	GRAY	GA	TIER 2
31032	S117049300		BRUNSWICK CHECK	OLD MACON ROAD	**	GRAY	GA	TIER 2
31032	S111278250		BRUNSWICK CHECK	OLD MACON ROAD	**	GRAY	GA	TIER 2
31032	S127168198		GRAY NORTH BY-PASS TEMP. CONCRETI	OLIVER GREENE	**	GRAY	GA	NPDES
31032	S127167527		GRAY NORTH BY- PASS DIRT PIT F	OLIVER GREENE	**	GRAY	GA	NPDES
31032	1022979231	110070015586	GRAY NORTH BY-PASS TEMP. CONCRETI	OLIVER GREENE	**	GRAY	GA	FINDS
31032	S125319836		JONES COUNTY - CUMSLO ROAD MSWLF	147 OVERLAND ROAD	**	GRAY	GA	NPDES
31032	S108416750	FATR20064TJT4M09DQDF --	WINDSTREAM - UNADILLA -- UNADILLA	2366 PINE STREET	**	UNADILLA	GA	TIER 2
31032	S117051043		WINDSTREAM - UNADILLA	2366 PINE STREET	**	UNADILLA	GA	TIER 2
31032	1018290466		DOUGLAS ASPHALT CO	186 PITTS CHAPEL RD.	**	GRAY	GA	ICIS
31032	A100336505		MARTIN MARIETTA AGGREGATES	PITTS CHAPEL RD, GA HWY 49	**	GRAY	GA	AST
31032	1016214019	110006178466	REEVES CONSTRUCTION COMPANY - GF	PITTS CHAPEL RD.	**	GRAY	GA	ICIS, FINDS
31032	S107750380	316900013	DOUGLAS ASPHALT COMPANY	PITTS CHAPEL RD.	**	GRAY	GA	AIRS
31032	1026385549	110070014101	REEVES CONSTRUCTION CO - GRAY	PITTS CHAPEL ROAD	**	GRAY	GA	FINDS
31032	S117390097		REEVES CONSTRUCTION CO - GRAY	PITTS CHAPEL ROAD	**	GRAY	GA	NPDES
31032	A100335367		KNOX RIVERS, INC.	PITTS CHAPEL ROAD CLOSED	**	RUBY, SEE 84-LPB-013	GA	AST
31032	A100332411		PALMETTO GAS CORPORATION	PITTS CHAPPEL RD OFF HWY 49	**	GRAY	GA	AST
31032	U003002796	840031	GRAY FEED SEED FERT CO INC	RAIL RD ST	**	GRAY	GA	LUST, UST
31032	U003158499	09134020	NORFOLK SOUTHERN	101 RAILROAD STREET	**	HELENA	GA	LUST, UST
31032	1024149176	110070256083	JONES COUNTY TRAILS @ 6LOCS- PHASI	130 RAILROAD STREET	**	GRAY	GA	FINDS
31032	S127186402		JONES COUNTY TRAILS @ 6LOCS- PHASI	130 RAILROAD STREET	**	GRAY	GA	NPDES
31032	U003296257	9084035	JONES COUNTY BOARD OF EDUCATION	237 RAILROAD ST	**	GRAY	GA	UST
31032	1006781090	110013504537	JONES COUNTY BOARD OF EDUCATION	237 RAILROAD STREET	**	GRAY	GA	FINDS
31032	1026209742		JONES COUNTY HIGH SCHOOL FOOTBAL	339 RAILROAD STREET	**	GRAY	GA	
31032	1026437014	110070792679	JONES COUNTY HIGH SCHOOL FOOTBAL	339 RAILROAD STREET	**	GRAY	GA	FINDS
31032	S127178229		JONES COUNTY HIGH SCHOOL FOOTBAL	339 RAILROAD STREET	**	GRAY	GA	NPDES
31032	1020098701		SUNSHINE CENTER	RAILROAD ST	**	GRAY	GA	EDR Historical Cleaners
31032	1022101869		MORTON JAMES H	RFD HWY 22 E	**	GRAY	GA	EDR Historical Auto Stations
31032	1020033722		MALOY CLEANERS	ROFF ST	**	GRAY	GA	EDR Historical Cleaners
31032	1020033723		MALOY CLEANERS	ROFF STREET	**	GRAY	GA	EDR Historical Cleaners
31032	1000411974		MARTIN MARIETTA AGGREGATES	RUBY QUARRY HWY	**	GRAY	GA	ICIS
31032	S121799650		MARTIN MARIETTA AGGREGATES	RUBY QUARRY HWY	**	MACON	GA	AIRS
31032	1017806481	110064133174	MARTIN MARIETTA AGGREGATES	RUBY QUARRY, HWY 49 N	**	GRAY	GA	FINDS
31032	S107751238	316900005	MARTIN MARIETTA AGGREGATES	RUBY QUARRY, HWY 49 N	**	GRAY	GA	AIRS
31032	1006775732	00840002	DEPARTMENT OF TRANSPORTATION 103	1 MI S OF GRAY ON CUMSLO RD	**	GRAY	GA	LUST, UST
31032	1020864288		OLD CLINTON GAS AND GROCERY	U S HWY 129 JONES CNTY	**	GRAY	GA	EDR Historical Auto Stations
31032	S127166890		GRAY NORTH BY-PASS DIRT PIT C	STATE ROUTE 11	**	GRAY	GA	NPDES
31032	S127166886		GRAY NORTH BY- PASS DIRT PIT D	STATE ROUTE 11	**	GRAY	GA	NPDES
31032	1022980119	110070016479	GRAY NORTH BY-PASS DIRT PIT C	STATE ROUTE 11	**	GRAY	GA	FINDS
31032	1016720418	110057186218	JONES COUNTY SCHOOL SYSTEM	125 STEWART AVENUE	**	STONE MOUNTAIN	GA	ICIS, FINDS
31032	1016299180	110011889279	JONES COUNTY SCHOOL DISTRICT	STEWART AVENUE	**	GRAY	GA	FINDS

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31032	1004461513		JONES COUNTY SCHOOL DISTRICT	STEWART AVENUE	**	GRAY	GA	FTTS
31032	S121116199		GRAY, CITY OF - STONE BROOKE, EVOQL	225 STONE BROOKE DR		GRAY	GA	TIER 2
31032	1020759785		GREENES QUICK STOP	139 TAYLOR RD		GRAY	GA	EDR Historical Auto Stations
31032	1026869803		TWIN LAKES SUBDIVISION	373 TWIN LAKES DRIVE		GRAY	GA	
31032	S127178640		ZAXBY'S	166, 170 W CLINTON STREET	**	GRAY	GA	NPDES
31032	1026462177	110070826617	ZAXBY'S	166, 170 W CLINTON STREET	**	GRAY	GA	FINDS
31032	1021247918		GOODSON C PAUL GENERAL MDS	WAYSIDE	**	GRAY	GA	EDR Historical Auto Stations
31032	1022988878	110070025248	GRAY NORTH BY-PASS DIRT PIT A & B	WEIDNER DRIVE	**	GRAY	GA	FINDS
31032	S127166888		GRAY NORTH BY-PASS DIRT PIT A & B	WEIDNER DRIVE	**	GRAY	GA	NPDES
31210	1006775849	110013451488	CLIFFORD EVANS	I-475 & ZEBULON RD		MACON	GA	FINDS
31210	S127254878		HIGHLAND PLANTATION PHASE 1 - LOT 11	682, 680 , 678 IVY BROOK WAY	**	MACON	GA	NPDES
31210	1024605863	110070393265	HIGHLAND PLANTATION PHASE 1 - LOT 11	682, 680 , 678 IVY BROOK WAY	**	MACON	GA	FINDS
31210	92118661			RT 1	**	MACON	GA	ERNS
31210	S127277305		HIGHLAND PLANTATION PHASE 1 - LOT 3	115 & 111 COLD CREEK PARKWAY	**	MACON	GA	NPDES
31210	1026666417		HIGHLAND PLANTATION PHASE 1 - LOT 3	115 & 111 COLD CREEK PARKWAY	**	MACON	GA	
31210	1026700354	110070876307	HIGHLAND PLANTATION PHASE 1 - LOT 3	115 & 111 COLD CREEK PARKWAY	**	MACON	GA	FINDS
31210	1026790858	110070924291	HIGHLAND PLANTATION LOTS 342-344	121, 119, 117 COLD CREEK PARKWAY	**	MACON	GA	FINDS
31210	1026750609		HIGHLAND PLANTATION LOTS 342-344	121, 119, 117 COLD CREEK PARKWAY	**	MACON	GA	
31210	1026735283		HIGHLAND PLANTATION LOT 117-118	116 & 118 COLD CREEK PARKWAY	**	MACON	GA	
31210	S127279176		HIGHLAND PLANTATION LOT 117-118	116 & 118 COLD CREEK PARKWAY	**	MACON	GA	NPDES
31210	1026770379	110070893004	HIGHLAND PLANTATION LOT 117-118	116 & 118 COLD CREEK PARKWAY	**	MACON	GA	FINDS
31210	U001486744	4110082	SNG/OCMULGEE COMPRESSOR STA	RT 12 ARKWRIGHT RD	**	MACON	GA	UST
31210	S125319548		GEORGIA POWER COMPANY - PLANT ARI	ROUTE 12, ARKWRIGHT ROAD	**	MACON	GA	NPDES
31210	S113886658		GA POWER COMPANY PLANT ARKWRIGHT	RT 12, ARKWRIGHT RD	**	MACON	GA	
31210	S123437558		GA POWER COMPANY PLANT ARKWRIGHT	RT 12, ARKWRIGHT RD	**	MACON	GA	SWF/LF
31210	1026791682	110070925185	HIGHLAND PLANTATION LOTS 339-341	127, 125, 123 COLD CREEK PARKWAY	**	MACON	GA	FINDS
31210	1026750608		HIGHLAND PLANTATION LOTS 339-341	127, 125, 123 COLD CREEK PARKWAY	**	MACON	GA	
31210	1026792266	110070925825	HIGHLAND PLANTATION LOTS 119-122	120, 122, 124, 128 COLD CREEK PARKWAY	**	MACON	GA	FINDS
31210	1026750607		HIGHLAND PLANTATION LOTS 119-122	120, 122, 124, 128 COLD CREEK PARKWAY	**	MACON	GA	
31210	1026842307		HIGHLAND PLANTATION LOT 339-341	123, 125, 127 COLD CREEK PARKWAY	**	MACON	GA	
31210	S127260585		HIGHLAND PLANTATION PHASE 1 - LOT 1	128, 130, 132, 136, 138 COLD CREEK PARKWAY	**	MACON	GA	NPDES
31210	1025813882	110070553442	HIGHLAND PLANTATION PHASE 1 - LOT 1	128, 130, 132, 136, 138 COLD CREEK PARKWAY	**	MACON	GA	FINDS
31210	1025475968		HIGHLAND PLANTATION PHASE 1 - LOT 1	128, 130, 132, 136, 138 COLD CREEK PARKWAY	**	MACON	GA	
31210	1026536724	110070829358	HIGHLAND PLANTATION PHASE 1 - LOT 3	145, 143, 141, 139, 137 COLD CREEK PARKWAY	**	MACON	GA	FINDS
31210	1026504545		HIGHLAND PLANTATION PHASE 1 - LOT 3	145, 143, 141, 139, 137 COLD CREEK PARKWAY	**	MACON	GA	
31210	S127273612		HIGHLAND PLANTATION PHASE 1 - LOT 3	145, 143, 141, 139, 137 COLD CREEK PARKWAY	**	MACON	GA	NPDES
31210	1025917111		HIGHLAND PLANTATION PHASE 1 - LOT 1	142 & 144 COLD CREEK PARKWAY & 361 I	**	MACON	GA	
31210	1025986271	110070599043	HIGHLAND PLANTATION PHASE 1 - LOT 1	142 & 144 COLD CREEK PARKWAY & 361 I	**	MACON	GA	FINDS
31210	S127263638		HIGHLAND PLANTATION PHASE 1 - LOT 1	142 & 144 COLD CREEK PARKWAY & 361 I	**	MACON	GA	NPDES
31210	U001493708	9143002	MUSSELWHITE #10	RT 2	**	MACON	GA	UST
31210	1026857615		HIGHLAND PLANTATION LOTS - 354-358	205, 207, 209, 211, 215 HAWTHORNE TRAIL	**	MACON	GA	
31210	S127272320		HIGHLAND PLANTATION PHASE 1 - LOT 3	403 & 401 HAWTHORN TRAIL	**	MACON	GA	NPDES
31210	1026459086	110070819218	HIGHLAND PLANTATION PHASE 1 - LOT 3	403 & 401 HAWTHORN TRAIL	**	MACON	GA	FINDS
31210	A100333136		PIERSON PROPANE, INC.	5867 HIGHWAY 41 SOUTH	**	MACON	GA	AST
31210	1021244708		WALTHALL OIL COMPANY	5969 HWY 41 S	**	MACON	GA	EDR Historical Auto Stations
31210	1021776968		MARATHON 19	6025 HWY 41 S	**	MACON	GA	EDR Historical Auto Stations
31210	2003649562			7369 HWY 41 SOUTH	**	MACON	GA	ERNS
31210	1024026636	110070145825	NEW FACILITY FOR TRANSPORTATION AND	4580 & 4660 CAVALIER DRIVE	**	MACON	GA	FINDS
31210	S127172422		NEW FACILITY FOR TRANSPORTATION AND	4580 & 4660 CAVALIER DRIVE	**	MACON	GA	NPDES
31210	1021900733		MINI-FOOD STORES INC	4004 I 475 INDUS BLVD	**	MACON	GA	EDR Historical Auto Stations
31210	1026844417		SHIRLEY OAKS SUBDIVISION LOTS 33-48	5009,5005,1109,1015,1011,1007,5138,5134,	**	MACON	GA	
31210	1026867350		SHIRLEY OAKS SUBDIVISION LOTS 19-32	5065,5061,5057,5053,5049,5045,5041,5037,	**	MACON	GA	
31210	1026843876		SHIRLEY OAKS SUBDIVISION LOTS 49-58	5066,5062,5058,5054,5050,5046,5042,5038,	**	MACON	GA	
31210	1026867349		SHIRLEY OAKS SUBDIVISION LOTS 11, 12	5097, 5093, 5081, 5077, 5073, 5069 SHIRLEY	**	MACON	GA	
31210	1026704886	110070885251	SHIRLEY OAKS SUBDIVISION LOTS 1-10	5137, 5133, 5129, 5125, 5121, 5117, 5113, 5109	**	MACON	GA	FINDS
31210	1026685297		SHIRLEY OAKS SUBDIVISION LOTS 1-10	5137, 5133, 5129, 5125, 5121, 5117, 5113, 5109	**	MACON	GA	
31210	1026398395	110070704709	SHIRLEY OAKS 1-11	5137, 5133, 5129, 5125, 5121, 5117, 5113, 5109	**	MACON	GA	FINDS
31210	1026151536		SHIRLEY OAKS 1-11	5137, 5133, 5129, 5125, 5121, 5117, 5113, 5109	**	MACON	GA	
31210	S127277902		SHIRLEY OAKS SUBDIVISION LOTS 1-10	5137, 5133, 5129, 5125, 5121, 5117, 5113, 5109	**	MACON	GA	NPDES
31210	S127270094		SHIRLEY OAKS 1-11	5137, 5133, 5129, 5125, 5121, 5117, 5113, 5109	**	MACON	GA	NPDES
31210	1026458719	110070818821	HIGHLAND PLANTATION PHASE 1 - LOT 1	570 & 584 IVY BROOK WAY	**	MACON	GA	FINDS
31210	S127272318		HIGHLAND PLANTATION PHASE 1 - LOT 1	570 & 584 IVY BROOK WAY	**	MACON	GA	NPDES
31210	S127258951		HIGHLAND PLANTATION PHASE 1 - LOT 4	604 606 608 IVY BROOK WAY	**	MACON	GA	NPDES
31210	1025811639	110070548532	HIGHLAND PLANTATION PHASE 1 - LOT 4	604 606 608 IVY BROOK WAY	**	MACON	GA	FINDS
31210	1025472848		HIGHLAND PLANTATION PHASE 1 - LOT 4	604 606 608 IVY BROOK WAY	**	MACON	GA	
31210	1026789492	110070919096	HIGHLAND PLANTATION LOT 61-63	630, 636, 638 IVY BROOK WAY	**	MACON	GA	FINDS

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
31210	1026740065		HIGHLAND PLANTATION LOT 61-63	630, 636, 638 IVY BROOK WAY	**	MACON	GA	
31210	S127254877		HIGHLAND PLANTATION PHASE 1 - LOT 1:	674 & 672 IVY BROOK WAY	**	MACON	GA	NPDES
31210	1024604749	110070392151	HIGHLAND PLANTATION PHASE 1 - LOT 1:	674 & 672 IVY BROOK WAY	**	MACON	GA	FINDS
31210	S127739452		JOHNNY MORRISON DEBRA DRIVE INERT	HIGHWAY 74	**	MACON	GA	SWF/LF
31210	S127253379		HIGHLAND PLANTATION PHASE 1 - LOT 4:	601, 605, 790 IVY BROOK WAY	**	MACON	GA	NPDES
31210	1024453056	110070380982	HIGHLAND PLANTATION PHASE 1 - LOT 4:	601, 605, 790 IVY BROOK WAY	**	MACON	GA	FINDS
31210	S127256893		WESLEYAN CROSSING LOTS 2, 6	1004 AND 1020 BROOKFORD ROAD	Z, SW, 1 - 2	MACON	GA	NPDES
31210	1024710401	110070504939	WESLEYAN CROSSING LOTS 2, 6	1004 AND 1020 BROOKFORD ROAD	Z, SW, 1 - 2	MACON	GA	FINDS
31210	1025920914		WESLEYAN CROSSING LOTS 29&30	1205 AND 1209 GLEN LEA DRIVE	X, SW, 1 - 2	MACON	GA	
31210	1025989793	110070602889	WESLEYAN CROSSING LOTS 29&30	1205 AND 1209 GLEN LEA DRIVE	X, SW, 1 - 2	MACON	GA	FINDS
31210	S127263762		WESLEYAN CROSSING LOTS 29&30	1205 AND 1209 GLEN LEA DRIVE	X, SW, 1 - 2	MACON	GA	NPDES
31210	1024729125		PROVIDENCE/CARILLON LOTS 37,38	368 AND 372 CARILLON LANE	BL, WNW, >2	MACON	GA	
31210	1025449447	110070518842	PROVIDENCE/CARILLON LOTS 37,38	368 AND 372 CARILLON LANE	BL, WNW, >2	MACON	GA	FINDS
31210	S127257327		PROVIDENCE/CARILLON LOTS 37,38	368 AND 372 CARILLON LANE	BL, WNW, >2	MACON	GA	NPDES
31210	S127464377		5129, 5201 MERCER DEVELOPMENT	5129 AND 5201 MERCER UNIVERSITY DRI	**	MACON	GA	BROWNFIELDS
31210	S127739459		SOUTHEAST TIMBERLANDS, INC. INERT L	I-75 AND ARKWRIGHT ROAD SE QUADRAI	**	MACON	GA	SWF/LF
31210	1021004330		FREEWAY FOOD STORES	I-75 AND THOMASTON RD	**	MACON	GA	EDR Historical Auto Stations
31210	1022975922		APPLEBEE'S	6235 APPLEBEE'S	**	MACON	GA	
31210	S127167899		APPLEBEE'S	6235 APPLEBEE'S	**	MACON	GA	NPDES
31210	1025808449	110070012274	APPLEBEE'S	6235 APPLEBEE'S	**	MACON	GA	FINDS
31210	S127270415		PROVIDENCE	209 ARDEN LANE	**	MACON	GA	NPDES
31210	1026182008		PROVIDENCE	209 ARDEN LANE	**	MACON	GA	
31210	1026419396	110070740746	PROVIDENCE	209 ARDEN LANE	**	MACON	GA	FINDS
31210	2013039294			5675 ARKWRIGHT ROAD	M, NNW, 1/2 - 1	MACON	GA	ERNS
31210	S112371410		GA POWER	2112 ARKWRIGHT ROAD	U, SSE, 1 - 2	MACON	GA	
31210	1006794374	110013638297	SPECTRUM #95	3903 ARKWRIGHT RD	AI, SSE, 1 - 2	MACON	GA	FINDS
31210	U001629066	90111071	CIRCLE K 6729	3903 ARKWRIGHT RD	AI, SSE, 1 - 2	MACON	GA	LUST, UST
31210	A100328005		CIRCLE K #6729	3903 ARKWRIGHT ROAD	AI, SSE, 1 - 2	MACON	GA	AST
31210	U004298354		ARKWRIGHT RD SUNOCO	3910 ARKWRIGHT RD	AI, SSE, 1 - 2	MACON	GA	UST
31210	S116495455		ARKWRIGHT DRYCLEANERS	3975 A ARKWRIGHT ROAD	**	MACON	GA	DRYCLEANERS
31210	S127740932		JAMES EMORY, INC.	4108 ARKWRIGHT ROAD #1	W, SSE, 1 - 2	MACON	GA	SWF/LF
31210	1020474657		OCMULGEE MARKETING INC	4149 ARKWRIGHT RD	U, SSE, 1 - 2	MACON	GA	EDR Historical Auto Stations
31210	S110995792		GEORGIA POWER PLANT ARKWRIGHT AS	5155 ARKWRIGHT ROAD	A, NE, 1/8 - 1/4	ARKWRIGHT	GA	SWF/LF
31210	S123190911		GEORGIA POWER PLANT ARKWRIGHT AS	5155 ARKWRIGHT ROAD	A, NE, 1/8 - 1/4	ARKWRIGHT	GA	SWF/LF
31210	1007117727	GAD000612846	GA POWER - PLT ARKWRIGHT	5241 ARKWRIGHT RD	B, NE, 1/4 - 1/2	MACON	GA	RCRA-NonGen
31210	1024600131	110070387533	ARKWRIGHT AP3 LANDFILL ACCESS DRIV	5398 ARKWRIGHT ROAD	F, North, 1/4 - 1/2	MACON	GA	FINDS
31210	S127186564		ARKWRIGHT AP3 LANDFILL ACCESS DRIV	5398 ARKWRIGHT ROAD	F, North, 1/4 - 1/2	MACON	GA	NPDES
31210	1004464058	110005698316	SOUTHERN NATURAL GAS COMPANY, L.I	5675 ARKWRIGHT RD	M, NNW, 1/2 - 1	MACON	GA	RCRA-CESQG, FINDS
31210	1014883854	110043812470	SNG STATION 5277 OCMULGEE, GA	5675 ARKWRIGHT RD	M, NNW, 1/2 - 1	MACON	GA	FINDS
31210	S117049303		OCMULGEE COMPRESSOR STATION	5675 ARKWRIGHT ROAD	M, NNW, 1/2 - 1	MACON	GA	TIER 2
31210	S107774438	FATR20062V79YE0020KH --	SOUTHERN NATURAL GAS - OCMULGEE COMPRESSOR STATION --	5675 ARKWRIGHT ROAD	M, NNW, 1/2 - 1	MACON	GA	TIER 2
31210	1015737863		SOUTHERN NATURAL GAS COMPANY, L.I	5675 ARKWRIGHT ROAD	M, NNW, 1/2 - 1	MACON	GA	
31210	S121800847		SOUTHERN NATURAL GAS COMPANY, L.I	5675 ARKWRIGHT ROAD	M, NNW, 1/2 - 1	MACON	GA	AIRS
31210	1022957215	110061607621	OCMULGEE RIVER CROSSING PROJECT	5675 ARKWRIGHT ROAD	M, NNW, 1/2 - 1	MACON	GA	FINDS
31210	1008235467	110021280852	SOUTHERN NATURAL GAS CO. OCMULGE	5676 ARKWRIGHT RD.	M, NNW, 1/2 - 1	MACON	GA	AIRS, FINDS
31210	1012089595	110038670774	COBB EMC-BASS RD	5700 ARKWRIGHT ROAD	M, NNW, 1/2 - 1	MACON	GA	FINDS
31210	S121798145		COBB EMC-BASS RD	5700 ARKWRIGHT ROAD	M, NNW, 1/2 - 1	MACON	GA	AIRS
31210	1022154681		WALTHALL OIL COMPANY	ARKWRIGHT TOM HL SR BLVD	**	MACON	GA	EDR Historical Auto Stations
31210	S127272057		115 ASTON HALL	115 ASTON HALL	**	MACON	GA	NPDES
31210	1026219534		115 ASTON HALL	115 ASTON HALL	**	MACON	GA	
31210	1026457731	110070817758	115 ASTON HALL	115 ASTON HALL	**	MACON	GA	FINDS
31210	A100327943		MINI FOOD #12	416 AYERS ROAD	**	MACON	GA	AST
31210	1024600721	110070388123	BARRINGTON PLACE - PHASE 1	BARRINGTON HALL DR. AT BARRINGTON	**	MACON	GA	FINDS
31210	S127265768		BARRINGTON PLACE - PHASE II	BARRINGTON HALL DR. AT BARRINGTON	**	MACON	GA	NPDES
31210	S127254802		BARRINGTON PLACE - PHASE 1	BARRINGTON HALL DR. AT BARRINGTON	**	MACON	GA	NPDES
31210	1021899045		SWEET TREATS BY SHELL	105 BASS PLANTATION DR	BE, West, 1 - 2	MACON	GA	EDR Historical Auto Stations
31210	1020756015		SWEET TREATS BY SHELL	105 BASS PLANTATN DR	**	MACON	GA	EDR Historical Auto Stations
31210	S106854529		SOUTHERN NATURAL GAS	14" BASS METER STATION (BOWMAN RD.	AP, WNW, 1 - 2	MACON	GA	NON HSI
31210	1025478228	110070555745	1400 BASS ROAD DEVELOPMENT PHASE	1400 BASS ROAD	BI, West, 1 - 2	MACON	GA	FINDS
31210	S127175907		1400 BASS ROAD DEVELOPMENT PHASE	1400 BASS ROAD	BI, West, 1 - 2	MACON	GA	NPDES
31210	S127174513		SNOW'S MEMORIAL CHAPEL	1415 BASS RD.	BJ, West, 1 - 2	MACON	GA	NPDES
31210	1024603176	110070390578	SNOW'S MEMORIAL CHAPEL	1415 BASS RD.	BJ, West, 1 - 2	MACON	GA	FINDS
31210	1010169118	110030464290	SSK REALTORS COLDWELL BANKER	1501 BASS ROAD	BE, West, 1 - 2	MACON	GA	FINDS
31210	1025902646		PROVIDENCE TOWN CENTER ACCESS RC	1540 BASS ROAD	BC, West, 1 - 2	MACON	GA	
31210	1025823638	110070568745	PROVIDENCE TOWN CENTER ACCESS RC	1540 BASS ROAD	BC, West, 1 - 2	MACON	GA	FINDS
31210	S127186919		PROVIDENCE TOWN CENTER ACCESS RC	1540 BASS ROAD	BC, West, 1 - 2	MACON	GA	NPDES

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31210	1016453120	110056511742	CVS PHARMACY #10357	1544 BASS ROAD	BC, West, 1 - 2	MACON	GA	RCRA-CESQG, FINDS
31210	1017718056		CVS PHARMACY #10357	1544 BASS ROAD	BC, West, 1 - 2	MACON	GA	
31210	1026182212		CHERRY BLOSSOM CAR WASH	1548 BASS RD	BC, West, 1 - 2	MACON	GA	
31210	1026419581	110070740950	CHERRY BLOSSOM CAR WASH	1548 BASS RD	BC, West, 1 - 2	MACON	GA	FINDS
31210	S127178051		CHERRY BLOSSOM CAR WASH	1548 BASS RD	BC, West, 1 - 2	MACON	GA	NPDES
31210	1004688531	110006547111	SOUTHERN NATURAL GAS 16 BASS MS	1604 BASS RD	AO, West, 1 - 2	MACON	GA	RCRA-NonGen, FINDS
31210	S107771947	Q0010RY --	SOUTHERN NATURAL GAS - BASS	JUNCTION ODORIZER -- 1604 BASS ROAD	AO, West, 1 - 2	MACON	GA	TIER 2
31210	S117049304		BASS JUNCTION ODORIZER	1604 BASS ROAD	AO, West, 1 - 2	MACON	GA	TIER 2
31210	U004022742	10000682	TREE CITY #100545	1607 BASS RD	AO, West, 1 - 2	MACON	GA	UST
31210	A100328001		LEE'S CITGO	1607 BASS ROAD	AO, West, 1 - 2	MACON	GA	AST
31210	U004197801		FLASH FOODS #145	1608 BASS RD	AO, West, 1 - 2	MACON	GA	UST
31210	1006794195	110013636501	GEORGIA FARM BUREAU FEDERATION	1620 BASS RD	AJ, WNW, 1 - 2	MACON	GA	FINDS
31210	U003551284	9011116	GEORGIA FARM BUREAU FEDERATION	1620 BASS RD	AJ, WNW, 1 - 2	MACON	GA	UST
31210	S127173695		NORTH MACON PLAZA	1625 BASS ROAD	AC, WNW, 1 - 2	MACON	GA	NPDES
31210	1024149403	110070256325	NORTH MACON PLAZA	1625 BASS ROAD	AC, WNW, 1 - 2	MACON	GA	FINDS
31210	1025918237		CHICKEN SALAD CHICK BASS ROAD	1676 BASS ROAD	AA, WNW, 1 - 2	MACON	GA	
31210	S127176617		CHICKEN SALAD CHICK BASS ROAD	1676 BASS ROAD	AA, WNW, 1 - 2	MACON	GA	NPDES
31210	1025987318	110070600181	CHICKEN SALAD CHICK BASS ROAD	1676 BASS ROAD	AA, WNW, 1 - 2	MACON	GA	FINDS
31210	A100498558		IKON OFFICE SOLUTIONS	1738 BASS ROAD	105, NW, 1 - 2	MACON	GA	AST
31210	1022980714	110070017076	BASS PRO SHOPS	5000 BASS PRO BLVD	AZ, WNW, 1 - 2	MACON	GA	FINDS
31210	S127179309		BASS PRO SECURITY PARKING	5000 BASS PRO BLVD.	AZ, WNW, 1 - 2	MACON	GA	NPDES
31210	A100356563		BASS PRO SHOP	5000 BASS PRO BOULEVARD	AZ, WNW, 1 - 2	MACON	GA	AST
31210	1008039959	110013134580	BOLINGREEN HEALTH AND REHABILITAT	529 BOLINGREEN DR		MACON	GA	FINDS
31210	S125318757		BOLINGREEN NURSING CENTER (BOLING	529 BOLINGREEN DRIVE		MACON	GA	NPDES
31210	1023660145	110070074256	BOWMAN STATION APARTMENT COMMUI	5235 BOWMAN ROAD	AH, West, 1 - 2	MACON	GA	FINDS
31210	S127170698		BOWMAN VILLAGE	5300 BOWMAN ROAD	AH, West, 1 - 2	MACON	GA	NPDES
31210	1022979287	110070015642	BOWMAN VILLAGE	5300 BOWMAN ROAD	AH, West, 1 - 2	MACON	GA	FINDS
31210	1026037747		SHERWIN WILLIAMS	5436 BOWMAN ROAD	AN, West, 1 - 2	MACON	GA	
31210	1026102063	110070672426	SHERWIN WILLIAMS	5436 BOWMAN ROAD	AN, West, 1 - 2	MACON	GA	FINDS
31210	S127177330		SHERWIN WILLIAMS	5436 BOWMAN ROAD	AN, West, 1 - 2	MACON	GA	NPDES
31210	1026495110	GAR000089920	PUBLIX SUPERMARKET 1263 BASS PLAN	5451 BOWMAN ROAD	AV, West, 1 - 2	MACON	GA	RCRA-CESQG
31210	1026737063		PUBLIX SUPERMARKET 1263 BASS PLAN	5451 BOWMAN ROAD	AV, West, 1 - 2	MACON	GA	
31210	1026781842	110070908347	PUBLIX SUPERMARKET 1263 BASS PLAN	5451 BOWMAN ROAD	AV, West, 1 - 2	MACON	GA	FINDS
31210	1025916300		BROADLEAF SUBDIVISION LOT C, D, & E	BROADLEAF SUBDIVISION 178		MACON	GA	
31210	1025985524	110070598228	BROADLEAF SUBDIVISION LOT C, D, & E	BROADLEAF SUBDIVISION 178		MACON	GA	FINDS
31210	S127264128		BROADLEAF SUBDIVISION LOT C, D, & E	BROADLEAF SUBDIVISION 178	**	MACON	GA	NPDES
31210	U001486778	02100030	ARMSTRONG WORLD INDUSTRIES INC	4520 BROADWAY		MACON	GA	AIRS, NON HSI, NPDES, TIER 2, LUST, SWF/LF, SPILLS, UST
31210	1025824883	110070569994	WESLEYAN CROSSING LOT 1, 12, 43/44	1000 BROOKFORD ROAD	Z, SW, 1 - 2	MACON	GA	FINDS
31210	S127263033		WESLEYAN CROSSING LOT 1, 12, 43/44	1000 BROOKFORD ROAD	Z, SW, 1 - 2	MACON	GA	NPDES
31210	1025903877		WESLEYAN CROSSING LOT 1, 12, 43/44	1000 BROOKFORD ROAD	Z, SW, 1 - 2	MACON	GA	
31210	1026734089		WESLEYAN CROSSING LOT 43-44	1029 BROOKFORD ROAD	Z, SW, 1 - 2	MACON	GA	
31210	S127279487		WESLEYAN CROSSING LOT 43-44	1029 BROOKFORD ROAD	Z, SW, 1 - 2	MACON	GA	
31210	1026769299	110070891806	WESLEYAN CROSSING LOT 43-44	1029 BROOKFORD ROAD	Z, SW, 1 - 2	MACON	GA	NPDES
31210	S127257334		WESLEYAN CROSSING LOT 36	1043 BROOKFORD ROAD	X, SW, 1 - 2	MACON	GA	FINDS
31210	1024727602	110070517308	WESLEYAN CROSSING LOT 36	1043 BROOKFORD ROAD	X, SW, 1 - 2	MACON	GA	NPDES
31210	S127166052		SPORTS FIELD IMPROVEMENTS FOR FIR	584 BROOKSIDE DRIVE, LL 242 AND 269, 1		MACON	GA	FINDS
31210	1016408957	110055486184	FIRST PRESBYTERIAN DAY SCHOOL	5671 CALVIN DRIVE		MACON	GA	NPDES
31210	S127171862		TENNIS COURTS & CROSS COUNTRY TR/	5671 CALVIN DRIVE		MACON	GA	NPDES
31210	1020585353		ADAMS OIL CO	71 CAMPBELL RD	**	MACON	GA	EDR Historical Auto Stations
31210	1026099161	110070668825	PROVIDENCE/CARILLON LOTS 18 AND 31	339 CARILLON LN AND 331 CARILLON CT	BK, WNW, >2	MACON	GA	FINDS
31210	1026027565		PROVIDENCE/CARILLON LOTS 18 AND 31	339 CARILLON LN AND 331 CARILLON CT	BK, WNW, >2	MACON	GA	
31210	S127266228		PROVIDENCE/CARILLON LOTS 18 AND 31	339 CARILLON LN AND 331 CARILLON CT	BK, WNW, >2	MACON	GA	NPDES
31210	S127258069		PROVIDENCE/CARILLON LOT 4	369 CARILLON LANE	BL, WNW, >2	MACON	GA	NPDES
31210	S127256747		CARILLON, 369	369 CARILLON LANE	BL, WNW, >2	MACON	GA	NPDES
31210	1024934216		PROVIDENCE/CARILLON LOT 4	369 CARILLON LANE	BL, WNW, >2	MACON	GA	
31210	1024708962	110070503500	CARILLON, 369	369 CARILLON LANE	BL, WNW, >2	MACON	GA	FINDS
31210	1024711319	110070505858	CARRICK, 319	319 CARRICK WAY		MACON	GA	FINDS
31210	S127256808		CARRICK, 319	319 CARRICK WAY		MACON	GA	NPDES
31210	A100328006		CIRCLE K #6731	4475 CHAMBERS ROAD		MACON	GA	AST
31210	1015900120	110044918934	COLISEUM NORTHSIDE HOSPITAL	400 CHARTER BLVD		MACON	GA	FINDS
31210	U003763170	9011053	COLISEUM NORTHSIDE HOSPITAL	400 CHARTER BLVD		MACON	GA	LUST, UST
31210	1014923202	GAR000063180	PIEDMONT MACON NORTH HOSPITAL	400 CHARTER BLVD		MACON	GA	RCRAInfo-SQG
31210	S112371025		CHARTER N/SIDE HOSP	400 CHARTER BLVD		MACON	GA	
31210	1014928827		STUART CHEMICAL DRY	110 CLARKSVILLE CT		MACON	GA	EDR Historical Cleaners
31210	1026843890		131 CLEARWATER PLANTATION DR	131 CLEARWATER PLANTATION DR		MACON	GA	
31210	1026750606		HIGHLAND PLANTATION LOT 348	107 COLD CREEK PARKWAY		MACON	GA	
31210	1026790950	110070924388	HIGHLAND PLANTATION LOT 348	107 COLD CREEK PARKWAY		MACON	GA	FINDS
31210	S127279174		HIGHLAND PLANTATION LOT 347	109 COLD CREEK PARKWAY		MACON	GA	NPDES

