

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWA-1	BGWA-1	BGWA-1	BGWA-1	BGWA-1	BGWA-1	BGWA-1	BGWA-1	
		6/6/2016	8/9/2016	10/3/2016	11/29/2016					
APPENDIX III	Boron	N/R	0.33	0.808	1.57	2.83				
	Calcium	N/R	70	80.5	82	112				
	Chloride	(250)	27	56	99	170				
	Fluoride	4	ND (0.12 J)	0.36	ND (0.19 J)	ND (0.12 J)				
	Sulfate	(250)	26	45	68	100				
	TDS	(500)	290	432	565	624				
APPENDIX IV	Antimony	0.006	ND	ND	ND (0.0011 J)	ND				
	Arsenic	0.01	ND	ND	ND	ND				
	Barium	2	0.09	0.103	0.124	0.153				
	Beryllium	0.004	ND	ND	ND	ND				
	Cadmium	0.005	ND	ND	ND	ND				
	Chromium	0.1	ND	ND	ND (0.0010 J)	ND				
	Cobalt	N/R	ND	ND (0.0005 J)	ND	ND				
	Lead	0.015	ND	ND (0.000090 J)	ND	ND				
	Lithium	N/R	ND	ND	ND	ND				
	Mercury	0.002	ND (0.000078 J)	ND	ND	ND				
	Molybdenum	N/R	ND	ND (0.0007 J)	ND	ND				
	Radium	5	0.698	1.92	1.51	1.78				
	Selenium	0.05	0.0013	ND (0.0032 J)	ND (0.0054 J)	ND (0.0056 J)				
	Thallium	0.002	ND	ND (0.0002 J)	ND	ND				

See Note 11

Notes:

- MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
- (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
- Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
- ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
- ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
- N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
- TDS indicates total dissolved solids.
- U indicates the substance 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.
- Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
- NS indicates not sampled due to insufficient water volume.
- Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWA-2	BGWA-2	BGWA-2	BGWA-2	BGWA-2	BGWA-2	BGWA-2	BGWA-2	BGWA-2
		6/6/2016	8/9/2016	10/3/2016	11/29/2016	2/13/2017	4/13/2017	5/25/2017	7/7/2017	
APPENDIX III	Boron	N/R	ND	ND (0.0336 J)	ND (0.0226 J)	ND (0.0085 J)	ND	ND (0.0084 J)	ND (0.01 J)	ND (0.009 J)
	Calcium	N/R	39	32.2	34.1	29.7	31.2	30.5	33.8	33.1
	Chloride	(250)	2.9	2.5	2.5	2.6	2.1	2.1	2.4	1.9
	Fluoride	4	ND (0.11 J)	ND (0.09 J)	ND (0.11 J)	ND (0.11 J)	ND (0.12 J)	ND (0.1 J)	ND (0.08 J)	ND (0.13 J)
	Sulfate	(250)	8	6.5	5.7	5.2	6.4	4.9	5.7	6.3
	TDS	(500)	170	183	201	109	214	211	173	165
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND (0.0004 J)	ND	ND
	Arsenic	0.01	ND (0.0012 J)	ND	ND	ND (0.0023 J)	ND	ND (0.0017 J)	ND (0.0015 J)	ND (0.001 J)
	Barium	2	0.2	0.188	0.191	0.201	0.218	0.19	0.193	0.148
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	0.0085	ND	ND	ND	ND
	Chromium	0.1	ND	ND (0.0019 J)	ND	ND	ND	ND (0.0005 J)	ND	ND (0.0008 J)
	Cobalt	N/R	ND	ND (0.0005 J)	ND	ND	ND	ND	ND	ND
	Lead	0.015	0.0024	ND	ND	ND (0.0002 J)	ND	ND	ND (0.0001 J)	ND
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND (0.000077 J)	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND (0.0015 J)	ND (0.0016 J)	ND	ND (0.0022 J)	ND (0.002 J)	ND (0.0025 J)	ND (0.0020 J)	ND (0.0017 J)
	Radium	5	0.838	1.18	0.815 U	0.887 U	0.869 U	1.21 U	1.54	1.45
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND	ND (0.0001 J)	ND	ND	ND	ND (0.00009 J)	ND (0.0001 J)	ND (0.00009 J)	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWA-3	BGWA-3	BGWA-3	BGWA-3	BGWA-3	BGWA-3	BGWA-3	BGWA-3	
		6/3/2016	8/9/2016	10/3/2016	11/30/2016					
APPENDIX III	Boron	N/R	1	0.677	0.718	0.681				
	Calcium	N/R	81	67.6	62.5	61.8				
	Chloride	(250)	110	61	87	85				
	Fluoride	4	ND	ND (0.07 J)	ND (0.13 J)	ND (0.16 J)				
	Sulfate	(250)	73	41	58	58				
	TDS	(500)	390	476	457	406				
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND				
	Arsenic	0.01	ND	ND	ND	ND				
	Barium	2	0.018	0.0132	0.0138	0.0159				
	Beryllium	0.004	ND	ND	ND	ND				
	Cadmium	0.005	ND	ND	ND	ND				
	Chromium	0.1	ND	ND (0.0024 J)	ND (0.0020 J)	ND (0.001 J)				
	Cobalt	N/R	0.0027	ND (0.0020 J)	ND	ND				
	Lead	0.015	ND	ND	ND	ND				
	Lithium	N/R	ND	ND	ND	ND				
	Mercury	0.002	ND (0.000076 J)	ND	ND	ND				
	Molybdenum	N/R	ND	ND	ND	ND				
	Radium	5	0.268 U	0.687 U	0.306 U	0.993 U				
	Selenium	0.05	0.0056	ND (0.0059 J)	ND (0.0050 J)	ND (0.005 J)				
	Thallium	0.002	ND	ND	ND	ND				