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31210	1026769374	110070891887	HIGHLAND PLANTATION LOT 347	109 COLD CREEK PARKWAY		MACON	GA	FINDS
31210	1026734170		HIGHLAND PLANTATION LOT 347	109 COLD CREEK PARKWAY		MACON	GA	
31210	1026841359		HIGHLAND PLANTATION LOT 342-344	117-121 COLD CREEK PARKWAY		MACON	GA	
31210	1025477460	110070554962	HIGHLAND PLANTATION PHASE 1 - LOT 1:	128 COLD CREEK PARKWAY		MACON	GA	FINDS
31210	S127260497		HIGHLAND PLANTATION PHASE 1 - LOT 1:	128 COLD CREEK PARKWAY		MACON	GA	NPDES
31210	S127260498		HIGHLAND PLANTATION PHASE 1 - LOT 1:	130 COLD CREEK PARKWAY		MACON	GA	NPDES
31210	1025475113	110070552560	HIGHLAND PLANTATION PHASE 1 - LOT 1:	130 COLD CREEK PARKWAY		MACON	GA	FINDS
31210	1025475004	110070552450	HIGHLAND PLANTATION PHASE 1 - LOT 1:	132 COLD CREEK PARKWAY		MACON	GA	FINDS
31210	S127260500		HIGHLAND PLANTATION PHASE 1 - LOT 1:	132 COLD CREEK PARKWAY		MACON	GA	NPDES
31210	1026701043	110070877062	HIGHLAND PLANTATION PHASE 1 - LOT 3:	135 COLD CREEK PARKWAY		MACON	GA	FINDS
31210	1026667170		HIGHLAND PLANTATION PHASE 1 - LOT 3:	135 COLD CREEK PARKWAY		MACON	GA	
31210	S127277304		HIGHLAND PLANTATION PHASE 1 - LOT 3:	135 COLD CREEK PARKWAY		MACON	GA	NPDES
31210	S127260502		HIGHLAND PLANTATION PHASE 1 - LOT 1:	136 COLD CREEK PARKWAY		MACON	GA	NPDES
31210	1025477952	110070555467	HIGHLAND PLANTATION PHASE 1 - LOT 1:	136 COLD CREEK PARKWAY		MACON	GA	FINDS
31210	1025475791	110070553264	HIGHLAND PLANTATION PHASE 1 - LOT 1:	138 COLD CREEK PARKWAY		MACON	GA	FINDS
31210	S127260503		HIGHLAND PLANTATION PHASE 1 - LOT 1:	138 COLD CREEK PARKWAY		MACON	GA	NPDES
31210	S127167879		WAREHOUSE/OFFICE DEVELOPMENT -31	312 CORPORATE PKWY.	D, NW, 1/4 - 1/2	MACON	GA	NPDES
31210	1022974620	110070010970	WAREHOUSE/OFFICE DEVELOPMENT -31	312 CORPORATE PKWY.	D, NW, 1/4 - 1/2	MACON	GA	FINDS
31210	1023701005	110070098125	JAREX INVESTMENT-ADDITION	315 CORPORATE PARKWAY	D, NW, 1/4 - 1/2	MACON	GA	FINDS
31210	1024419270	110070337617	GROGREEN SOLUTIONS GA, LLC.	315 CORPORATE PKWY. SUITE 120	D, NW, 1/4 - 1/2	MACON	GA	FINDS
31210	S127172055		JAREX INVESTMENT-ADDITION	315 CORPORATE WAY	D, NW, 1/4 - 1/2	MACON	GA	NPDES
31210	2013067678			130 COVINGTON PLACE		MACON	GA	ERNS
31210	1009635350			145 COVINGTON SQUARE	**	MACON	GA	DOT OPS
31210	S113245056		K7E'S TRASH SERVICE	134 CYLER ROAD		GRAY	GA	SWF/LF
31210	U003003722	04110083	YELLOW FREIGHT SYSTEM INC	4241 INTERSTATE DR		MACON	GA	LUST, UST
31210	2019016459			4241 INTERSTATE DR		MACON	GA	HMIRS
31210	U001486735	4110071	ADVANCED DISPOSAL SERVICES OF MI	4291 INTERSTATE DR		MACON	GA	UST
31210	1016304291	110013613928	ADVANCED DISPOSAL SERVICES OF MI	4291 INTERSTATE DR		MACON	GA	FINDS
31210	1000438000	GAD981222128	ADVANCED DISPOSAL SERVICES OF MI	4291 INTERSTATE DR		MACON	GA	RCRA-NonGen, LUST
31210	1015915926	110044969424	DOWTY PROPELLERS - AMERICAS MACO	4301 INTERSTATE DR STE B		MACON	GA	FINDS
31210	1010316237	GAR000048355	DOWTY PROPELLERS - AMERICAS MACO	4301 INTERSTATE DR STE B		MACON	GA	RCRA-NonGen
31210	S125319487		GE AVIATION SYSTEMS LLC	4301 INTERSTATE DR STE B & STE C	**	MACON	GA	NPDES
31210	1014928801		JOSEPH DANIELLE HAMILTON & ASSOCI	4304 INTERSTATE DR		MACON	GA	EDR Historical Cleaners
31210	S117050663		VOLTEX BATTERIES-MACON	4321 INTERSTATE DR SUITE A		MACON	GA	TIER 2
31210	1007219365	110016749651	MEARS OF MACON, INC.	4410 INTERSTATE DR		MACON	GA	FINDS
31210	1007118650	GAR000033969	MEARS OF MACON INC	4410 INTERSTATE DR		MACON	GA	RCRA-CESQG
31210	2012109445			4241 INTERSTATE DR.		MACON	GA	HMIRS
31210	S113244427		BFI WASTE SYSTEMS OF NORTH AMERIC	4291 INTERSTATE DR.		MACON	GA	SWF/LF
31210	S108310853		ADVANCED DISPOSAL SERVICES-MACON	4291 INTERSTATE DR.		MACON	GA	SWF/LF
31210	96357101			4304 INTERSTATE DR.		MACON	GA	ERNS
31210	2014003429		4241 INTERSTATE DRIVE	4241 INTERSTATE DRIVE		MACON	GA	HMIRS
31210	2010107179		4241 INTERSTATE DRIVE	4241 INTERSTATE DRIVE		MACON	GA	HMIRS
31210	2009045294		4241 INTERSTATE DRIVE	4241 INTERSTATE DRIVE		MACON	GA	HMIRS
31210	2013011463		4241 INTERSTATE DRIVE	4241 INTERSTATE DRIVE		MACON	GA	HMIRS
31210	2011004412		4241 INTERSTATE DRIVE	4241 INTERSTATE DRIVE		MACON	GA	HMIRS
31210	A100327819		MID-GEORGIA PROPANE	4262 INTERSTATE DRIVE		MACON	GA	AST
31210	S117053805		MID GEORGIA PROPANE	4262 INTERSTATE DRIVE		MACON	GA	TIER 2
31210	U003727930	9011195	MCKINNEYS PROPANE GAS INC	4262 INTERSTATE DRIVE		MACON	GA	TIER 2, UST
31210	S113908991		AMERIGAS D/B/A MID GEORGIA PROPANE	4262 INTERSTATE DRIVE		MACON	GA	TIER 2
31210	S121269273		ADVANCED DISPOSAL SERVICES	4291 INTERSTATE DRIVE		MACON	GA	NPDES, SWF/LF
31210	S108415730	FATR20064Z58MS01N232 --	ADVANCED DISPOSAL SERVICES-MACON COLLECTION OPERATION --	4291 INTERST		MACON	GA	TIER 2
31210	S108416770	FATR20064YHE9H0034BB --	VOLTEX BATTERY --	4321 INTERST		MACON	GA	TIER 2
31210	1010350299	110030910646	HARMON & HARMON REALTORS, INC.	4295 INTERSTATE DRIVE, SUITE A		MACON	GA	FINDS
31210	1026849003			726 DUNBLANE DR.		MACON	GA	
31210	1026844263			16 DUNEDIN COURT		MACON	GA	
31210	S105872144		SOUTHERN NATURAL GAS - NORTH/SOU'	0.2 MI E OF I-75 ON BASS RD	**	MACON	GA	NON HSI
31210	U003295809	09011178	130 EMORY GREENE DRIVE	130 EMORY GREENE DRIVE		MACON	GA	LUST, UST
31210	A100502753		SHELL EXPRESS FOODS #16	1585 FOREST HILL ROAD	AR, South, 1 - 2	MACON	GA	AST
31210	1021885593		MINI-FOOD STORES INC	1592 FOREST HILL RD	AR, South, 1 - 2	MACON	GA	EDR Historical Auto Stations
31210	1015918374	110045538717	CVS PHARMACY #4545	1615 FOREST HILL RD.	AR, South, 1 - 2	MACON	GA	FINDS
31210	1014952204	GAR000064899	CVS PHARMACY #4545	1615 FOREST HILL ROAD	AR, South, 1 - 2	MACON	GA	RCRA-CESQG
31210	1018313193	110064695147	MID-STATE POOLS & SPAS, INC.	530 FOREST HILL ROAD, SUITE A		MACON	GA	ICIS, FINDS
31210	1018125343		MID-STATE POOLS & SPAS, INC.	530 FOREST HILL ROAD, SUITE A		MACON	GA	
31210	1026601485		HARRISON'S BODY SHOP	718 FOREST HILL ROAD		MACON	GA	PRP
31210	1026601813		HAWORTH, INC. (GLOBAL BUSINESS FUR	718 FOREST HILL ROAD		MACON	GA	PRP
31210	U001486836	4110203	CITGO FOOD MART	1592 FORREST HILLS RD	AR, South, 1 - 2	MACON	GA	UST
31210	1006792524	110013619691	MINI FOODS #7; #51	1592 FORREST HILLS RD	AR, South, 1 - 2	MACON	GA	FINDS, LUST
31210	1014931314		JIFFY LUBE LUB SERV	4421 FORSYTH RD		MACON	GA	EDR Historical Auto Stations
31210	1006791515	110013609531	FORSYTH RD EXXON	4433 FORSYTH RD		MACON	GA	FINDS

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31210	U003001769	110426	FORSYTH CONVENIENCE STORE	4433 FORSYTH ROAD		MACON	GA	TIER 2, UST
31210	A100327912		FORSYTH ROAD EXXON	4433 FORSYTH ROAD		MACON	GA	AST
31210	1014930480		PAN AM ONE INC	4451 FORSYTH RD		MACON	GA	EDR Historical Auto Stations
31210	1006794065	110013635209	SPECTURM #74	4451 FORSYTH RD		MACON	GA	FINDS
31210	U001489807	9011022	FORSYTH FOOD MART	4451 FORSYTH RD		MACON	GA	LUST, UST
31210	A100327929		SPECTRUM STORE #74	4451 FORSYTH ROAD		MACON	GA	AST
31210	1014930885		LUCKY PETROLEUM CO	4491 FORSYTH RD		MACON	GA	EDR Historical Auto Stations
31210	1014929558		KEENES CLEANERS	4510 FORSYTH RD		MACON	GA	EDR Historical Cleaners
31210	1014931317		GOODYEAR AUTO SERVICE CENTERS AL	4517 FORSYTH RD		MACON	GA	EDR Historical Auto Stations
31210	1006778184	9011222	TIRES PLUS	4517 FORSYTH RD		MACON	GA	LUST, UST
31210	1000886740	110005280007	HOUSTON AUTO CARE	4517 FORSYTH RD		MACON	GA	RCRA-NonGen, FINDS
31210	1006792568	110013620144	MINI FOOD #41	4531 FORSYTH RD		MACON	GA	FINDS, LUST, UST
31210	1014929266		C M M ENTERPRIZES COIN OPR LAUNDRI	4537 FORSYTH RD		MACON	GA	EDR Historical Cleaners
31210	1014929539		FABRA CARE CLEANERS WESLEYAN STA	4646 FORSYTH RD		MACON	GA	EDR Historical Cleaners
31210	1018155757	GAR000077297	KROGER #011-0355	4650 FORSYTH RD		MACON	GA	RCRA-CESQG
31210	1018358431	110066983615	KROGER #011-0355	4650 FORSYTH ROAD		MACON	GA	FINDS
31210	1006793047	110013624943	OLD CIRCLE K #2036	4682 FORSYTH RD		MACON	GA	FINDS
31210	U001486953	4110351	OLD CIRCLE K #2036	4682 FORSYTH RD		MACON	GA	UST
31210	1020818383		CIRCLE K CONVENIENCE STORES	4682 FORSYTH RD		MACON	GA	EDR Historical Auto Stations
31210	A100500401		MR. B'S #165	4682 FORSYTH ROAD		MACON	GA	AST
31210	S119781935		4690 FORSYTH RD	4690 FORSYTH RD		MACON	GA	LUST
31210	U004271677		4690 FORSYTH RD	4690 FORSYTH RD		MACON	GA	UST
31210	1014631468		JONES HALL	4750 FORSYTH RD		MACON	GA	PCB TRANSFORMER
31210	1000860048	110005279340	WESLEYAN COLLEGE	4760 FORSYTH ROAD		MACON	GA	ICIS, RCRA-CESQG, PCB TRANSFORMER, FINDS, LUST, UST
31210	S127173336		WESLEYAN COLLEGE	4760 FORSYTH ROAD		MACON	GA	NPDES
31210	S121798180		COLONIAL PIPELINE CO	5019 FORSYTH ROAD		MACON	GA	AIRS
31210	1016935792	110007047203	COLONIAL PIPELINE CO	5019 FORSYTH ROAD		MACON	GA	FINDS
31210	A100327834		WESLEYAN ACE HARDWARE	5020 FORSYTH ROAD		MACON	GA	AST
31210	1000841193	09011076	SOUTHEAST TERMINAL	5041 FORSYTH RD		MACON	GA	TIER 2, LUST
31210	1021504016		BP MACON	5041 FORSYTH RD		MACON	GA	EDR Historical Auto Stations
31210	1016157892		MACON TERMINAL	5041 FORSYTH RD		MACON	GA	AST
31210	A100327900		MACON GA SOUTHEAST TERMINAL	5041 FORSYTH ROAD		MACON	GA	TIER 2
31210	S117052919		TRANSMONTAIGNE - MACON TERMINAL	5041 FORSYTH ROAD		MACON	GA	AIRS, TIER 2
31210	S107752229	302100084	TRANSMONTAIGNE TERMIN	5041 FORSYTH ROAD		MACON	GA	EDR Historical Auto Stations
31210	1021521787		AZTEC OIL INC	5051 FORSYTH RD		MACON	GA	FINDS
31210	1007453954	110017745449	WMAC RADIO	5169 FORSYTH RD		MACON	GA	TIER 2, LUST, UST
31210	U003920818	10000353	WMAC	5169 FORSYTH ROAD		MACON	GA	ICIS, FINDS
31210	1014695003	110043472890	FEMA-WMAC & WMAZ AM TRANSMITTER	5169 FORSYTH STREET		MACON	GA	FINDS
31210	1026670726		CAMDEN NORTH PHASE II	6115 FORSYTH ROAD		MACONB	GA	NPDES
31210	1026704673	110070885021	CAMDEN NORTH PHASE II	6115 FORSYTH ROAD		MACONB	GA	ICIS, FINDS
31210	S127278451		CAMDEN NORTH PHASE II	6115 FORSYTH ROAD		MACONB	GA	RCRA-CESQG, FINDS
31210	1016063055	110001764966	TRANSMONTAIGNE TERMINALING INCOR	5041 FORSYTHE ROAD		MACON	GA	AST
31210	1006806595	110014375167	GPM / A DIVISION OF TENCARVA MACHIN	110 GATEWAY DR	C, West, 1/8 - 1/4	MACON	GA	RCRA-CESQG, FINDS
31210	1026506143		WESLEYAN CROSSING LOTS 31-32, 37-38	1206 GLEN LEA RD, 1107 AND 1108 STILL	X, SW, 1 - 2	MACON	GA	NPDES
31210	S127273492		WESLEYAN CROSSING LOTS 31-32, 37-38	1206 GLEN LEA RD, 1107 AND 1108 STILL	X, SW, 1 - 2	MACON	GA	FINDS
31210	1026538187	110070830957	WESLEYAN CROSSING LOTS 31-32, 37-38	1206 GLEN LEA RD, 1107 AND 1108 STILL	X, SW, 1 - 2	MACON	GA	AST
31210	A100496727		EXXON	1105 GRAY HIGHWAY		MACON	GA	NPDES
31210	1025915438		HIGHLAND PLANTATION PHASE 1 - LOT 1:	343 HAWTHORN TRAIL		MACON	GA	FINDS
31210	S127263636		HIGHLAND PLANTATION PHASE 1 - LOT 1:	343 HAWTHORN TRAIL	**	MACON	GA	NPDES
31210	1025984719	110070597357	HIGHLAND PLANTATION PHASE 1 - LOT 1:	343 HAWTHORN TRAIL	**	MACON	GA	FINDS
31210	1026734027		HIGHLAND PLANTATION LOT 353	217 HAWTHORNE TRAIL	**	MACON	GA	NPDES
31210	1026769240	110070891744	HIGHLAND PLANTATION LOT 353	217 HAWTHORNE TRAIL	**	MACON	GA	FINDS
31210	S127279175		HIGHLAND PLANTATION LOT 353	217 HAWTHORNE TRAIL	**	MACON	GA	NPDES
31210	1021131832		BP FOOD STORE	4344 W HIGHLAND DR APT 54		MACON	GA	EDR Historical Auto Stations
31210	S109508246		MOHAWK LABORATORIES, - DIV. OF NCH	787 HILLCREST INDUSTRIAL BLVD.		MACON	GA	TIER 2
31210	1021332370		FREEWAY FOOD STORES	I475-AND THOMASTON RD	**	MACON	GA	EDR Historical Auto Stations
31210	1021549703		POWERS BP SERVICE	I475-HWY U S 80	**	MACON	GA	EDR Historical Auto Stations
31210	1004461350	110001764252	CABINETS-N-WOODWORKS	4014 I-475 IND. BLVD		MACON	GA	FINDS
31210	S107750059	302100191	CABINETS-N-WOODWORKS	4014 I-475 IND. BLVD		MACON	GA	AIRS
31210	1020672370		MINI-FOOD STORES INC	4001 I-475 INDUS BLVD	**	MACON	GA	EDR Historical Auto

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31210	1021329548		MINI-FOOD STORES INC	4001 I-475 INDUS BLVE	**	MACON	GA	Stations
31210	1020900924		MINI-FOOD STORES INC	4004 I-475 INDUSTRIAL BLV		MACON	GA	EDR Historical Auto
31210	1020641745		MINI-FOOD STORES INC	4004 INDUSTRIAL BLVD	**	MACON	GA	Stations
31210	S121797937		CABINETS-N-WOODWORKS	4014 475 INDUSTRIAL BLVD		MACON	GA	EDR Historical Auto
31210	1016932643		CABINETS-N-WOODWORKS	4014 475 INDUSTRIAL BLVD		MACON	GA	Stations
31210	1014930488		PREMIER IMPORTS GENL AUTO REPR SH	4015 475 INDUSTRIAL BLVD		MACON	GA	AIRS
31210	S112369785		JOHN R WALKER INC	4038 INDUSTRIAL BLVD		MACON	GA	EDR Historical Auto
31210	A100500667		NEIGHBORHOOD FOOD MART	2304 INGLESSIDE AVE		MACON	GA	Stations
31210	A100500665		NEIGHBORHOOD *WAS 11-FS-106 CHANG	2304 INGLESSIDE AVE		MACON	GA	AST
31210	S125321350		DOUGLAS WASTEWATER TREATMENT F/	622 IRON ROAD		DOUGLAS	GA	AST
31210	1025989147	110070602180	HIGHLAND PLANTATION PHASE 1 - LOT 1	564 IVY BROOK WAY		MACON	GA	TIER 2
31210	1025920212		HIGHLAND PLANTATION PHASE 1 - LOT 1	564 IVY BROOK WAY		MACON	GA	FINDS
31210	S127263637		HIGHLAND PLANTATION PHASE 1 - LOT 1	564 IVY BROOK WAY		MACON	GA	NPDES
31210	S127272319		HIGHLAND PLANTATION PHASE 1 - LOT 1	596 IVY BROOK WAY		MACON	GA	NPDES
31210	1026456394	110070816282	HIGHLAND PLANTATION PHASE 1 - LOT 1	596 IVY BROOK WAY		MACON	GA	FINDS
31210	1024454746	110070382941	HIGHLAND PLANTATION PHASE 1 - LOT 4	602 IVY BROOK WAY		MACON	GA	FINDS
31210	S127253378		HIGHLAND PLANTATION PHASE 1 - LOT 4	602 IVY BROOK WAY		MACON	GA	NPDES
31210	1025469331	110070544958	HIGHLAND PLANTATION PHASE 1 - LOT 5	622 IVY BROOK WAY		MACON	GA	FINDS
31210	S127258952		HIGHLAND PLANTATION PHASE 1 - LOT 5	622 IVY BROOK WAY		MACON	GA	NPDES
31210	S127258953		HIGHLAND PLANTATION PHASE 1 - LOT 5	624 IVY BROOK WAY		MACON	GA	NPDES
31210	1025472050	110070547723	HIGHLAND PLANTATION PHASE 1 - LOT 5	624 IVY BROOK WAY		MACON	GA	FINDS
31210	1026738238		HIGHLAND PLANTATION LOT 60	626 IVY BROOK WAY		MACON	GA	
31210	1026787816	110070917241	HIGHLAND PLANTATION LOT 60	626 IVY BROOK WAY		MACON	GA	FINDS
31210	1024454353	110070382481	HIGHLAND PLANTATION PHASE 1 - LOT 2	686 IVY BROOK WAY		MACON	GA	FINDS
31210	S127253377		HIGHLAND PLANTATION PHASE 1 - LOT 2	686 IVY BROOK WAY		MACON	GA	NPDES
31210	1006793942	110013633951	C&J #1	2900 JEFFERSONVILLE RD		MACON	GA	FINDS, UST
31210	U004188699		C&J SUPERMARKET #1	2901 JEFFERSONVILLE RD		MACON	GA	UST
31210	A100332415		MCKINNEY'S PROPANE GAS, INC.(CLOSE	2901 JOYCLIFF ROAD CLOSED		MACON	GA	AST
31210	A100500095		MCKINNEY'S PROPANE GAS, INC.(CLOSE	2901 JOYCLIFF ROAD CLOSED		MACON	GA	AST
31210	A100332425		C & J SUPERMARKET	2901 JOYCLIFF ROAD, 101 HWY 49		MACON	GA	AST
31210	1016418824	110055649963	SOUTHERN EQUIPMENT, LLC	5873 KENTUCKY DOWNS DRIVE		MACON	GA	ICIS, FINDS
31210	S127740668		MCCAUSLAND'S INERT LANDFILL	KLOPHER ROAD		BOLINGBROKE	GA	SWF/LF
31210	1006778137	110013474686	BIBB COUNTY OPERATION DIVISION	4520 KNIGHT RD		MACON	GA	FINDS, LUST, UST
31210	1026100938	110070670751	WESTFIELD LANDING APARTMENTS	421 LAMAR ROAD N		MACON	GA	FINDS
31210	1026029456		WESTFIELD LANDING APARTMENTS	421 LAMAR ROAD N		MACON	GA	
31210	S127177067		WESTFIELD LANDING APARTMENTS	421 LAMAR ROAD N		MACON	GA	
31210	S127269499		LIBERTY CHURCH ESTATES- LOT 1	4001 LIBERTY ESTATES DRIVE		MACON	GA	NPDES
31210	S127269500		LIBERTY CHURCH ESTATES- LOT 6	4021 LIBERTY ESTATES DRIVE		MACON	GA	NPDES
31210	S127174379		FILMORE THOMAS PARK, PHASE 2	3793 LOG CABIN DR.		MACON	GA	NPDES
31210	U001486763	4110117	SHREE KHODIAR INC	4691 LOG CABIN DR		MACON	GA	UST
31210	1006792298	110013617416	MINI FOOD STORE #3	4691 LOG CABIN DR		MACON	GA	FINDS
31210	1026851353		BOLINGBROKE MANOR PHASE 1	LOT 28, 226 SANDERS ROAD	**	BOLINGBROKE	GA	
31210	1026851354		BOLINGBROKE MANOR PHASE 1	LOT 29, 218 SANDERS ROAD	**	BOLINGBROKE	GA	
31210	1026851355		BOLINGBROKE MANOR PHASE 1	LOT 30, 206 SANDERS ROAD	**	BOLINGBROKE	GA	
31210	1026851356		BOLINGBROKE MANOR PHASE 1	LOT 31, 194 SANDERS ROAD	**	BOLINGBROKE	GA	
31210	1026851357		BOLINGBROKE MANOR PHASE 1	LOT 32, 186 SANDERS ROAD	**	BOLINGBROKE	GA	
31210	1026851358		BOLINGBROKE MANOR PHASE 1	LOT 33, 178 SANDERS ROAD	**	BOLINGBROKE	GA	
31210	1026851359		BOLINGBROKE MANOR PHASE 1	LOT 34, 162 SANDERS ROAD	**	BOLINGBROKE	GA	
31210	1026851360		BOLINGBROKE MANOR PHASE 1	LOT 35, 156 SANDERS ROAD	**	BOLINGBROKE	GA	
31210	1026851361		BOLINGBROKE MANOR PHASE 1	LOT 36, 144 SANDERS ROAD	**	BOLINGBROKE	GA	
31210	1026851362		BOLINGBROKE MANOR PHASE 1	LOT 37, 132 SANDERS ROAD OR 103 SAR.	**	BOLINGBROKE	GA	
31210	1026851363		BOLINGBROKE MANOR PHASE 1	LOT 38, 105 SARA KAY LANE OR 101 CAR	**	BOLINGBROKE	GA	
31210	1026851364		BOLINGBROKE MANOR PHASE 1	LOT 39, 107 CAROLINE COURT	**	BOLINGBROKE	GA	
31210	1026851365		BOLINGBROKE MANOR PHASE 1	LOT 40, 113 CAROLINE COURT	**	BOLINGBROKE	GA	
31210	1026851366		BOLINGBROKE MANOR PHASE 1	LOT 41, 119 CAROLINE COURT	**	BOLINGBROKE	GA	
31210	1026851367		BOLINGBROKE MANOR PHASE 1	LOT 42, 125 CAROLINE COURT	**	BOLINGBROKE	GA	
31210	1026851368		BOLINGBROKE MANOR PHASE 1	LOT 43, 131 CAROLINE COURT	**	BOLINGBROKE	GA	
31210	1026851369		BOLINGBROKE MANOR PHASE 1	LOT 45, 143 CAROLINE COURT	**	BOLINGBROKE	GA	
31210	1026851370		BOLINGBROKE MANOR PHASE 1	LOT 46, 149 CAROLINE COURT	**	BOLINGBROKE	GA	
31210	1026851371		BOLINGBROKE MANOR PHASE 1	LOT 47, 155 CAROLINE COURT	**	BOLINGBROKE	GA	
31210	1026851372		BOLINGBROKE MANOR PHASE 1	LOT 48, 161 CAROLINE COURT	**	MACON	GA	
31210	1026851373		BOLINGBROKE MANOR PHASE 1	LOT 50, 152 CAROLINE COURT	**	MACON	GA	
31210	1026851374		BOLINGBROKE MANOR PHASE 1	LOT 51, 146 CAROLINE COURT	**	MACON	GA	
31210	1026851375		BOLINGBROKE MANOR PHASE 1	LOT 52, 140 CAROLINE COURT	**	MACON	GA	
31210	1026851376		BOLINGBROKE MANOR PHASE 1	LOT 53, 134 CAROLINE COURT	**	MACON	GA	
31210	1026851377		BOLINGBROKE MANOR PHASE 1	LOT 54, 128 CAROLINE COURT OR 101 CC	**	MACON	GA	

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
31210	1026851378		BOLINGBROKE MANOR PHASE 1	LOT 56, 113 CONNER COURT	**	MACON	GA	
31210	1026851379		BOLINGBROKE MANOR PHASE 1	LOT 58, 110 CONNER COURT	**	MACON	GA	
31210	1026851380		BOLINGBROKE MANOR PHASE 1	LOT 59, 104 CONNER COURT OR 122 CAR	**	MACON	GA	
31210	1026851381		BOLINGBROKE MANOR PHASE 1	LOT 60, 116 CAROLINE COURT	**	MACON	GA	
31210	1026851382		BOLINGBROKE MANOR PHASE 1	LOT 61, 108 CAROLINE COURT	**	MACON	GA	
31210	1026851383		BOLINGBROKE MANOR PHASE 1	LOT 62, 104 CAROLINE COURT OR 111 SA	**	MACON	GA	
31210	1026851384		BOLINGBROKE MANOR PHASE 1	LOT 63, 115 SARA KAY LANE	**	MACON	GA	
31210	1026851385		BOLINGBROKE MANOR PHASE 1	LOT 64, 119 SARA KAY LANE	**	MACON	GA	
31210	1026851386		BOLINGBROKE MANOR PHASE 1	LOT 65, 125 SARA KAY LANE	**	MACON	GA	
31210	1026851387		BOLINGBROKE MANOR PHASE 1	LOT 66, 131 SARA KAY LANE	**	MACON	GA	
31210	1026851388		BOLINGBROKE MANOR PHASE 1	LOT 67, 137 SARA KAY LANE	**	MACON	GA	
31210	1026851389		BOLINGBROKE MANOR PHASE 1	LOT 68, 143 SARA KAY LANE	**	MACON	GA	
31210	1026851390		BOLINGBROKE MANOR PHASE 1	LOT 69, 148 SARA KAY LANE	**	MACON	GA	
31210	1026851391		BOLINGBROKE MANOR PHASE 1	LOT 70, 146 SARA KAY LANE	**	MACON	GA	
31210	1026851392		BOLINGBROKE MANOR PHASE 1	LOT 71, 140 SARA KAY LANE	**	MACON	GA	
31210	1026851393		BOLINGBROKE MANOR PHASE 1	LOT 72, 134 SARA KAY LANE	**	MACON	GA	
31210	1026851394		BOLINGBROKE MANOR PHASE 1	LOT 73, 128 SARA KAY LANE	**	MACON	GA	
31210	1026851395		BOLINGBROKE MANOR PHASE 1	LOT 74, 122 SARA KAY LANE	**	MACON	GA	
31210	1026851396		BOLINGBROKE MANOR PHASE 1	LOT 75, 118 SARA KAY LANE	**	MACON	GA	
31210	1026851397		BOLINGBROKE MANOR PHASE 1	LOT 77, 108 SARA KAY LANE	**	MACON	GA	
31210	1026851398		BOLINGBROKE MANOR PHASE 1	LOT 78, 106 SARA KAY LANE	**	MACON	GA	
31210	1026851399		BOLINGBROKE MANOR PHASE 1	LOT 79, 102 SARA KAY LANE	**	MACON	GA	
31210	1026851400		BOLINGBROKE MANOR PHASE 1	LOT 80, 100 SARA KAY LANE OR 106 SANI	**	MACON	GA	
31210	1007879458	GAR000039164	HD SUPPLY PLUMBING/HVAC (HG5106)	125 MACON WEST DR		MACON	GA	RCRA-NonGen
31210	1007739352	110020475957	HD SUPPLY PLUMBING/HVAC (HG5106)	125 MACON WEST DR		MACON	GA	FINDS
31210	1017453193		HD SUPPLY PLUMBING/HVAC (HG5106)	125 MACON WEST DR		MACON	GA	
31210	S117054248		MACON	149 MACON WEST DR		MACON	GA	TIER 2
31210	S108416608	FATR20061547	MACON	149 MACON WEST DR		MACON	GA	TIER 2
31210	A100496505		EVERGREEN PROPANE LLC	149 MACON WEST DRIVE		MACON	GA	AST
31210	1023660147	110070074258	HOLIDAY INN EXPRESS & SUITES	240 N. MACON STREET	BC, WNW, 1 - 2	MACON	GA	FINDS
31210	S127171178		HOLIDAY INN EXPRESS & SUITES	240 N. MACON STREET	BC, WNW, 1 - 2	MACON	GA	NPDES
31210	1026660743		ATLANTIC MILLS COMPOSITE ELEVATED	MAILEY AVENUE	**	MACON	GA	
31210	S127187462		ATLANTIC MILLS COMPOSITE ELEVATED	MAILEY AVENUE	**	MACON	GA	NPDES
31210	1026694097	110070866449	ATLANTIC MILLS COMPOSITE ELEVATED	MAILEY AVENUE	**	MACON	GA	FINDS
31210	S112371627		GA POWER	1070 MATTHEWS DRIVE		MACON	GA	
31210	S117053933		BIBB COUNTY OFFICE	3122 MCMANUS ROAD		MACON	GA	TIER 2
31210	S111278263		BIBB COUNTY OFFICE	3122 MCMANUS ROAD		MACON	GA	TIER 2
31210	U002080491	09011097	DOT 10348/BIBB INTERSTATE	4011 MCMANUS DR/OFF SR 74		MACON	GA	LUST, UST
31210	S127739223		BIBB CO - RIVERWOOD INTERNATIONAL,	4300 MEAD ROAD		MACON	GA	SWF/LF
31210	2009058300		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2009058447		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2010104701		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2009051013		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2011007529		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2009057909		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2016010330		244 MERCER JUNCTION	244 MERCER JUNCTION		Macon	GA	HMIRS
31210	2010102866		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2009051442		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2013012424		244 MERCER JUNCTION	244 MERCER JUNCTION		Macon	GA	HMIRS
31210	2009056118		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2009048591		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2013006227		244 MERCER JUNCTION	244 MERCER JUNCTION		Macon	GA	HMIRS
31210	2011002221		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2009058405		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2010103418		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	2010010186		244 MERCER JUNCTION	244 MERCER JUNCTION		MACON	GA	HMIRS
31210	1006778430	110013477638	LOG CABIN CHEVRON	4280 MERCER UNIVERSITY DR		MACON	GA	FINDS, LUST, UST
31210	1021563740		SUWANNEE SWIFTY STORES INC	4555 MERCER UNIVERSITY DR		MACON	GA	EDR Historical Auto Stations
31210	1006794088	110013635432	EXPRESS FOOD MART #220	4555 MERCER UNIVERSITY DR		MACON	GA	FINDS, LUST, UST
31210	A100496525		EXPRESS FOOD MART #220	4555 MERCER UNIVERSITY DRIVE		MACON	GA	AST
31210	100464363		MACON BEAUTY SUPPLY CO INC	4858 MERCER UNIVERSITY BLVD		MACON	GA	FTTS
31210	S126411501		#58 ROYAL BATTERY DISTRIBUTORS INC	4858 MERCER UNIVERSITY DR		MACON	GA	TIER 2
31210	S117053513		SAFE-START LLC	4858-B MERCER UNIVERSITY DRIVE		MACON	GA	TIER 2
31210	S118839377		TROJAN BATTERY SALES	4858-B MERCER UNIVERSITY DRIVE		MACON	GA	TIER 2
31210	S111278268		SAFE-START LLC	4858-B MERCER UNIVERSITY DRIVE		MACON	GA	TIER 2
31210	1020672450		DORTONS MECHANICAL SERVICE LLC	4908 MERCER UNIVERSITY DR		MACON	GA	EDR Historical Auto Stations
31210	1014930674		TRANSMISSIONS TO GO	4945 MERCER UNIVERSITY DR		MACON	GA	EDR Historical Auto Stations
31210	1004687792	GAR000012690	CUSTOM AUTOMOTIVE REFINISHING	4989-A MERCER UNIVERSITY DR		MACON	GA	RCRA-NonGen

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
31210	1016208990	110005713950	CUSTOM AUTOMOTIVE REFINISHING	4989-A MERCER UNIVERSITY DR		MACON	GA	FINDS
31210	1000369104	110005681510	MEARS OF MACON	5021 MERCER UNIVERSITY DR		MACON	GA	RCRA-NonGen, FINDS
31210	S125321168		UNITED RENTALS BRANCH 960	5100 MERCER UNIVERSITY		MACON	GA	TIER 2
31210	S113244424		VALERIE JEAN FRIED COLLECTION OPER	5100 MERCER UNIVERSITY DRIVE		MACON	GA	SWF/LF
31210	1022980300	110070016661	ACTION TIRE	5130 MERCER UNIVERSITY DRIVE		MACON	GA	FINDS
31210	1011997303	110038256712	AAA POOL SUPPLY INC	5140 MERCER UNIVERSITY DR		MACON	GA	FINDS
31210	S127323209		FORMER WALTHALL OIL STATION	5201 MERCER UNIVERSITY DR		MACON	GA	LUST
31210	2016007770		244 MERER JUNCTION	244 MERER JUNCTION		MACON	GA	HMIRS
31210	S125321362		HINESVILLE PUBLIC WORKS COMPLEX	613 E.G. MILES PARKWAY	**	MACON	GA	TIER 2
31210	S112187254		SCHWAN'S HOME SERVICE INC- 112500	6300 MOSELEY DIXON ROAD		MACON	GA	TIER 2
31210	S113908919		SCHWAN'S HOME SERVICE, INC.- 112500	6300 MOSELEY DIXON ROAD		MACON	GA	TIER 2
31210	1020160728		CENTRAL GEORGIA MARINA INC	6600 MOSELEY DIXON RD		MACON	GA	EDR Historical Auto Stations
31210	1006778419	110013477521	DEVOTION LLC	6024 MOSELY DIXON RD		MACON	GA	FINDS
31210	1006794297	110013637528	CENTRAL GEORGIA MARINA INC	6500 MOSELY DIXON RD		MACON	GA	FINDS, UST
31210	1020617780		CENTRAL GEORGIA MARINA INC	6600 MOSEY DIXON RD	**	MACON	GA	EDR Historical Auto Stations
31210	1015900080	110044766535	MUMFORD RD DRUM	4400 MUMFORD RD		MACON	GA	FINDS
31210	1015730931	GAN000410802	MUMFORD RD DRUM	4400 MUMFORD RD		MACON	GA	CERCLIS
31210	1022986199		MULTI-USE BLDG. AT THE GA INDUSTRIAL	4690 N. MUMFORD RD.		MACON	GA	
31210	1023547348	110070022567	MULTI-USE BLDG. AT THE GA INDUSTRIAL	4690 N. MUMFORD RD.		MACON	GA	FINDS
31210	2009898649			5402 NEW FORSYTH ROAD	V, WNW, 1 - 2	MACON	GA	ERNS
31210	1020617752		STEPHENS J L LUBRICANTS	5462 NEW FORSYTH RD	V, WNW, 1 - 2	MACON	GA	EDR Historical Auto Stations
31210	S113244426		ALTERNATIVE WASTE SERVICES, INC. CC	5462 NEW FORSYTH ROAD	V, WNW, 1 - 2	MACON	GA	SWF/LF
31210	1023396032	110067242102	THE ACADEMY OF CLASSICAL EDUCATIO	5665 NEW FORSYTH ROAD	AG, NW, 1 - 2	MACON	GA	FINDS
31210	U001486948	04110345	MIKE COOK CO INC	NEW FORSYTH RD	O, NW, 1/2 - 1	MACON	GA	LUST, UST
31210	U003727924	9011189	CENTRAL GA REHABILITATION HOSPIT	3351 NORTHSIDE DRIVE		MACON	GA	UST
31210	1006778002	110013473311	CENTRAL GA REHABILITATION HOSPIT	3351 NORTHSIDE DRIVE		MACON	GA	FINDS
31210	1026734768		NORTHSIDE SENIOR VILLAGE	3568 NORTHSIDE DRIVE	BM, SSE, >2	MACON	GA	
31210	1026769919	110070892485	NORTHSIDE SENIOR VILLAGE	3568 NORTHSIDE DRIVE	BM, SSE, >2	MACON	GA	FINDS
31210	S127179466		NORTHSIDE SENIOR VILLAGE	3568 NORTHSIDE DRIVE	BM, SSE, >2	MACON	GA	NPDES
31210	S127172607		NEW SPINE CENTER FOR ORTHOGA	3712 NORTHSIDE DRIVE	BG, South, >2	MACON	GA	NPDES
31210	1024036121	110070162299	NEW SPINE CENTER FOR ORTHOGA	3712 NORTHSIDE DRIVE	BG, South, >2	MACON	GA	FINDS
31210	1026773807	110070899212	COSMOPROF #66220	3780 NORTHSIDE DR	BA, South, >2	MACON	GA	FINDS
31210	1026672095		COSMOPROF #66220	3780 NORTHSIDE DR	BA, South, >2	MACON	GA	
31210	1026495264	GAR000091603	COSMOPROF #66220	3780 NORTHSIDE DR	BA, South, >2	MACON	GA	RCRA-CESQG
31210	1005508113	110007083324	PRO TIRE	3787 NORTHSIDE DRIVE	BA, South, >2	MACON	GA	ICIS, FINDS
31210	1014930258		PAN AM NUMBER NINE	3802 NORTHSIDE DR	BA, South, >2	MACON	GA	EDR Historical Auto Stations
31210	1006792622	110013620689	SPECTURM #69	3802 NORTHSIDE DR	BA, South, >2	MACON	GA	FINDS
31210	A100327925		CIRCLE K	3802 NORTHSIDE DRIVE	BA, South, >2	MACON	GA	AST
31210	S119781950		PURPLE ESTATE LLC	3821 NORTHSIDE DR	BA, South, >2	MACON	GA	LUST
31210	U001474506	110427	PURPLE ESTATE LLC	3821 NORTHSIDE DR	BA, South, >2	MACON	GA	UST
31210	A100495164		CIRCLE K #6714	3821 NORTHSIDE DRIVE	BA, South, >2	MACON	GA	AST
31210	1000133208	GAD981218738	A & T NORTHSIDE CLEANERS	3823 NORTHSIDE DR	BA, South, >2	MACON	GA	RCRA-NonGen
31210	1016137371	110005673707	A & T CLEANERS-NORTHSIDE	3823 NORTHSIDE DRIVE	BA, South, >2	MACON	GA	FINDS
31210	1020643401		OCMULGEE MARKETING INC	3888 NORTHSIDE DR	AW, South, 1 - 2	MACON	GA	EDR Historical Auto Stations
31210	1010350857	110030908025	THE ARBOR APARTMENT HOMES	3901 NORTHSIDE DRIVE	AW, South, 1 - 2	MACON	GA	FINDS
31210	1014930154		AUTOBAHN DO IT YOURSELF GARAGES	3946 NORTHSIDE DR	AU, South, 1 - 2	MACON	GA	EDR Historical Auto Stations
31210	1024082065	110070160827	SUDS EXPRESS CAR WASH	3950 NORTHSIDE DRIVE	AU, South, 1 - 2	MACON	GA	FINDS
31210	S127172648		SUDS EXPRESS CAR WASH	3950 NORTHSIDE DRIVE	AU, South, 1 - 2	MACON	GA	NPDES
31210	A100327837		WARNER ROBINS SUPPLY OF MACON	3972 NORTHSIDE DRIVE	AU, South, 1 - 2	MACON	GA	AST
31210	U004282031		CIRCLE K #27606771	4001 NORTHSIDE DR	AR, South, 1 - 2	MACON	GA	UST
31210	1023660203	110070074314	CIRCLE K MACON (NORTHSIDE)	4001 NORTHSIDE DRIVE	AR, South, 1 - 2	MACON	GA	FINDS
31210	1014929536		CHOICE CLEANERS D&Y CLEANING	4002 NORTHSIDE DR	AR, South, 1 - 2	MACON	GA	EDR Historical Cleaners
31210	1019953841		CHOICE CLEANERS	4010 NORTHSIDE DR STE E	AR, South, 1 - 2	MACON	GA	EDR Historical Cleaners
31210	1020755958		WALTHALL OIL COMPANY	4719 NORTHSIDE DR	AQ, SSW, 1 - 2	MACON	GA	EDR Historical Auto Stations
31210	A100327996		NORTHSIDE CHEVRON	4719 NORTHSIDE DRIVE	AQ, SSW, 1 - 2	MACON	GA	AST
31210	98441605		ONLY LEFT OFF BROOKEFIELD		**	MACON	GA	ERNS
31210	1024029828	110070152865	PI# M005670, BRIDGE JACKING AND REH/	CR64 OVER I-475, CR212 OVER I-75, CR15	**	MACON	GA	FINDS
31210	S127186132		PI# M005670, BRIDGE JACKING AND REH/	CR64 OVER I-475, CR212 OVER I-75, CR15	**	MACON	GA	NPDES
31210	1012313849	110040425180	CELLCO - GRAY	259 OVERLAND WAY		MACON	GA	ICIS, FINDS
31210	S113244418		MEDICAL CENTER OF CENTRAL GEORGIA/	4269 INTERSTATE PARKWAY		MACON	GA	SWF/LF
31210	S127168082		STRATFORD ACADEMY PARKING ADDITIC	6010 PEAKE ROAD		MACON	GA	NPDES
31210	S127175822		GEORGIA CENTER FOR PLASTIC AND RE	6326 PEAKE RD.		MACON	GA	NPDES
31210	1025477671	110070555179	GEORGIA CENTER FOR PLASTIC AND RE	6326 PEAKE RD.		MACON	GA	FINDS
31210	1025471626	110070547290	PEAKE ROAD TIDAL WAVE AUTO SPA	6700 PEAKE ROAD		MACON	GA	FINDS