See Note 11

Notes:

- MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
- (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
- Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
- ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
- ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
- N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
- TDS indicates total dissolved solids.
- U indicates the substance 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.
- Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
- NS indicates not sampled due to insufficient water volume.
- Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWA-4	BGWA-4	BGWA-4	BGWA-4	BGWA-4	BGWA-4	BGWA-4	BGWA-4	
		6/6/2016	8/9/2016	10/3/2016	11/29/2016					
APPENDIX III	Boron	N/R	2.8	2.62	2.72	2.87				
	Calcium	N/R	130	123	114	112				
	Chloride	(250)	220	210	210	230				
	Fluoride	4	ND	1.1	ND	ND (0.09 J)				
	Sulfate	(250)	110	82	75	81				
	TDS	(500)	830	908	904	669				
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND				
	Arsenic	0.01	0.0021	ND (0.0034 J)	ND (0.0046 J)	0.0051				
	Barium	2	0.052	0.0545	0.0541	0.0553				
	Beryllium	0.004	ND	ND	ND	ND				See Note 11
	Cadmium	0.005	ND	ND	ND	ND				
	Chromium	0.1	ND	ND (0.0011 J)	ND	ND				
	Cobalt	N/R	ND (0.00091 J)	ND (0.0009 J)	ND	ND				
	Lead	0.015	ND	ND (0.000090 J)	ND	ND				
	Lithium	N/R	ND	ND (0.0013 J)	ND	ND				
	Mercury	0.002	ND (0.000083 J)	ND	ND	ND				
	Molybdenum	N/R	ND (0.0043 J)	ND (0.0029 J)	ND (0.0023 J)	ND				
	Radium	5	0.892	2.21	1.59	0.923				
	Selenium	0.05	0.0045	ND (0.0074 J)	ND (0.0034 J)	ND (0.0028 J)				
Thallium	0.002	ND	ND	ND	ND					

Notes:

- MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
- (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
- Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
- ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
- ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
- N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
- TDS indicates total dissolved solids.
- U indicates the substance 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.
- Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
- NS indicates not sampled due to insufficient water volume.
- Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWA-5	BGWA-5	BGWA-5	BGWA-5	BGWA-5	BGWA-5	BGWA-5	BGWA-5	
		6/3/2016	8/10/2016	10/3/2016	11/30/2016					
APPENDIX III	Boron	N/R	2.5	2.86	3.21	3.73				
	Calcium	N/R	110	127	135	131				
	Chloride	(250)	180	160	240	250				
	Fluoride	4	ND	ND (0.05 J)	0.44	ND (0.11 J)				
	Sulfate	(250)	120	110	160	150				
	TDS	(500)	650	938	940	763				
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND				
	Arsenic	0.01	ND	ND	ND	ND				
	Barium	2	0.031	0.0361	0.0426	0.0466				
	Beryllium	0.004	ND	ND	ND	ND				
	Cadmium	0.005	ND	ND	ND	ND				
	Chromium	0.1	ND	ND (0.0037 J)	ND (0.0017 J)	ND				
	Cobalt	N/R	ND	ND (0.0006 J)	ND	ND				
	Lead	0.015	ND	ND	ND	ND				
	Lithium	N/R	ND	ND	ND	ND				
	Mercury	0.002	ND (0.000083 J)	ND	ND	ND				
	Molybdenum	N/R	ND	ND	ND	ND				
	Radium	5	0.803	1.55	1.04 U	1.41				
	Selenium	0.05	0.012	0.0175	0.0140	0.0145				
	Thallium	0.002	ND	ND	ND	ND				

See Note 11

Notes:

- MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
- (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
- Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
- ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
- ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
- N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
- TDS indicates total dissolved solids.
- U indicates the substance 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.
- Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
- NS indicates not sampled due to insufficient water volume.
- Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWA-6	BGWA-6	BGWA-6	BGWA-6	BGWA-6	BGWA-6	BGWA-6	BGWA-6	BGWA-6
		6/6/2016	8/10/2016	10/4/2016	12/1/2016	2/14/2017	4/13/2017	5/25/2017	7/7/2017	
APPENDIX III	Boron	N/R	ND	ND (0.0876 J)	ND (0.0145 J)	ND (0.0146 J)	ND (0.0114 J)	ND (0.0195 J)	ND (0.0179 J)	ND (0.019 J)
	Calcium	N/R	59	56.0	51.4	55.9	51.1	53.4	59.8	57.8
	Chloride	(250)	5.6	5.3	5.6	6.2	8.8	10	11	12
	Fluoride	4	ND	ND (0.04 J)	ND (0.06 J)	ND (0.09 J)	ND	ND (0.04 J)	ND (0.02 J)	ND (0.12 J)
	Sulfate	(250)	26	22	20	20	20	21	22	25
	TDS	(500)	220	299	245	269	405	349	283	265
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND (0.0007 J)	ND (0.0013 J)	ND
	Barium	2	0.015	0.0142	0.0137	0.0144	0.0114	0.0115	0.0122	0.0120