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31210	S127175428		PEAKE ROAD TIDAL WAVE AUTO SPA	6700 PEAKE ROAD		MACON	GA	NPDES
31210	U003004379	9011146	IDLE HOUR COUNTRY CLUB INC	419 PENCROSS LANE		MACON	GA	UST
31210	1006778124	110013474551	IDLE HOUR COUNTRY CLUB INC	419 PENCROSS LANE		MACON	GA	FINDS
31210	A100332234		TEXACO FOOD MART	1315 SOUTH PERRY PARKWAY		PERRY	GA	AST
31210	1004688569	110012283821	GPM INC	206 PINEBARREN RD		POOLER	GA	RCRA-NonGen, FINDS
31210	1006775597	110013448956	KNOX RIVERS CONSTRUCTION	PITTS CHAPEL RD/HWY 49	**	MACON	GA	FINDS, LUST, UST
31210	S113244423		MEDICAL DISPOSAL SYSTEMS COLLECTI	4269 INTERSTATE PKWY.		MACON	GA	SWF/LF
31210	94235586			PLANT ARK WRIGHT	**	MACON	GA	ERNS
31210	1010350300	110030910655	EXIT REALTY ASSOCIATION	125 PLANTATION CENTER DRIVE, S., BLD		MACON	GA	FINDS
31210	1024444937	110070370159	MIDDLE GEORGIA FITNESS	380 PLANTATION WAY		MACON	GA	FINDS
31210	S127174063		MIDDLE GEORGIA FITNESS	380 PLANTATION WAY		MACON	GA	NPDES
31210	1023636041	110070044755	TRIANGLE CHEMICAL COMPANY	117 PRESTON COURT	169, NW, 1 - 2	MACON	GA	FINDS
31210	S127178269		TRU HOTEL	107 PROVIDENCE BLVD.	Bl, West, 1 - 2	MACON	GA	NPDES
31210	1026209880		TRU HOTEL	107 PROVIDENCE BLVD.	Bl, West, 1 - 2	MACON	GA	
31210	1026437140	110070792821	TRU HOTEL	107 PROVIDENCE BLVD.	Bl, West, 1 - 2	MACON	GA	FINDS
31210	S127177069		WATERCREST ASSISTED LIVING FACILIT'	111 PROVIDENCE BLVD	Bl, West, 1 - 2	MACON	GA	NPDES
31210	1026029020		WATERCREST ASSISTED LIVING FACILIT'	111 PROVIDENCE BLVD	Bl, West, 1 - 2	MACON	GA	
31210	1026100537	110070670309	WATERCREST ASSISTED LIVING FACILIT'	111 PROVIDENCE BLVD	Bl, West, 1 - 2	MACON	GA	FINDS
31210	1014931369		THUNDER N LIGHTING MOTORCYCLE REI	909 QUAIL TRL	328, SSW, >2	MACON	GA	EDR Historical Auto Stations
31210	1006775643	110013449410	RYDER TS #0122A	300 RAINES AVE		MACON	GA	TIER 2, FINDS, LUST, UST
31210	1014929953		B G MOBILE TRUCK EQUIPMENT GENL AL	114 RED FOX RUN	172, NW, 1 - 2	MACON	GA	EDR Historical Auto Stations
31210	1022200570		DAVIS BEN F GENERAL MDSE	RFD #2	**	MACON	GA	EDR Historical Auto Stations
31210	1020702359		DAVIS BEN F GENERAL MDSE	RFD #2 UPPER THOMASTON RD	**	MACON	GA	EDR Historical Auto Stations
31210	S125321353		BASS ROAD WELL #3	204 NORTH RIDGE AVENUE		TIFTON	GA	TIER 2
31210	1025919248		SENIOR LIVING FACILITY	3769 RIDGE AVE		MACON	GA	
31210	S127176596		SENIOR LIVING FACILITY	3769 RIDGE AVE		MACON	GA	NPDES
31210	1025988246	110070601206	SENIOR LIVING FACILITY	3769 RIDGE AVE		MACON	GA	FINDS
31210	S127739475		RIVER PLACE DRIVE OUTPARCELS-DEVE	3959,3961 &4400 RIVER PLACE DRIVE	**	MACON	GA	SWF/LF
31210	1026030643		AVID HOTEL	3969 RIVER PLACE DR	AY, SSE, 1 - 2	MACON	GA	
31210	S127177320		AVID HOTEL	3969 RIVER PLACE DR	AY, SSE, 1 - 2	MACON	GA	NPDES
31210	1026103602	110070674093	AVID HOTEL	3969 RIVER PLACE DR	AY, SSE, 1 - 2	MACON	GA	FINDS
31210	1014930903		HUCKABEE AUTO COMPANY GENL AUTO	3989 RIVER PLACE DR	BD, SSE, >2	MACON	GA	EDR Historical Auto Stations
31210	1010695604	110032964291	HUTCHINSON AUTO MALL	3989 RIVER PLACE DR	BD, SSE, >2	MACON	GA	FINDS
31210	1010563144	GAR000051342	HUTCHINSON AUTO MALL	3989 RIVER PLACE DR	BD, SSE, >2	MACON	GA	RCRA-NonGen
31210	1014923195	GAR000063099	CALIBER COLLISION CENTER - MACON 2:	111 RIVERSIDE PARKWAY	AM, SSE, 1 - 2	MACON	GA	RCRA-CESQG
31210	1026011774		CALIBER COLLISION CENTER - MACON 2:	111 RIVERSIDE PARKWAY	AM, SSE, 1 - 2	MACON	GA	
31210	1017530772	110044918854	CALIBER COLLISION CENTER - MACON 2:	111 RIVERSIDE PARKWAY	AM, SSE, 1 - 2	MACON	GA	FINDS
31210	1010169114	110030464245	PINNACLE REALTY	116 RIVERSIDE PARKWAY, SUITE 7	AT, SSE, 1 - 2	MACON	GA	FINDS
31210	1005508105	110007090799	RAFFIUE TIRE-MASTERS INC	120 RIVERSIDE PKWY	AT, SSE, 1 - 2	MACON	GA	ICIS, FINDS
31210	S109261572		CADUCEUS PROPERTY (FORMER)	167 RIVERSIDE DRIVE		MACON	GA	NON HSI
31210	A100494939		CHEVRON STATION (CLOSED)	2650 RIVERSIDE DRIVE		MACON	GA	AST
31210	1000272657	110005672245	JACKSON AUTOMOTIVE GROUP BODY SH	3010 RIVERSIDE DR		MACON	GA	RCRA-NonGen, FINDS, LUST, UST
31210	1000198734	110005676036	FIVE STAR MAZDA	3068 RIVERSIDE DR		MACON	GA	RCRAInfo-SQG, FINDS, UST
31210	1014883632	110043682912	FIVE STAR COLLISION CENTER	3068 RIVERSIDE DR.		MACON	GA	FINDS
31210	S121798673		FIVE STAR COLLISION CENTER	3068 RIVERSIDE DR.		MACON	GA	AIRS
31210	S127167731		FIVE STAR DODGE	3068 RIVERSIDE DRIVE		MACON	GA	NPDES
31210	1018786447		WASH ETC	3096-A RIVERSIDE DRIVE	**	MACON	GA	EDR Historical Cleaners
31210	1020187460		BELL SOUTH MOBIL STE 200	3200 RIVERSIDE DR		MACON	GA	EDR Historical Auto Stations
31210	U001489849	09011065	CHARTER LAKE HOSPITAL	3500 RIVERSIDE DR	BP, SSE, >2	MACON	GA	LUST, UST
31210	1006794097	90111016	ORKIN PEST CONTROL #252	3556 RIVERSIDE DR	BH, SSE, >2	MACON	GA	LUST, UST
31210	A100327843		RIVERSIDE ACE HARDWARE	3600 RIVERSIDE DRIVE	BH, SSE, >2	MACON	GA	AST
31210	1004686787	110005694007	CHEVRON #53094	3720 RIVERSIDE DR	AX, SSE, 1 - 2	MACON	GA	RCRA-NonGen, FINDS
31210	1021222191		WALTHALL OIL COMPANY	3720 RIVERSIDE DR	AX, SSE, 1 - 2	MACON	GA	EDR Historical Auto Stations
31210	1000506458	00112000	ARKWRIGHT CHEVRON/CHEVRON #53094	3720 RIVERSIDE DR	AX, SSE, 1 - 2	MACON	GA	TIER 2, LUST, UST
31210	A100327949		WALTHALL OIL #407	3720 RIVERSIDE DRIVE	AX, SSE, 1 - 2	MACON	GA	AST
31210	1010350851	110030907963	RIVER RIDGE APARTMENT HOMES	3896 RIVERSIDE DRIVE	AM, SSE, 1 - 2	MACON	GA	FINDS
31210	U004298378		HILL TOP FOOD MART	4488 RIVERSIDE DR.	S, SSW, 1/2 - 1	MACON	GA	UST
31210	1022974222	110070010572	BUTLER NISSAN	4500 RIVERSIDE DRIVE	G, SW, 1/2 - 1	MACON	GA	FINDS
31210	S127167362		BUTLER NISSAN	4500 RIVERSIDE DRIVE	G, SW, 1/2 - 1	MACON	GA	NPDES
31210	1023660011	110070074122	NEW INFINITY DEALERSHIP	4763 RIVERSIDE DRIVE	H, WSW, 1/4 - 1/2	MACON	GA	FINDS
31210	U003763177	9011204	ALWAYS OPEN FOUR C	4765 RIVERSIDE DRIVE	H, WSW, 1/4 - 1/2	MACON	GA	UST

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31210	1023660100	110070074211	VOLKSWAGEN DEALERSHIP PROPOSED	4768 RIVERSIDE DRIVE	H, WSW, 1/4 - 1/2	MACON	GA	FINDS
31210	1014695610	110043429741	JACKSON AUTOMOTIVE GROUP	4781 RIVERSIDE DR.	G, SW, 1/4 - 1/2	MACON	GA	FINDS
31210	S127167091		SUBARU OF MACON	4781 RIVERSIDE DRIVE	G, SW, 1/4 - 1/2	MACON	GA	NPDES
31210	1000404910	110005676321	SMITH BARNEY A LINCOLN-MERCURY INC	4785 RIVERSIDE DR	H, WSW, 1/4 - 1/2	MACON	GA	RCRA-NonGen, FINDS
31210	1022979142	110070015497	SUTTON- PROPOSED PARKING ADDITION	4796 RIVERSIDE DRIVE	Q, WSW, 1/4 - 1/2	MACON	GA	FINDS
31210	S127168968		SUTTON- PROPOSED PARKING ADDITION	4796 RIVERSIDE DRIVE	Q, WSW, 1/4 - 1/2	MACON	GA	NPDES
31210	1010696220	110033020969	PORTRAIT INNOVATIONS #129	5080 RIVERSIDE DR STE 404	P, NW, 1/2 - 1	MACON	GA	FINDS
31210	1010563148	GAR000051383	PORTRAIT INNOVATIONS #129	5080 RIVERSIDE DR STE 404	P, NW, 1/2 - 1	MACON	GA	RCRA-CESQG
31210	S127176751		ROOMS TO GO	5097 RIVERSIDE DRIVE	I, NW, 1/4 - 1/2	MACON	GA	NPDES
31210	1025996282	110070617937	ROOM TO GO	5097 RIVERSIDE DRIVE	I, NW, 1/4 - 1/2	MACON	GA	FINDS
31210	S127176694		ROOM TO GO	5097 RIVERSIDE DRIVE	I, NW, 1/4 - 1/2	MACON	GA	NPDES
31210	1025949252		ROOM TO GO	5097 RIVERSIDE DRIVE	I, NW, 1/4 - 1/2	MACON	GA	
31210	1026698575	110070874318	ASHLEYS MACON	5101 RIVERSIDE DR.	I, NW, 1/2 - 1	MACON	GA	FINDS
31210	S127179314		ASHLEYS MACON	5101 RIVERSIDE DR.	I, NW, 1/2 - 1	MACON	GA	NPDES
31210	1026664434		ASHLEYS MACON	5101 RIVERSIDE DR.	I, NW, 1/2 - 1	MACON	GA	
31210	1004688645	110012224814	FIRST ENVIRONMENTAL NATIONWIDE INC	5223 RIVERSIDE DR	O, NW, 1/2 - 1	MACON	GA	RCRA-NonGen, FINDS
31210	1006794446	110013639027	FINA MART #18	5250 RIVERSIDE DRIVE	O, NW, 1/2 - 1	MACON	GA	FINDS
31210	U003727921	9011185	TREE CITY #100544	5250 RIVERSIDE DRIVE	O, NW, 1/2 - 1	MACON	GA	UST
31210	A100327976		MARATHON #7 *REOPEN*	5250 RIVERSIDE DRIVE	O, NW, 1/2 - 1	MACON	GA	AST
31210	1004461349	110001425869	BALCOM CABINET & MIL	5290 RIVERSIDE DR	R, NW, 1/2 - 1	MACON	GA	FINDS
31210	S107749872	302100188	BALCOM CABINET & MIL	5290 RIVERSIDE DR	R, NW, 1/2 - 1	MACON	GA	AIRS
31210	U004117076		BALCOM PROPERTY/FORMER MACON M/	5296 RIVERSIDE DR	R, NW, 1/2 - 1	MACON	GA	LUST, UST
31210	1020701596		WALTHALL OIL COMPANY	RIVERSIDE & BURRIS RD		MACON	GA	EDR Historical Auto Stations
31210	1021272925		PUBLIC SAF - T - OIL COMPANY	4460 RIVOLI DR		MACON	GA	EDR Historical Auto Stations
31210	1025457522	110070530666	VILLAS AT RIVOLI	5075 RIVOLI DRIVE		MACON	GA	FINDS
31210	1024935897		VILLAS AT RIVOLI	5075 RIVOLI DRIVE		MACON	GA	
31210	S127258633		VILLAS AT RIVOLI	5075 RIVOLI DRIVE		MACON	GA	NPDES
31210	1021473548		CUMMINGS AUTO SERVICE CENTER	5216 RIVOLI DR		MACON	GA	EDR Historical Auto Stations
31210	1025985643	110070598357	5372 RIVOLI DRIVE	5372 RIVOLI DRIVE		MACON	GA	FINDS
31210	S127264236		5372 RIVOLI DRIVE	5372 RIVOLI DRIVE		MACON	GA	NPDES
31210	1025916429		5372 RIVOLI DRIVE	5372 RIVOLI DRIVE		MACON	GA	
31210	1024036200	110070160760	NORTH MACON PRESBYTERIAN CHURCH	5707 RIVOLI DRIVE		MACON	GA	FINDS
31210	S127172602		NORTH MACON PRESBYTERIAN CHURCH	5707 RIVOLI DRIVE		MACON	GA	NPDES
31210	A100500218		MINI FOODS	4961 ROMEISER RD.		MACON	GA	AST
31210	1021897210		KAUFFMAN TIRE INCORPORATED	5011 ROMERSER RD	**	MACON	GA	EDR Historical Auto Stations
31210	A100327987		MINI FOODS / MARATHON	4961 ROMISER ROAD		MACON	GA	AST
31210	1025472523		ELLIS RESIDENCE	ROWAN WALK	**	MACON	GA	
31210	S127175443		ELLIS RESIDENCE	ROWAN WALK	**	MACON	GA	NPDES
31210	1025811502	110070548203	ELLIS RESIDENCE	ROWAN WALK	**	MACON	GA	FINDS
31210	U003007013	9102018	HWY 74 STOP & SHOP	4131 ST RT 74E		MACON	GA	UST
31210	1025902111		BOLINGBROKE MANOR - PHASE 1	SANDERS ROAD AT US HWY. 19/GA HWY.	**	BOLINGBROKE	GA	
31210	1025823091	110070568197	BOLINGBROKE MANOR - PHASE 1	SANDERS ROAD AT US HWY. 19/GA HWY.	**	BOLINGBROKE	GA	FINDS
31210	S127262510		BOLINGBROKE MANOR - PHASE 1	SANDERS ROAD AT US HWY. 19/GA HWY.	**	BOLINGBROKE	GA	NPDES
31210	1012309976	110040420826	DJ'S FOOD STORE	3621 SGODA RD		MACON	GA	FINDS
31210	1024436073	110070358157	LOFTS @ RIVER CROSSING	214 SHERATON DRIVE	E, SSW, 1/4 - 1/2	MACON	GA	FINDS
31210	S127174093		LOFTS @ RIVER CROSSING	214 SHERATON DRIVE	E, SSW, 1/4 - 1/2	MACON	GA	NPDES
31210	S109508415		MACON MTSO ECP 5	4306 SHERATON DRIVE	T, SSE, 1 - 2	MACON	GA	TIER 2
31210	1007452322	110017745653	GROOME TRANSPORTATION	4540 SHERATON DR	L, South, 1/2 - 1	MACON	GA	FINDS
31210	U003920842	10000307	GROOM TRANSPORTATION	4540 SHERATON DRIVE	L, South, 1/2 - 1	MACON	GA	AST, UST
31210	1026795437	110070929276	HARRY THOMPSON STADIUM	1210 SHURLING DRIVE		MACON	GA	FINDS
31210	1026750273		HARRY THOMPSON STADIUM	1210 SHURLING DRIVE		MACON	GA	
31210	1026792836	110070926439	NEW SYNTHETIC TURF FIELD AT HARRY	1210 SHURLING DRIVE LAND LOT 29, MRE		MACON	GA	FINDS
31210	1026756590		NEW SYNTHETIC TURF FIELD AT HARRY	1210 SHURLING DRIVE LAND LOT 29, MRE		MACON	GA	
31210	S127253540		HOME PLACER LLC	467 SOUTHERN OAKS DR		MACON	GA	NPDES
31210	1024604210	110070391612	HOME PLACER LLC	467 SOUTHERN OAKS DR		MACON	GA	FINDS
31210	S125321355		INDUSTRIAL PARK WELL #4	300 SOUTHWELL BLVD		TIFTON	GA	TIER 2
31210	U003157744	09011170	RUSSELL LLOYD PROPERTY	292 NORTH ST		MACON	GA	LUST, UST
31210	1026122801		NORTH MACON PLAZA SITE GRADING IMI	200 STARCADIA CIRCLE	Y, WNW, 1 - 2	MACON	GA	
31210	1026396163	110070695978	NORTH MACON PLAZA SITE GRADING IMI	200 STARCADIA CIRCLE	Y, WNW, 1 - 2	MACON	GA	FINDS
31210	S127177697		NORTH MACON PLAZA SITE GRADING IMI	200 STARCADIA CIRCLE	Y, WNW, 1 - 2	MACON	GA	NPDES
31210	1010350873	110030908187	ANGELO PROPERTIES, INC.	174 STEVEN DRIVE		MACON	GA	FINDS
31210	1022282303	110064717392	MACON BIBB WALKER ROAD MSWL	920 11TH STREET		MACON	GA	FINDS
31210	1022195026		JOHNSON PETROLEUM CO*	4908 THOMASTON ROAD	**	MACON	GA	EDR Historical Auto Stations
31210	1006790695	110013601245	KNOXS BAIT AND TACKLE	5252 THOMASTON RD		MACON	GA	FINDS, LUST, UST
31210	U003004358	09011123	FREEWAY FOODS	5345 THOMASTON RD		MACON	GA	LUST, UST
31210	S127739456		CLARENCE H. CLAY, JR.	5375 THOMASTON ROAD		MACON	GA	SWF/LF

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31210	A100327930		NAZA FOOD, INC.	5394 THOMASTON ROAD		MACON	GA	AST
31210	1021540556		LITTLES GAS & GROCERY	6140 THOMASTON RD		MACON	GA	EDR Historical Auto Stations
31210	1006792608	110013620545	LITTLES GROCERY	6140 THOMASTON RD		MACON	GA	FINDS, LUST, UST
31210	U003727925	9011190	TREE CITY #1000542	6199 THOMASTON RD		MACON	GA	UST
31210	A100327980		MARATHON	6199 THOMASTON ROAD		MACON	GA	AST
31210	A100333150		CAROLYN'S MIMI MART	9005 THOMASTON ROAD		MACON	GA	AST
31210	1021613790		DAVIS BEN F GENERAL MDSE	9520 THOMASTON RD	**	MACON	GA	EDR Historical Auto Stations
31210	1021195115		C & C ZIP-O GAS	THOMASTON RD	**	MACON	GA	EDR Historical Auto Stations
31210	1022984007	110070020373	SCARLET OAKS	THOMASTON ROAD	**	MACON	GA	FINDS
31210	1023663221	110070077333	FORESTBROOKE & STRATFORD HILLS S/	THURSTON STREET	**	NA	GA	FINDS
31210	S127234240		FORESTBROOKE & STRATFORD HILLS S/	THURSTON STREET	**	NA	GA	NPDES
31210	1026119231		CHICK-FIL-A #00813 TOM HILL SR. BLVD.	140 TOM HILL SR. BLVD.	AT, SSE, >2	MACON	GA	
31210	S127177608		CHICK-FIL-A #00813 TOM HILL SR. BLVD.	140 TOM HILL SR. BLVD.	AT, SSE, >2	MACON	GA	NPDES
31210	1026390553	110070688234	CHICK-FIL-A #00813 TOM HILL SR. BLVD.	140 TOM HILL SR. BLVD.	AT, SSE, >2	MACON	GA	FINDS
31210	1026684604		SALLY BEAUTY SUPPLY #558	164 TOM HILL SR BLVD	AT, SSE, >2	MACON	GA	
31210	1026494967	GAR000088369	SALLY BEAUTY SUPPLY #558	164 TOM HILL SR BLVD	AT, SSE, >2	MACON	GA	RCRA-CESQG
31210	1026776955	110070902824	SALLY BEAUTY SUPPLY #558	164 TOM HILL SR BLVD	AT, SSE, >2	MACON	GA	FINDS
31210	1016675496	GAR000072959	KROGER #011-0378	220 TOM HILL SR BLVD	BB, SSE, >2	MACON	GA	RCRA-CESQG
31210	1017719082	110058884346	KROGER #011-0378	220 TOM HILL SR BLVD	BB, SSE, >2	MACON	GA	FINDS
31210	U004197872		KROGER 378	220 TOM HILL SR BLVD	BB, SSE, >2	MACON	GA	UST
31210	1012052254		MID-STATE POOLS & SPAS MACON INC	242 TOM HILL SR BLVD	**	MACON	GA	SSTS
31210	1012004928	110038265631	MID-STATE POOLS & SPAS MACON INC	242 TOM HILL SR BLVD	BF, SSE, >2	MACON	GA	FINDS
31210	1014929405		FABRA CARE CLEANERS DRYCLNG PITS	252 TOM HILL ST	BF, SSE, >2	MACON	GA	EDR Historical Cleaners
31210	1014930884		CONOCOPHILLIPS COMPANY	260 TOM HILL SR BLVD	**	MACON	GA	EDR Historical Auto Stations
31210	U003004339	9011104	CONOCO #10084	260 TOM HILL SR BLVD	BF, South, >2	MACON	GA	UST
31210	1006778248	110013475809	CONOCO #10084	260 TOM HILL SR BLVD	BF, South, >2	MACON	GA	FINDS, LUST
31210	A100499149		KAYO OIL COMPANY(MINI FOODS STORE	260 TOM HILL SR. BOULEVARD	BF, South, >2	MACON	GA	AST
31210	1014695409	110041196434	TATTNALL SQUARE ACADEMY	111 TROJAN TRAIL		MACON	GA	ICIS, FINDS
31210	1025478435		SCOTT CONSTRUCTION LLC HOME DESIK	233 TROON WEST		MACON	GA	
31210	S127260809		SCOTT CONSTRUCTION LLC HOME DESIK	233 TROON WEST		MACON	GA	NPDES
31210	1025815127	110070555955	SCOTT CONSTRUCTION LLC HOME DESIK	233 TROON WEST		MACON	GA	FINDS
31210	S109697028		801660-CROWN CASTLE-GA MAC ITR BEL	1421 TUCKER RD		MACON	GA	TIER 2
31210	S117050383		801660 GA MAC ITR BELLSOUTH	1421 TUCKER RD		MACON	GA	TIER 2
31210	1025915567		SCOTT CONSTRUCTION LLC	5002 TUCKER RIDGE		MACON	GA	
31210	S127263375		SCOTT CONSTRUCTION LLC	5002 TUCKER RIDGE		MACON	GA	NPDES
31210	1025984842	110070597486	SCOTT CONSTRUCTION LLC	5002 TUCKER RIDGE		MACON	GA	FINDS
31210	S127269259		PROVIDENCE	865-871 TUFTHUNTER DRIVE	BO, WNW, >2	MACON	GA	NPDES
31210	1026120989		PROVIDENCE	865-871 TUFTHUNTER DRIVE	BO, WNW, >2	MACON	GA	
31210	1026394531	110070694142	PROVIDENCE	865-871 TUFTHUNTER DRIVE	BO, WNW, >2	MACON	GA	FINDS
31210	S127164761		POND REMEDIATION - ONE UNIVERSITY F	UNIVERSITY PARKWAY	**	STATHAM	GA	NPDES
31210	S113244429		BICKLEY CONSTRUCTION COMPANY, INC	2918 VINEVILLE AVENUE		MACON	GA	SWF/LF
31210	A100493948		BELL SOUTH	3962 VINEVILLE AVE		MACON	GA	AST
31210	S117049791		BELLSOUTH - RE030	3962 VINEVILLE AVE		MACON	GA	TIER 2
31210	S118160278		MCI- MCNNGA (VZB- GAMCNGA)	3976 VINEVILLE AVE		MACON	GA	TIER 2
31210	S103908735		SOUTHERN NATURAL GAS	WARNER ROBBINS #1 METER STATION (E		MACON	GA	NON HSI
31210	S127257058		WAVERLY POINT, 28A	719 WAVERLY POINTE		MACOB	GA	NPDES
31210	1024728118		WAVERLY POINT, 28A	719 WAVERLY POINTE		MACOB	GA	
31210	1025448952	110070517830	WAVERLY POINT, 28A	719 WAVERLY POINTE		MACOB	GA	FINDS
31210	1021185395		GORDON BENNETT INC	4826 WESLEYAN WOODS DR		MACON	GA	EDR Historical Auto Stations
31210	U003984258	10000549	RIVERSIDE GOLF AND COUNTRY CLUB	6000 NORTH WESLEYAN DRIVE	BN, NNW, >2	MACON	GA	LUST, UST
31210	93161859			NORTH WESTLAND DR	**	MACON	GA	ERNS
31210	S112371622		RIVERSIDE GOLF & CC	NORTH WESTLAND DRIVE	BN, NNW, >2	MACON	GA	
31210	1014695408	110041196425	WIMBISH ADVENTIST SCHOOL	640 WIMBISH ROAD		MACON	GA	ICIS, FINDS
31210	1026644779		THYSSENKRUPP ELEVATOR CORP	199 WOODFIELD DRIVE		MACON	GA	PRP
31210	S109697146		BARLOWORLD HANDLING LLC	3770 WOODFIELD DRIVE		MACON	GA	TIER 2
31210	97381701			ZEBULIN RD AT VININS DR	**	MACON	GA	ERNS
31210	1006777990	110013473197	TEXACO FOOD MART	6230 ZEBULION ROAD		MACON	GA	FINDS, UST
31210	1020817672		EVANS SERVICE STATION	475 ZEBULION RD	**	MACON	GA	EDR Historical Auto Stations
31210	S127167605		CARLYLE PLACE MAINTENANCE FACILITY	5300 ZEBULON ROAD		MACON	GA	NPDES
31210	1022990539	110070026912	CARLYLE PLACE MAINTENANCE FACILITY	5300 ZEBULON ROAD		MACON	GA	FINDS
31210	S127172198		LOFTS AT ZEBULON	5801 ZEBULON ROAD		MACON	GA	NPDES
31210	1023704878	110070103434	LOFTS AT ZEBULON	5801 ZEBULON ROAD		MACON	GA	FINDS
31210	1026843714		SONNY'S BBQ MACON	5811 ZEBULON ROAD		MACON	GA	
31210	1023660250	110070074361	YOUTH CENTER AND CAFE ADDITION NO	5912 ZEBULON ROAD		MACON	GA	FINDS
31210	U003984257	10000762	KROGER GA 425	5928 ZEBULON RD		MACON	GA	UST

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31210	1017719087		KROGER #000-0425	5928 ZEBULON RD		MACON	GA	
31210	1016675504	110058884426	KROGER #000-0425	5928 ZEBULON RD		MACON	GA	RCRA-CESQG, FINDS
31210	1007453437	110017743441	MURPHY USA #7038	5935 ZEBULON RD		MACON	GA	FINDS
31210	1021894812		MURPHY OIL USA INC	5935 ZEBULON RD		MACON	GA	EDR Historical Auto Stations
31210	U003936454	10000534	MURPHY USA #7038	5935 ZEBULON RD		MACON	GA	UST
31210	A100500528		MURPHY OIL (PLANTATION CENTER)	5935 ZEBULON ROAD		MACON	GA	AST
31210	1010316133	GAR000047035	WALMART SUPERCENTER #2890	5955 ZEBULON RD		MACON	GA	RCRA-CESQG
31210	1010455378	110031333938	WALMART SUPERCENTER #2890	5955 ZEBULON RD		MACON	GA	FINDS
31210	1014929570		STRONG CLEANERS	5972 ZEBULON RD		MACON	GA	EDR Historical Cleaners
31210	1004687489	110005709402	STRONG CLEANERS #2	5972 ZEBULON RD		MACON	GA	RCRA-NonGen, FINDS
31210	1024701963	110070490357	LOWE'S OF N.W. MACON, GA #1016	6011 ZEBULON ROAD		MACON	GA	FINDS
31210	1024164744		LOWE'S OF N.W. MACON, GA #1016	6011 ZEBULON ROAD		MACON	GA	
31210	1024879135	GAR000084228	LOWE'S OF N.W. MACON, GA #1016	6011 ZEBULON ROAD		MACON	GA	RCRAInfo-SQG
31210	S126411412		LOWE'S OF N.W. MACON, GA (#1016)	6011 ZEBULON ROAD, PO BOX 26460		MACON	GA	TIER 2
31210	S121116236		LOWE'S OF N.W. MACON, GA (#1016)	6011 ZEBULON ROAD, PO BOX 26460		MACON	GA	TIER 2
31210	S123104554		LOWE'S OF N.W. MACON, GA (#1016)	6011 ZEBULON ROAD, PO BOX 26460		MACON	GA	TIER 2
31210	S125321284		LOWE'S OF N.W. MACON, GA (#1016)	6011 ZEBULON ROAD, PO BOX 26460		MACON	GA	TIER 2
31210	S118160716		LOWE'S OF N.W. MACON, GA (#1016)	6011 ZEBULON ROAD, PO BOX 26460		MACON	GA	TIER 2
31210	S118839275		LOWE'S OF N.W. MACON, GA (#1016)	6011 ZEBULON ROAD, PO BOX 26460		MACON	GA	TIER 2
31210	S117052996		LOWE'S OF N.W. MACON, GA (#1016)	6011 ZEBULON ROAD, POB 26460		MACON	GA	TIER 2
31210	S108994332		LOWE'S OF N.W. MACON, GA (#1016)	6011 ZEBULON ROAD, POB 26460		MACON	GA	TIER 2
31210	1006778318	110013476504	OSAN MART #20	6204 ZEBULON		MACON	GA	FINDS, LUST, UST
31210	A100495705		COSTAL PETROLEUM #404	6204 ZEBULON ROAD, SUITE B		MACON	GA	AST
31210	A100495167		CIRCLE K #6730	6205 ZEBULON RD		MACON	GA	AST
31210	1006778197	110013475284	CIRCLE K 6730	6205 ZEBULON RD		MACON	GA	FINDS, LUST, UST
31210	1021110615		CLAXTON & ASSOCIATES INC	6230 ZEBULON RD		MACON	GA	EDR Historical Auto Stations
31210	A100327968		MACON SHELL FOOD MART	6230 ZEBULON RD.		MACON	GA	AST
31210	S127168701		FAZOLI'S- BIBB COUNTY	6237 ZEBULON ROAD		MACON	GA	NPDES
31210	1023659878	110070073989	FAZOLI'S- BIBB COUNTY	6237 ZEBULON ROAD		MACON	GA	FINDS
31210	1023625783	110070032816	PROPOSED FREDDY'S	6239 ZEBULON ROAD		MACON	GA	FINDS
31210	U001486691	4110012	CLIFFORD EVANS	6344 ZEBULON RD		MACON	GA	UST
31210	U001486894	4110277	YOUNG AMERICAN MUSIC SCHOOLS	6361 ZEBULON RD		MACON	GA	LUST, UST
31210	1020392062		WILDWOOD COUNTRY STORE	6361 ZEBULON RD		MACON	GA	EDR Historical Auto Stations
31210	A100504724		WILDWOOD COUNTRY STORE (CLOSED)	6361 ZEBULON ROAD		MACON	GA	AST
31210	A100497438		GARY'S FOOD MART	6393 ZEBULON ROAD		MACON	GA	AST
31210	1006792541	110013619879	MACON MARKET INC	6398 ZEBULON RD		MACON	GA	FINDS
31210	2012110976		244 mercer junction	244 mercer junction		MACON	GA	HMIRS
31210	2012101908		244 mercer junction	244 mercer junction		MACON	GA	HMIRS
31211	1022877219		ORANGEBURG QUARRY		**		SC	
31211	1022877198		MYRTLE BEACH QUARRY		**		SC	
31211	S125442151		519, 527 & 665 NORTH AVENUE	519, 527 & 665 NORTH AVE.	**	MACON	GA	BROWNFIELDS
31211	1021223693		LISTONS GROCERY	RR 14	**	MACON	GA	EDR Historical Auto Stations
31211	1020788458		LISTONS GROCERY	RT 14 MILLERFIELD RD	**	MACON	GA	EDR Historical Auto Stations
31211	A100497627		GLO OIL COMPANY	ROUTE 20, BOX 352-A (CLOSED)	**	MACON	GA	AST
31211	A100499818		MADDOX GROCERY	ROUTE 27, BOX 40 (COULTER'S LAKE RD.	**	MACON	GA	AST
31211	A100499019		JONES FOOD PRIDE/LISTONS GAS INC	101 HIGHWAY 49	**	MACON	GA	AST
31211	U004197902		MICHAEL E GILBERT	1353 HIGHWAY 49 N	**	MACON	GA	UST
31211	A100327841		P.K. FOODS INC. (CLOSED)	158 HIGHWAY 49 N	**	MACON	GA	AST
31211	U004117492		GARY'S FOOD STORE	158 HWY 49	**	MACON	GA	UST
31211	1021243537		PK LSP INC	290 HIGHWAY 49	**	MACON	GA	EDR Historical Auto Stations
31211	A100332413		LISTON'S GROCERY	290 HIGHWAY 49	**	MACON	GA	AST
31211	1006795380	110013648455	LISTONS GROCERY	290 HWY 49	**	MACON	GA	FINDS
31211	U001481218	840017	LISTONS GROCERY	290 HWY 49	**	MACON	GA	UST
31211	1025808438	110070010763	PEACOCKS AUTO SALVAGE	919 HW 49	**	MACON	GA	FINDS
31211	1024178354		PEACOCKS AUTO SALVAGE	919 HW 49	**	MACON	GA	
31211	S125320264		PEACOCKS AUTO SALVAGE	919 HW 49	**	MACON	GA	NPDES
31211	1021671225		KELLYS FOOD & GAS INC	HIGHWAY 49	**	MACON	GA	EDR Historical Auto Stations
31211	1021091916		KELLYS FOOD & GAS	HIGHWAY 49 JONES CNTY	**	MACON	GA	EDR Historical Auto Stations
31211	1006781145	110013505082	KELLY'S FOOD & GAS	HWY 49	**	MACON	GA	FINDS
31211	1021919532		MADDOX GROCERY	RT 5 UPPER RIVER ROAD	**	MACON	GA	EDR Historical Auto Stations
31211	A100332410		ATLANTA GAS LIGHT COMPANY	RT. 6, HENDERSON ROAD	**	MACON	GA	AST
31211	1006781124	110013504877	MORGAN'S MINUTE MARKET	RT 9 JOYCLIFF RD	**	MACON	GA	FINDS

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
31211	1026849684		ALPINE DRIVE	190 ALPINE DR.		MACON	GA	
31211	1000351436	GAD981224454	KROGER #011-0328	660 NORTH AVE		MACON	GA	RCRA-CESQG
31211	1023386525	110066981797	KROGER #011-0328	660 NORTH AVENUE		MACON	GA	FINDS
31211	1018358422		KROGER #011-0328	660 NORTH AVENUE		MACON	GA	
31211	S116495862		HIGHLAND CLEANERS	691 NORTH AVENUE		MACON	GA	DRYCLEANERS
31211	1014928944		STANLEY STEEMER CPT & UPHLSTRY CL	750 BACONSFIELD DR		MACON	GA	EDR Historical Cleaners
31211	1010350301	110030910664	SHAHEEN REALTY COMPANY	776 BACONSFIELD DRIVE, SUITE 210		MACON	GA	FINDS
31211	A100495551		COLONIAL OIL COMPANY	2131 BARNES FERRY ROAD		MACON	GA	AST
31211	S112374117		GA POWER	2064 BAY WATER DRIVE		MACON	GA	
31211	1014931301		CURRYS GARAGE AUTO REPR	3107 BETHUNE AVE		MACON	GA	EDR Historical Auto Stations
31211	1018926182		VIP CLEANERS	3127 BETHUNE AVE		MACON	GA	EDR Historical Cleaners
31211	S127185832		PI# 0010412, SR BRIDGE REPLACEMENT (SR BRIDGE REPLACEMENT OVER NORFC	**	MACON	GA	NPDES
31211	1023660567	110070074678	PI# 0010412, SR BRIDGE REPLACEMENT (SR BRIDGE REPLACEMENT OVER NORFC	**	MACON	GA	FINDS
31211	1026117458		BELLSOUTH TELECOMMUNICATIONS, LLC	WEST CENTRAL DISTRICT	**	MACON	GA	
31211	1026388914	110070686427	BELLSOUTH TELECOMMUNICATIONS, LLC	WEST CENTRAL DISTRICT	**	MACON	GA	FINDS
31211	1020075954		ROBERTSONS CLEANERS	1086 CLINTON RD		MACON	GA	EDR Historical Cleaners
31211	1006775613	110013449116	MARKET PLACE #2	1091 CLINTON RD		MACON	GA	AST, FINDS, UST
31211	A100493188		AK EXPRESS	1091 CLINTON STREET		MACON	GA	AST
31211	1020729583		STOP & BUY	1895 CLINTON RD APT C7		MACON	GA	EDR Historical Auto Stations
31211	A100327849		THE BIBB COMPANY(CLOSED)	155 COLISEUM		MACON	GA	AST
31211	S107752089	302100194	SWIFT CREEK ENVIRONMENTAL	4200 DAVIS RD		MACON	GA	AIRS, NPDES, TIER 2, SWF/LF
31211	1006799587		SWIFT CREEK ENVIRONMENTAL	4200 DAVIS RD		MACON	GA	ICIS
31211	1021189300		SHREE GNANYAGNA INC	239 EAGLE DR		MACON	GA	EDR Historical Auto Stations
31211	U004250142		KAKAS FOOD MART	2630 EMERY HWY		MACON	GA	UST
31211	A100503284		SPUR	727 EMERY HIGHWAY		MACON	GA	AST
31211	1022167036		WESLEYAN UNION 76	453L FORSYTH ROAD	**	MACON	GA	EDR Historical Auto Stations
31211	A100490161		HASKINS DIEZEL	314 GARRISON ROAD	**	MACON	GA	AST
31211	A100499666		LISTON'S GROCERY	290 GEORGIA HIGHWAY 49	**	MACON	GA	AST
31211	1018111696		JAMES AUBREY GORE	306 GEORGIA HIGHWAY 49	**	MACON	GA	
31211	1017815780	110064428748	JAMES AUBREY GORE	306 GEORGIA HIGHWAY 49	**	MACON	GA	FINDS
31211	1000504633	110005691206	10 MINUTE LUBE EAST MACON INC	1045 GRAY HWY		MACON	GA	RCRA-NonGen, FINDS
31211	S116496475		TOWN AND COUNTRY CLEANERS	1048 GRAY HIGHWAY		MACON	GA	DRYCLEANERS
31211	1000117488	110005674038	ONE HOUR MARTINIZING	1048 GRAY HWY		MACON	GA	RCRA-NonGen, FINDS
31211	S121199943		ONE HOUR MARTINIZING (FORMER)	1060 GRAY HIGHWAY		MACON	GA	NON HSI
31211	A100499945		MANNINGS BAIT & TACKLE	1225 GRAY HIGHWAY		MACON	GA	AST
31211	1020976819		MANNINGS BAIT & TACKLE	1225 GRAY HWY		MACON	GA	EDR Historical Auto Stations
31211	1014930015		MIDAS AUTO SERVICE EXPERTS	1230 GRAY HWY		MACON	GA	EDR Historical Auto Stations
31211	1015918304	110045538209	CVS PHARMACY #7212	1271 GRAY HIGHWAY		MACON	GA	FINDS
31211	1014952177	GAR000064600	CVS PHARMACY #7212	1271 GRAY HIGHWAY		MACON	GA	RCRA-CESQG
31211	U003727922	09011186	GRAY SHURLING CORP	1271 GRAY HWY		MACON	GA	LUST, UST
31211	A100499750		LUCKY FOOD MART	1290 GRAY HIGHWAY		MACON	GA	AST
31211	1000507888	110005700580	STAMPS EXXON	1290 GRAY HWY		MACON	GA	RCRA-NonGen, FINDS
31211	1006792579	110013620251	FRIENDLY GUS #17	1290 GRAY HWY		MACON	GA	FINDS, LUST, UST
31211	U004141576		MURPHY EXPRESS #8519	1336 GRAY HWY		MACON	GA	UST
31211	S127739468		ANCHOR MARINE INC.	1343 GRAY HIGHWAY		MACON	GA	SWF/LF
31211	S127739461		ANCHOR MARINE INERT LANDFILL	1343 GRAY HWY		MACON	GA	SWF/LF
31211	A100357559		WALMART	1401 GRAY HIGHWAY		MACON	GA	AST
31211	1004688222	110005719909	WALMART SUPERCENTER #1076	1401 GRAY HWY		MACON	GA	RCRA-CESQG, FINDS
31211	1021086111		MURPHY OIL USA INC	1402 GRAY HWY		MACON	GA	EDR Historical Auto Stations
31211	A100327950		IN & OUT EXPRESS MART	1980 GRAY HIGHWAY		MACON	GA	AST
31211	1021772608		MINI-FOOD STORES INC	1980 GRAY HWY		MACON	GA	EDR Historical Auto Stations
31211	1014930437		MASTER TRANSMISSIONS INC	2221 GRAY HWY		MACON	GA	EDR Historical Auto Stations
31211	U001489800	9011014	LAND-O-SUN	225 GRAY HWY		MACON	GA	UST
31211	A100327857		PARMALAT/ATLANTA DAIRIES (CLOSED)	2255 GRAY HIGHWAY(CLOSED)		MACON	GA	AST
31211	1010350302	110030910673	HIGHLAND HILLS APARTMENTS	2275 GRAY HIGHWAY		MACON	GA	FINDS
31211	U001492161	9084010	OSAN CARD LOCK #4	2496 GRAY HWY		MACON	GA	LUST, UST
31211	1006776180	110013454804	OSAN CARD LOCK #4	2496 GRAY HWY		MACON	GA	FINDS
31211	S117049507		REEVES CONSTRUCTION COMPANY - MA	2500 GRAY HIGHWAY		MACON	GA	TIER 2
31211	1009521696		REEVES CONSTRUCTION COMPANY	2500 GRAY HIGHWAY		MACON	GA	FTTS
31211	S107774739	FATR200626MK2E0029SQ	-- REEVES CONSTRUCTION COMPANY	MACON OFFICE / SHOP -- 2500 GRAY HIGHWA		MACON	GA	NPDES, TIER 2, SWF/LF
31211	1022981015	110070017378	REEVES CONSTRUCTION CO.	2500 GRAY HWY		MACON	GA	FINDS

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
31211	U001492159	9084008	REEVES CONSTRUCTION CO	2500 GRAY HWY		MACON	GA	UST
31211	1021330675		STEPHENS J L LUBRICANTS	2515 GRAY HWY		MACON	GA	EDR Historical Auto Stations
31211	A100332428		WALTHALL BAIT & TACKLE	2601 GRAY HIGHWAY		MACON	GA	AST
31211	1021246513		WALTHALL OIL COMPANY	2601 GRAY HWY		MACON	GA	EDR Historical Auto Stations
31211	1006781140	110013505037	PARMAR UNITED INC	2601 GRAY HWY		MACON	GA	FINDS, UST
31211	U004117317		GOD WORSHIP CENTER	2668 GRAY HWY		MACON	GA	LUST, UST
31211	A100497814		GRAY BAIT & TACKLE	2676 GRAY HIGHWAY		MACON	GA	AST
31211	1021675714		MOORE JOHN	2676 GRAY HWY		MACON	GA	EDR Historical Auto Stations
31211	1006776161	110013454617	PAPA JOHNS TOO	2676 GRAY HWY		MACON	GA	FINDS, UST
31211	A100332432		CHEVRON FOOD MART	2810 GRAY HIGHWAY		MACON	GA	AST
31211	S107774347	FATR20064X5TM500M5KA -- NES RENTALS - B058 -- 2861 GRAY HIGHWAY				MACON	GA	TIER 2
31211	U001486722	04110050	PAUL'S FINA/PAUL'S SVC	705 GRAY HWY		MACON	GA	LUST, UST
31211	1000507743	1100005699814	MACON CUSTOM SIGNS INC	765 GRAY HWY		MACON	GA	RCRA-NonGen, FINDS
31211	A100495301		CITGO FOOD MART #1	855 GRAY HIGHWAY		MACON	GA	AST
31211	U001489801	9011015	BARNEY A SMITH/LINCOLN-MERCURY	950 GRAY HWY		MACON	GA	UST
31211	1014929934		A AUTO CLINIC OF MACON GENL AUTO R	965 GRAY HWY		MACON	GA	EDR Historical Auto Stations
31211	1014929975		TEXACO GAS SERV STA	980 GRAY HWY		MACON	GA	EDR Historical Auto Stations
31211	U001486797	4110158	TOMMYS RECAPS INC	980 GRAY HWY		MACON	GA	UST
31211	A100327909		FLASH FOODS #262	997 GRAY HIGHWAY		MACON	GA	AST
31211	1006791658	110013610985	FLASH FOODS #262	997 GRAY HWY		MACON	GA	TIER 2, FINDS, LUST, UST
31211	1020441680		SUNOCO INC	997 GRAY HWY		MACON	GA	EDR Historical Auto Stations
31211	S117054111		FLASH FOODS # 262	997 GRAY HWY		MACON	GA	TIER 2
31211	S112373130		REEDS PAVING & CONST	GRAY HIGHWAY		MACON	GA	
31211	A100504722		WILDLIFE SPORTS, INC.	GRAY HIGHWAY & JOYCLIFF ROAD	**	MACON	GA	AST
31211	S127173904		C.W. CONTRACTING CO. INC. - APPLING B	GRAY HIGHWAY AND JOYCLIFF ROAD	**	MACON	GA	NPDES
31211	1024439082	110070362123	C.W. CONTRACTING CO. INC. - APPLING B	GRAY HIGHWAY AND JOYCLIFF ROAD	**	MACON	GA	FINDS
31211	S127184285		STP00-0004-02(031), PI# 322540 (EPD-WCI	GRAY NORTH BYPASS FROM SR 18 NORT	**	NA	GA	NPDES
31211	1022970189	110070006535	STP00-0004-02(031), PI# 322540 (EPD-WCI	GRAY NORTH BYPASS FROM SR 18 NORT	**	NA	GA	FINDS
31211	U004188286		JAIMIN FOOD MART	4017 HARTLEY BRIDGE RD		MACON	GA	UST
31211	1022002668		KELLYS FOOD & GAS INC	158 GA HIGHWAY 49	**	MACON	GA	EDR Historical Auto Stations
31211	1021128985		P K LSP INC	290 GA HIGHWAY 49	**	MACON	GA	EDR Historical Auto Stations
31211	S109508260		REEVES CONSTRUCTION COMPANY - MA	GA HIGHWAY 49 NORTH		MACON	GA	TIER 2
31211	S117049503		REEVES CONSTRUCTION COMPANY - MA	GA HIGHWAY 49 NORTH		MACON	GA	TIER 2
31211	1021586592		SNYDER KIM	INTSEC OF HWY 49 & HWY 18	**	MACON	GA	EDR Historical Auto Stations
31211	1020501944		SNYDER KIM	INTSEC OF HWY 49 HWY 18	**	MACON	GA	EDR Historical Auto Stations
31211	1000461256	110005689521	FLASH FOODS #159	1208 JEFFERSONVILLE RD		MACON	GA	RCRA-NonGen, FINDS
31211	A100500462		MR. C'S #12	1208 JEFFERSONVILLE ROAD		MACON	GA	AST
31211	S107750707	302100172	GEORGIA WIRE PRODUCTS	900 JOE TAMPLIN BLVD		MACON	GA	AIRS
31211	1006776168	110013454680	C M MARKET	3437 JOY CLIFF RD		MACON	GA	FINDS
31211	U003006676	9084022	C M MARKET	3437 JOY CLIFF RD		MACON	GA	LUST, UST
31211	A100494538		C & M MARKET	3437 JOY CLIFF ROAD		MACON	GA	AST
31211	1014929939		C EAST SIDE TRANSMISSION AUTO TRAN	2901 JOYCLIFF RD		MACON	GA	EDR Historical Auto Stations
31211	1006775600	110013448983	C&J #2	2901 JOYCLIFF RD		MACON	GA	FINDS, LUST, UST
31211	S107751202	302100201	MACON WIRE COMPANY	2913 JOYCLIFF ROAD		MACON	GA	AIRS
31211	1005681353	110005970743	MACON WIRE COMPANY	2913 JOYCLIFF ROAD		MACON	GA	FINDS
31211	1004688259	110006399584	SWECO/MACON WIRE COMPANY	2919 JOYCLIFF RD		MACON	GA	RCRA-CESQG, FINDS
31211	1018327826	110070262174	SWECO/MACON WIRE CO	2919 JOYCLIFF RD		MACON	GA	FINDS
31211	S110694479		SWECO/MACON WIRE COMPANY	2919 JOYCLIFF ROAD		MACON	GA	NPDES
31211	U003006675	9084021	S N FOOD MART	3402 JOYCLIFF RD		MACON	GA	UST
31211	1020845219		C & M MARKET	3437 JOYCLIFF RD		MACON	GA	EDR Historical Auto Stations
31211	1022841468		SUDDETH PLANT	92 LAMAR ROAD	**	BUTLER	GA	
31211	1006781181	110013505448	AGGREGATES USA LLC	1263 LITE & TIE RD		MACON	GA	FINDS, LUST, UST
31211	1014931365		WHOLESALE AUTOMATICS GENL AUTO R	987 LITE NORTH TIE RD		MACON	GA	EDR Historical Auto Stations
31211	2009051463		LITE N TIE ROAD	LITE N TIE ROAD	**	MACON	GA	HMIRS
31211	S127154171		AGGREGATES USA, LLC - POSTELL QUAF	1263 LITE-N-TIE RD		MACON	GA	NPDES
31211	1022973216	110070009565	AGGREGATES USA, LLC - POSTELL QUAF	1263 LITE-N-TIE RD		MACON	GA	FINDS
31211	S121800433		REEVES CONSTRUCTION CO.	1263 LITE-N-TIE RD		MACON	GA	AST, AIRS

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
31211	S127007530		REEVES CONSTRUCTION CO.	1263 LITE-N-TIE RD		MACON	GA	NPDES
31211	S110591804		AGGREGATES USA - HITCHCOCK QUARR	1263 LITE-N-TIE RD		MACON	GA	TIER 2
31211	1004462313	110001422719	AGGREGATES USA (MACON), LLC	1263 LITE-N-TIE ROAD		MACON	GA	ICIS, FINDS
31211	S121797329		AGGREGATES USA (MACON), LLC	1263 LITE-N-TIE ROAD		MACON	GA	AIRS
31211	S127007007		MACON QUARRY	1263 LITE-N-TIE ROAD		MACON	GA	NPDES
31211	S127007757		AGGREGATES USA, LLC (MACON QUARR	1263 LITE-N-TIE ROAD		MACON	GA	NPDES
31211	S125320398		REEVES CONSTRUCTION COMPANY	20 LITE-N-TIE ROAD	**	MACON	GA	NPDES
31211	1004460820	110010319798	REEVES CONSTRUCTION CO.	LITE-N-TIE RD	**	MACON	GA	FINDS
31211	U001481223	840022	HITCHCOCK QUARRY	LITE-N-TIE RD		MACON	GA	UST
31211	S107751687	316900011	REEVES CONSTRUCTION CO.	LITE-N-TIE RD	**	MACON	GA	AIRS
31211	1020999953		MOODY CARLOS M SR	681 LUKE SMITH RD		MACON	GA	EDR Historical Auto Stations
31211	1026865858		RIVER NORTH, HEALY PLANTATION	206 MADISON SOUTH DR.		MACON	GA	
31211	1000859918	110005278476	MACON HOUSING AUTHORITY DAVIS HOI	905 MAIN ST		MACON	GA	RCRA-NonGen, FINDS
31211	1020846019		WALTHALL OIL COMPANY	430 MILLEDGEVILLE RD	**	MACON	GA	EDR Historical Auto Stations
31211	1006794621	110013640809	49 MINIT MART	430 MILLEDGEVILLE RD	**	MACON	GA	FINDS
31211	U003004366	9011131	49 MINIT MART CONVENIENCE STORE	430 MILLEDGEVILLE ROAD		MACON	GA	TIER 2, UST
31211	1021697148		WDEN FM TRANSMITTER STATI	MILLEDGEVILLE RD	**	MACON	GA	EDR Historical Auto Stations
31211	U004271655		EXXON FOOD MART	3170 MILLERFIELD RD		MACON	GA	LUST, UST
31211	1014931309		DOUGS CYLINDER HEAD SERVICE AUTO	3470 MILLERFIELD RD		MACON	GA	EDR Historical Auto Stations
31211	1022124007		LISTONS GROCERY	MILLERFIELD RD	**	MACON	GA	EDR Historical Auto Stations
31211	95283236			2752 NEW CLINTON RD		MACON	GA	ERNS
31211	S125321217		GRAY HIGHWAY STC	2576 OLD GRAY HWY		MACON	GA	TIER 2
31211	S121116256		GRAY HIGHWAY STC	2675 OLD GRAY HWY		MACON	GA	TIER 2
31211	S127740550		ALLEN C. LOYD, INC.	2696 OLD GRAY HIGHWAY		MACON	GA	SWF/LF
31211	S127739462		WILLIE BATTLE INERT LANDFILL	362-B OLD CLINTON ROAD	**	MACON	GA	SWF/LF
31211	1000362824	110005681832	HARRISONS BODY SHOP INC	900 OLD CLINTON RD		MACON	GA	RCRAInfo-SQG, FINDS
31211	1011839795		TOWN CREEK WATER TREATMENT FACIL	2581 NORTH PIERCE RD.		MACON	GA	RMP
31211	1019960016		COLLINS CLEANERS INC	510 PLANTATION CT	**	MACON	GA	EDR Historical Cleaners
31211	U001492162	9084011	RIVER NORTH CC INC	1 RIVER NORTH BLVD	104, SE, 1 - 2	MACON	GA	UST
31211	1020500777		CANONGATE GULF	293 RIVER NORTH BLVD		MACON	GA	EDR Historical Auto Stations
31211	1016163439		AMERSON WTP	703 RIVER BEND ROAD		MACON	GA	
31211	1011839796		TOWN CREEK WATER TREATMENT PLAN	703 RIVER BEND ROAD		MACON	GA	RMP
31211	S121797443		AMERSON WATER TREATMENT PLANT	703 RIVER BEND ROAD		MACON	GA	AIRS, TIER 2
31211	1016171990		AMERSON WATER TREATMENT PLANT	703 RIVER BEND ROAD		MACON	GA	RMP
31211	1011815425		AMERSON WATER TREATMENT PLANT	703 RIVER BEND ROAD		MACON	GA	RMP
31211	1016299159	110011888733	XXX	933 RIVER NORTH BLVD	W, SSE, 1 - 2	MACON	GA	FINDS
31211	1005624647		XXX	933 RIVER NORTH BLVD	W, SSE, 1 - 2	MACON	GA	FTTS
31211	1017791316	110011331326	MACON WATER AUTHORITY - FRANK C. A	703 RIVERBEND DR		MACON	GA	FINDS
31211	S125319956		MACON WATER AUTHORITY (FRANK C. AI	703 RIVERBEND DR		MACON	GA	NPDES
31211	1017447004	110013763230	AMERSON WATER TREATMENT PLANT	703 RIVERBEND DR		MACON	GA	FINDS
31211	S117050099		FRANK C. AMERSON, JR. (TOWN CREEK) \	703 RIVERBEND ROAD		MACON	GA	TIER 2
31211	S107773351	FATR20061ZDB3X002562 --	FRANK C. AMERSON, JR. (TOWN CREEK) \	703 RIVERBEND ROAD		MACON	GA	TIER 2
31211	1023704975	110070103532	MACON TO MILLEDGEVILLE RE-ROUTE (E	RIVERSIDE DRIVE AND ARKWRIGHT ROA	AX, SSE, 1 - 2	MACON	GA	FINDS
31211	S127186062		MACON TO MILLEDGEVILLE RE-ROUTE (E	RIVERSIDE DRIVE AND ARKWRIGHT ROA	**	MACON	GA	NPDES
31211	1004688049	110005283889	MACON TNG ST GAARNG ARMORY	1030 SHURLING DR		MACON	GA	RCRA-CESQG, FINDS
31211	1006778285	90111072	GA MILITARY INSTITUTE	1030 SHURLING DR		MACON	GA	UST
31211	1026842666		THOMPSON STADIUM PARKING LOT	1210 SHURLING DRIVE		MACON	GA	
31211	1022983742	110070020108	KING- DANFORTH ELEMENTARY SCHOOL	1301 SHURLING DRIVE		MACON	GA	FINDS
31211	S127166554		KING- DANFORTH ELEMENTARY SCHOOL	1301 SHURLING DRIVE		MACON	GA	NPDES
31211	1014930475		PARKER AUTOMOTIVE AUTO REPR SHOF	1878 SHURLING DR		MACON	GA	EDR Historical Auto Stations
31211	S104252809		PARKER AUTOMOTIVE	1878 SHURLING DRIVE		MACON	GA	NON HSI, SPILLS
31211	1000248335	110005672487	DIXIE CLEANERS	1882 SHURLING DR		MACON	GA	DRYCLEANERS, RCRA-NonGen, FINDS
31211	1006775790	110013450899	SHURLINGTON FOOD MART	1890 SHURLING DR		MACON	GA	NON HSI, FINDS, LUST
31211	U003936398	4110273	QF FOOD MART	1890 SHURLING DR		MACON	GA	UST
31211	A100327995		SHURLINGTON FOOD MART	1890 SHURLING DRIVE		MACON	GA	AST
31211	1014929707		SCOTTYS MUFFLER BRAKE & LUBE MUFF	1900 SHURLING DR		MACON	GA	EDR Historical Auto Stations
31211	U004141841		CITGO FOOD MART	1904 SHURLING DR		MACON	GA	LUST, UST
31211	A100355227		SHURLING GAS & FOOD STORE	1904 SHURLING DRIVE		MACON	GA	AST
31211	S127167240		FAMILY DOLLAR #227	2035 SHURLING DRIVE		MACON	GA	NPDES
31211	U004197807		QUICK SERVE	2260 SHURLING DR		MACON	GA	UST
31211	U004060691	10001093	49ER FOOD MART	2440 SHURLING DR		MACON	GA	UST
31211	U001493436	110431	BAY #117	2904 SHURLING DR		MACON	GA	UST

EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
31211	1006791496	110013609345	BAY #117	2904 SHURLING DR		MACON	GA	FINDS, LUST
31211	A100496144		DIXIE FOODS	2904 SHURLING DRIVE		MACON	GA	AST
31211	1004688050	110005283898	HENRY D. RUSSELL READINESS CENTER	475 SHURLING DR		MACON	GA	RCRA-CESQG, FINDS
31211	U001486808	4110173	JET FOOD STORE OF GA INC #49	610 SHURLING DR		MACON	GA	LUST, UST
31211	1006792637	110013620830	JET FOOD STORE OF GA INC #49	610 SHURLING DR		MACON	GA	FINDS
31211	1014929020		MALOYS QUALITY CLEANERS LLC	616 SHURLING DR		MACON	GA	EDR Historical Cleaners
31211	A100327962		HORNET #6	621 SHURLING DRIVE		MACON	GA	AST
31211	1006778407	110013477399	SHELL FOOD MART	627 SHURLING DR		MACON	GA	FINDS, LUST, UST
31211	A100502966		SHRUTI FOODMART	627 SHURLING DRIVE		MACON	GA	AST
31211	1006792409	110013618530	GOODYEAR	737 SHURLING DR		MACON	GA	FINDS, LUST
31211	U003551170	4110340	GOODYEAR	737 SHURLING DR		MACON	GA	
31211	1006775671	110013449697	SAAHIL GROUP INC	815 SHURLING DR		MACON	GA	FINDS
31211	U001486918	4110308	INSHA PROPERTY LLC	815 SHURLING DR		MACON	GA	LUST, UST
31211	A100504643		WELCOME	815 SHURLING DRIVE		MACON	GA	AST
31211	1014929994		KELLYS FOOD & GAS INCORPORATED G/	158 GA ST	**	MACON	GA	EDR Historical Auto Stations
31211	1022050597		CASSIDYS GARAGE	993 SUMMIT AVE		MACON	GA	EDR Historical Auto Stations
31211	1010344979	110030904092	BACONSFIELD I & II	720 TIDEWATER CIRCLE, SUITE 24		MACON	GA	FINDS
31211	1010350852	110030907972	THE OAKS APARTMENTS	2360 TREDWAY DRIVE		MACON	GA	ICIS, FINDS
31211	1024135682		RENOVATIONS AND ADDITIONS TO NORT	1646 UPPER RIVER ROAD		MACON	GA	
31211	1024232636	110070674077	ATHLETIC FIELDS IMPROVEMENTS TO NC	1646 UPPER RIVER ROAD		MACON	GA	FINDS
31211	S127173222		RENOVATIONS AND ADDITIONS TO NORT	1646 UPPER RIVER ROAD		MACON	GA	NPDES
31211	1026030578		ATHLETIC FIELDS IMPROVEMENTS TO NC	1646 UPPER RIVER ROAD		MACON	GA	
31211	S127177319		ATHLETIC FIELDS IMPROVEMENTS TO NC	1646 UPPER RIVER ROAD		MACON	GA	NPDES
31211	S127739457		JOHN S. WARCHAK, TRUSTEE FOR WARC	2341 UPPER RIVER ROAD		MACON	GA	SWF/LF
31211	1006781227	09084001	J F MADDOX - MADDOX GROCERY	2982 UPPER RIVER RD		MACON	GA	LUST, UST
31211	1014694742	110040715465	MADDOX GROCERY; 9084001	2982 UPPER RIVER ROAD		MACON	GA	FINDS
31211	U003920900	9084040	TOWN CREEK FOOD SHOP & GAS	3061 UPPER RIVER RD		MACON	GA	UST
31211	1020239496		LITTLE TOWN CREEK FD SP & GAS	3061 UPPER RIVER RD		MACON	GA	EDR Historical Auto Stations
31211	1006771646	110013409212	MADDOX GROCERY D/B/A LIL TOWN CR	3061 UPPER RIVER RD		MACON	GA	FINDS
31211	1022138236		JONES COUNTY DIST 6 FIRE STATI	3849 UPPER RIVER RD		MACON	GA	EDR Historical Auto Stations
31211	1021510079		LITTLE TOWN CREEK FD SP & GAS	UPPER RIVER RD	**	MACON	GA	EDR Historical Auto Stations
31211	2004718276		JOHN HERNDON SERV STA	105 WALNUT RIDGE DRIVE	**	MACON	GA	ERNS
31211	1020964944			937 WALNUT RIDGE DR	**	MACON	GA	EDR Historical Auto Stations

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/10/2022
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/10/2022
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 800-424-9346
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/24/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021	Source: EPA
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-424-9346
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 09/15/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/03/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (404) 562-8651
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 09/15/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/03/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (404) 562-8651
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 09/15/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/03/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (404) 562-8651
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 09/15/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/03/2022
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (404) 562-8651
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 09/15/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/03/2022
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/12/2021	Source: Department of the Navy
Date Data Arrived at EDR: 08/06/2021	Telephone: 843-820-7326
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/08/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/18/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/06/2022
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/19/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 61

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Hazardous Site Inventory

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/01/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 80

Source: Department of Environmental Protection
Telephone: 404-657-8600
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Annually

NON HSI: Non-Hazardous Site Inventory

This list was obtained by EDR in 1998 and contains property listings that have reported contamination of soil or groundwater under the Georgia Hazardous Site Response Act (HSRA). These sites were not placed on the Georgia Priority list (Hazardous Site Inventory or HSI) because their hazard evaluation scores did not exceed the threshold levels established for sites posing an imminent threat to health or the environment. Disclaimer provided by Rindt-McDuff Associates - the database information has been obtained from publicly available sources produced by other entities. While reasonable steps have been taken to insure the accuracy of the data, RMA does not guarantee the accuracy of the data. No claim is made for the actual existence of pollution at any site. This data does not constitute a legal opinion.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 08/06/2021
Number of Days to Update: 3

Source: Rindt-McDuff Associates, Inc.
Telephone: N/A
Last EDR Contact: 10/04/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Disposal Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/21/2021
Date Data Arrived at EDR: 07/23/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 98

Source: Department of Natural Resources
Telephone: 404-362-2696
Source: Center for GIS, Georgia Institute of Technology
Telephone: 404-385-0900
Last EDR Contact: 10/28/2021
Next Scheduled EDR Contact: 02/06/2022
Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: List of Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/08/2021	Source: Environmental Protection Division
Date Data Arrived at EDR: 08/05/2021	Telephone: 404-362-2687
Date Made Active in Reports: 10/27/2021	Last EDR Contact: 12/10/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/17/2021	Source: EPA Region 6
Date Data Arrived at EDR: 06/11/2021	Telephone: 214-665-6597
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-8677
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/06/2021	Source: EPA, Region 5
Date Data Arrived at EDR: 06/11/2021	Telephone: 312-886-7439
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/27/2021	Source: EPA Region 10
Date Data Arrived at EDR: 06/11/2021	Telephone: 206-553-2857
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/27/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/11/2021	Telephone: 415-972-3372
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021	Source: EPA Region 8
Date Data Arrived at EDR: 06/11/2021	Telephone: 303-312-6271
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2021	Source: EPA Region 7
Date Data Arrived at EDR: 06/11/2021	Telephone: 913-551-7003
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021	Source: FEMA
Date Data Arrived at EDR: 02/17/2021	Telephone: 202-646-5797
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 11/01/2021
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/08/2021	Source: Environmental Protection Division
Date Data Arrived at EDR: 08/05/2021	Telephone: 404-362-2687
Date Made Active in Reports: 08/27/2021	Last EDR Contact: 12/10/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Annually

AST: Above Ground Storage Tanks
A listing of LP gas tank site locations.

Date of Government Version: 05/13/2020	Source: Office of Insurance & Safety Fire Commissioner
Date Data Arrived at EDR: 05/14/2020	Telephone: 404-656-5875
Date Made Active in Reports: 08/06/2020	Last EDR Contact: 11/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: No Update Planned

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021	Source: EPA Region 10
Date Data Arrived at EDR: 06/11/2021	Telephone: 206-553-2857
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/28/2021	Source: EPA, Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-9424
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/17/2021	Source: EPA Region 6
Date Data Arrived at EDR: 06/11/2021	Telephone: 214-665-7591
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021	Source: EPA Region 5
Date Data Arrived at EDR: 06/11/2021	Telephone: 312-886-6136
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 06/01/2021	Source: EPA Region 7
Date Data Arrived at EDR: 06/11/2021	Telephone: 913-551-7003
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2021	Source: EPA Region 9
Date Data Arrived at EDR: 06/11/2021	Telephone: 415-972-3368
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/27/2021	Source: EPA Region 8
Date Data Arrived at EDR: 06/11/2021	Telephone: 303-312-6137
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Public Record List

Sites on the Public Record Listing that have institutional controls or limitations on use are sites with Risk Reduction Standards of 3, 4, and 5.

Date of Government Version: 07/30/2021	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/30/2021	Telephone: 404-657-8600
Date Made Active in Reports: 10/21/2021	Last EDR Contact: 11/03/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Varies

AUL: Uniform Environmental Covenants

A list of environmental covenants

Date of Government Version: 07/30/2021	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/30/2021	Telephone: 404-657-8600
Date Made Active in Reports: 10/21/2021	Last EDR Contact: 11/03/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/15/2021
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/03/2022
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program site

Georgia's Voluntary Remediation Program Act was created to encourage voluntary investigation and remediation of contaminated properties.

Date of Government Version: 08/26/2021	Source: DNR
Date Data Arrived at EDR: 08/31/2021	Telephone: 404-657-8600
Date Made Active in Reports: 11/22/2021	Last EDR Contact: 11/16/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Public Record List

The Brownfields Public Record lists properties where response actions under the Georgia Hazardous Site Reuse and Redevelopment Act are planned, ongoing or completed.

Date of Government Version: 07/30/2021	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/30/2021	Telephone: 404-657-8600
Date Made Active in Reports: 10/21/2021	Last EDR Contact: 11/03/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/10/2021	Telephone: 202-566-2777
Date Made Active in Reports: 08/17/2021	Last EDR Contact: 12/08/2021
Number of Days to Update: 68	Next Scheduled EDR Contact: 03/28/2022
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Center Listing

A listing of recycling facility locations.

Date of Government Version: 09/20/2021	Source: Department of Community Affairs
Date Data Arrived at EDR: 09/21/2021	Telephone: 404-679-1598
Date Made Active in Reports: 12/10/2021	Last EDR Contact: 09/21/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 01/03/2022
	Data Release Frequency: Varies

HIST LF: Historical Landfills

Landfills that were closed many years ago.

Date of Government Version: 01/15/2003	Source: Department of Natural Resources
Date Data Arrived at EDR: 01/20/2004	Telephone: 404-362-2696
Date Made Active in Reports: 02/06/2004	Last EDR Contact: 01/20/2004
Number of Days to Update: 17	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 10/22/2021
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/07/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of clandestine drug lab site locations in the state.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/15/2016
Number of Days to Update: 63

Source: Georgia Bureau of Investigation
Telephone: 404-244-2639
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

DEL SHWS: Delisted Hazardous Site Inventory Listing

A listing of sites delisted from the Hazardous Site Inventory.

Date of Government Version: 07/01/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 80

Source: Department of Natural Resources
Telephone: 404-657-8636
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2021	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 05/18/2021	Telephone: 202-307-1000
Date Made Active in Reports: 08/03/2021	Last EDR Contact: 11/16/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/20/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-564-6023
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/10/2022
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/13/2021	Telephone: 202-366-4555
Date Made Active in Reports: 09/28/2021	Last EDR Contact: 09/13/2021
Number of Days to Update: 15	Next Scheduled EDR Contact: 01/03/2022
	Data Release Frequency: Quarterly

SPILLS: Spills Information

Oil or Hazardous Material Spills or Releases.

Date of Government Version: 10/19/2021	Source: Department of Natural Resources
Date Data Arrived at EDR: 10/21/2021	Telephone: 770-387-4900
Date Made Active in Reports: 11/04/2021	Last EDR Contact: 09/13/2021
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2022
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/04/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/11/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (404) 562-8651
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 09/15/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/03/2022
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/10/2021	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/17/2021	Telephone: 202-528-4285
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/16/2021
Number of Days to Update: 66	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/15/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/24/2022
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 10/05/2021
Number of Days to Update: 574	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 11/08/2021
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/17/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/19/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/27/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2021	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 07/14/2021	Telephone: Varies
Date Made Active in Reports: 07/16/2021	Last EDR Contact: 09/30/2021
Number of Days to Update: 2	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017	Source: EPA/NTIS
Date Data Arrived at EDR: 06/22/2020	Telephone: 800-424-9346
Date Made Active in Reports: 11/20/2020	Last EDR Contact: 09/15/2021
Number of Days to Update: 151	Next Scheduled EDR Contact: 01/03/2022
	Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 10/05/2021
Number of Days to Update: 546	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021	Source: Department of Energy
Date Data Arrived at EDR: 07/27/2021	Telephone: 202-586-3559
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/01/2021
Number of Days to Update: 87	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 12/09/2021
Number of Days to Update: 74	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2021	Telephone: 703-603-8787
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/10/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2021	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 08/24/2021	Telephone: 303-231-5959
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 11/22/2021
Number of Days to Update: 87	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021	Source: DOL, Mine Safety & Health Admi
Date Data Arrived at EDR: 07/01/2021	Telephone: 202-693-9424
Date Made Active in Reports: 09/28/2021	Last EDR Contact: 12/09/2021
Number of Days to Update: 89	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020	Source: USGS
Date Data Arrived at EDR: 05/27/2020	Telephone: 703-648-7709
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 11/22/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 11/22/2021
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/15/2021	Source: Department of Interior
Date Data Arrived at EDR: 06/16/2021	Telephone: 202-208-2609
Date Made Active in Reports: 08/17/2021	Last EDR Contact: 12/02/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021	Source: EPA
Date Data Arrived at EDR: 05/18/2021	Telephone: (404) 562-9900
Date Made Active in Reports: 08/17/2021	Last EDR Contact: 11/22/2021
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018	Source: Department of Defense
Date Data Arrived at EDR: 07/02/2020	Telephone: 703-704-1564
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 10/07/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/24/2022
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/26/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2021	Telephone: 202-564-2280
Date Made Active in Reports: 09/28/2021	Last EDR Contact: 10/05/2021
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 70

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

AIRS: Permitted Facility & Emissions Listing

A listing of permitted Air facilities and emissions data.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/10/2021
Number of Days to Update: 89

Source: Department of Natural Resources
Telephone: 404-363-7000
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash landfills.

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 09/02/2014
Number of Days to Update: 28

Source: Department of Natural Resources
Telephone: 404-362-2537
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Database

A list of drycleaners in the state. The listing includes drycleaner facilities, that use perchloroethylene, that responded to the Notification of Compliance Status forms. It also includes those businesses that are pick-up stores only and do not conduct dry cleaning on site.

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/02/2021
Date Made Active in Reports: 04/26/2021
Number of Days to Update: 83

Source: Department of Natural Resources
Telephone: 404-363-7000
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 05/27/2021
Number of Days to Update: 77

Source: Department of Natural Resources
Telephone: 404-362-4892
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information listing for solid waste facilities.

Date of Government Version: 07/08/2019
Date Data Arrived at EDR: 07/09/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 48

Source: Department of Natural Resources
Telephone: 404-362-2537
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/07/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPDES: NPDES Wastewater Permit List

A listing of NPDES wastewater permits issued by the Watershed Protection Branch.

Date of Government Version: 07/29/2021	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/29/2021	Telephone: 404-362-2680
Date Made Active in Reports: 10/25/2021	Last EDR Contact: 11/01/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2020	Source: Department of Natural Resources
Date Data Arrived at EDR: 08/18/2021	Telephone: 404-656-4852
Date Made Active in Reports: 11/10/2021	Last EDR Contact: 11/16/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Annually

UIC: Underground Injection Control

Underground injection control

Date of Government Version: 09/28/2021	Source: Department of Natural Resources
Date Data Arrived at EDR: 10/01/2021	Telephone: 404-463-2382
Date Made Active in Reports: 10/11/2021	Last EDR Contact: 12/02/2021
Number of Days to Update: 10	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 09/30/2021
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018	Source: USGS
Date Data Arrived at EDR: 10/21/2019	Telephone: 703-648-6533
Date Made Active in Reports: 10/24/2019	Last EDR Contact: 11/23/2021
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014	Source: EPA
Date Data Arrived at EDR: 01/06/2015	Telephone: 202-564-2496
Date Made Active in Reports: 05/06/2015	Last EDR Contact: 09/30/2021
Number of Days to Update: 120	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011	Source: EPA, Office of Water
Date Data Arrived at EDR: 08/05/2011	Telephone: 202-564-2496
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 09/30/2021
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Georgia.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Georgia.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Environmental Protection Division in Georgia.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Environmental Protection Division
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/23/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 90

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Centers

Source: Department of Human Resources

Telephone: 404-651-5562

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Georgia GIS Clearinghouse

Telephone: 706-542-1581

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PLANT ARKWRIGHT
4990 ARKWRIGHT RD
MACON, GA 31210

TARGET PROPERTY COORDINATES

Latitude (North):	32.927359 - 32° 55' 38.49"
Longitude (West):	83.704893 - 83° 42' 17.61"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	247069.0
UTM Y (Meters):	3646290.0
Elevation:	365 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	15919267 MACON NW, GA
Version Date:	2020

West Map:	15919201 BOLINGBROKE, GA
Version Date:	2020

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

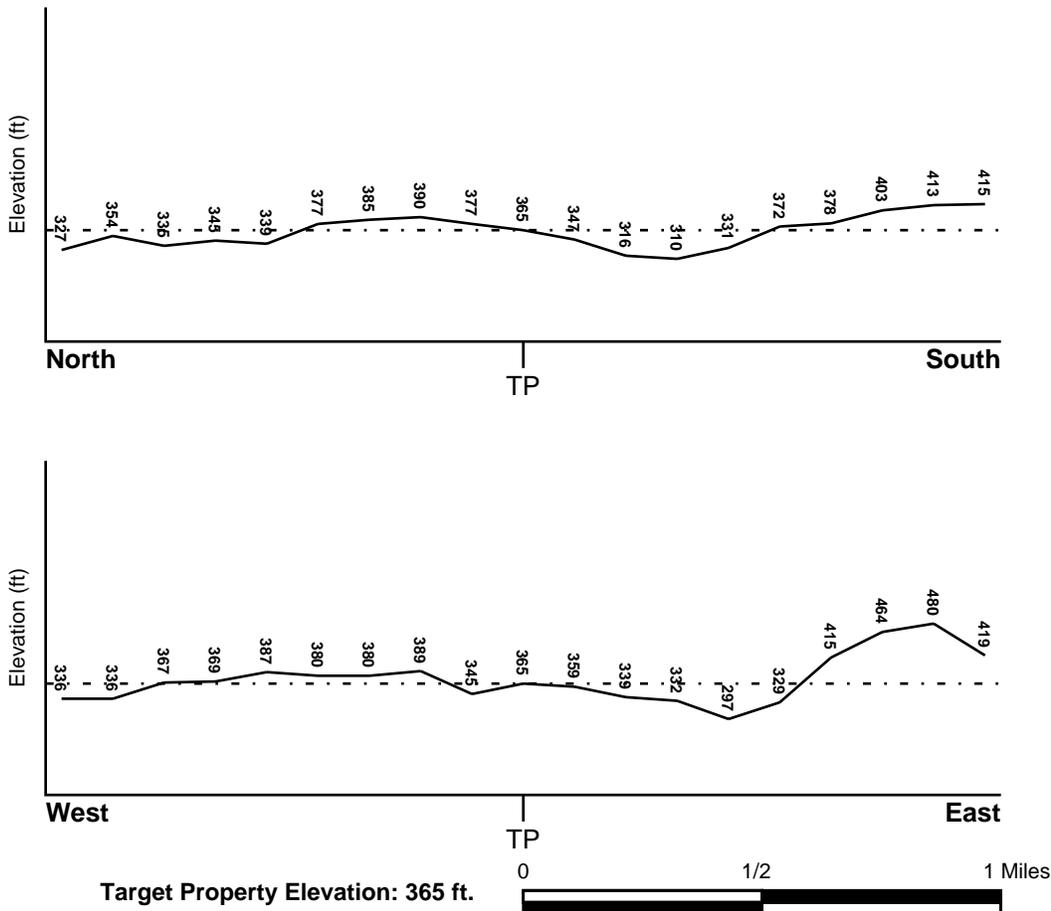
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
13207C0275D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
MACON NW	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

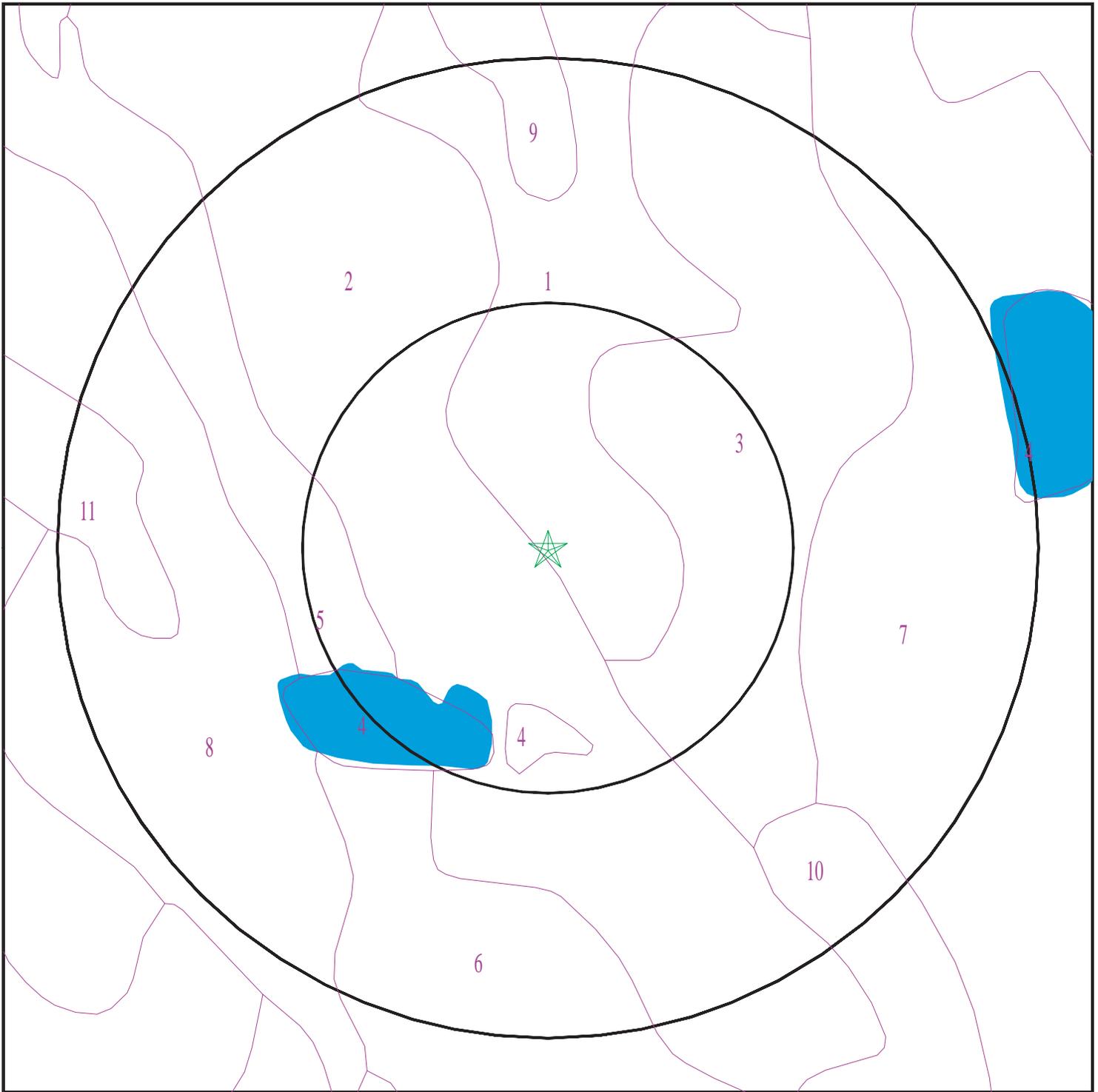
Era: Paleozoic
System: Pennsylvanian
Series: Felsic paragneiss and schist
Code: mm1 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6786228.2s



- ★ Target Property
- ~ SSURGO Soil
- ~ Water



SITE NAME: Plant Arkwright
ADDRESS: 4990 Arkwright Rd
Macon GA 31210
LAT/LONG: 32.927359 / 83.704893

CLIENT: Wood
CONTACT: Tanya Kinnard
INQUIRY #: 6786228.2s
DATE: December 13, 2021 2:49 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Davidson

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	5 inches	64 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	64 inches	68 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Cecil

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	51 inches	64 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	0 inches	5 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	5 inches	51 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5

Soil Map ID: 3

Soil Component Name: Davidson

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	5 inches	64 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	64 inches	68 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 4.5

Soil Map ID: 4

Soil Component Name: Water

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: Congaree

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 99 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	25 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 4.5
2	0 inches	18 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 4.5
3	18 inches	25 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 4.5

Soil Map ID: 6

Soil Component Name: Chewacla

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	59 inches	70 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	0 inches	18 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	18 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 4.5

Soil Map ID: 7

Soil Component Name: Cecil

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	51 inches	64 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	0 inches	5 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	5 inches	51 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5

Soil Map ID: 8

Soil Component Name: Vance

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	44 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5
2	0 inches	3 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5
3	3 inches	44 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5

Soil Map ID: 9

Soil Component Name: Davidson

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	9 inches	64 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	64 inches	68 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5

Soil Map ID: 10

Soil Component Name: Pits

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 11

Soil Component Name: Vance

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	44 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5
2	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5
3	7 inches	44 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	2.000
Federal FRDS PWS	Nearest PWS within 2.000 miles
State Database	2.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40000261390	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

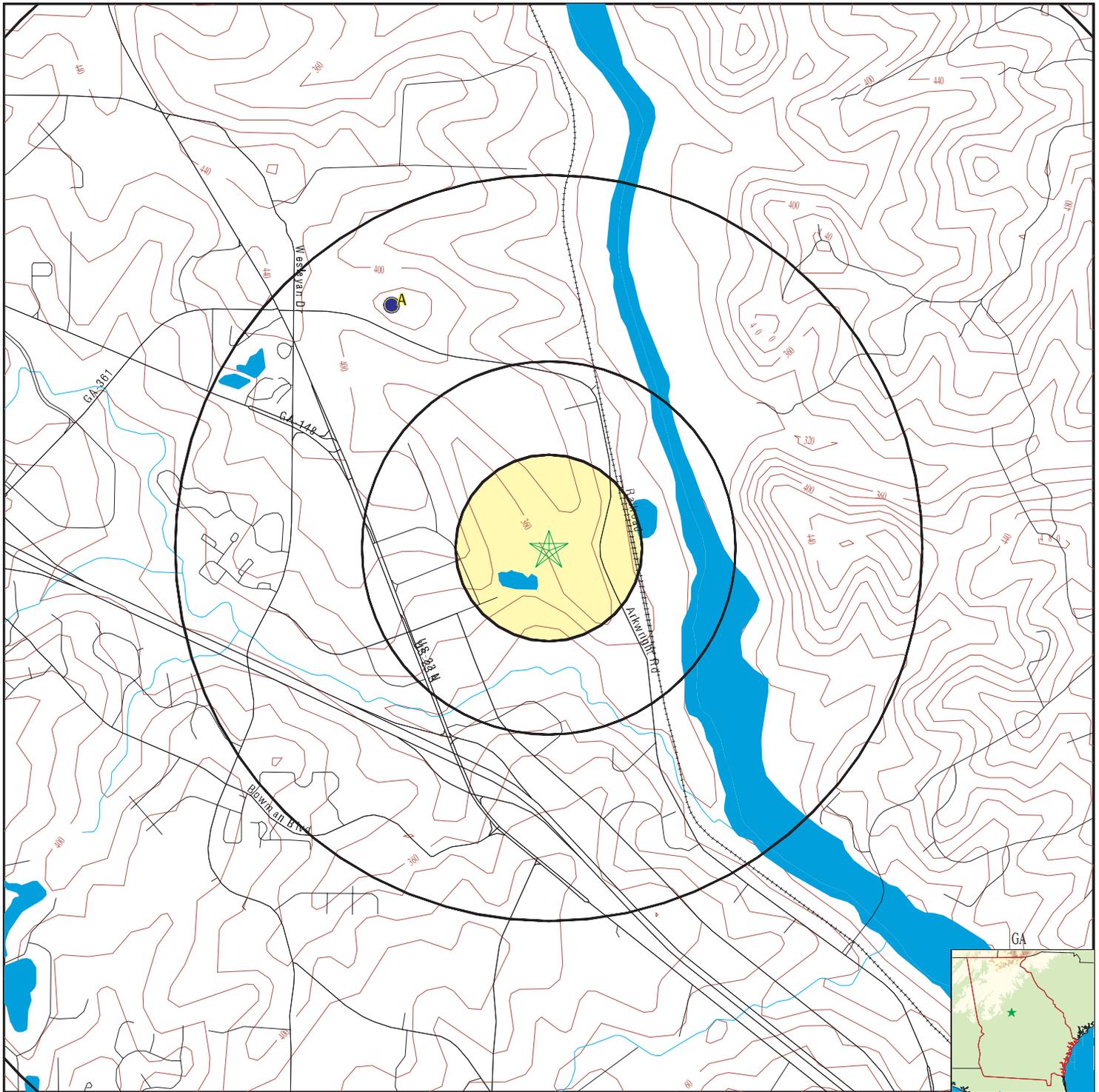
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

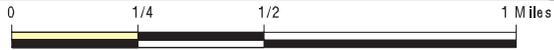
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	0000000364	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 6786228.2s



-  County Boundary
-  Major Roads
-  Contour Lines
-  Earthquake epicenter, Richter 5 or greater
-  Water Wells
-  Public Water Supply Wells
-  Cluster of Multiple Icons

-  Groundwater Flow Direction
-  Wildlife Areas
-  Indeterminate Groundwater Flow at Location
-  Groundwater Flow Varies at Location



SITE NAME: Plant Arkwright
 ADDRESS: 4990 Arkwright Rd
 Macon GA 31210
 LAT/LONG: 32.927359 / 83.704893

CLIENT: Wood
 CONTACT: Tanya Kinnard
 INQUIRY #: 6786228.2s
 DATE: December 13, 2021 2:49 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40000261390

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	16X005	Type:	Well
Description:	SOUTHERN NATURAL GAS 1	HUC:	03070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Crystalline Rocks	Aquifer Type:	Confined multiple aquifer
Construction Date:	Not Reported	Well Depth:	600
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

A2
NNW
1/2 - 1 Mile
Higher

GA WELLS 000000364

County code:	021	Well num:	16X005
Remarks:	SOUTHERN NATURAL GAS 1	Lat:	325612
Lon:	0834244	Latlon datum:	NAD27
Alt:	416.00	Alt datum:	NGVD29
Depth:	600	Depth to casing:	Not Reported
Casing dia:	Not Reported	Casing matl:	Not Reported
Depth to top:	Not Reported	Depth to bot:	Not Reported
Opening type:	Not Reported	Constr date:	Not Reported
Discharge:	Not Reported	Prim use:	Not Reported
Aquifer code:	400GNSS	Edr id:	000000364

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for BIBB County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 31210

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.300 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.520 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Georgia GIS Clearinghouse

Telephone: 706-542-1581

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Georgia Public Supply Wells

Source: Georgia Department of Community Affairs

Telephone: 404-894-0127

USGS Georgia Water Wells

Source: USGS, Georgia District Office

Telephone: 770-903-9100

OTHER STATE DATABASE INFORMATION

DNR Managed Lands

Source: Department of Natural Resources

Telephone: 706-557-3032

This dataset provides 1:24,000-scale data depicting boundaries of land parcels making up the public lands managed by the Georgia Department of Natural Resources (GDNR). It includes polygon representations of State Parks, State Historic Parks, State Conservation Parks, State Historic Sites, Wildlife Management Areas, Public Fishing Areas, Fish Hatcheries, Natural Areas and other specially-designated areas. The data were collected and located by the Georgia Department of Natural Resources. Boundaries were digitized from survey plats or other information.

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX B

Record of Responses

Kinnard, Tanya R

From: Gillis, Michael <Michael.Gillis@dnr.ga.gov>
Sent: Friday, December 17, 2021 12:33 PM
To: Kinnard, Tanya R
Subject: Re: Well survey

CAUTION: External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Tanya,

There are no permitted drinking water systems within the requested 3 mile radius of the provided location.

Michael Gillis
Manager Source Water Assessment Team
Floyd Towers East, Suite 1362
2 Martin Luther King Jr. Dr. SE
Atlanta Ga. 30334
Michael.Gillis@dnr.ga.gov
Zoom (470) 524-0728 (New number)

From: Kinnard, Tanya R <tanya.kinnard@woodplc.com>
Sent: Friday, December 17, 2021 12:23 PM
To: Gillis, Michael <Michael.Gillis@dnr.ga.gov>
Subject: Well survey

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Michael,

Here is the location I'm researching for a 3- mile radius.

Longitude (West): 83.704893 - 83° 42' 17.61"
Latitude (North): 32.927359 - 32° 55' 38.49"
TARGET PROPERTY COORDINATES
MACON, GA 31210
4990 ARKWRIGHT RD
PLANT ARKWRIGHT

Tanya Kinnard CHMM
Senior Consultant
1075 Big Shanty Road NW, Suite 100
Kennesaw, Georgia 30144-3652
Direct: **1-470-681-6804**
Tanya.Kinnard@woodplc.com
www.woodplc.com



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Well Survey-4990 Arkwright Road- 3-mile radius

The following are for Arkwright Road Addresses:

3895	4680
4161	5281
4612	5570
4640	5600
4650	5645 (4 wells)
4660	5650

3541 Athens Drive
3565 Athens Drive

The following are for Charles Drive Addresses:

5612	5656
5634	5666
5635	5683

1390 Hall Road
5665 New Forsyth Road
3300 N Ingle Place

The following are for Riverside Drive Addresses:

3500	5577
4154	5780
4406	5800
5219	5844
5321	5866 (2 wells)
5400	

The following are for Sheraton Drive Addresses:

4151 4168 5154

The following are for Taylor Terrace Addresses:

5614 (2 wells)	5663
5637	5682

Those are all the wells that our department has a record for that is within the 3 mile radius for the proposed address.

Sincerely,

Tina S. Davis
Environmental Health Specialist



Richard E. Dunn, Director

Watershed Protection Branch

2 Martin Luther King, Jr. Drive
Suite 1152, East Tower
Atlanta, Georgia 30334
404-463-1511

December 17, 2021

Delivery via e-mail

tanya.kinnard@woodplc.com

Tanya Kinnard

Senior Consultant

Wood PLC

Dear Ms. Kinnard,

This response is to your request received via e-mail on December 14, 2021 for access to records under the Georgia Open Records Act (GORA). Specifically, you requested access to records for the following:

Name:

A & T DRY CLEANERS

Address:

3823 NORTHSIDE DRIVE

SOUTHERN NATURAL GAS

Address:

14" BASS METER STATION (BOWMAN RD.)

SOUTHERN NATURAL GAS COMPANY-16" BASS METER STATION

Address:

I-75 @ EXIT# 56 (BASS RD), 0.2 MILES EAST OF I-75

After further investigation, the Watershed Protection Branch does not have any records related to this request. If you have any questions concerning this response, please contact Brianna Pierce at (470) 524-2899 or by email at Brianna.Pierce@dnr.ga.gov.

Sincerely,

A handwritten signature in cursive script that reads "Brianna Pierce".

Ms. Brianna Pierce
Watershed Protection Branch
Sloppy Floyd Towers
2 Martin Luther King Jr. Dr., S.W.
Suite 418 West
Atlanta, Georgia 30334

Kinnard, Tanya R

From: Elliott, Mandy <mandy.elliott@dnr.ga.gov>
Sent: Tuesday, December 1, 2020 8:21 AM
To: Kinnard, Tanya R
Subject: GORA Request - 118 & 125 N 8th St, Griffin, Spalding County

CAUTION: External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Tanya Kinnard,

The **District Offices** have no potentially responsive records to your request.

Thank you,

Mandy Elliott

District Offices GORA Coordinator
Administrative Assistant III

Environmental Protection Division
West Central District Office
2640 Shurling Drive
Macon, Georgia 31211
P 478.751.6621 / F 478.751.6660
mandy.elliott@dnr.ga.gov



From: Kinnard, Tanya R <tanya.kinnard@woodplc.com>
Sent: Wednesday, November 25, 2020 9:45 AM
To: Weglewski, Linda <Linda.Weglewski@dnr.ga.gov>
Subject: Available documents

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Linda,

I'm researching HSRA notification or NFA status or clean closure documentation to identify if a spill occurred at the following site. The records below list three different addresses in Spalding County, Griffin GA. Could you let me know if you have any files regarding this site?

DRYCLEANERS	A 4	S116495596	CLEANWELL PRESSING CLUB	118 N
EDR Hist Cleaner	A 3	1018428541	CLEANWELL PRESSING CLUB	118 N
EDR Hist Cleaner	A 5	1019958213	CLEANWELL PRESSING CLUB	125 N

Greatly appreciated,

Tanya Kinnard CHMM

Senior Consultant

1075 Big Shanty Road NW, Suite 100

Kennesaw, Georgia 30144-3652

Direct: 404-285-3655

Tanya.Kinnard@woodplc.com

www.woodplc.com



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APPENDIX C

SOIL BORING LOGS



SB-1 BORING LOG

PROJECT NUMBER 6122201429	DRILLING COMPANY SCS CFS	COORDINATES N , E
PROJECT NAME Plant Arkwright	DRILLER S. Denty	COORD SYS Ga State Plane West (NAD 83)
CLIENT Georgia Power	RIG TYPE/ METHOD Geoprobe 7822DT	COMPLETION Soil sample only
ADDRESS 5001 Arkwright Road Macon, GA	TOOL CASING DIA. 3.25 in	SURFACE ELEVATION ft NAVD 88
LOCATION Ash Pond 2	BORING DEPTH 35.0 ft	LOCATION WELL(S) ARGWA-20

COMMENTS Drilling conducted on 8/31/2021. Aquifer soil material samples collected from predetermined depths coinciding with proximal monitoring well screened interval. **LOGGED BY** A. Shoreddits
CHECKED BY J. Quinn

Depth (ft)	Samples	Geotech Sample	Sample Run (Recovery)	Graphic Log	Material Description	USCS	Moisture	Elevation (ft)
0-10			#1 (100%)		Hand auger to 10 ft Silty SAND, red/ dark brown, loose, coarse angular gravel seam at base	SM	Dry	334
2								
4					CLAY, red/black, stiff, some black silt mixed in	CL-ML		332
6					SILT, black, loose, fine grained fly ash, clay lenses mixed in	ML		330
8								328
10								326
10-15			#2 (92%)		CLAY with silt, black/grey, soft, low plasticity, fine grained fly ash	CL-ML	Moist	
12					Clayey gravelly SAND, grey/brown/red, medium dense, angular gravel, rootlets	SC-SW		324
14					CLAY, red, stiff, high plasticity	CH		322
15-20			#3 (98%)		Clayey SAND, grey/white/tan, dense	SC		320
16								
18					CLAY, tan/blue/orange, soft, high plasticity, dry to moist	CH		318
20			#4 (98%)		Silty SAND, red/brown/black/white, medium dense, saprolite, variable trace clay 20-35 feet	SM-SC		316
22								314
24								312
25-30		SB-1-24.6-34.6	#5 (100%)					310
26								
28								308
30			#6 (100%)					306
32								304
34								302
36					Boring terminated at 35 feet			300
38								298
40								296
42								294
44								292
46								290



SB-1A BORING LOG

PROJECT NUMBER 6122201429	DRILLING COMPANY SCS CFS	COORDINATES N , E
PROJECT NAME Plant Arkwright	DRILLER S. Denty	COORD SYS Ga State Plane West (NAD 83)
CLIENT Georgia Power	RIG TYPE/ METHOD Geoprobe 7822DT	COMPLETION Soil sample only
ADDRESS 5001 Arkwright Road Macon, GA	TOOL CASING DIA. 3.25 in	SURFACE ELEVATION ft NAVD 88
LOCATION Ash Pond 2	BORING DEPTH 33.2 ft	LOCATION WELL(S) ARGWA-20

COMMENTS Drilling conducted on 9/1/2021. Aquifer soil material samples collected from predetermined depths coinciding with proximal monitoring well screened interval.

LOGGED BY A. Shoredits
CHECKED BY J. Quinn

Depth (ft)	Samples	Geotech Sample	Sample Run (Recovery)	Graphic Log	Material Description	USCS	Moisture	Elevation (ft)
0-10			#1 (NA)		Hand auger to 10 ft Silty SAND, red/ dark brown, loose, coarse angular gravel seam at base	SM	Dry	334
2								
4					CLAY, red/black, stiff, some black silt mixed in	CL-ML		332
6					SILT, black, loose, fine grained fly ash, clay lenses mixed in	ML		330
8								328
10	10-15		#2 (NA)		CLAY with silt, black/grey, soft, low plasticity, fine grained fly ash	CL-ML	Moist	326
12					Clayey gravelly SAND, grey/brown/red, medium dense, angular gravel, rootlets	SC-SW		324
14					CLAY, red, stiff, high plasticity	CH		322
16	15-20		#3 (NA)		Clayey SAND, grey/white/tan, dense	SC		320
18					CLAY, tan/blue/orange, soft, high plasticity, dry to moist	CH		318
20	20-24		#4 (NA)		Silty SAND, red/brown/black/white, medium dense, saprolite, variable trace clay 20-35 feet	SM-SC		316
22								314
24	24-29	SB-1A-24-34	#5 (88%)					312
26								310
28								308
30	29-34		#6 (64%)					306
32								304
34					Boring terminated at 33.2 feet			302
36								300
38								298
40								296
42								294
44								292
46								290



SB-3 BORING LOG

PROJECT NUMBER 6122201429	DRILLING COMPANY SCS CFS	COORDINATES N , E
PROJECT NAME Plant Arkwright	DRILLER S. Denty	COORD SYS Ga State Plane West (NAD 83)
CLIENT Georgia Power	RIG TYPE/ METHOD Geoprobe 7822DT	COMPLETION Soil sample only
ADDRESS 5001 Arkwright Road Macon, GA	TOOL CASING DIA. 3.25 in	SURFACE ELEVATION ft NAVD 88
LOCATION Ash Pond 2	BORING DEPTH 23.0 ft	LOCATION WELL(S) ARGWC-22/ ARAMW-7

COMMENTS Drilling conducted on 8/30/2021. Aquifer soil material samples collected from predetermined depths coinciding with proximal monitoring well screened interval.

LOGGED BY A. Shoredits
CHECKED BY J. Quinn

Depth (ft)	Samples	Geotech Sample	Sample Run (Recovery)	Graphic Log	Material Description	USCS	Moisture	Elevation (ft)
0-10			#1 (100%)		Hand auger to 10 ft SAND, light brown/red, very loose, fine to coarse grained	SW	Moist	334
2								
4					Clayey silty SAND, dark brown, loose to medium dense	SM-SC		332
6								330
8					CLAY, dark red, medium stiff, medium plasticity, moist	CH		328
10								326
10-15			#2 (100%)		Clayey SAND, loose, moist, fine grained	SC-SM		
12					SAND, loose, fine grained Medium grained with small gravel 13.2-15.6 feet	SP		324
14								322
15-20		SB-3-15-25	#3 (100%)		Gravelly SAND, dark grey/white, loose, medium to coarse sand mixed in with fine to coarse gravel, sub-angular white quartz gravel	SW	Wet	320
16					CLAY, black/grey, soft, high plasticity, fly ash	CH	Moist	318
18					Gravelly SAND, dark grey/white, loose, coarse sub-angular gravel	SW		
20					Silty SAND, red/brown/grey, dense, saprolite, Coarse gravel lens 22.3-22.6 feet	SM-SC	Dry	316
20-23			#4 (100%)					
22								314
24					Boring terminated at refusal at 23 feet			312
26								310
28								308
30								306
32								304
34								302
36								300
38								298
40								296
42								294
44								292
46								290



SB-4 BORING LOG

PROJECT NUMBER 6122201429	DRILLING COMPANY SCS CFS	COORDINATES N , E
PROJECT NAME Plant Arkwright	DRILLER S. Denty	COORD SYS Ga State Plane West (NAD 83)
CLIENT Georgia Power	RIG TYPE/ METHOD Geoprobe 7822DT	COMPLETION Soil sample only
ADDRESS 5001 Arkwright Road Macon, GA	TOOL CASING DIA. 3.25 in	SURFACE ELEVATION ft NAVD 88
LOCATION Ash Pond 2	BORING DEPTH 18.0 ft	LOCATION WELL(S) ARAMW-2/ ARGWC-21

COMMENTS Drilling conducted on 8/31/2021. Aquifer soil material samples collected from predetermined depths coinciding with proximal monitoring well screened interval.

LOGGED BY A. Shoredits
CHECKED BY J. Quinn

Depth (ft)	Samples	Geotech Sample	Sample Run (Recovery)	Graphic Log	Material Description	USCS	Moisture	Elevation (ft)
0-10			#1 (100%)		Hand auger to 10 ft SAND, brown, very loose, fine grained becoming siltier with more clay with depth	SW-SC	Dry	334
2								332
4								330
6								328
8								326
10-15			#2 (70%)		Gravelly SAND, orange/brown, loose, coarse to fine grained sand with fine gravel	SW	Moist	324
12		SB-4-12-22			CLAY, grey/brown, very soft, sticky feel	CL		322
14					Gravelly SAND, brown/tan/white/grey/blue, loose, fine to medium grained Fine sub-angular gravel 13.1-15 feet Coarse grained 15-end	SW		320
15-18			#3 (83%)		Silty micaceous SAND, brown/black/white, medium dense, saprolite	SM		318
18					Boring terminated at refusal at 18 feet			316
20								314
22								312
24								310
26								308
28								306
30								304
32								302
34								300
36								298
38								296
40								294
42								292
44								290
46								



SB-5 BORING LOG

PROJECT NUMBER 6122201429	DRILLING COMPANY SCS CFS	COORDINATES N , E
PROJECT NAME Plant Arkwright	DRILLER S. Denty	COORD SYS Ga State Plane West (NAD 83)
CLIENT Georgia Power	RIG TYPE/ METHOD Geoprobe 7822DT	COMPLETION Soil sample only
ADDRESS 5001 Arkwright Road Macon, GA	TOOL CASING DIA. 3.25 in	SURFACE ELEVATION ft NAVD 88
LOCATION Ash Pond 2	BORING DEPTH 23.5 ft	LOCATION WELL(S) ARAMW-8/ ARGWC-23

COMMENTS Drilling conducted on 8/31/2021. Aquifer soil material samples collected from predetermined depths coinciding with proximal monitoring well screened interval.

LOGGED BY A. Shoredits
CHECKED BY J. Quinn

Depth (ft)	Samples	Geotech Sample	Sample Run (Recovery)	Graphic Log	Material Description	USCS	Moisture	Elevation (ft)		
0-2	0-10		#1 (100%)		Hand auger to 10 ft Clayey silty SAND, dark brown, loose	SM-SC	Dry	334		
2-4					SAND, orange/red, loose, fine to medium grained	SP	Moist	332		
4-6										330
6-8					Sandy CLAY, grey/blue, soft, low plasticity, sticky feel (fly ash)	CL-SW		328		
8-10	10-15		#2 (86%)		Clayey SILT, grey/blue, soft, low plasticity, sticky feel (fly ash)	CL-ML		326		
10-12					SAND, grey/light brown, loose, fine to coarse grained with fine gravel	SW		324		
12-14					Silty micaceous SAND, brown/black/tan/white, loose to medium dense, saprolite, fine angular quartz gravel	SM		322		
14-16	15-20	SB-5-15-25	#3 (100%)					320		
16-18								318		
18-20	20-23.5		#4 (100%)					316		
20-22								Dry	314	
22-24					Boring terminated at refusal at 23.5 feet			312		
24-26								310		
26-28								308		
28-30								306		
30-32								304		
32-34								302		
34-36								300		
36-38								298		
38-40								296		
40-42								294		
42-44								292		
44-46								290		

APPENDIX D

LABORATORY DATA FOR AQUIFER SOLIDS



Frontier Global Sciences

5755 8th Street East
Tacoma, WA 98424
Phone: (253) 922-2310

19 January 2022

Shali Brown

Eurofins TestAmerica - Pittsburgh

301 Alpha Drive RIDC Park

Pittsburgh, PA 15238

RE: Arsenic Speciation

Enclosed are the analytical results for samples received by Eurofins Frontier Global Sciences. All quality control measurements are within established control limits and there were no analytical difficulties encountered with the exception of those listed in the case narrative section of this report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Curtis Deer", with a long horizontal flourish extending to the right.

Curtis Deer

Project Manager



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: Total As and As Speciation in Groundwater
Project Manager: Shali Brown

Reported:
19-Jan-22 16:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1-24.6-34.6 (180-126590-1)	1J00051-01	Soil/Sediment	31-Aug-21 17:40	08-Oct-21 09:45

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Curtis Deer, Project Manager

Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: Total As and As Speciation in Groundwater
Project Manager: Shali Brown

Reported:
19-Jan-22 16:32

SAMPLE RECEIPT

Samples were received at Eurofins Frontier Global Sciences (EFGS) on 08-Oct-21 09:45. The samples were received intact, on-ice within a sealed cooler at the following temperature:

Cooler	Temp C°
Default Cooler	-0.4

SAMPLE PREPARATION AND ANALYSIS

Total solids analysis was performed in accordance with method SM2540B. Total solids are prepared at the same time as the preparation for the analyte(s) of interest in order to provide the most accurate dry mass correction which may be outside of the method recommended holding time of 7 days from sample collection.

Samples were prepared and analyzed for inorganic arsenic speciation by hydride generation cryogenic trapping gas chromatography atomic absorption spectrometry (HG-CT-GC-AAS) in accordance with EPA 1632 (EFGS SOP2987).

ANALYTICAL AND QUALITY CONTROL ISSUES

Method blanks were prepared for every preparation to assess possible blank contribution from the sample preparation procedure. The method blanks were carried through the entire analytical procedure. All blanks fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

Liquid spikes, certified reference material (CRM) or a quality control samples (QCS) were prepared for every preparation as a measure of accuracy. All liquid spikes, CRMs and/or QCS samples fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

As an additional measure of the accuracy of the methods used and to check for matrix interference, matrix spikes (MS) and matrix spike duplicates (MSD) were digested and analyzed. All of the matrix spike recoveries fell within the established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Curtis Deer, Project Manager



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: Total As and As Speciation in Groundwater
Project Manager: Shali Brown

Reported:
19-Jan-22 16:32

A reasonable measure of the precision of the analytical methods is the relative percent difference (RPD) between a matrix spike recovery and a matrix spike duplicate recovery and between laboratory control sample recovery and laboratory control sample duplicate recoveries. All of the relative percent differences fell within established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.



Frontier Global Sciences

Sample Receipt Checklist

Client: TA- Pitts burgh

Date & Time Received: w/epa 2:45

Date Labeled: w/epa Labeled By: vr

Matrix: leachate Soil / Sed w/epa

Received By: [Signature]

Label Verified By: MMR 10/8/21

of Coolers Received: 1

Samples Arrived By: X Shipping Service _____ Courier _____ Hand _____ Other (Specify: _____)

Coolant: None/Ambient Loose Ice Gel Ice Dry Ice

Coolant Required: Y Temp Blank Used: Y for Cooler(s): _____

Notify Project Manager if packages/coolers are received without coolant or with thawed coolant and at a temperature in excess of 6°C. PM notified: Y

Samples from Wisconsin have special requirements. Shipment received includes samples from Wisconsin: Y

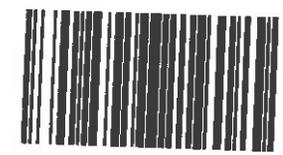
Cooler Information:	Y/N/NA	Comments
The coolers do not appear to be tampered with:	<u>Y</u>	
Custody Seals are present and intact:	<u>Y</u>	
Custody seals signed:	<u>Y</u>	

TID:	CF:	Temp	Date/time:	By:
12397	CF: <u>-0.1</u>	°C	<u>w/epa 2:45</u>	<u>[Signature]</u>
Cooler 1:	<u>-0.3</u>	°C	w/CF: <u>-0.4</u>	°C
Cooler 2:	°C	w/CF: °C	Cooler 4:	°C w/CF: °C
Cooler 3:	°C	w/CF: °C	Cooler 5:	°C w/CF: °C
			Cooler 6:	°C w/CF: °C

Chain of Custody:	Y/N/NA	Comments
Sample ID/Description:	<u>Y</u>	
Date and time of collection:	<u>Y</u>	
Collected by:	<u>N</u>	
Preservation type:	<u>Y</u>	
Requested analyses:	<u>Y</u>	
Required signatures:	<u>[Signature]</u>	
Original COC required:	<u>M</u>	

Sample Condition/Integrity:	Y/N/NA	Comments
Sample containers intact/present:	<u>Y</u>	
Sample labels are present and legible:	<u>Y</u>	
Sample ID on container/bag matches COC:	<u>Y</u>	
Correct sample containers used:	<u>Y</u>	
Samples received within holding times:	<u>Y</u>	
Sample volume sufficient for requested analyses:	<u>Y</u>	
Correct preservative used for requested analyses:	<u>N</u>	

1J00051



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: Total As and As Speciation in Groundwater
Project Manager: Shali Brown

Reported:
19-Jan-22 16:32

SB-1-24.6-34.6 (180-126590-1)

1J00051-01

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: [CALC]											
Arsenate (as Arsenic)	0.184	0.0328	0.0469	mg/kg dry	30	[CALC]	14-Oct-21		18-Oct-21	EPA 1632	
Sample Preparation: EFGS SOP2993 Speciation Oven Digestion for Solids											
Arsenite (as Arsenic)	ND	-	0.047	mg/kg dry	30	F110474	14-Oct-21	1J18021	18-Oct-21	EPA 1632	R-05, U
Inorganic Arsenic	0.184	-	0.047	mg/kg dry	30	F110473	14-Oct-21	1J18020	15-Oct-21	EPA 1632	
Sample Preparation: EFGS SOP5133 Solids Analysis											
% Solids	62.6	-	0.1	% by Weight	1	F110481	18-Oct-21		19-Oct-21	SM 2540B	O-04



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: Total As and As Speciation in Groundwater
Project Manager: Shali Brown

Reported:
19-Jan-22 16:32

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F110473 - EFGS SOP2993 Speciation Oven Digestion for Solids

Blank (F110473-BLK1)											
											Prepared: 14-Oct-21 Analyzed: 15-Oct-21
Inorganic Arsenic	ND	-	0.010	mg/kg wet							U
LCS (F110473-BS1)											
											Prepared: 14-Oct-21 Analyzed: 15-Oct-21
Inorganic Arsenic	0.075	-	0.010	mg/kg wet	0.10000		75.3	50-150			
LCS Dup (F110473-BSD1)											
											Prepared: 14-Oct-21 Analyzed: 15-Oct-21
Inorganic Arsenic	0.076	-	0.010	mg/kg wet	0.10000		75.9	50-150	0.703	35	
Matrix Spike (F110473-MS1)											
											Source: 1I00043-01RE1 Prepared: 14-Oct-21 Analyzed: 15-Oct-21
Inorganic Arsenic	0.220	-	0.033	mg/kg dry	0.10838	0.102	109	50-150			
Matrix Spike Dup (F110473-MSD1)											
											Source: 1I00043-01RE1 Prepared: 14-Oct-21 Analyzed: 15-Oct-21
Inorganic Arsenic	0.214	-	0.034	mg/kg dry	0.11253	0.102	99.8	50-150	8.88	35	

Batch F110474 - EFGS SOP2993 Speciation Oven Digestion for Solids

Blank (F110474-BLK1)											
											Prepared: 14-Oct-21 Analyzed: 18-Oct-21
Arsenite (as Arsenic)	ND	-	0.010	mg/kg wet							U
LCS (F110474-BS1)											
											Prepared: 14-Oct-21 Analyzed: 18-Oct-21
Arsenite (as Arsenic)	0.066	-	0.010	mg/kg wet	0.10000		66.4	30-170			
LCS Dup (F110474-BSD1)											
											Prepared: 14-Oct-21 Analyzed: 18-Oct-21
Arsenite (as Arsenic)	0.066	-	0.010	mg/kg wet	0.10000		66.1	30-170	0.340	35	
Matrix Spike (F110474-MS1)											
											Source: 1I00043-01 Prepared: 14-Oct-21 Analyzed: 18-Oct-21
Arsenite (as Arsenic)	0.118	-	0.033	mg/kg dry	0.10838	0.033	78.2	30-170			





Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: Total As and As Speciation in Groundwater
Project Manager: Shali Brown

Reported:
19-Jan-22 16:32

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F110474 - EFGS SOP2993 Speciation Oven Digestion for Solids

Matrix Spike Dup (F110474-MSD1)

Source: 1100043-01

Prepared: 14-Oct-21 Analyzed: 18-Oct-21

Arsenite (as Arsenic)	0.099	-	0.034	mg/kg dry	0.11253	0.033	58.6	30-170	28.6	35	
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Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: Total As and As Speciation in Groundwater
Project Manager: Shali Brown

Reported:
19-Jan-22 16:32

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F110481 - EFGS SOP5133 Solids Analysis

Duplicate (F110481-DUP1)		Source: 1J00051-01			Prepared: 18-Oct-21 Analyzed: 19-Oct-21					
% Solids	62.4	-	0.1	% by Weight		62.6		0.320	10	
Duplicate (F110481-DUP2)		Source: 1J00064-01			Prepared: 18-Oct-21 Analyzed: 19-Oct-21					
% Solids	57.5	-	0.1	% by Weight		58.0		0.866	10	

Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: Total As and As Speciation in Groundwater
Project Manager: Shali Brown

Reported:
19-Jan-22 16:32

Notes and Definitions

- U Analyte was not detected and is reported as less than the LOD or as defined by the client. The LOD has been adjusted for any dilution or concentration of the sample.
- R-05 The sample was diluted due to the presence of high levels of non-target analytes or particulates resulting in elevated reporting limits.
- O-04 This sample was analyzed outside of the recommended holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the method detection limit if reported to the MDL or above the reporting limit if reported to the MRL.
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference





Frontier Global Sciences

5755 8th Street East
Tacoma, WA 98424
Phone: (253) 922-2310

17 February 2022

Shali Brown

Eurofins Environment Testing NE - Pittsburgh

301 Alpha Drive RIDC Park

Pittsburgh, PA 15238

RE: Arsenic Speciation

Enclosed are the analytical results for samples received by Eurofins Frontier Global Sciences. All quality control measurements are within established control limits and there were no analytical difficulties encountered with the exception of those listed in the case narrative section of this report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Curtis Deer", with a long horizontal flourish extending to the right.

Curtis Deer

Project Manager



Eurofins Environment Testing NE - Pittsburgh 301 Alpha Drive RIDC Park Pittsburgh PA, 15238	Project: Arsenic Speciation Project Number: 180-126603-1 Project Manager: Shali Brown	Reported: 17-Feb-22 12:15
---	---	-------------------------------------

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1A-24-34 (180-126603-1)	1100044-01	Soil/Sediment	01-Sep-21 15:20	10-Sep-21 10:30

Eurofins Environment Testing NE - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126603-1
Project Manager: Shali Brown

Reported:
17-Feb-22 12:15

SAMPLE RECEIPT

Samples were received at Eurofins Frontier Global Sciences (EFGS) on 10-Sep-21 10:30. The samples were received intact, on-ice within a sealed cooler at the following temperature:

Cooler	Temp C°
Default Cooler	1.4

SAMPLE PREPARATION AND ANALYSIS

Total solids analysis was performed in accordance with method SM2540B. Total solids are prepared at the same time as the preparation for the analyte(s) of interest in order to provide the most accurate dry mass correction which may be outside of the method recommended holding time of 7 days from sample collection.

Samples were prepared and analyzed for inorganic arsenic speciation by hydride generation cryogenic trapping gas chromatography atomic absorption spectrometry (HG-CT-GC-AAS) in accordance with EPA 1632 (EFGS SOP2987).

ANALYTICAL AND QUALITY CONTROL ISSUES

Method blanks were prepared for every preparation to assess possible blank contribution from the sample preparation procedure. The method blanks were carried through the entire analytical procedure. All blanks fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

Liquid spikes, certified reference material (CRM) or a quality control samples (QCS) were prepared for every preparation as a measure of accuracy. All liquid spikes, CRMs and/or QCS samples fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

As an additional measure of the accuracy of the methods used and to check for matrix interference, matrix spikes (MS) and matrix spike duplicates (MSD) were digested and analyzed. All of the matrix spike recoveries fell within the established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Curtis Deer, Project Manager



Eurofins Environment Testing NE - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126603-1
Project Manager: Shali Brown

Reported:
17-Feb-22 12:15

A reasonable measure of the precision of the analytical methods is the relative percent difference (RPD) between a matrix spike recovery and a matrix spike duplicate recovery and between laboratory control sample recovery and laboratory control sample duplicate recoveries. All of the relative percent differences fell within established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.



Frontier Global Sciences

Sample Receipt Checklist

Client: TA- P. H3 burgh

Matrix: Soil / sed

Date & Time Received: 9/10/21 10:30

Date Labeled: 9/10/21 Labeled By: h

of Coolers Received: 1

Received By: h

Label Verified By: PEM 9/10/21

Samples Arrived By: Shipping Service Courier Hand Other (Specify: _____)

Coolant: None/Ambient Loose Ice Gel Ice Dry Ice Coolant Required: Y/N

Notify Project Manager if packages/coolers are received without coolant or with thawed coolant and at a temperature in excess of 6°C. Temp Blank Used: Y/N for Cooler(s): _____

Samples from Wisconsin have special requirements. Shipment received includes samples from Wisconsin: Y/N

Cooler Information:	Y/N/NA	Comments
The coolers do not appear to be tampered with:	<u>Y</u>	
Custody Seals are present and intact:	<u>Y</u>	
Custody seals signed:	<u>Y</u>	

TID:	CF:	Date/time:	By:
<u>8018781</u>	<u>-0.4</u>	<u>9/10/21 10:30</u>	<u>h</u>
Cooler 1: <u>7.8</u> °C	w/CF: <u>1.4</u> °C	Cooler 4: °C	w/CF: °C
Cooler 2: °C	w/CF: °C	Cooler 5: °C	w/CF: °C
Cooler 3: °C	w/CF: °C	Cooler 6: °C	w/CF: °C

Chain of Custody:	Y/N/NA	Comments
Sample ID/Description:	<u>Y</u>	
Date and time of collection:	<u>Y</u>	
Sampled by:	<u>h</u>	
Reservation type:	<u>Y</u>	
Requested analyses:	<u>Y</u>	
Required signatures:	<u>Y</u>	
Internal COC required:	<u>NO</u>	

Sample Condition/Integrity:	Y/N/NA	Comments
Sample containers intact/present:	<u>Y</u>	
Sample labels are present and legible:	<u>Y</u>	
Sample ID on container/bag matches COC:	<u>Y</u>	
Correct sample containers used:	<u>Y</u>	
Samples received within holding times:	<u>Y</u>	
Sample volume sufficient for requested analyses:	<u>Y</u>	
Correct preservative used for requested analyses:	<u>NA</u>	

Abnormalities/Non-conformances (attach additional pages if needed):

1100044



Eurofins TestAmerica, Pittsburgh

301 Alpha Drive RIDC Park
 Pittsburgh, PA 15238
 Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record



Environment Testing
 America

Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Carrier Tracking No(s):		COC No:	
Client Contact: Shipping/Receiving		Phone:		E-Mail:		State of Origin:		Page:	
Company: Eurofins Frontier Global Sciences LLC		Due Date Requested: 9/17/2021		Accreditations Required (See note):		Job #:		180-443648.1	
Address: 5755 8th Street E, City: Tacoma State, Zip: WA, 98424 Phone:		TAT Requested (days):		Project #: 18020201		SSOW#:		Preservation Codes:	
Email:		PO #:		WO #:		Project Name: Plant Arkwright MNA AP-2DAS		Site: Arkwright	
Project Name: Plant Arkwright MNA AP-2DAS		Project #: 18020201		SSOW#:		Site: Arkwright		Other:	
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	
SB-1A-24-34 (180-126603-1)		9/1/21		15:20 Eastern		Solid		X	
Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		SUB (Arsenic Speciation III and IV) Arsenic Speciation III and IV		Total Number of containers		Special Instructions/Note:	
X		X		X		1		Arsenic Speciation III and IV	
<p>Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.</p>									
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
Unconfirmed					<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)			Primary Deliverable Rank: 2		Special Instructions/QC Requirements: 1889 5109 3105				
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:		
Relinquished by: MO			Date/Time: 9/1/21 1706		Company: TART		Received by: [Signature]		Date/Time: 9/1/21 1030
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:
Custody Seals Intact: Δ Yes Δ No		Custody Seal No. MO			Cooler Temperature(s) °C and Other Remarks: 4°C				

Eurofins Environment Testing NE - Pittsburgh 301 Alpha Drive RIDC Park Pittsburgh PA, 15238	Project: Arsenic Speciation Project Number: 180-126603-1 Project Manager: Shali Brown	Reported: 17-Feb-22 12:15
---	---	------------------------------

SB-1A-24-34 (180-126603-1)

1100044-01

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: [CALC]											
Arsenate (as Arsenic)	ND	0.0248	0.0354	mg/kg dry	30	[CALC]	14-Oct-21		18-Oct-21	EPA 1632	U
Sample Preparation: EFGS SOP2993 Speciation Oven Digestion for Solids											
Arsenite (as Arsenic)	0.012	0.008	0.012	mg/kg dry	10	F110474	14-Oct-21	IJ18021	18-Oct-21	EPA 1632	
Inorganic Arsenic	0.028	0.025	0.035	mg/kg dry	30	F110473	14-Oct-21	IJ18020	15-Oct-21	EPA 1632	
Sample Preparation: EFGS SOP5133 Solids Analysis											
% Solids	84.0	-	0.1	% by Weight	1	F109432	01-Oct-21		04-Oct-21	SM 2540B	O-04, O-09



Eurofins Environment Testing NE - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126603-1
Project Manager: Shali Brown

Reported:
17-Feb-22 12:15

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F110473 - EFGS SOP2993 Speciation Oven Digestion for Solids

Blank (F110473-BLK1)					Prepared: 14-Oct-21 Analyzed: 15-Oct-21						
Inorganic Arsenic	ND	0.007	0.010	mg/kg wet							U
LCS (F110473-BS1)					Prepared: 14-Oct-21 Analyzed: 15-Oct-21						
Inorganic Arsenic	0.075	0.007	0.010	mg/kg wet	0.10000		75.3	50-150			
LCS Dup (F110473-BSD1)					Prepared: 14-Oct-21 Analyzed: 15-Oct-21						
Inorganic Arsenic	0.076	0.007	0.010	mg/kg wet	0.10000		75.9	50-150	0.703	35	
Matrix Spike (F110473-MS1)					Source: 1100043-01RE1 Prepared: 14-Oct-21 Analyzed: 15-Oct-21						
Inorganic Arsenic	0.220	0.023	0.033	mg/kg dry	0.10838	0.102	109	50-150			
Matrix Spike Dup (F110473-MSD1)					Source: 1100043-01RE1 Prepared: 14-Oct-21 Analyzed: 15-Oct-21						
Inorganic Arsenic	0.214	0.024	0.034	mg/kg dry	0.11253	0.102	99.8	50-150	8.88	35	

Batch F110474 - EFGS SOP2993 Speciation Oven Digestion for Solids

Blank (F110474-BLK1)					Prepared: 14-Oct-21 Analyzed: 18-Oct-21						
Arsenite (as Arsenic)	ND	0.007	0.010	mg/kg wet							U
LCS (F110474-BS1)					Prepared: 14-Oct-21 Analyzed: 18-Oct-21						
Arsenite (as Arsenic)	0.066	0.007	0.010	mg/kg wet	0.10000		66.4	30-170			
LCS Dup (F110474-BSD1)					Prepared: 14-Oct-21 Analyzed: 18-Oct-21						
Arsenite (as Arsenic)	0.066	0.007	0.010	mg/kg wet	0.10000		66.1	30-170	0.340	35	
Matrix Spike (F110474-MS1)					Source: 1100043-01 Prepared: 14-Oct-21 Analyzed: 18-Oct-21						
Arsenite (as Arsenic)	0.118	0.023	0.033	mg/kg dry	0.10838	0.033	78.2	30-170			





Eurofins Environment Testing NE - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126603-1
Project Manager: Shali Brown

Reported:
17-Feb-22 12:15

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F110474 - EFGS SOP2993 Speciation Oven Digestion for Solids

Matrix Spike Dup (F110474-MSD1)

Source: 1100043-01

Prepared: 14-Oct-21 Analyzed: 18-Oct-21

Arsenite (as Arsenic)	0.099	0.024	0.034	mg/kg dry	0.11253	0.033	58.6	30-170	28.6	35	
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Eurofins Environment Testing NE - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126603-1
Project Manager: Shali Brown

Reported:
17-Feb-22 12:15

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F109432 - EFGS SOP5133 Solids Analysis

Duplicate (F109432-DUP1)

Source: 1100084-01

Prepared: 01-Oct-21 Analyzed: 04-Oct-21

% Solids	83.8	-	0.1	% by Weight		83.4			0.478	10	O-04, O-09
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Duplicate (F109432-DUP2)

Source: 1100095-01

Prepared: 01-Oct-21 Analyzed: 04-Oct-21

% Solids	83.9	-	0.1	% by Weight		83.2			0.838	10	O-04, O-09
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Eurofins Environment Testing NE - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126603-1
Project Manager: Shali Brown

Reported:
17-Feb-22 12:15

Notes and Definitions

- U Analyte was not detected and is reported as less than the LOD or as defined by the client. The LOD has been adjusted for any dilution or concentration of the sample.
- O-09 Total Solids are prepared at the same time as the preparation for the analyte(s) of interest in order to provide the most accurate dry mass correction.
- O-04 This sample was analyzed outside of the recommended holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the method detection limit if reported to the MDL or above the reporting limit if reported to the MRL.
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference





Frontier Global Sciences

5755 8th Street East
Tacoma, WA 98424
Phone: (253) 922-2310

25 October 2021

Shali Brown

Eurofins TestAmerica - Pittsburgh

301 Alpha Drive RIDC Park

Pittsburgh, PA 15238

RE: Arsenic Speciation

Enclosed are the analytical results for samples received by Eurofins Frontier Global Sciences. All quality control measurements are within established control limits and there were no analytical difficulties encountered with the exception of those listed in the case narrative section of this report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Kyle Groden", with a stylized, cursive flourish.

Kyle Groden

Scientist



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126590-1
Project Manager: Shali Brown

Reported:
25-Oct-21 11:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-4-12-22 (180-126590-3)	1100043-01	Soil/Sediment	31-Aug-21 12:00	10-Sep-21 10:30

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kyle Groden, Scientist

Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238Project: Arsenic Speciation
Project Number: 180-126590-1
Project Manager: Shali BrownReported:
25-Oct-21 11:40

SAMPLE RECEIPT

Samples were received at Eurofins Frontier Global Sciences (EFGS) on 10-Sep-21 10:30. The samples were received intact, on-ice within a sealed cooler at following temperature:

Cooler	Temp C°
Default Cooler	1.4

SAMPLE PREPARATION AND ANALYSIS

Total solids analysis was performed in accordance with method SM2540B. Total solids are prepared at the same time as the preparation for the analyte(s) of interest in order to provide the most accurate dry mass correction which may be outside of the method recommended holding time of 7 days from sample collection.

Samples were prepared and analyzed for inorganic arsenic speciation by hydride generation cryogenic trapping gas chromatography atomic absorption spectrometry (HG-CT-GC-AAS) in accordance with EPA 1632 (EFGS SOP2987).

ANALYTICAL AND QUALITY CONTROL ISSUES

Method blanks were prepared for every preparation to assess possible blank contribution from the sample preparation procedure. The method blanks were carried through the entire analytical procedure. All blanks fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

Liquid spikes, certified reference material (CRM) or a quality control samples (QCS) were prepared for every preparation as a measure of accuracy. All liquid spikes, CRMs and/or QCS samples fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

As an additional measure of the accuracy of the methods used and to check for matrix interference, matrix spikes (MS) and matrix spike duplicates (MSD) were digested and analyzed. All of the matrix spike recoveries fell within the established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Kyle Groden, Scientist

Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126590-1
Project Manager: Shali Brown

Reported:
25-Oct-21 11:40

A reasonable measure of the precision of the analytical methods is the relative percent difference (RPD) between a matrix spike recovery and a matrix spike duplicate recovery and between laboratory control sample recovery and laboratory control sample duplicate recoveries. All of the relative percent differences fell within established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Kyle Groden, Scientist



Frontier Global Sciences

Sample Receipt Checklist

Client: TA- Pittsburgh Date & Time Received: 9/10/24 10:30 Date Labeled: 9/10/24 Labeled By: h
 Matrix: Soil / seed Received By: h

of Coolers Received: 1 Samples Arrived By: Shipping Service _____ Courier _____ Hand _____ Other (Specify: _____)
 Coolant: None/Ambient Loose Ice Gel Ice Dry Ice Coolant Required: Y / N Temp Blank Used: Y / N for Cooler(s): _____

Notify Project Manager if packages/coolers are received without coolant or with thawed coolant and at a temperature in excess of 6°C. PM notified: Y / N
 Samples from Wisconsin have special requirements. Shipment received includes samples from Wisconsin: Y / N

Cooler Information:	Y/N/NA	Comments
The coolers do not appear to be tampered with:	<u>Y</u>	
Custody Seals are present and intact:	<u>Y</u>	
Custody seals signed:	<u>Y</u>	

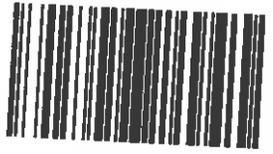
TID: <u>9018781</u>	CF: <u>-0.4</u> °C	Date/time: <u>9/10/24 10:30</u>	By: <u>h</u>
Cooler 1: <u>4.8</u> °C	w/ CF: <u>1.4</u> °C	Cooler 4: °C	w/ CF: °C
Cooler 2: °C	w/ CF: °C	Cooler 5: °C	w/ CF: °C
Cooler 3: °C	w/ CF: °C	Cooler 6: °C	w/ CF: °C

Chain of Custody:	Y/N/NA	Comments
Sample ID/Description:	<u>Y</u>	
Date and time of collection:	<u>Y</u>	
Sampled by:	<u>N</u>	
Reservation type:	<u>Y</u>	
Requested analyses:	<u>Y</u>	
Required signatures:	<u>Y</u>	
External COC required:	<u>No</u>	

Sample Condition/Integrity:	Y/N/NA	Comments
Sample containers intact/present:	<u>Y</u>	
Sample labels are present and legible:	<u>Y</u>	
Sample ID on container/bag matches COC:	<u>Y</u>	
Correct sample containers used:	<u>Y</u>	
Samples received within holding times:	<u>Y</u>	
Sample volume sufficient for requested analyses:	<u>Y</u>	
Correct preservative used for requested analyses:	<u>Y</u>	

Abnormalities/Non-conformances (attach additional pages if needed):

1100043



Eurofins TestAmerica - Pittsburgh 301 Alpha Drive RIDC Park Pittsburgh PA, 15238	Project: Arsenic Speciation Project Number: 180-126590-1 Project Manager: Shali Brown	Reported: 25-Oct-21 11:40
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SB-4-12-22 (180-126590-3)

1100043-01

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: [CALC]											
Arsenate (as Arsenic)	0.0683	0.0238	0.0340	mg/kg dry	30	[CALC]	14-Oct-21		18-Oct-21	EPA 1632	
Sample Preparation: EFGS SOP2993 Speciation Oven Digestion for Solids											
Arsenite (as Arsenic)	ND	-	0.034	mg/kg dry	30	F110474	14-Oct-21	IJ18021	18-Oct-21	EPA 1632	U
Inorganic Arsenic	0.102	-	0.034	mg/kg dry	30	F110473	14-Oct-21	IJ18020	15-Oct-21	EPA 1632	
Sample Preparation: EFGS SOP5133 Solids Analysis											
% Solids	85.4	-	0.1	% by Weight	1	F109432	01-Oct-21		04-Oct-21	SM 2540B	O-04, O-09



Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126590-1
Project Manager: Shali Brown

Reported:
25-Oct-21 11:40

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F110473 - EFGS SOP2993 Speciation Oven Digestion for Solids

Blank (F110473-BLK1)					Prepared: 14-Oct-21 Analyzed: 15-Oct-21						
Inorganic Arsenic	ND	-	0.010	mg/kg wet							U
LCS (F110473-BS1)					Prepared: 14-Oct-21 Analyzed: 15-Oct-21						
Inorganic Arsenic	0.075	-	0.010	mg/kg wet	0.10000		75.3	50-150			
LCS Dup (F110473-BSD1)					Prepared: 14-Oct-21 Analyzed: 15-Oct-21						
Inorganic Arsenic	0.076	-	0.010	mg/kg wet	0.10000		75.9	50-150	0.703	35	
Matrix Spike (F110473-MS1)					Source: 1I00043-01RE1 Prepared: 14-Oct-21 Analyzed: 15-Oct-21						
Inorganic Arsenic	0.220	-	0.033	mg/kg dry	0.10838	0.102	109	50-150			
Matrix Spike Dup (F110473-MSD1)					Source: 1I00043-01RE1 Prepared: 14-Oct-21 Analyzed: 15-Oct-21						
Inorganic Arsenic	0.214	-	0.034	mg/kg dry	0.11253	0.102	99.8	50-150	8.88	35	

Batch F110474 - EFGS SOP2993 Speciation Oven Digestion for Solids

Blank (F110474-BLK1)					Prepared: 14-Oct-21 Analyzed: 18-Oct-21						
Arsenite (as Arsenic)	ND	-	0.010	mg/kg wet							U
LCS (F110474-BS1)					Prepared: 14-Oct-21 Analyzed: 18-Oct-21						
Arsenite (as Arsenic)	0.066	-	0.010	mg/kg wet	0.10000		66.4	30-170			
LCS Dup (F110474-BSD1)					Prepared: 14-Oct-21 Analyzed: 18-Oct-21						
Arsenite (as Arsenic)	0.066	-	0.010	mg/kg wet	0.10000		66.1	30-170	0.340	35	
Matrix Spike (F110474-MS1)					Source: 1I00043-01 Prepared: 14-Oct-21 Analyzed: 18-Oct-21						
Arsenite (as Arsenic)	0.118	-	0.033	mg/kg dry	0.10838	0.033	78.2	30-170			

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Kyle Groden, Scientist

Eurofins TestAmerica - Pittsburgh 301 Alpha Drive RIDC Park Pittsburgh PA, 15238	Project: Arsenic Speciation Project Number: 180-126590-1 Project Manager: Shali Brown	Reported: 25-Oct-21 11:40
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Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F110474 - EFGS SOP2993 Speciation Oven Digestion for Solids

Matrix Spike Dup (F110474-MSD1)	Source: 1I00043-01		Prepared: 14-Oct-21 Analyzed: 18-Oct-21								
Arsenite (as Arsenic)	0.099	-	0.034	mg/kg dry	0.11253	0.033	58.6	30-170	28.6	35	

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kyle Groden, Scientist

Eurofins TestAmerica - Pittsburgh 301 Alpha Drive RIDC Park Pittsburgh PA, 15238	Project: Arsenic Speciation Project Number: 180-126590-1 Project Manager: Shali Brown	Reported: 25-Oct-21 11:40
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Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch F109432 - EFGS SOP5133 Solids Analysis

Duplicate (F109432-DUP1)											
		Source: 1I00084-01			Prepared: 01-Oct-21 Analyzed: 04-Oct-21						
% Solids	83.8	-	0.1	% by Weight		83.4			0.478	10	O-04, O-09
Duplicate (F109432-DUP2)											
		Source: 1I00095-01			Prepared: 01-Oct-21 Analyzed: 04-Oct-21						
% Solids	83.9	-	0.1	% by Weight		83.2			0.838	10	O-04, O-09

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kyle Groden, Scientist

Eurofins TestAmerica - Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA, 15238

Project: Arsenic Speciation
Project Number: 180-126590-1
Project Manager: Shali Brown

Reported:
25-Oct-21 11:40

Notes and Definitions

- U Analyte was not detected and is reported as less than the LOD or as defined by the client. The LOD has been adjusted for any dilution or concentration of the sample.
- O-09 Total Solids are prepared at the same time as the preparation for the analyte(s) of interest in order to provide the most accurate dry mass correction.
- O-04 This sample was analyzed outside of the recommended holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the method detection limit if reported to the MDL or above the reporting limit if reported to the MRL.
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-126590-1

Client Project/Site: Plant Arkwright MNA AP-2 DAS

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
10/19/2021 6:00:23 PM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

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.

PA Lab ID: 02-00416



Table of Contents

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Case Narrative

Client: Southern Company
Project/Site: Plant Arkwright MNA AP-2 DAS

Job ID: 180-126590-1

Job ID: 180-126590-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

Job Narrative
180-126590-1

Comments

No additional comments.

Receipt

The samples were received on 9/2/2021 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.2° C.

GC Semi VOA

Method Lloyd Kahn: Please note that the reporting limit for Lloyd Kahn TOC analysis is a nominal value and does not reflect adjustments in sample mass processed on an individual basis. SB-3-15-25 (180-126590-2) and (180-126406-B-2 MS)

Method Lloyd Kahn: Please note that the reporting limit for Lloyd Kahn TOC analysis is a nominal value and does not reflect adjustments in sample mass processed on an individual basis. SB-1-24.6-34.6 (180-126590-1), SB-4-12-22 (180-126590-3) and SB-5-15-25 (180-126590-4)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Geotechnical

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Arkwright MNA AP-2 DAS

Job ID: 180-126590-1

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Plant Arkwright MNAAP-2 DAS

Job ID: 180-126590-1

Laboratory: Eurofins TestAmerica, Pittsburgh

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-21 *
California	State	2891	04-30-22
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	09-14-21
Georgia	State	PA 02-00416	09-14-21
Illinois	NELAP	004375	09-14-21
Kansas	NELAP	E-10350	09-14-21
Kentucky (UST)	State	162013	04-30-22
Kentucky (WW)	State	KY98043	12-31-21
Louisiana	NELAP	04041	09-14-21
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	09-14-21
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-05-22
New Jersey	NELAP	PA005	09-14-21
New York	NELAP	11182	09-14-21
North Carolina (WW/SW)	State	434	12-31-21
North Dakota	State	R-227	09-14-21
Oregon	NELAP	PA-2151	02-06-22
Pennsylvania	NELAP	02-00416	09-14-21
Rhode Island	State	LAO00362	12-31-21
South Carolina	State	89014	04-30-22
Texas	NELAP	T104704528	09-14-21
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	09-14-21
Virginia	NELAP	10043	09-14-21
West Virginia DEP	State	142	09-14-21
Wisconsin	State	998027800	08-31-22

Laboratory: Eurofins TestAmerica, Burlington

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

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-23
Connecticut	State	PH-0751	09-30-21
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-17-22
Florida	NELAP	E87467	06-30-22
Minnesota	NELAP	050-999-436	12-31-21
New Hampshire	NELAP	2006	12-18-21
New Jersey	NELAP	VT972	06-30-22
New York	NELAP	10391	04-01-22
Pennsylvania	NELAP	68-00489	04-30-22
Rhode Island	State	LAO00298	12-30-21
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-17-00272	10-30-23
Vermont	State	VT4000	02-10-22
Virginia	NELAP	460209	12-14-21
Wisconsin	State	399133350	08-31-22

Laboratory: Eurofins Xenco, Corpus Christi

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

Eurofins TestAmerica, Pittsburgh

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Arkwright MNA AP-2 DAS

Job ID: 180-126590-1

Laboratory: Eurofins Xenco, Corpus Christi (Continued)

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

Authority	Program	Identification Number	Expiration Date
Louisiana	NELAP	05094	06-30-22
Oklahoma	State	2021-016	08-31-22
Texas	NELAP	T104704210-21-28	03-31-22

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Sample Summary

Client: Southern Company
Project/Site: Plant Arkwright MNA AP-2 DAS

Job ID: 180-126590-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-126590-1	SB-1-24.6-34.6	Solid	08/31/21 17:40	09/02/21 09:30
180-126590-2	SB-3-15-25	Solid	08/30/21 18:00	09/02/21 09:30
180-126590-3	SB-4-12-22	Solid	08/31/21 12:00	09/02/21 09:30
180-126590-4	SB-5-15-25	Solid	08/31/21 13:25	09/02/21 09:30

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Method Summary

Client: Southern Company
Project/Site: Plant Arkwright MNA AP-2 DAS

Job ID: 180-126590-1

Method	Method Description	Protocol	Laboratory
9081	Cation Exchange Capacity (CEC)	SW846	XEN CC
EPA-Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	TAL PIT
D422	Grain Size	ASTM	TAL BUR
9081	Cation Exchange Capacity (CEC)	SW846	XEN CC

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

XEN CC = Eurofins Xenco, Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2471

Lab Chronicle

Client: Southern Company
Project/Site: Plant Arkwright MNA AP-2 DAS

Job ID: 180-126590-1

Client Sample ID: SB-1-24.6-34.6

Lab Sample ID: 180-126590-1

Date Collected: 08/31/21 17:40

Matrix: Solid

Date Received: 09/02/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1			171682	09/16/21 19:23	CPF	TAL BUR
Instrument ID: D422_import										

Client Sample ID: SB-1-24.6-34.6

Lab Sample ID: 180-126590-1

Date Collected: 08/31/21 17:40

Matrix: Solid

Date Received: 09/02/21 09:30

Percent Solids: 60.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9081			4.050 g	100 mL	188917	09/14/21 09:45	LR	XEN CC
Total/NA	Analysis	9081		1			188941	09/15/21 08:46	AKM	XEN CC
Instrument ID: NOEQUIP										
Total/NA	Analysis	EPA-Lloyd Kahn		1			370561	09/07/21 17:31	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: SB-3-15-25

Lab Sample ID: 180-126590-2

Date Collected: 08/30/21 18:00

Matrix: Solid

Date Received: 09/02/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1			171682	09/16/21 19:25	CPF	TAL BUR
Instrument ID: D422_import										

Client Sample ID: SB-3-15-25

Lab Sample ID: 180-126590-2

Date Collected: 08/30/21 18:00

Matrix: Solid

Date Received: 09/02/21 09:30

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9081			4.005 g	100 mL	188917	09/14/21 09:45	LR	XEN CC
Total/NA	Analysis	9081		1			188941	09/15/21 08:46	AKM	XEN CC
Instrument ID: NOEQUIP										
Total/NA	Analysis	EPA-Lloyd Kahn		1			370393	09/03/21 22:53	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: SB-4-12-22

Lab Sample ID: 180-126590-3

Date Collected: 08/31/21 12:00

Matrix: Solid

Date Received: 09/02/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1			171682	09/16/21 19:28	CPF	TAL BUR
Instrument ID: D422_import										

Lab Chronicle

Client: Southern Company
 Project/Site: Plant Arkwright MNA AP-2 DAS

Job ID: 180-126590-1

Client Sample ID: SB-4-12-22

Lab Sample ID: 180-126590-3

Date Collected: 08/31/21 12:00

Matrix: Solid

Date Received: 09/02/21 09:30

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9081			4.250 g	100 mL	188958	09/15/21 10:15	LR	XEN CC
Total/NA	Analysis	9081		1			188999	09/16/21 14:18	AKM	XEN CC
Instrument ID: NOEQUIP										
Total/NA	Analysis	EPA-Lloyd Kahn		1			370561	09/07/21 19:51	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: SB-5-15-25

Lab Sample ID: 180-126590-4

Date Collected: 08/31/21 13:25

Matrix: Solid

Date Received: 09/02/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1			171682	09/16/21 19:29	CPF	TAL BUR
Instrument ID: D422_import										

Client Sample ID: SB-5-15-25

Lab Sample ID: 180-126590-4

Date Collected: 08/31/21 13:25

Matrix: Solid

Date Received: 09/02/21 09:30

Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9081			4.282 g	100 mL	188958	09/15/21 10:15	LR	XEN CC
Total/NA	Analysis	9081		1			188999	09/16/21 14:18	AKM	XEN CC
Instrument ID: NOEQUIP										
Total/NA	Analysis	EPA-Lloyd Kahn		1			370561	09/07/21 20:08	DLF	TAL PIT
Instrument ID: FLASHEA										

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

XEN CC = Eurofins Xenco, Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2471

Analyst References:

Lab: TAL BUR

Batch Type: Analysis

CPF = Fred Cota

Lab: TAL PIT

Batch Type: Analysis

DLF = Donald Ferguson

Lab: XEN CC

Batch Type: Prep

LR = Lucas Risner

Batch Type: Analysis

AKM = Andrea Martinez

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright MNAAP-2 DAS

Job ID: 180-126590-1

Client Sample ID: SB-1-24.6-34.6

Lab Sample ID: 180-126590-1

Date Collected: 08/31/21 17:40

Matrix: Solid

Date Received: 09/02/21 09:30

Method: D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/16/21 19:23	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			09/16/21 19:23	1
Sand	53.3				%			09/16/21 19:23	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			09/16/21 19:23	1
Coarse Sand	0.0				%			09/16/21 19:23	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			09/16/21 19:23	1
Medium Sand	20.4				%			09/16/21 19:23	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			09/16/21 19:23	1
Fine Sand	32.9				%			09/16/21 19:23	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			09/16/21 19:23	1
Sieve Size 0.375 inch - Percent Finer	100.0				% Passing			09/16/21 19:23	1
Silt	31.7				%			09/16/21 19:23	1
Clay	15.0				%			09/16/21 19:23	1
Sieve Size #4 - Percent Finer	100.0				% Passing			09/16/21 19:23	1
Sieve Size #10 - Percent Finer	100.0				% Passing			09/16/21 19:23	1
Sieve Size #20 - Percent Finer	91.8				% Passing			09/16/21 19:23	1
Sieve Size #40 - Percent Finer	79.6				% Passing			09/16/21 19:23	1
Sieve Size #60 - Percent Finer	67.0				% Passing			09/16/21 19:23	1
Sieve Size #80 - Percent Finer	60.0				% Passing			09/16/21 19:23	1
Sieve Size #100 - Percent Finer	56.3				% Passing			09/16/21 19:23	1
Sieve Size #200 - Percent Finer	46.7				% Passing			09/16/21 19:23	1
Hydrometer Reading 1 - Percent Finer	39.7				% Passing			09/16/21 19:23	1
Hydrometer Reading 2 - Percent Finer	34.7				% Passing			09/16/21 19:23	1
Hydrometer Reading 3 - Percent Finer	26.5				% Passing			09/16/21 19:23	1
Hydrometer Reading 4 - Percent Finer	19.9				% Passing			09/16/21 19:23	1
Hydrometer Reading 5 - Percent Finer	15.0				% Passing			09/16/21 19:23	1
Hydrometer Reading 6 - Percent Finer	8.4				% Passing			09/16/21 19:23	1
Hydrometer Reading 7 - Percent Finer	4.3				% Passing			09/16/21 19:23	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright MNAAP-2 DAS

Job ID: 180-126590-1

Client Sample ID: SB-1-24.6-34.6

Lab Sample ID: 180-126590-1

Date Collected: 08/31/21 17:40

Matrix: Solid

Date Received: 09/02/21 09:30

Percent Solids: 60.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cation Exchange Capacity	54		0.082	0.082	meq/100gm	✱	09/14/21 09:45	09/15/21 08:46	1
Total Organic Carbon - Duplicates	<1200		1600	1200	mg/Kg	✱		09/07/21 17:31	1

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Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright MNAAP-2 DAS

Job ID: 180-126590-1

Client Sample ID: SB-3-15-25

Lab Sample ID: 180-126590-2

Date Collected: 08/30/21 18:00

Matrix: Solid

Date Received: 09/02/21 09:30

Method: D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	11.2				%			09/16/21 19:25	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			09/16/21 19:25	1
Sand	67.6				%			09/16/21 19:25	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			09/16/21 19:25	1
Coarse Sand	8.1				%			09/16/21 19:25	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			09/16/21 19:25	1
Medium Sand	29.0				%			09/16/21 19:25	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			09/16/21 19:25	1
Fine Sand	30.5				%			09/16/21 19:25	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			09/16/21 19:25	1
Sieve Size 0.375 inch - Percent Finer	94.4				% Passing			09/16/21 19:25	1
Silt	12.0				%			09/16/21 19:25	1
Clay	9.2				%			09/16/21 19:25	1
Sieve Size #4 - Percent Finer	88.8				% Passing			09/16/21 19:25	1
Sieve Size #10 - Percent Finer	80.7				% Passing			09/16/21 19:25	1
Sieve Size #20 - Percent Finer	65.4				% Passing			09/16/21 19:25	1
Sieve Size #40 - Percent Finer	51.7				% Passing			09/16/21 19:25	1
Sieve Size #60 - Percent Finer	42.5				% Passing			09/16/21 19:25	1
Sieve Size #80 - Percent Finer	36.7				% Passing			09/16/21 19:25	1
Sieve Size #100 - Percent Finer	32.8				% Passing			09/16/21 19:25	1
Sieve Size #200 - Percent Finer	21.2				% Passing			09/16/21 19:25	1
Hydrometer Reading 1 - Percent Finer	18.3				% Passing			09/16/21 19:25	1
Hydrometer Reading 2 - Percent Finer	16.0				% Passing			09/16/21 19:25	1
Hydrometer Reading 3 - Percent Finer	13.0				% Passing			09/16/21 19:25	1
Hydrometer Reading 4 - Percent Finer	11.5				% Passing			09/16/21 19:25	1
Hydrometer Reading 5 - Percent Finer	9.2				% Passing			09/16/21 19:25	1
Hydrometer Reading 6 - Percent Finer	8.5				% Passing			09/16/21 19:25	1
Hydrometer Reading 7 - Percent Finer	6.2				% Passing			09/16/21 19:25	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright MNAAP-2 DAS

Job ID: 180-126590-1

Client Sample ID: SB-3-15-25

Lab Sample ID: 180-126590-2

Date Collected: 08/30/21 18:00

Matrix: Solid

Date Received: 09/02/21 09:30

Percent Solids: 85.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cation Exchange Capacity	14		0.058	0.058	meq/100gm	✱	09/14/21 09:45	09/15/21 08:46	1
Total Organic Carbon - Duplicates	6800		1200	870	mg/Kg	✱		09/03/21 22:53	1

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Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright MNAAP-2 DAS

Job ID: 180-126590-1

Client Sample ID: SB-4-12-22

Lab Sample ID: 180-126590-3

Date Collected: 08/31/21 12:00

Matrix: Solid

Date Received: 09/02/21 09:30

Method: D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	15.2				%			09/16/21 19:28	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			09/16/21 19:28	1
Sand	77.4				%			09/16/21 19:28	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			09/16/21 19:28	1
Coarse Sand	15.2				%			09/16/21 19:28	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			09/16/21 19:28	1
Medium Sand	35.9				%			09/16/21 19:28	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			09/16/21 19:28	1
Fine Sand	26.3				%			09/16/21 19:28	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			09/16/21 19:28	1
Sieve Size 0.375 inch - Percent Finer	92.8				% Passing			09/16/21 19:28	1
Silt	4.5				%			09/16/21 19:28	1
Clay	2.9				%			09/16/21 19:28	1
Sieve Size #4 - Percent Finer	84.8				% Passing			09/16/21 19:28	1
Sieve Size #10 - Percent Finer	69.6				% Passing			09/16/21 19:28	1
Sieve Size #20 - Percent Finer	50.1				% Passing			09/16/21 19:28	1
Sieve Size #40 - Percent Finer	33.7				% Passing			09/16/21 19:28	1
Sieve Size #60 - Percent Finer	22.5				% Passing			09/16/21 19:28	1
Sieve Size #80 - Percent Finer	16.6				% Passing			09/16/21 19:28	1
Sieve Size #100 - Percent Finer	13.7				% Passing			09/16/21 19:28	1
Sieve Size #200 - Percent Finer	7.4				% Passing			09/16/21 19:28	1
Hydrometer Reading 1 - Percent Finer	6.9				% Passing			09/16/21 19:28	1
Hydrometer Reading 2 - Percent Finer	5.2				% Passing			09/16/21 19:28	1
Hydrometer Reading 3 - Percent Finer	4.1				% Passing			09/16/21 19:28	1
Hydrometer Reading 4 - Percent Finer	3.5				% Passing			09/16/21 19:28	1
Hydrometer Reading 5 - Percent Finer	2.9				% Passing			09/16/21 19:28	1
Hydrometer Reading 6 - Percent Finer	2.4				% Passing			09/16/21 19:28	1
Hydrometer Reading 7 - Percent Finer	1.8				% Passing			09/16/21 19:28	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright MNAAP-2 DAS

Job ID: 180-126590-1

Client Sample ID: SB-4-12-22

Lab Sample ID: 180-126590-3

Date Collected: 08/31/21 12:00

Matrix: Solid

Date Received: 09/02/21 09:30

Percent Solids: 83.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cation Exchange Capacity	8.9		0.060	0.060	meq/100gm	✱	09/15/21 10:15	09/16/21 14:18	1
Total Organic Carbon - Duplicates	<890		1200	890	mg/Kg	✱		09/07/21 19:51	1

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Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright MNAAP-2 DAS

Job ID: 180-126590-1

Client Sample ID: SB-5-15-25

Lab Sample ID: 180-126590-4

Date Collected: 08/31/21 13:25

Matrix: Solid

Date Received: 09/02/21 09:30

Method: D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	4.0				%			09/16/21 19:29	1
Sieve Size 3 inch - Percent Finer	100.0				% Passing			09/16/21 19:29	1
Sand	78.7				%			09/16/21 19:29	1
Sieve Size 2 inch - Percent Finer	100.0				% Passing			09/16/21 19:29	1
Coarse Sand	6.1				%			09/16/21 19:29	1
Sieve Size 1.5 inch - Percent Finer	100.0				% Passing			09/16/21 19:29	1
Medium Sand	29.4				%			09/16/21 19:29	1
Sieve Size 1 inch - Percent Finer	100.0				% Passing			09/16/21 19:29	1
Fine Sand	43.2				%			09/16/21 19:29	1
Sieve Size 0.75 inch - Percent Finer	100.0				% Passing			09/16/21 19:29	1
Sieve Size 0.375 inch - Percent Finer	100.0				% Passing			09/16/21 19:29	1
Silt	13.8				%			09/16/21 19:29	1
Clay	3.5				%			09/16/21 19:29	1
Sieve Size #4 - Percent Finer	96.0				% Passing			09/16/21 19:29	1
Sieve Size #10 - Percent Finer	89.9				% Passing			09/16/21 19:29	1
Sieve Size #20 - Percent Finer	77.5				% Passing			09/16/21 19:29	1
Sieve Size #40 - Percent Finer	60.5				% Passing			09/16/21 19:29	1
Sieve Size #60 - Percent Finer	44.6				% Passing			09/16/21 19:29	1
Sieve Size #80 - Percent Finer	35.2				% Passing			09/16/21 19:29	1
Sieve Size #100 - Percent Finer	30.1				% Passing			09/16/21 19:29	1
Sieve Size #200 - Percent Finer	17.3				% Passing			09/16/21 19:29	1
Hydrometer Reading 1 - Percent Finer	10.2				% Passing			09/16/21 19:29	1
Hydrometer Reading 2 - Percent Finer	8.0				% Passing			09/16/21 19:29	1
Hydrometer Reading 3 - Percent Finer	6.3				% Passing			09/16/21 19:29	1
Hydrometer Reading 4 - Percent Finer	4.6				% Passing			09/16/21 19:29	1
Hydrometer Reading 5 - Percent Finer	3.5				% Passing			09/16/21 19:29	1
Hydrometer Reading 6 - Percent Finer	2.9				% Passing			09/16/21 19:29	1
Hydrometer Reading 7 - Percent Finer	1.8				% Passing			09/16/21 19:29	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Arkwright MNAAP-2 DAS

Job ID: 180-126590-1

Client Sample ID: SB-5-15-25

Lab Sample ID: 180-126590-4

Date Collected: 08/31/21 13:25

Matrix: Solid

Date Received: 09/02/21 09:30

Percent Solids: 93.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cation Exchange Capacity	4.8		0.054	0.054	meq/100gm	✱	09/15/21 10:15	09/16/21 14:18	1
Total Organic Carbon - Duplicates	<800		1100	800	mg/Kg	✱		09/07/21 20:08	1

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TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	SB-1-24.6-34.6
Lab Sample ID	180-126590-A-1

Date Received	9/2/2021
Start Date	09/16/2021 19:23
End Date	09/22/2021 11:00

Dry Weight Determination

Tin Weight	1.03 g
Wet Sample + Tin	22.99 g
Dry Sample + Tin	15.00 g
% Moisture	36.38 %

Non-soil material:	na
Shape (> #10):	na
Hardness (> #10):	na

Date/Time in oven	09/16/2021 19:25
Date/Time out of oven	09/17/2021 13:59

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	44.74	198.04	153.3
Sample Weight (Oven Dried)			97.5

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			0
Sample <#10			97.5
% Passing #10			63.6

Hydrometer Data

Serial Number	542325
Calib. Date (mm/dd/yyyy)	12/18/2019
Low Temp (C)	17.0
Reading at Low Temp	1.0030
High Temp (C)	23.0
Reading at High Temp	1.0020
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.005833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500			0.00 g	100.0	Gravel	
#4	4750			0.00 g	100.0	Gravel	
#10	2000			0.00 g	100.0	Sand	Coarse
#20	850	378.17	386.20	8.03 g	91.8	Sand	Medium
#40	425	366.54	378.40	11.86 g	79.6	Sand	Medium
#60	250	348.07	360.32	12.25 g	67.0	Sand	Fine
#80	180	337.47	344.32	6.85 g	60.0	Sand	Fine
#100	150	327.66	331.31	3.65 g	56.3	Sand	Fine
#200	75	312.57	321.95	9.38 g	46.7	Sand	Fine
				0.00 g	46.7		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	97.5
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Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0265	20.5	29.2	39.7	Silt	
5	5	1.0235	20.5	19.3	34.7	Silt	
15	15	1.0185	20.5	11.8	26.5	Silt	
30	30	1.0145	20.5	8.7	19.9	Silt	
60	63	1.0115	20.5	6.2	15	Silt	
250	253	1.0075	20.5	3.2	8.37	Clay	
1440	1400	1.0050	20.5	1.4	4.26	Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	SB-3-15-25
Lab Sample ID	180-126590-A-2

Date Received	9/2/2021
Start Date	09/16/2021 19:25
End Date	09/22/2021 11:03

Dry Weight Determination

Tin Weight	1.02 g
Wet Sample + Tin	17.28 g
Dry Sample + Tin	13.67 g
% Moisture	22.20 %

Non-soil material:	na
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	09/16/2021 19:27
Date/Time out of oven	09/17/2021 13:59

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	44.10	180.46	136.36
Sample Weight (Oven Dried)			106

Hydrometer Data

Serial Number	542325
Calib. Date (mm/dd/yyyy)	12/18/2019
Low Temp (C)	17.0
Reading at Low Temp	1.0030
High Temp (C)	23.0
Reading at High Temp	1.0020
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.005833333
Default Soil Gravity	2.6500

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			20.4
Sample <#10			85.6
% Passing #10			62.8

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	447.19	453.09	5.90 g	94.4	Gravel	
#4	4750	487.98	493.89	5.91 g	88.8	Gravel	
#10	2000	462.59	471.19	8.60 g	80.7	Sand	Coarse
#20	850	373.41	389.61	16.20 g	65.4	Sand	Medium
#40	425	361.84	376.33	14.49 g	51.7	Sand	Medium
#60	250	351.94	361.66	9.72 g	42.5	Sand	Fine
#80	180	318.93	325.12	6.19 g	36.7	Sand	Fine
#100	150	328.25	332.42	4.17 g	32.8	Sand	Fine
#200	75	313.99	326.24	12.25 g	21.2	Sand	Fine
				0.00 g	21.2		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	106
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Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0145	20.5	33.9	18.3	Silt	
5	5	1.0130	20.5	21.8	16	Silt	
15	15	1.0110	20.5	12.8	13	Silt	
30	30	1.0100	20.5	9.2	11.5	Silt	
60	57	1.0085	20.5	6.7	9.22	Silt	
250	247	1.0080	20.5	3.3	8.46	Clay	
1440	1394	1.0065	20.5	1.4	6.19	Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	SB-4-12-22
Lab Sample ID	180-126590-A-3

Date Received	9/2/2021
Start Date	09/16/2021 19:28
End Date	09/22/2021 11:16

Dry Weight Determination

Tin Weight	1.02 g
Wet Sample + Tin	23.40 g
Dry Sample + Tin	20.27 g
% Moisture	13.99 %

Non-soil material:	na
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	09/16/2021 19:29
Date/Time out of oven	09/17/2021 14:00

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.84	212.91	165.07
Sample Weight (Oven Dried)			142

Hydrometer Data

Serial Number	542325
Calib. Date (mm/dd/yyyy)	12/18/2019
Low Temp (C)	17.0
Reading at Low Temp	1.0030
High Temp (C)	23.0
Reading at High Temp	1.0020
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.005833333
Default Soil Gravity	2.6500

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			43.1
Sample <#10			98.9
% Passing #10			59.9

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500	447.19	457.36	10.17 g	92.8	Gravel	
#4	4750	487.98	499.33	11.35 g	84.8	Gravel	
#10	2000	462.59	484.14	21.55 g	69.6	Sand	Coarse
#20	850	378.17	405.83	27.66 g	50.1	Sand	Medium
#40	425	366.54	389.77	23.23 g	33.7	Sand	Medium
#60	250	348.07	363.94	15.87 g	22.5	Sand	Fine
#80	180	337.47	345.83	8.36 g	16.6	Sand	Fine
#100	150	327.66	331.73	4.07 g	13.7	Sand	Fine
#200	75	312.57	321.47	8.90 g	7.4	Sand	Fine
				0.00 g	7.4		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	142
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Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0085	20.5	36	6.88	Silt	
5	5	1.0070	20.5	23.1	5.18	Silt	
15	15	1.0060	20.5	13.4	4.05	Silt	
30	30	1.0055	20.5	9.5	3.49	Silt	
60	63	1.0050	20.5	6.6	2.92	Silt	
250	241	1.0045	20.5	3.4	2.36	Clay	
1440	1388	1.0040	20.5	1.4	1.79	Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	SB-5-15-25
Lab Sample ID	180-126590-A-4

Date Received	9/2/2021
Start Date	09/16/2021 19:29
End Date	09/22/2021 11:20

Dry Weight Determination

Tin Weight	1.03 g
Wet Sample + Tin	22.02 g
Dry Sample + Tin	20.51 g
% Moisture	7.19 %

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	09/16/2021 19:31
Date/Time out of oven	09/17/2021 14:00

Sample Weights

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	44.08	197.93	153.85
Sample Weight (Oven Dried)			143

Sample Split (oven dried)

	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			14.5
Sample <#10			129
% Passing #10			83.8

Hydrometer Data

Serial Number	542325
Calib. Date (mm/dd/yyyy)	12/18/2019
Low Temp (C)	17.0
Reading at Low Temp	1.0030
High Temp (C)	23.0
Reading at High Temp	1.0020
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.005833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample	% Finer	Classification	Sub Class
3 inch	75000			0.00 g	100.0	Gravel	
2 inch	50000			0.00 g	100.0	Gravel	
1.5 inch	37500			0.00 g	100.0	Gravel	
1 inch	25000			0.00 g	100.0	Gravel	
3/4 inch	19000			0.00 g	100.0	Gravel	
3/8 inch	9500			0.00 g	100.0	Gravel	
#4	4750	487.98	493.71	5.73 g	96.0	Gravel	
#10	2000	462.59	471.33	8.74 g	89.9	Sand	Coarse
#20	850	373.41	391.18	17.77 g	77.5	Sand	Medium
#40	425	361.84	386.17	24.33 g	60.5	Sand	Medium
#60	250	351.94	374.67	22.73 g	44.6	Sand	Fine
#80	180	318.93	332.40	13.47 g	35.2	Sand	Fine
#100	150	328.25	335.57	7.32 g	30.1	Sand	Fine
#200	75	313.99	332.36	18.37 g	17.3	Sand	Fine
				0.00 g	17.3		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	143
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Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)				Particle Size		Classification	Sub Class
	Actual	Spec. Gravity	Temp C	(Micron)	% Finer		
2	2	1.0115	20.5	34.9	10.2	Silt	
5	5	1.0095	20.5	22.5	7.96	Silt	
15	15	1.0080	20.5	13.2	6.27	Silt	
30	31	1.0065	20.5	9.3	4.59	Silt	
60	57	1.0055	20.5	6.9	3.46	Silt	
250	235	1.0050	20.5	3.4	2.9	Clay	
1440	1382	1.0040	20.5	1.4	1.78	Clay	

QC Sample Results

Client: Southern Company
Project/Site: Plant Arkwright MNAAP-2 DAS

Job ID: 180-126590-1

Method: 9081 - Cation Exchange Capacity (CEC)

Lab Sample ID: MB 560-188917/1-A
Matrix: Solid
Analysis Batch: 188941

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 188917

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cation Exchange Capacity	<0.050		0.050	0.050	meq/100gm		09/14/21 09:45	09/15/21 08:46	1

Lab Sample ID: MB 560-188958/1-A
Matrix: Solid
Analysis Batch: 188999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 188958

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cation Exchange Capacity	<0.050		0.050	0.050	meq/100gm		09/15/21 10:15	09/16/21 14:18	1

Lab Sample ID: 180-126590-3 DU
Matrix: Solid
Analysis Batch: 188999

Client Sample ID: SB-4-12-22
Prep Type: Total/NA
Prep Batch: 188958

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cation Exchange Capacity	8.9		9.70		meq/100gm	✳	9	20

Method: EPA-Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 180-370393/58
Matrix: Solid
Analysis Batch: 370393

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 - Duplicates	<750		1000	750	mg/Kg			09/03/21 20:11	1

Lab Sample ID: LCS 180-370393/59
Matrix: Solid
Analysis Batch: 370393

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 - Duplicates	38200	33500		mg/Kg		88	75 - 125

Lab Sample ID: MB 180-370561/4
Matrix: Solid
Analysis Batch: 370561

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 - Duplicates	<750		1000	750	mg/Kg			09/07/21 13:57	1

Lab Sample ID: LCS 180-370561/5
Matrix: Solid
Analysis Batch: 370561

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 - Duplicates	38200	38200		mg/Kg		100	75 - 125

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Plant Arkwright MNA AP-2 DAS

Job ID: 180-126590-1

General Chemistry

Prep Batch: 188917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126590-1	SB-1-24.6-34.6	Total/NA	Solid	9081	
180-126590-2	SB-3-15-25	Total/NA	Solid	9081	
MB 560-188917/1-A	Method Blank	Total/NA	Solid	9081	

Analysis Batch: 188941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126590-1	SB-1-24.6-34.6	Total/NA	Solid	9081	188917
180-126590-2	SB-3-15-25	Total/NA	Solid	9081	188917
MB 560-188917/1-A	Method Blank	Total/NA	Solid	9081	188917

Prep Batch: 188958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126590-3	SB-4-12-22	Total/NA	Solid	9081	
180-126590-4	SB-5-15-25	Total/NA	Solid	9081	
MB 560-188958/1-A	Method Blank	Total/NA	Solid	9081	
180-126590-3 DU	SB-4-12-22	Total/NA	Solid	9081	

Analysis Batch: 188999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126590-3	SB-4-12-22	Total/NA	Solid	9081	188958
180-126590-4	SB-5-15-25	Total/NA	Solid	9081	188958
MB 560-188958/1-A	Method Blank	Total/NA	Solid	9081	188958
180-126590-3 DU	SB-4-12-22	Total/NA	Solid	9081	188958

Analysis Batch: 370393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126590-2	SB-3-15-25	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-370393/58	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-370393/59	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	

Analysis Batch: 370561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126590-1	SB-1-24.6-34.6	Total/NA	Solid	EPA-Lloyd Kahn	
180-126590-3	SB-4-12-22	Total/NA	Solid	EPA-Lloyd Kahn	
180-126590-4	SB-5-15-25	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-370561/4	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-370561/5	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	

Geotechnical

Analysis Batch: 171682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126590-1	SB-1-24.6-34.6	Total/NA	Solid	D422	
180-126590-2	SB-3-15-25	Total/NA	Solid	D422	
180-126590-3	SB-4-12-22	Total/NA	Solid	D422	
180-126590-4	SB-5-15-25	Total/NA	Solid	D422	

Chain of Custody Record



-14290.2

180-126590 Chain of Custody

Client Information	Sampler: Shoredits, Andreas	Lab PM: Brown, Shali
Client Contact: Joju Abraham	Phone: (770) 380-0861	E-Mail: Shali.Brown@Eurofinset.com
Company: Southern Company	PWSID:	

Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:	Analysis Requested (Yes or No) 6010D_SEP_Calc - SEP - As Co Li Mo (Knoxville) 6010D_Total AsCo Li Mo (Knoxville) SEP on HOLD pending Total Metals Lloyd_Kahn_Mod - Lloyd Kahn D422 - Grain Size (Sieve&Hydrometer) (sub Burlington) 9081 - Cation Exchange Capacity (CEC) (sub Xenco CC) Arsenic Speciation (Pittsburgh) Moisture - Moisture/Solids for dry weight	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 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)
City: Atlanta	TAT Requested (days): STANDARD		
State, Zip: GA, 30308	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Phone:	PO #: 6122201429.2109		
Email: JAbraham@southernco.com	WO #:		
Project Name: Arkwright MNA - AP-2 DAS	Project #: 18020201		
Site: Georgia	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	6010D_SEP_Calc - SEP - As Co Li Mo (Knoxville)	6010D_Total AsCo Li Mo (Knoxville)	SEP on HOLD pending Total Metals	Lloyd_Kahn_Mod - Lloyd Kahn	D422 - Grain Size (Sieve&Hydrometer) (sub Burlington)	9081 - Cation Exchange Capacity (CEC) (sub Xenco CC)	Arsenic Speciation (Pittsburgh)	Moisture - Moisture/Solids for dry weight	Total Number of containers	Special Instructions/Note:
AS- SB-1-24.6-34.6 8/31/21	8/31/21	17:40	C	S	X	X	X	X	X	X	X	X	X	5	Co Li Mo for Total Metal and Pending SEP analysis
SB-2-24-32			C	S		X	X	X	X	X	X	X	X		[Arsenic] Co Li Mo for Total Metal and Pending SEP analysis
SB-3-15-25	8/30/21	18:00	C	S		X	X	X	X	X	X	X	X	5	Co Li Mo for Total Metal and Pending SEP analysis
SB-4-12-22	8/31/21	12:00	C	S		X	X	X	X	X	X	X	X	6	[Arsenic] Co Li Mo for Total Metal and Pending SEP analysis
SB-5-15-25	8/31/21	13:25	C	S		X	X	X	X	X	X	X	X	5	Co Li Mo for Total Metal and Pending SEP analysis

Possible Hazard Identification <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	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <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: Andreas Shoredits	Date/Time: 8/31/21 18:55	Company: Wood E&IS	Received by: DW Adams 9-2-21 9:30
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
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Environment Testing
TestAmerica

10/19/2024 EXP 09/22

ORIGIN ID: LIVA (770) 421-3365
DAVID FULLER PICKING UP
WOOD E&I
1075 BIG SHANTY ROAD N.W., SUITE 10
KENNESAW, GA 30144
UNITED STATES US

TO **SAMPLE RECEIVING**
ETA PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

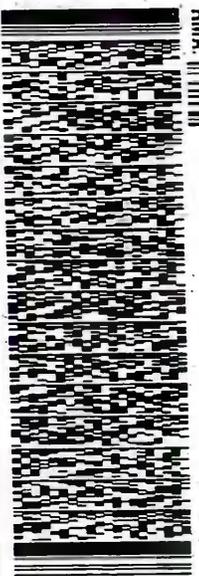
(412) 983-7058
REF: S180 - 73954

RMA: ||| ||| |||



180-126590 Waybill

321
3 MIN
3:409



FedEx
TRK# 1516 9332 3783
0221

WED - 01 SEP 10:30A
PRIORITY OVERNIGHT

NA AGCA

15238
PA-US PIT

Uncorrected temp
Thermometer ID

42 °C

CF Initials

PT-W-SR-001 effective 11/8/18



05130334 08/31 56012/SECO/FE46



Environment Testing
TestAmerica

ORIGIN ID: LIYA (770) 421-3365
DAVID FULLER PICKING UP
WOOD #4
1075 BIG SHANTY ROAD N.W., SUITE 10

KENNESAW, GA 30144
UNITED STATES US

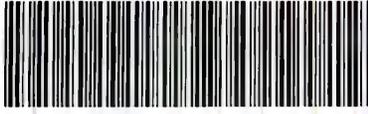
TO **SAMPLE RECEIVING**
ETA PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

(412) 863-7068

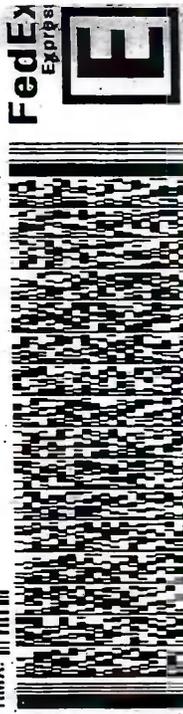
REF: S180 - 73954

RMA: |||||



180-126590 Waybill

321
3 MAN
3:3409



FedEx

TRK# 0221

1516 9332 3783

NA AGCA

WED - 01 SEP 10:30A
PRIORITY OVERNIGHT

15238

PA-US PIT

Uncorrected temp
Thermometer ID

4.2 °C
16

CF Initials

CF Initials

PT-WI-SR-001 effective 11/8/18

6138934 08/31 56DJ2/56CO/FE46



Chain of Custody Record



Client Information (Sub Contract Lab)		Lab PM: Brown, Shali	Carrier Tracking No(s): 180-443234.1
Shipping/Receiving		E-Mail: Shali.Brown@Eurofinset.com	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): 180-126590-1	
Address: 5815 Middlebrook Pike, Knoxville TN, 37921		Analysis Requested	
Phone: 865-291-3000(Tel) 865-584-4315(Fax)		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)	
Project Name: Plant Arkwright MNA AP-2 DAS		Total Number of Containers	
Site: Arkwright		6010B/SEP_Tot_Prep (MOD) Total	
Due Date Requested: 9/16/2021		Field Filtered Sample (Yes or No)	
TAT Requested (days):		Perform MS/MSD (Yes or No)	
PO #:		Special Instructions/Note:	
WO #:		1 SEP pending Total results	
Project #: 18020201		1 SEP pending Total results	
SSOW#:		1 SEP pending Total results	
Sample Identification - Client ID (Lab ID)		1 SEP pending Total results	
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=Air)
8/31/21	17:40 Eastern		Solid
8/30/21	18:00 Eastern		Solid
8/31/21	12:00 Eastern		Solid
8/31/21	13:25 Eastern		Solid
180-126590 Chain of Custody			
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.			
Possible Hazard Identification			
Unconfirmed			
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2			
Empty Kit Relinquished by: <i>AW</i> Date: 9/17/21 12:00			
Relinquished by: <i>AW</i> Date: 9/17/21 12:00			
Relinquished by: <i>AW</i> Date: 9/17/21 12:00			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Custody Seal No.:			
Cooler Temperature(s) °C and Other Remarks:			



EUROFINS/TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Are the shipping containers intact?	/			<input type="checkbox"/> Containers, Broken	(CUSTOMER SEALS INTACT)
2. Were ambient air containers received intact?			/	<input type="checkbox"/> Checked in lab	RECEIVED AT RT 03/CTO:46
3. The coolers/containers custody seal if present, is it intact?	/			<input type="checkbox"/> Yes <input type="checkbox"/> NA	APR 9-14-21
4. Is the cooler temperature within limits? (> freezing temp. of water to 6°C, VOST: 10°C) Thermometer ID: 5271 Correction factor: +0.1°C	/			<input type="checkbox"/> Cooler Out of Temp, Client Contacted, Proceed/Cancel <input type="checkbox"/> Cooler Out of Temp, Same Day Receipt	(COOLER FAX# 16695109 2011) POS
5. Were all of the sample containers received intact?	/			<input type="checkbox"/> Containers, Broken	
6. Were samples received in appropriate containers?	/			<input type="checkbox"/> Containers, Improper; Client Contacted; Proceed/Cancel	
7. Do sample container labels match COC? (IDs, Dates, Times)	/			<input type="checkbox"/> COC & Samples Do Not Match <input type="checkbox"/> COC Incorrect/Incomplete <input type="checkbox"/> COC Not Received	
8. Were all of the samples listed on the COC received?	/			<input type="checkbox"/> Sample Received, Not on COC <input type="checkbox"/> Sample on COC, Not Received	
9. Is the date/time of sample collection noted?	/			<input type="checkbox"/> COC; No Date/Time; Client Contacted	Labeling Verified by: _____ Date: _____
10. Was the sampler identified on the COC?	/		/	<input type="checkbox"/> Sampler Not Listed on COC	
11. Is the client and project name/# identified?	/			<input type="checkbox"/> COC Incorrect/Incomplete	
12. Are tests/parameters listed for each sample?	/			<input type="checkbox"/> COC No tests on COC	pH test strip lot number: _____
13. Is the matrix of the samples noted?	/			<input type="checkbox"/> COC Incorrect/Incomplete	
14. Was COC relinquished? (Signed/Dated/Timed)	/			<input type="checkbox"/> COC Incorrect/Incomplete	Box 16A: pH Preservation Box 18A: Residual Chlorine
15. Were samples received within holding time?	/			<input type="checkbox"/> Holding Time - Receipt	Preservative: _____
16. Were samples received with correct chemical preservative (excluding Encore)?	/		/	<input type="checkbox"/> pH Adjusted, pH Included (See box 16A) <input type="checkbox"/> Incorrect Preservative	Lot Number: _____ Exp Date: _____ Analyst: _____ Date: _____ Time: _____
17. Were VOA samples received without headspace?	/		/	<input type="checkbox"/> Headspace (VOA only) <input type="checkbox"/> Residual Chlorine	
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:	/		/		
19. For 1613B water samples is pH<9?	/		/	<input type="checkbox"/> If no, notify lab to adjust	
20. For rad samples was sample activity info. Provided?	/		/	<input type="checkbox"/> Project missing info	
Project #: _____ PM Instructions: _____					
Sample Receiving Associate: <u>Randy Jones</u> Date: <u>4-14-21</u>					

QA026R32.doc, 062719



Eurofins TestAmerica, Pittsburgh
 301 Alpha Drive RIDC Park
 Pittsburgh, PA 15238
 Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

irofins Environment Testing America



180-126590 Chain of Custody

Client Information (Sub Contract Lab)		Lab PM: Brown, Shali	Page: 443236.1																																													
Client Contact: Shipping/Receiving		E-Mail: Shali.Brown@Eurofinset.com	Page 1 of 1																																													
Company: TestAmerica Laboratories, Inc.		State of Origin: Georgia	Job #: 180-126590-1																																													
Address: 530 Community Drive, Suite 11, South Burlington, VT, 05403		Accreditations Required (See note):																																														
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:	Analysis Requested:																																														
Email:	WO #:	Total Number of Containers:																																														
Project Name: Plant Arkwright MNA AP-2 DAS	Project #: 18020201	Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - As/NaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 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:																																														
Site: Arkwright	SSOW#:	Special Instructions/Note:																																														
<table border="1"> <thead> <tr> <th>Sample Identification - Client ID (Lab 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=waste/oil)</th> <th>Preservation Code:</th> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MMSD (Yes or No)</th> <th>D422 Grain Size (Sieve and Hydrometer)</th> </tr> </thead> <tbody> <tr> <td>SB-1-24.6-34.6 (180-126590-1)</td> <td>8/31/21</td> <td>17:40 Eastern</td> <td>Solid</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>SB-3-15-25 (180-126590-2)</td> <td>8/30/21</td> <td>18:00 Eastern</td> <td>Solid</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>SB-4-12-22 (180-126590-3)</td> <td>8/31/21</td> <td>12:00 Eastern</td> <td>Solid</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>SB-5-15-25 (180-126590-4)</td> <td>8/31/21</td> <td>13:25 Eastern</td> <td>Solid</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> </tbody> </table>				Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MMSD (Yes or No)	D422 Grain Size (Sieve and Hydrometer)	SB-1-24.6-34.6 (180-126590-1)	8/31/21	17:40 Eastern	Solid			X			SB-3-15-25 (180-126590-2)	8/30/21	18:00 Eastern	Solid			X			SB-4-12-22 (180-126590-3)	8/31/21	12:00 Eastern	Solid			X			SB-5-15-25 (180-126590-4)	8/31/21	13:25 Eastern	Solid			X		
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MMSD (Yes or No)	D422 Grain Size (Sieve and Hydrometer)																																								
SB-1-24.6-34.6 (180-126590-1)	8/31/21	17:40 Eastern	Solid			X																																										
SB-3-15-25 (180-126590-2)	8/30/21	18:00 Eastern	Solid			X																																										
SB-4-12-22 (180-126590-3)	8/31/21	12:00 Eastern	Solid			X																																										
SB-5-15-25 (180-126590-4)	8/31/21	13:25 Eastern	Solid			X																																										
<p>Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.</p>																																																
<p>Possible Hazard Identification</p> <p>Unconfirmed</p> <p>Deliverable Requested: I, II, III, IV, Other (specify) _____</p> <p>Primary Deliverable Rank: 2</p> <p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p>																																																
<p>Empty Kit Relinquished by: _____ Date: _____</p> <p>Relinquished by: <i>MD</i> Date: 8/31/21 Time: 17:00</p> <p>Relinquished by: <i>Shali Brown</i> Date: 9/1/21 Time: 09:58</p> <p>Relinquished by: _____ Date: _____ Time: _____</p> <p>Custody Seals Intact: _____ Custody Seal No.: _____</p> <p>Δ Yes Δ No</p>																																																



Environment Testing
TestAmerica

169-434 RIT2 EXP 06/22

ORIGIN ID: AGCA (412) 963-7068
PITTSBURGH SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DRIVE

SHIP DATE: 03SEP21
ACTWGT: 30.00 LB MAN
CAD: 741733/CAFE3506

PITTSBURGH, PA 152381330
UNITED STATES US

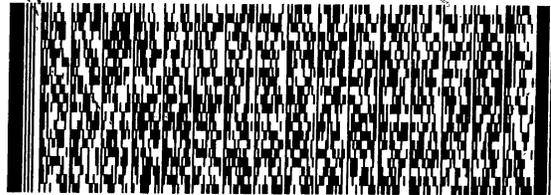
BILL SENDER

TO **SHIPPING/RECEIVING**
TESTAMERICA LABORATORIES, INC.
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990
PO: YES

REF: S180-74172

DEPT: SAMPLE RECEIVING

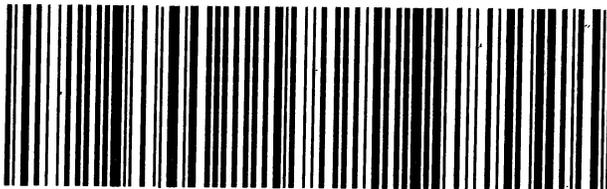


SATURDAY 12:00P
PRIORITY OVERNIGHT

TRK# 1689 5109 2050
0201

XO BTVA

05403
VT-US **BTV**



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- 12
- 13

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:						
Client Contact:		Brown, Shali	Brown, Shali		180-443227.1						
Shipping/Receiving		Phone:	E-Mail:	State of Origin:	Page:						
Company:			Shali.Brown@Eurofinset.com	Georgia	Page 1 of 1						
Eurofins Xenco		Accreditations Required (See note)									
Address:		Due Date Requested:									
1733 N. Padre Island Drive,		9/16/2021									
City:		TAT Requested (days):									
Corpus Christi		7									
State, Zip:		PO #:									
TX, 78408		WO #:									
Phone:		Project #:									
361-289-2471(Tel) 361-289-2673(Fax)		18020201									
Email:		SSOW#:									
Project Name:		Field Filled Sample (Yes or No)									
Plant Arkwright MNA AP-2 DAS		Perform MS/MSD (Yes or No)									
Site:		90819081 Prep (MO) Cation Exchange Capacity (CEC)									
Arkwright		Total Number of Containers									
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=water/oil, BT=BIOSUB, A=ALU)	Preservation Code:	Field Filled Sample (Yes or No)	Perform MS/MSD (Yes or No)	90819081 Prep (MO) Cation Exchange Capacity (CEC)	Analysis Requested	Preservation Codes:
SB-1-24 6-34.6 (180-126590-1)	8/31/21	17:40 Eastern	Solid				X	X		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:	
SB-3-15-25 (180-126590-2)	8/30/21	18:00 Eastern	Solid				X	X		M - Hexane N - None O - AshNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecylhydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
SB-4-12-22 (180-126590-3)	8/31/21	12:00 Eastern	Solid				X	X			
SB-5-15-25 (180-126590-4)	8/31/21	13:25 Eastern	Solid				X	X			
Special Instructions/Note:											
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/elements being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.											
Possible Hazard Identification											
Unconfirmed											
Deliverable Requested: I, II, III, IV, Other (specify)											
Primary Deliverable Rank: 2											
Empty Kit Relinquished by:											
Relinquished by: MO											
Relinquished by:											
Relinquished by:											
Custody Seals Intact: Custody Seal No.:											
Δ Yes Δ No											
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months											
Special Instructions/QC Requirements:											
Method of Shipment:											
Date/Time:											
Date/Time:											
Date/Time:											
Date/Time:											
Cooler Temperature(s) °C and Other Remarks:											
Temp = 0.1/0.1 CG F 10											

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126590-1

Login Number: 126590

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126590-1

Login Number: 126590

List Number: 4

Creator: Sofio, Michael G

List Source: Eurofins TestAmerica, Burlington

List Creation: 09/04/21 12:38 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
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	0.3°C
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?	N/A	Received project as a subcontract.
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.	N/A	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126590-1

Login Number: 126590

List Number: 3

Creator: Hunter, Jeffery A

List Source: Eurofins Xenco, Corpus Christi

List Creation: 09/04/21 11:16 AM

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	
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	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.





Ellington Geological Services

Quantitative XRD Analysis

Bulk and Clay

8 Samples

by

Yingqian (Chan) Xiong

18 October 2021

Ellington Geological Services, LLC

1414 Lumpkin Road

Houston, TX 77040 USA

T: +1 281-888-9154

www.ellingtongeo.com

1. Samples

Well/Sample ID	Depth (m/ft)	Number of Samples	Study
SB-1,SB-3 – SB-9	N/A	8	XRD

2. Methods

X-Ray Diffraction (XRD)

X-ray diffraction (XRD) analysis was utilized to identify minerals and quantify weight percentage. In XRD analysis, a focused X-ray beam interacts with the electrons in minerals' atomic crystal structure, recording regular and diagnostic patterns indicative of mineral crystal dimensions. Characteristic diffraction peaks were used by the interpreters to identify individual mineral phases. Our software allows for the careful selection of experimental parameters in modeling the experimental patterns to determine mineral weight percentages.

Instrument

Bruker D2

Sample Preparation

These bulk samples were disaggregated with a mortar and pestle and then micronized. The samples were spray dried and fine powder of each sample was carefully top loaded into an XRD sample holder for maximize random grain orientation and an even surface. Then each sample was run at 0.020 degree/step. The clay fractions were separated after dispersed in distilled water with dispersant (Sodium Hexametaphosphate). Clay suspensions were then deposited to glass slides. Each clay sample was dried at low temperature (60 degree Celcius) prior to XRD analysis and then saturated overnight by ethylene glycol for subsequent analysis. Occasionally, a heat treatment is necessary, in which case the slides are heated for 1 hour at 550°C prior to further XRD analysis.

Data Processing

Mineral identification was performed with JADE version 9.5 software. This version is equipped with the International Centre for Diffraction Data's (ICDD) PDF-2 Minerals Database, containing over 298,000 reference-XRD patterns. Quantitative analysis of

minerals was performed by the Rietveld method with no accounting for any amorphous phases. The results are normalized to 100% based on the assumption that the complete mineral content of the sample is accounted for in the XRD patterns.

3. Summary of Results

- There are no carbonates in this set of samples.
- Maghemite and goethite present in the first sample SB-1, in which kaolinite is the major mineral.
- Quartz and plagioclase are the major minerals in all other samples SB-3 to SB-9. Smectite presents in sample SB-6 and SB-9.

4. Data File

The data are in .xlsx format with file name “2021-1124_Wood_Arkwright AP2 DAS & AP3_XRD B+C_XRF_ICP Results” Tab “XRD”.



Ellington Geological Services, LLC

1414 Lumpkin Rd.
Houston, TX 77043
<https://www.ellingtongeo.com>

Client: **Wood Environment and Infrastructure Solutions**
Client Project Name: **GPC Arkwright AP2 DAS and AP3**
Client Project Number: **6122201429 Phase 2109**
Depth Interval: **N/A**
Sample Type: **Soil**

EA Project #: **2021-1124**
Report Date: **18 October 2021**
Sample Number: **8**
Data Type(s): **XRF**

Results of XRF Analysis

Displayed as Elements Only		Project	Sample	Al (ppm)	Si (ppm)	Ti (ppm)	Fe (ppm)	Mn (ppm)	Mg (ppm)	Ca (ppm)	K (ppm)	P (ppm)	Na (ppm)	S (ppm)	As (ppm)	Ba (ppm)	Bi (ppm)	Cd (ppm)	Co (ppm)	Cl (%)	Cr (ppm)	Cu (ppm)	Hg (ppm)	La (ppm)	Mo (ppm)
GPC Arkwright AP2 DAS and AP3	SB-1-24.6-34.6			98,000	146,000	8,700	241,200	3,124	41,900	5,661	ND	661	ND	ND	ND	852	ND	ND	ND	ND	727	ND	ND	ND	ND
GPC Arkwright AP2 DAS and AP3	SB-3-15-25			75,500	294,100	ND	53,700	1,104	60,300	22,218	ND	ND	ND	ND	ND	590	ND	ND	ND	ND	574	ND	ND	ND	12
GPC Arkwright AP2 DAS and AP3	SB-4-12-22			73,200	307,300	ND	58,700	929	66,400	27,371	ND	ND	ND	ND	ND	381	ND	ND	ND	ND	ND	ND	ND	ND	7
GPC Arkwright AP2 DAS and AP3	SB-5-15-25			96,300	287,300	4,500	71,600	1,150	66,800	28,758	ND	ND	ND	ND	ND	405	ND	ND	ND	ND	853	ND	ND	ND	9
GPC Arkwright AP2 DAS and AP3	SB-6-17-25			124,100	201,600	5,700	150,400	2,891	68,100	36,546	ND	ND	ND	ND	ND	221	ND	ND	ND	ND	898	ND	ND	ND	ND
GPC Arkwright AP2 DAS and AP3	SB-7-20-30			80,700	259,000	4,000	81,600	2,130	61,700	36,547	ND	ND	ND	ND	ND	182	ND	ND	ND	ND	766	ND	ND	ND	15
GPC Arkwright AP2 DAS and AP3	SB-8-20.6-30.6			112,300	222,800	4,300	107,200	2,225	63,900	27,048	ND	ND	ND	ND	ND	301	ND	ND	ND	ND	597	ND	ND	ND	5
GPC Arkwright AP2 DAS and AP3	SB-9-29.6-39.6			85,800	277,200	ND	72,300	1,459	59,800	30,903	ND	ND	ND	ND	ND	197	ND	ND	ND	ND	670	ND	ND	ND	8

Displayed with Major Oxides		Project	Sample	Al2O3 (%)	SiO2 (%)	TiO2 (%)	Fe2O3 (%)	MnO (%)	MgO (%)	CaO (%)	K2O (%)	P2O5 (%)	Na2O (%)	S (ppm)	As (ppm)	Ba (ppm)	Bi (ppm)	Cd (ppm)	Co (ppm)	Cl (%)	Cr (ppm)	Cu (ppm)	Hg (ppm)	La (ppm)	Mo (ppm)
GPC Arkwright AP2 DAS and AP3	SB-1-24.6-34.6			18.5	31.2	1.5	34.5	0.4	6.9	0.8	ND	0.2	ND	ND	ND	852	ND	ND	ND	ND	727	ND	ND	ND	ND
GPC Arkwright AP2 DAS and AP3	SB-3-15-25			14.3	62.9	ND	7.7	0.1	10.0	3.1	ND	ND	ND	ND	ND	590	ND	ND	ND	ND	574	ND	ND	ND	12
GPC Arkwright AP2 DAS and AP3	SB-4-12-22			13.8	65.7	ND	8.4	0.1	11.0	3.8	ND	ND	ND	ND	ND	381	ND	ND	ND	ND	ND	ND	ND	ND	7
GPC Arkwright AP2 DAS and AP3	SB-5-15-25			18.2	61.5	0.8	10.2	0.1	11.1	4.0	ND	ND	ND	ND	ND	405	ND	ND	ND	ND	853	ND	ND	ND	9
GPC Arkwright AP2 DAS and AP3	SB-6-17-25			23.4	43.1	1.0	21.5	0.4	11.3	5.1	ND	ND	ND	ND	ND	221	ND	ND	ND	ND	898	ND	ND	ND	ND
GPC Arkwright AP2 DAS and AP3	SB-7-20-30			15.2	55.4	0.7	11.7	0.3	10.2	5.1	ND	ND	ND	ND	ND	182	ND	ND	ND	ND	766	ND	ND	ND	15
GPC Arkwright AP2 DAS and AP3	SB-8-20.6-30.6			21.2	47.7	0.7	15.3	0.3	10.6	3.8	ND	ND	ND	ND	ND	301	ND	ND	ND	ND	597	ND	ND	ND	5
GPC Arkwright AP2 DAS and AP3	SB-9-29.6-39.6			16.2	59.3	ND	10.3	0.2	9.9	4.3	ND	ND	ND	ND	ND	197	ND	ND	ND	ND	670	ND	ND	ND	8



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Client Project Number: **6122201429 Phase 2109**
Depth Interval: **N/A**
Sample Type: **Soil**

EA Project #: **2021-1124**
Report Date: **18 October 2021**
Sample Number: **8**
Data Type(s): **XRF**

Results of XRF Analysis

Displayed as Elements Only		Project	Sample	Nb (ppm)	Ni (ppm)	Pb (ppm)	Se (ppm)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Th (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
GPC Arkwright AP2 DAS and AP3	SB-1-24.6-34.6			ND	ND	ND	ND	ND	81	ND	ND	ND	ND	ND	35	204	77
GPC Arkwright AP2 DAS and AP3	SB-3-15-25			10	ND	ND	ND	ND	244	ND	ND	ND	ND	ND	29	71	155
GPC Arkwright AP2 DAS and AP3	SB-4-12-22			4	ND	ND	ND	ND	229	ND	ND	ND	ND	ND	16	64	95
GPC Arkwright AP2 DAS and AP3	SB-5-15-25			12	ND	24	ND	ND	324	99	18	ND	ND	ND	24	85	196
GPC Arkwright AP2 DAS and AP3	SB-6-17-25			7	ND	ND	ND	ND	85	ND	ND	ND	ND	ND	55	172	95
GPC Arkwright AP2 DAS and AP3	SB-7-20-30			7	ND	ND	ND	ND	195	ND	ND	ND	ND	ND	41	122	122
GPC Arkwright AP2 DAS and AP3	SB-8-20.6-30.6			9	ND	ND	ND	ND	149	ND	ND	ND	ND	ND	62	143	94
GPC Arkwright AP2 DAS and AP3	SB-9-29.6-39.6			4	ND	ND	ND	ND	284	ND	ND	ND	ND	ND	34	116	87

Displayed with Major Oxides		Project	Sample	Nb (ppm)	Ni (ppm)	Pb (ppm)	Se (ppm)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Th (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
GPC Arkwright AP2 DAS and AP3	SB-1-24.6-34.6			ND	ND	ND	ND	ND	81	ND	ND	ND	ND	ND	35	204	77
GPC Arkwright AP2 DAS and AP3	SB-3-15-25			10	ND	ND	ND	ND	244	ND	ND	ND	ND	ND	29	71	155
GPC Arkwright AP2 DAS and AP3	SB-4-12-22			4	ND	ND	ND	ND	229	ND	ND	ND	ND	ND	16	64	95
GPC Arkwright AP2 DAS and AP3	SB-5-15-25			12	ND	24	ND	ND	324	99	18	ND	ND	ND	24	85	196
GPC Arkwright AP2 DAS and AP3	SB-6-17-25			7	ND	ND	ND	ND	85	ND	ND	ND	ND	ND	55	172	95
GPC Arkwright AP2 DAS and AP3	SB-7-20-30			7	ND	ND	ND	ND	195	ND	ND	ND	ND	ND	41	122	122
GPC Arkwright AP2 DAS and AP3	SB-8-20.6-30.6			9	ND	ND	ND	ND	149	ND	ND	ND	ND	ND	62	143	94
GPC Arkwright AP2 DAS and AP3	SB-9-29.6-39.6			4	ND	ND	ND	ND	284	ND	ND	ND	ND	ND	34	116	87



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Client Project Number: 6122201429 Phase 2109
Depth Interval: N/A
Soil

Results of X-Ray Diffraction (XRD) Analysis

EA Project #: 2021-1124
Report Date: 18 October 2021
Sample Number: 8
Data Type(s): XRD

Project	Sample	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	
		CLAYS					CARBONATES			OTHER MINERALS										TOTALS			
		Smectite	Chlorite	Kaolinite	Illite/Mica	Mx IS	Calcite	Dolomite	Siderite	Quartz	K-Feldspar	Plagioclase	Pyroxene	Maghemite	Hematite	Pyrite	Goethite	Sepiolite	Apatite	Amphibole	Clays	Carbonates	Other
GPC Arkwright AP2 DAS and AP3	SB-1-24.6-34.6	3.3	-	66.3	1.5	10.3	-	-	-	-	-	7.0	1.2	6.4	-	-	3.4	-	-	0.6	81.4	-	18.6
GPC Arkwright AP2 DAS and AP3	SB-3-15-25	-	-	-	3.7	1.9	-	-	-	46.4	7.3	35.5	-	-	-	-	-	-	-	5.2	5.6	-	94.4
GPC Arkwright AP2 DAS and AP3	SB-4-12-22	-	-	-	6.3	2.6	-	-	-	52.3	1.7	31.2	-	-	-	0.6	-	-	-	5.3	8.9	-	91.1
GPC Arkwright AP2 DAS and AP3	SB-5-15-25	-	-	-	11.1	1.8	-	-	-	39.2	-	47.9	-	-	-	-	-	-	-	-	12.9	-	87.1
GPC Arkwright AP2 DAS and AP3	SB-6-17-25	2.4	-	12.5	0.4	4.3	-	-	-	22.7	2.4	13.1	-	-	-	-	-	1.8	-	40.4	19.6	-	80.4
GPC Arkwright AP2 DAS and AP3	SB-7-20-30	-	-	-	3.5	2.1	-	-	-	32.1	1.6	41.4	2.4	-	-	-	-	-	-	16.9	5.6	-	94.4
GPC Arkwright AP2 DAS and AP3	SB-8-20.6-30.6	-	-	8.9	18.9	1.3	-	-	-	16.9	-	40.8	1.7	-	-	-	-	-	-	11.5	29.1	-	70.9
GPC Arkwright AP2 DAS and AP3	SB-9-29.6-39.6	0.9	-	2.0	1.4	2.7	-	-	-	48.6	-	32.8	1.0	-	-	-	-	-	-	10.6	7.0	-	93.0

Notes: Due to detection limits for minerals quantified at less than 1%, the level of uncertainty dictates that presence is not necessarily definitive.



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Client Project Number: **6122201429 Phase 2109**
Depth Interval: **N/A**
Sample Type: **Soil**

EA Project #: **2021-1124**
Report Date: **18 October 2021**
Sample Number: **8**
Data Type(s): **ICP (ME-MS41L)**

Results of ICP Analysis

Project	Sample	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
GPC Arkwright AP2 DAS and AP3	SB-1-24.6-34.6	0	0	4.0	1	<10	1,495	2	0	0.5	0	27	114	126	4	141	16.2	15	0	1	<0.004	0	0.1
GPC Arkwright AP2 DAS and AP3	SB-3-15-25	0	0	1.1	0	<10	181	0	0	0.3	0	15	8	194	2	38	2.2	5	0	0	0	0	0.4
GPC Arkwright AP2 DAS and AP3	SB-4-12-22	0	0	1.5	1	<10	172	0	0	0.3	0	12	15	223	2	31	2.4	5	0	0	<0.004	0	0.7
GPC Arkwright AP2 DAS and AP3	SB-5-15-25	0	0	1.6	0	<10	280	0	0	0.2	0	22	17	236	2	53	3.6	8	0	0	<0.004	0	0.9
GPC Arkwright AP2 DAS and AP3	SB-6-17-25	0	0	3.0	0	<10	284	2	0	0.4	0	24	82	202	3	115	5.0	11	0	0	<0.004	0	0.4
GPC Arkwright AP2 DAS and AP3	SB-7-20-30	<0.0002	0	1.6	0	<10	147	0	0	0.8	0	21	16	317	2	53	3.4	6	0	0	<0.004	0	0.5
GPC Arkwright AP2 DAS and AP3	SB-8-20.6-30.6	0	0	2.5	0	<10	294	1	0	0.4	0	21	30	161	3	42	4.5	10	0	0	<0.004	0	1.0
GPC Arkwright AP2 DAS and AP3	SB-9-29.6-39.6	0	0	1.4	0	<10	157	1	0	0.3	0	20	11	191	1	61	2.1	5	0	0	<0.004	0	0.4



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Depth Interval: **N/A**
Sample Type: **Soil**

EA Project #: **2021-1124**
Report Date: **18 October 2021**
Sample Number: **8**
Data Type(s): **ICP (ME-MS41L)**

Results of ICP Analysis

Project	Sample	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P %	Pb ppm	Pd ppm	Pt ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm
GPC Arkwright AP2 DAS and AP3	SB-1-24.6-34.6	10	14	1.3	2,530	1	0.0	0	0	95	0.1	4	0 <0.002	7	0	0.0	0	34	0	2	62	<0.005	0
GPC Arkwright AP2 DAS and AP3	SB-3-15-25	8	8	0.5	359	6	0.0	0	0	26	0.0	4 <0.001	<0.002	28	0	0.0	0	6	0	2	14	<0.005	<0.003
GPC Arkwright AP2 DAS and AP3	SB-4-12-22	5	12	0.9	264	5	0.0	0	0	38	0.0	4	0 <0.002	53	0	0.0	0	5	0	3	20	<0.005	0
GPC Arkwright AP2 DAS and AP3	SB-5-15-25	11	13	1.0	397	6	0.0	0	0	40	0.0	2 <0.001	<0.002	59	0	<0.01	0	13	0	1	30	<0.005	0
GPC Arkwright AP2 DAS and AP3	SB-6-17-25	17	18	1.1	1,040	2	0.1	0	0	50	0.0	10 <0.001	<0.002	38	0	0.0	0	22	0	1	8	<0.005	0
GPC Arkwright AP2 DAS and AP3	SB-7-20-30	8	6	0.8	898	10	0.1	0	0	38	0.1	3 <0.001	<0.002	23	0	<0.01	0	13	0	1	14	<0.005	0
GPC Arkwright AP2 DAS and AP3	SB-8-20.6-30.6	9	8	1.0	1,310	5	0.1	0	0	23	0.0	4	0 <0.002	70	0	0.0	0	18	0	1	9	<0.005	<0.003
GPC Arkwright AP2 DAS and AP3	SB-9-29.6-39.6	11	5	0.6	519	4	0.0	0	0	34	0.0	4 <0.001	<0.002	24	0	<0.01	0	9	0	1	16	<0.005	0



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Client Project Number: **6122201429 Phase 2109**
Depth Interval: **N/A**
Sample Type: **Soil**

EA Project #: **2021-1124**
Report Date: **18 October 2021**
Sample Number: **8**
Data Type(s): **ICP (ME-MS41L)**

Results of ICP Analysis

Project	Sample	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
GPC Arkwright AP2 DAS and AP3	SB-1-24.6-34.6	0	1.1	0	1	493	0	44	198	38
GPC Arkwright AP2 DAS and AP3	SB-3-15-25	2	0.2	0	1	56	0	11	49	2
GPC Arkwright AP2 DAS and AP3	SB-4-12-22	2	0.2	0	1	72	0	5	42	1
GPC Arkwright AP2 DAS and AP3	SB-5-15-25	4	0.2	0	0	93	0	6	64	0
GPC Arkwright AP2 DAS and AP3	SB-6-17-25	3	0.4	0	2	182	0	31	90	5
GPC Arkwright AP2 DAS and AP3	SB-7-20-30	2	0.3	0	1	93	0	18	65	2
GPC Arkwright AP2 DAS and AP3	SB-8-20.6-30.6	2	0.3	0	1	156	0	29	82	2
GPC Arkwright AP2 DAS and AP3	SB-9-29.6-39.6	3	0.2	0	1	50	0	15	59	1

DATA QUALITY EVALUATION

Data Evaluation Narrative

Project: Plant Arkwright AP2 Monitored Natural Attenuation Assessment

Wood Project Number: 6122201429.2103.****

Site: Ash Pond No. 2 – Former Plant Arkwright, Georgia

Matrix: Soil

Eurofins TestAmerica SDG No: 180-126590-1

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the Monitored Natural Attenuation (MNA) Assessment sampling event conducted at Ash Pond No. 2 Dry Ash Stockpile at the former Plant Arkwright, located in Arkwright, Georgia in August 2021 for Southern Company Services (SCS). The data from AP2 collected in August 2021 is for evaluating the potential for MNA to serve as a component of the final remedy for closed ash ponds. Therefore, where applicable, the samples were collected and analyzed per the protocols presented in the Monitored Natural Attenuation Assessment Work Plan (Wood, 2021).

The following sections provide summary discussions of the required data qualifications for the analytical methods for samples collected. A Level II DQE validation was performed on the samples analyzed by the fixed-based laboratory within these sample delivery groups (SDGs). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory’s precision and accuracy limits, the method requirements, and the MNA Work Plan (Wood, 2021). DQE data qualifications were applied, if necessary, using the procedures in USEPA Region IV *Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy* (USEPA, 2011) and the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

<u>Qualifier</u>	<u>Usable Data</u>
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. <i>SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.</i>
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.
<u>Qualifier</u>	<u>Usable Data (continued)</u>
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. <i>Note: SCS does not use the “U” flag except when reporting</i>

U* *results for radium that are detected below the Minimum Detection Concentration (MDC).*
 This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

Qualifier **Unusable Data**

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed.

UR The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection; however, the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in this SDG are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The data package as submitted to Wood Environment & Infrastructure Solutions, Inc. (Wood) is complete to perform a Level II DQE for USEPA Methods SW9081, Lloyd Kahn, and ASTM-D422.

Sample Integrity

The soil samples were submitted to Eurofins TestAmerica in Pittsburgh, Pennsylvania (TAL PIT) and analyzed for cation exchange capacity (CEC) by Method SW9081, total organic carbon (TOC) by EPA Method Lloyd Kahn, and grain size analysis by American Society of Testing and Materials (ASTM) Method D422. The CEC analysis was performed by Eurofins Xenco Laboratory in Corpus Christi, Texas, and the grain size analysis was performed by TAL's location in Burlington, Vermont. The samples were also submitted for Sequential Extraction Procedure (SEP) metals, total metals and arsenic speciation and those results are reported in SDG 180-126590-2.

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact, within temperature range, and properly preserved. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following soil and/or quality control (QC) samples:

Sample ID	Sample Date	DQE Level	Sample ID	Sample Date	DQE Level
SB-1-24.6-34.6	08/31/21	II	SB-4-12-22	08/31/21	II
SB-3-15-25	08/30/21	II	SB-5-15-25	08/31/21	II

These soil samples were collected from soil borings at Ash Pond No. 2 on August 30 and 31, 2021. The analytical results for the CEC, TOC, and grain size data are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Cation Exchange Capacity (SW9081)

The samples were submitted to Xenco Laboratory for cation exchange capacity (CEC) by Method SW9081, and each of the Level II components were within QC limits.

Holding Times

Holding time is not applicable to cation exchange capacity.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain any reportable CEC.

Laboratory Control Sample (LCS)

Laboratory control samples are not applicable to CEC.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

A batch MS/MSD analysis was not performed on any sample from this SDG.

Field Duplicate Precision

No field duplicate samples were collected and reported with this SDG.

Laboratory Duplicate Precision

A laboratory duplicate was performed on sample SB-4-12-22 and the RPD was within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was not evaluated with this sampling event.

Reporting Limits

The laboratory RL met the project RLs for the analysis of CEC by Method SW9081. The laboratory RLs were adjusted for sample size and percent moisture. None of the samples in this SDG required dilution.

Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory, however there were none in this SDG.

Total Organic Carbon (Lloyd Kahn)

The samples were submitted to TAL-PIT for total organic carbon (TOC) by the Lloyd Kahn method, and each of the Level II components were within QC limits.

Holding Times

The sample analyses were performed within the 14-day analysis holding time.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain a reportable concentration of TOC.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

A batch MS/MSD analysis was not performed on any sample from this SDG.

Field Duplicate Precision

No field duplicate samples were collected and reported with this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was not evaluated with this sampling event.

Reporting Limits

The laboratory RL met the project RLs for the analysis of TOC by the Lloyd Kahn method. The reporting limit for Lloyd Kahn TOC analysis is a nominal value and does not reflect adjustments in sample mass processed on an individual basis. None of the samples in this SDG required dilution.

Grain Size (ASTM D422)

The samples were submitted to TAL Burlington for grain size analysis by ASTM D422. This analysis was reviewed for completeness only. All samples submitted were analyzed and the results were reported as required.

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan and validation SOPs. No professional judgment was used to modify flags for results reported in samples presented in this SDG.

Completeness

A total of 4 samples from soil borings at Ash Pond No. 2 were collected and analyzed during the August 2021 event according to the Scope of Work provided for the MNA assessment.

Completeness of the field sampling activities were assessed in terms of the actual number and type of sample results received from the field and laboratory, as compared with the planned number and type of sample results. All samples planned were collected which meets a field completeness of 100%.

Analytical completeness of data is a measure of the number of valid project-specific data results obtained in comparison to the total number of data results projected to achieve project DQOs. Valid data are

defined as data that meet the project-specific DQOs. No data were qualified as unusable which equals a completeness of 100%, which exceeds the 90 percent goal for field and laboratory data expected for this project.

References

USEPA, 2011. Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0; September 2011.

USEPA, 2020. National Functional Guidelines for Inorganic Superfund Methods Data Review, EPA-542-R-20-006, November 2020.

Wood, 2021. *Monitored Natural Attenuation Assessment* Work Plan, Wood Environment & Infrastructure Solutions, Inc., August 31, 2021.

Prepared by/Date: DWK 02/23/22

Checked by/Date: JAH 02/24/22

TABLE 1
SUMMARY OF DATA QUALIFIERS

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 180-126590-1
SAMPLING DATES: August 30 and 31, 2021
Plant Arkwright Ash Pond No. 2 - MNA Assessment

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
No qualification required										

Notes:

No qualification was required for the data reported in this sample delivery group.

Prepared by/Date: DWK 02/23/22

Checked by/Date: JAH 02/24/22

DQE CHECKLISTS

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Arkwright MNA Assessment

Project No: 6122201429.2103.****

Method: Cation Exchange Capacity (CEC) by SW9081

Laboratory and Lot: TAL PIT SDG: 180-126590-1

Reviewer/Date: D. Knaub 02/23/22 **Senior Reviewer/Date:** J. Hartness 02/24/22

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			Case Narrative and COC Completeness Review Analyzed at Eurofins Xenco in Corpus Christi, TX
<input checked="" type="checkbox"/>			Sample Preservation and cooler temperature met (None) Ok – received on ice and noted to be within temp. requirements.
<input checked="" type="checkbox"/>			Holding times met (NA) Coll: 08/30/21, 8/31/21 Prep: 09/14/21, 09/15/21 Anal: 09/15/21, 09/16/21
<input checked="" type="checkbox"/>			QC Blanks Review <u>Method Blanks:</u> p. 27 MB 180-188917/1-A CEC = ND p. 27 MB 180-188958/1-A CEC = ND <i>No field or equipment blanks</i>
	<input checked="" type="checkbox"/>		Laboratory Control Sample (LCS) recovery within limits Not applicable to CEC
<input checked="" type="checkbox"/>			Lab Duplicate - Field Duplicate precision goals met (20%) p. 27 Lab dup on SB-4-12-22 RPD = 9 ok
	<input checked="" type="checkbox"/>		Matrix Spike recoveries and RPDs within limits (75-125%, RPD 20) None in this SDG
<input checked="" type="checkbox"/>			EDD Data Verification vs. Hardcopy (100% samples for each SDG)

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Arkwright MNA Assessment

Project No: 6122201429.2103.****

Method: Total Organic Carbon (TOC) by Lloyd Kahn

Laboratory and Lot: TAL PIT SDG: 180-126590-1

Reviewer/Date: D. Knaub 02/23/22 **Senior Reviewer/Date:** J. Hartness 02/24/22

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			Case Narrative and COC Completeness Review
<input checked="" type="checkbox"/>			Sample Preservation and cooler temperature met (4°C) Ok – received on ice and noted to be within temp. requirements.
<input checked="" type="checkbox"/>			Holding times met (14 days) Coll: 08/30/21, 8/31/21 Anal: 09/03/21, 09/07/21
<input checked="" type="checkbox"/>			QC Blanks Review <u>Method Blanks:</u> p. 27 MB 180-370393/58 TOC = ND p. 27 MB 180-370561/4 TOC = ND <i>No field or equipment blanks</i>
<input checked="" type="checkbox"/>			Laboratory Control Sample (LCS) recovery within limits p. 27 LCS 180-370394/59 TOC = 88% p. 27 LCS 180-370561/5 TOC = 100%
		<input checked="" type="checkbox"/>	Lab Duplicate - Field Duplicate precision goals met (20%) No field or lab dups reported with this SDG
		<input checked="" type="checkbox"/>	Matrix Spike recoveries and RPDs within limits (75-125%, RPD 20) None in this SDG
<input checked="" type="checkbox"/>			EDD Data Verification vs. Hardcopy (100% samples for each SDG)

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Arkwright MNA Assessment

Project No: 6122201429.2103.****

Method: Grain Size by ASTM-D422

Laboratory and Lot: TAL PIT SDG: 180-126602-1

Reviewer/Date: D. Knaub 02/23/22 **Senior Reviewer/Date:** J. Hartness 02/24/22

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			Case Narrative and COC Completeness Review Analyzed by TAL Burlington, VT
<input checked="" type="checkbox"/>			Sample Preservation and cooler temperature met (None) OK – 0.3°C
<input checked="" type="checkbox"/>			Holding times met (None) Coll: 08/30/21, 8/31/21 Anal: 09/16/21
		<input checked="" type="checkbox"/>	QC Blanks Review <u>Method Blanks:</u> <i>Not applicable to grain size</i> <i>No field or equipment blanks</i>
		<input checked="" type="checkbox"/>	Laboratory Control Sample (LCS) recovery within limits <i>Not applicable to grain size</i>
		<input checked="" type="checkbox"/>	Lab Duplicate - Field Duplicate precision goals met (20%) No field or lab dups reported with this SDG
<input checked="" type="checkbox"/>			EDD Data Verification vs. Hardcopy (100% samples for each SDG)

Data Evaluation Narrative

Project: Plant Arkwright AP2 Monitored Natural Attenuation Evaluation

Wood Project Number: 6122201429.2103.****

Site: Ash Pond No. 2 – Former Plant Arkwright, Georgia

Matrix: Soil

Eurofins TestAmerica SDG No: 1J00051-01

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the soil sampling event conducted at Ash Pond No. 2 Dry Ash Stockpile at the former Plant Arkwright, located in Arkwright, Georgia in August 2021 for Southern Company Services (SCS). The samples were collected and analyzed per the protocols presented in the *Monitored Natural Attenuation Assessment Work Plan* (Wood 2021).

The following sections provide summary discussions of the required data qualifications for the analytical methods for samples collected. A Level II DQE validation was performed on the samples analyzed by the fixed-based laboratory within these sample delivery groups (SDGs). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory’s precision and accuracy limits, the method requirements, and the MNA Work Plan (Wood 2021). DQE data qualifications were applied, if necessary, using the procedures in USEPA Region IV *Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy* (USEPA, 2011) and the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

<u>Qualifier</u>	<u>Usable Data</u>
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. <i>SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.</i>
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.

<u>Qualifier</u>	<u>Usable Data (continued)</u>
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. <i>Note: SCS does not use the "U" flag except when reporting results for radium that are detected below the Minimum Detection Concentration (MDC).</i>
U*	This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

<u>Qualifier</u>	<u>Unusable Data</u>
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed.
UR	The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection; however, the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in this SDG are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The data package as submitted to Wood Environment & Infrastructure Solutions, Inc. (Wood) is complete to perform a Level II DQE for USEPA Method EPA 1632.

Sample Integrity

The soil samples were submitted to Eurofins TestAmerica in Pittsburgh, Pennsylvania (TAL PIT) and analyzed for speciated arsenic, Method EPA 1632. The arsenic speciation analysis was performed by Eurofins Frontier Global Sciences, LLC (Frontier) located in Tacoma, Washington.

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact and within the temperature range and preservation requirements. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following soil sample(s):

Sample ID	Sample Date	DQE Level
<u>Ash Pond No. 2</u>		
SB-1-24.6-34.6	08/31/21	II

These sample was collected from the Ash Pond No. 2 soil boring listed above on August 31, 2021. Each of the sample IDs above were amended with a sample date code (-mmddy) by Wood to create unique IDs in the database.

The analytical results for the arsenic speciation data are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Arsenic Speciation (EPA 1632)

The sample was submitted to Eurofins Frontier Global Sciences for arsenic speciation [As (III), As (V), and As (total)] by Method EPA 1632 as part of the MNA evaluation. Each of the Level II components were within the QC limits except for method blanks and holding times.

Holding Times

The sample analyses were performed within analysis holding time.

Method Blanks

The method blanks did not contain reportable detections of arsenic speciation.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

A batch MS/MSD analysis was not performed on any sample from this SDG.

Field Duplicate Precision

No field duplicate pairs were submitted in this SDG.

Laboratory Duplicate Precision

Laboratory duplicates were not performed on any project samples in this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was not evaluated for speciated arsenic.

Reporting Limits

The laboratory RL were elevated for samples submitted for the analysis of arsenic speciation by Method EPA 1632 due to dilutions to bring the results in the calibration range of the instrument. The sample reported in this SDG was analyzed at a 30x dilution. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory, however there were none in this SDG.

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan and validation SOPs. Professional judgment was not used to modify flags for results reported in samples presented in this SDG.

Completeness

A total of 3 soil sample locations were sampled and analyzed for speciated arsenic during the August 2021 event at Ash Pond No. 2 according to the Scope of Work provided for the MNA assessment. One of the soil locations was reported in this SDG and were sampled and analyzed as scoped. Therefore, both field and analytical completeness calculated for this SDG was 100%.

References

USEPA, 2011. Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0; September 2011.

USEPA, 2020. *National Functional Guidelines for Inorganic Superfund Methods Data Review*, Final, EPA 542-R20-006, November 2020.

Wood, 2021. *Monitored Natural Attenuation Assessment Work Plan*, Wood Environment & Infrastructure Solutions, Inc., August 31, 2021.

Prepared by/Date: JPM 2/24/22

Checked by/Date: JAH 2/24/22

TABLE 1
SUMMARY OF DATA QUALIFIERS

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 1J00051
SAMPLING DATES: August 31, 2021
Plant Arkwright Ash Pond No. 2 - Monitored Natural Attenuation Assessment

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
No qualification was required for the data reported in this sample delivery group.										

Notes:

No qualification was required for the data reported in this sample delivery group.
Metals results are total metals unless otherwise noted.

Prepared by/Date: JPM 02/24/22

Checked by/Date: JAH 02/24/22

DQE CHECKLISTS

Data Evaluation Narrative

Project: Plant Arkwright AP2 Monitored Natural Attenuation Evaluation

Wood Project Number: 6122201429.2103.****

Site: Ash Pond No. 2 – Former Plant Arkwright, Georgia

Matrix: Soil

Eurofins TestAmerica SDG No: 1100044-01

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the soil sampling event conducted at Ash Pond No. 2 Dry Ash Stockpile at the former Plant Arkwright, located in Arkwright, Georgia in September 2021 for Southern Company Services (SCS). The samples were collected and analyzed per the protocols presented in the *Monitored Natural Attenuation Assessment Work Plan* (Wood 2021).

The following sections provide summary discussions of the required data qualifications for the analytical methods for samples collected. A Level II DQE validation was performed on the samples analyzed by the fixed-based laboratory within these sample delivery groups (SDGs). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory’s precision and accuracy limits, the method requirements, and the MNA Work Plan (Wood 2021). DQE data qualifications were applied, if necessary, using the procedures in USEPA Region IV *Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy* (USEPA, 2011) and the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

<u>Qualifier</u>	<u>Usable Data</u>
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. <i>SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.</i>
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.

<u>Qualifier</u>	<u>Usable Data (continued)</u>
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. <i>Note: SCS does not use the "U" flag except when reporting results for radium that are detected below the Minimum Detection Concentration (MDC).</i>
U*	This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

<u>Qualifier</u>	<u>Unusable Data</u>
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed.
UR	The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection; however, the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in this SDG are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The data package as submitted to Wood Environment & Infrastructure Solutions, Inc. (Wood) is complete to perform a Level II DQE for USEPA Method EPA 1632.

Sample Integrity

The soil samples were submitted to Eurofins TestAmerica in Pittsburgh, Pennsylvania (TAL PIT) and analyzed for speciated arsenic by Method EPA 1632. The arsenic speciation analysis was performed by Eurofins Frontier Global Sciences, LLC (Frontier) located in Tacoma, Washington.

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact and within the temperature range and preservation requirements. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following soil samples:

Sample ID	Sample Date	DQE Level
<u>Ash Pond No. 2</u>		
SB-1A-24-34	09/01/21	II

This sample was collected from the Ash Pond No. 2 boring well listed above on September 1, 2021. Each of the sample IDs were amended with a sample date code (-mmddy) by Wood to create unique IDs in the database.

The analytical results for the arsenic speciation data are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Arsenic Speciation (EPA 1632)

The sample was submitted to Eurofins Frontier Global Sciences for arsenic speciation [As (III), As (V), and As (total)] by Method EPA 1632 as part of the MNA evaluation. Each of the Level II components were within the QC limits except for method blanks and holding times.

Holding Times

The sample analyses were performed within the analysis holding time.

Method Blanks

The method blanks did not contain reportable detections of arsenic speciation.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

A batch MS/MSD analysis was not performed on any sample from this SDG.

Field Duplicate Precision

No field duplicate pairs were submitted in this SDG.

Laboratory Duplicate Precision

Laboratory duplicates were not performed on any project samples in this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was not evaluated for speciated arsenic.

Reporting Limits

The laboratory RL were elevated for samples submitted for the analysis of arsenic speciation by Method EPA 1632 due to dilutions to bring the results in the calibration range of the instrument. The sample reported in this SDG was analyzed at a 30x dilution for arsenate and inorganic arsenic and at a 10x dilution for arsenite.

Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates.

Action: Results reported between the MDL and RL were qualified as estimated and flagged "J".

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan and validation SOPs. Professional judgment was not used to modify flags for results reported in samples presented in this SDG.

Completeness

A total of 3 soil sample locations were sampled and analyzed for speciated arsenic during the September 2021 event at Ash Pond No. 2 according to the Scope of Work provided for the MNA assessment. One of the soil locations was reported in this SDG and were sampled and analyzed as scoped. Therefore, both field and analytical completeness calculated for this SDG was 100%.

References

USEPA, 2011. Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0; September 2011.

USEPA, 2020. *National Functional Guidelines for Inorganic Superfund Methods Data Review*, Final, EPA 542-R20-006, November 2020.

Wood, 2021. *Monitored Natural Attenuation Assessment Work Plan*, Wood Environment & Infrastructure Solutions, Inc., August 31, 2021.

Prepared by/Date: JPM 2/24/22

Checked by/Date: JAH 2/24/22

TABLE 1
SUMMARY OF DATA QUALIFIERS

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 1100044
SAMPLING DATES: September 1, 2021
Plant Arkwright Ash Pond No. 2 - Monitored Natural Attenuation

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
SB-1A-24-34	SB-1A	T	1100044	E1632	Arsenite (AsO3)	0.012		J	--	mg/kg
SB-1A-24-34	SB-1A	T	1100044	E1632	Arsenic	0.028		J	--	mg/kg

Notes:

Metals results are total metals unless otherwise noted.

Reason Codes:

-- = No Reason Code assigned for values detected between the method detection limit (MDL) and the reporting limit (RL);estimated quantitation.

Validation Qualifiers:

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only. The associated numerical value is the approximate concentration of the analyte in the sample.

Prepared by/Date: JPM 02/24/22

Checked by/Date: JAH 02/24/22

DQE CHECKLISTS

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Arkwright AP2 MNA Assessment

Project No: 6122201429.2103.****

Method: Arsenic Speciation by EPA 1632

Laboratory and Lot: Eurofins Frontier Global Sciences SDG: 1100044-01

Reviewer/Date: J. McIntyre 2/24/22 **Senior Reviewer/Date:** J. Hartness 02/24/22

YES	NO	NA	COMMENTS
<input checked="" type="checkbox"/>			<p>Case Narrative and COC Completeness Review OK – Intralab COCs provided in this report</p>
<input checked="" type="checkbox"/>			<p>Sample Preservation and cooler temperature met (Aqueous: HCl, ±6°C; Soil/Tissue: Freeze) OK – 1.4°C</p>
<input checked="" type="checkbox"/>			<p>Holding times met (Aqueous: 28 days; Soil/Tissue: Indefinite) Coll: 09/1/21 Prep: 10/14/21, 10/01/21 (% solids) Anal: 10/15/21, 10/18/21, 10/04/21 (% solids)</p>
<input checked="" type="checkbox"/>			<p>QC Blanks Review <u>Method Blanks</u> p. 8 F110473-BLK1= ND p. p. 8 F110474-BLK1= ND</p>
<input checked="" type="checkbox"/>			<p>Laboratory Control Sample (LCS) recovery within lab limits p. 8 F110473-BS1, BSD1 As (inorg) = 75.3, 75.9% RPD = 0.703 p. 8 F110474-BS1, BSD1 Arsenite = 66.4, 66.1% RPD = 0.34</p>
		<input checked="" type="checkbox"/>	<p>Lab Duplicate - Field Duplicate precision goals met (lab limits = 35%) None in this SDG</p>
<input checked="" type="checkbox"/>			<p>Matrix Spike recoveries and RPDs within limits (if applicable) p. 8 Non-project MS/MSDs are not applicable</p>
<input checked="" type="checkbox"/>			<p>EDD Data Verification vs. Hardcopy (10% samples for each SDG) <i>All sample results checked vs. hardcopy.</i></p>

Data Evaluation Narrative

Project: Plant Arkwright AP2 Monitored Natural Attenuation Evaluation

Wood Project Number: 6122201429.2103.****

Site: Ash Pond No. 2 – Former Plant Arkwright, Georgia

Matrix: Soil

Eurofins TestAmerica SDG No: 1100043-01

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the soil sampling event conducted at Ash Pond No. 2 (Dry Ash Stockpile) at the former Plant Arkwright, located in Arkwright, Georgia in August 2021 for Southern Company Services (SCS). The samples were collected and analyzed per the protocols presented in the *Monitored Natural Attenuation Assessment Work Plan* (Wood 2021).

The following sections provide summary discussions of the required data qualifications for the analytical methods for samples collected. A Level II DQE validation was performed on the samples analyzed by the fixed-based laboratory within these sample delivery groups (SDGs). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory’s precision and accuracy limits, the method requirements, and the MNA Work Plan (Wood 2021). DQE data qualifications were applied, if necessary, using the procedures in USEPA Region IV *Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy* (USEPA, 2011) and the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

<u>Qualifier</u>	<u>Usable Data</u>
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. <i>SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.</i>
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.

<u>Qualifier</u>	<u>Usable Data (continued)</u>
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. <i>Note: SCS does not use the "U" flag except when reporting results for radium that are detected below the Minimum Detection Concentration (MDC).</i>
U*	This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

<u>Qualifier</u>	<u>Unusable Data</u>
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed.
UR	The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection; however, the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in this SDG are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The data package as submitted to Wood Environment & Infrastructure Solutions, Inc. (Wood) is complete to perform a Level II DQE for USEPA Method EPA 1632.

Sample Integrity

The soil samples were submitted to Eurofins TestAmerica in Pittsburgh, Pennsylvania (TAL PIT) and analyzed for speciated arsenic by Method EPA 1632. The arsenic speciation analysis was performed by Eurofins Frontier Global Sciences, LLC (Frontier) located in Tacoma, Washington.

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact and within the temperature range and preservation requirements. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following soil sample(s):

Sample ID	Sample Date	DQE Level
<u>Ash Pond No. 2</u>		
SB-4-12-22	08/31/21	II

These sample was collected from the Ash Pond No. 2 soil boring listed above on August 31, 2021. Each of the sample IDs above were amended with a sample date code (-mmddy) by Wood to create unique IDs in the database.

The analytical results for the arsenic speciation data are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Arsenic Speciation (EPA 1632)

The sample was submitted to Eurofins Frontier Global Sciences for arsenic speciation [As (III), As (V), and As (total)] by Method EPA 1632 as part of the MNA evaluation. Each of the Level II components were within the QC limits except for method blanks and holding times.

Holding Times

The sample analyses were performed within the analysis holding time.

Method Blanks

The method blanks did not contain reportable detections of arsenic speciation.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

A batch MS/MSD analysis was performed on sample SB-4-12-22 and the recoveries and RPDs were within QC limits.

Field Duplicate Precision

No field duplicate pairs were submitted in this SDG.

Laboratory Duplicate Precision

Laboratory duplicates were not performed on any project samples in this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was not evaluated for speciated arsenic.

Reporting Limits

The laboratory RL were elevated for samples submitted for the analysis of arsenic speciation by Method EPA 1632 due to dilutions to bring the results in the calibration range of the instrument. The sample reported in this SDG was analyzed at a 30x dilution. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory, however there were none in this SDG.

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan and validation SOPs. Professional judgment was not used to modify flags for results reported in samples presented in this SDG.

Completeness

A total of 3 soil sample locations were sampled and analyzed for speciated arsenic during the August 2021 event at Ash Pond No. 2 according to the Scope of Work provided for the MNA assessment. One of the soil locations was reported in this SDG and were sampled and analyzed as scoped. Therefore, both field and analytical completeness calculated for this SDG was 100%.

References

USEPA, 2011. Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0; September 2011.

USEPA, 2020. *National Functional Guidelines for Inorganic Superfund Methods Data Review*, Final, EPA 542-R20-006, November 2020.

Wood, 2021. *Monitored Natural Attenuation Assessment Work Plan*, Wood Environment & Infrastructure Solutions, Inc., August 31, 2021.

Prepared by/Date: JPM 2/24/22

Checked by/Date: JAH 2/24/22

TABLE 1
SUMMARY OF DATA QUALIFIERS

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SAMPLE DELIVERY GROUP 1100043
SAMPLING DATES: August 31, 2021
Plant Arkwright Ash Pond No. 2 - Monitored Natural Attenuation

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
No qualification was required for the data reported in this sample delivery group.										

Notes:

No qualification was required for the data reported in this sample delivery group.

Prepared by/Date: JPM 02/24/22

Checked by/Date: JAH 02/24/22

DQE CHECKLISTS