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND (0.0044 J)	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND	ND (0.0006 J)	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND (0.000084 J)	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.239 U	1.19	0.231 U	0.428 U	0.360 U	0.387 U	0.123 U	0.876 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND	ND (0.000070 J)	ND	ND	ND	ND (0.0001 J)	ND (0.00006 J)	ND (0.00007 J)	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-7	BGWC-7	BGWC-7	BGWC-7	BGWC-7	BGWC-7	BGWC-7	BGWC-7	BGWC-7
		6/8/2016	8/11/2016	10/6/2016	12/6/2016	2/15/2017	4/18/2017	6/2/2017	7/14/2017	
APPENDIX III	Boron	N/R	1.7	1.95	2.06	2.05	2.01	2.58	2.22	1.85
	Calcium	N/R	140	141	147	146	163	155	156	157
	Chloride	(250)	11	11	11	11	12	12	11	11
	Fluoride	4	0.19 J	ND (0.15 J)	ND (0.17 J)	ND (0.22 J)	ND (0.18 J)	ND (0.11 J)	ND (0.07 J)	ND (0.23 J)
	Sulfate	(250)	410	460	440	470	510	450	470	230
	TDS	(500)	800	852	906	976	968	944	910	887
APPENDIX IV	Antimony	0.006	ND	ND (0.0005 J)	ND (0.0015 J)	ND	ND	ND (0.0003 J)	ND	ND
	Arsenic	0.01	0.0024	ND (0.0024 J)	ND	ND	ND (0.003 J)	ND (0.0029 J)	ND (0.0031 J)	ND (0.0017 J)
	Barium	2	0.048	0.0428	0.0404	0.0385	0.039	0.0392	0.0407	0.0394
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND (0.00081 J)	ND (0.0007 J)	ND	ND (0.0009 J)	ND	ND (0.0005 J)	ND (0.0006 J)	ND (0.0006 J)
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	0.0079	ND (0.0093 J)	ND (0.0102 J)	ND (0.0094 J)	ND	ND (0.0086 J)	ND (0.0102 J)	ND (0.0092 J)
	Mercury	0.002	ND	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND (0.0088 J)	0.0100	0.0117	0.0102	ND (0.0018 J)	0.0103	0.0129	0.0129
	Radium	5	0.854	1.24	2.43	0.958 U	1.18	1.26	1.24 U	1.55
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-8	BGWC-8	BGWC-8	BGWC-8	BGWC-8	BGWC-8	BGWC-8	BGWC-8	BGWC-8
		6/7/2016	8/10/2016	10/4/2016	12/2/2016	2/14/2017	4/14/2017	5/26/2017	7/10/2017	
APPENDIX III	Boron	N/R	0.02	0.117	0.177	0.0668	0.122	0.054	0.0817	0.0534
	Calcium	N/R	7.9	36.8	39.7	37.8	35.2	37.5	41.7	39.0
	Chloride	(250)	2	2.1	2.3	2.1	2	1.7	1.6	1.5
	Fluoride	4	ND	ND (0.07 J)	ND (0.07 J)	ND (0.09 J)	ND (0.02 J)	ND (0.02 J)	ND (0.02 J)	ND (0.03 J)
	Sulfate	(250)	26	29	40	37	45	27	34	28
	TDS	(500)	200	228	186	183	367	184	179	211
APPENDIX IV	Antimony	0.006	ND	ND (0.0004 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND (0.00018 J)	ND	ND	ND	ND	ND (0.0007 J)	ND (0.0008 J)	ND (0.0011 J)
	Barium	2	0.0051	0.0264	0.0316	0.026	0.0299	0.0275	0.0328	0.0305
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND (0.0052 J)	ND (0.0015 J)	ND (0.0013 J)	ND	ND (0.0011 J)	ND (0.0008 J)	ND (0.0009 J)
	Cobalt	N/R	ND (0.00013 J)	ND (0.0003 J)	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND (0.0003 J)	ND
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND (0.000097 J)	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND (0.00063 J)	ND (0.0039 J)	ND (0.0052 J)	ND	ND (0.0044 J)	ND (0.0013 J)	ND (0.0024 J)	ND (0.0013 J)
	Radium	5	0.0507 U	0.862 U	0.48 U	0.219 U	0.636 U	0.13 U	0.349 U	0.565 U
	Selenium	0.05	ND (0.000048 J)	ND	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

- MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
- (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
- Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
- ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
- ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
- N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
- TDS indicates total dissolved solids.
- U indicates the substance 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.
- Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
- NS indicates not sampled due to insufficient water volume.
- Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.



**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-9	BGWC-9	BGWC-9	BGWC-9	BGWC-9	BGWC-9	BGWC-9	BGWC-9	BGWC-9
		6/6/2016	8/11/2016	10/5/2016	12/5/2016	2/15/2017	4/17/2017	5/26/2017	7/11/2017	
<b>APPENDIX III</b>	<b>Boron</b>	<b>N/R</b>	0.55	0.612	0.659	0.71	0.707	0.675	0.711	0.633
	<b>Calcium</b>	<b>N/R</b>	66	65.2	66.7	74.6	74.6	65.6	70.4	66.9
	<b>Chloride</b>	<b>(250)</b>	27	30	36	40	38	35	35	33
	<b>Fluoride</b>	<b>4</b>	ND (0.12 J)	ND (0.27 J)	ND (0.12 J)	ND (0.26 J)	0.46	ND (0.14 J)	ND (0.13 J)	ND (0.2 J)
	<b>Sulfate</b>	<b>(250)</b>	100	110	120	130	120	110	110	110
	<b>TDS</b>	<b>(500)</b>	320	361	376	426	452	388	423	387
<b>APPENDIX IV</b>	<b>Antimony</b>	<b>0.006</b>	ND	ND (0.0003 J)	ND	ND	ND	ND	ND	ND
	<b>Arsenic</b>	<b>0.01</b>	0.0022	ND (0.0028 J)	ND (0.0020 J)	ND	ND (0.0033 J)	ND (0.0028 J)	ND (0.0035 J)	ND (0.0033 J)
	<b>Barium</b>	<b>2</b>	0.034	0.0305	0.0289	0.0269	0.0299	0.0318	0.0341	0.0355
	<b>Beryllium</b>	<b>0.004</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Cadmium</b>	<b>0.005</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Chromium</b>	<b>0.1</b>	ND	ND	ND (0.0020 J)	ND	ND	ND	ND	ND
	<b>Cobalt</b>	<b>N/R</b>	ND	ND (0.0003 J)	ND	ND (0.0006 J)	ND	ND	ND	ND
	<b>Lead</b>	<b>0.015</b>	ND	ND	ND (0.0005 J)	ND (0.0002 J)	ND	ND (0.0001 J)	ND (0.0001 J)	ND
	<b>Lithium</b>	<b>N/R</b>	ND	ND	ND	ND	ND	ND (0.0013 J)	ND (0.0013 J)	ND
	<b>Mercury</b>	<b>0.002</b>	ND (0.00008 J)	ND	ND	ND	ND	ND	ND	ND
	<b>Molybdenum</b>	<b>N/R</b>	ND (0.0028 J)	ND (0.0030 J)	ND (0.0032 J)	ND (0.0033 J)	ND (0.0027 J)	ND (0.0025 J)	ND (0.0029 J)	ND (0.0029 J)
	<b>Radium</b>	<b>5</b>	0.488	0.639 U	0.945 U	2.2	0.740 U	0.764 U	0.245 U	0.502 U
	<b>Selenium</b>	<b>0.05</b>	ND (0.00031 J)	ND (0.0010 J)	ND (0.0017 J)	ND	ND	ND	ND (0.0014 J)	ND
<b>Thallium</b>	<b>0.002</b>	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID									
		BGWC-10	BGWC-10	BGWC-10	BGWC-10	BGWC-10	BGWC-10	BGWC-10	BGWC-10		
		6/7/2016	8/16/2016	10/7/2016	12/6/2016	2/16/2017	4/18/2017	6/2/2017	7/12/2017		
APPENDIX III	Boron	N/R	0.37	0.525	0.492	0.515	0.482	0.515	0.513	0.508	
	Calcium	N/R	50	49.2	52.6	55.4	53.2	58	55.8	58.1	
	Chloride	(250)	19	20	21	22	22	21	20	23	
	Fluoride	4	ND (0.09 J)	ND (0.09 J)	ND (0.17 J)	ND (0.16 J)	0.38	ND (0.12 J)	ND (0.03 J)	ND (0.15 J)	
	Sulfate	(250)	99	110	110	110	110	110	110	110	
	TDS	(500)	300	286	513	421	433	349	313	255	
APPENDIX IV	Antimony	0.006	ND (0.0022 J)	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	0.01	0.0039	0.0091	0.0074	ND (0.0044 J)	0.0081	0.0084	0.0080	0.0063	
	Barium	2	0.091	0.0667	0.0631	0.0659	0.0621	0.0545	0.0555	0.0572	
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND	
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	ND	ND	
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND	
	Lithium	N/R	0.0065	ND	ND	ND	ND	ND	ND (0.0011 J)	ND (0.0011 J)	ND
	Mercury	0.002	ND (0.0001 J)	ND	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND (0.0067 J)	ND (0.0032 J)	ND (0.0032 J)	ND (0.0049 J)	ND (0.0039 J)	ND (0.0032 J)	ND (0.0035 J)	ND (0.0037 J)	
	Radium	5	0.616	1.08	2.82	0.719 U	0.966 U	1.01 U	1.13 U	1.29	
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND	
Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND		

Notes:

- MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
- (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
- Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
- ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
- ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
- N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
- TDS indicates total dissolved solids.
- U indicates the substance 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.
- Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
- NS indicates not sampled due to insufficient water volume.
- Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-11	BGWC-11	BGWC-11	BGWC-11	BGWC-11	BGWC-11	BGWC-11	BGWC-11	BGWC-11
		6/6/2016	8/11/2016	10/5/2016	12/2/2016	2/15/2017	4/18/2017	5/26/2017	7/13/2017	
APPENDIX III	Boron	N/R	0.17	0.174	0.210	0.229	0.225	0.223	0.228	0.184
	Calcium	N/R	39	34.4	39.6	43.1	45.6	42.4	47.3	44.4
	Chloride	(250)	10	10	9.7	9.8	9.2	9.9	9.9	10
	Fluoride	4	ND (0.11 J)	ND (0.25 J)	ND (0.09 J)	ND (0.15 J)	ND (0.13 J)	ND (0.14 J)	ND (0.03 J)	ND (0.05 J)
	Sulfate	(250)	93	89	85	75	94	84	87	84
	TDS	(500)	250	285	246	258	322	277	291	254
APPENDIX IV	Antimony	0.006	ND	ND (0.0020 J)	ND (0.0014 J)	ND	ND	ND (0.0004 J)	ND	ND
	Arsenic	0.01	0.0023	ND (0.0037 J)	ND (0.0036 J)	ND (0.0039 J)	ND (0.0046 J)	ND (0.0028 J)	ND (0.0034 J)	ND (0.0019 J)
	Barium	2	0.023	0.0222	0.0204	0.0198	0.0217	0.0212	0.0233	0.0228
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND (0.00007 J)
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND (0.000079 J)	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND (0.0042 J)	ND (0.0039 J)	ND (0.0032 J)	ND (0.0029 J)	ND (0.0031 J)	ND (0.0027 J)	ND (0.0033 J)	ND (0.0039 J)
	Radium	5	0.339 U	0.536 U	0.143 U	0.912 U	0.460 U	0.288 U	0.997 U	0.378 U
	Selenium	0.05	ND (0.00036 J)	ND	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

- MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
- (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
- Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
- ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
- ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
- N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
- TDS indicates total dissolved solids.
- U indicates the substance 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.
- Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
- NS indicates not sampled due to insufficient water volume.
- Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-12	BGWC-12	BGWC-12	BGWC-12	BGWC-12	BGWC-12	BGWC-12	BGWC-12	BGWC-12
		6/7/2016	8/12/2016	10/6/2016	12/5/2016	2/15/2017	4/18/2017	6/2/2017	7/13/2017	
APPENDIX III	Boron	N/R	1.1	0.867	0.863	0.879	0.886	0.941	1.02	0.945
	Calcium	N/R	90	76.6	78.7	80.9	90.7	94.8	108	111
	Chloride	(250)	44	43	41	41	39	39	37	38
	Fluoride	4	ND	ND (0.08 J)	ND (0.06 J)	ND (0.12 J)	0.33	ND (0.006 J)	ND (0.04 J)	ND (0.17 J)
	Sulfate	(250)	190	180	200	130	190	220	250	250
	TDS	(500)	510	476	524	489	562	955	602	617
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND (0.0009 J)	ND	ND	ND	ND (0.0009 J)	ND (0.0015 J)	ND (0.0006 J)
	Barium	2	0.027	0.0260	0.0308	0.0258	0.029	0.0294	0.0354	0.0329
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND (0.0003 J)	ND
	Cobalt	N/R	ND	ND	ND	ND (0.0006 J)	ND	ND	ND	ND (0.0003 J)
	Lead	0.015	ND	ND (0.0001 J)	ND (0.0002 J)	ND (0.0003 J)	ND	ND	ND (0.0001 J)	ND (0.0001 J)
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND (0.0001 J)	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.0240 U	0.849	1.57	0.956	0.229 U	0.0114 U	0.375 U	0.636 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND	ND (0.00009 J)	ND	ND	ND	ND (0.00009 J)	ND	ND (0.00008 J)	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance		MCL/ (SMCL)	Well ID							
			BGWC-13 6/9/2016	BGWC-13	BGWC-13	BGWC-13	BGWC-13	BGWC-13	BGWC-13	
APPENDIX III	Boron	N/R	0.34							
	Calcium	N/R	110							
	Chloride	(250)	28							
	Fluoride	4	ND (0.17 J)							
	Sulfate	(250)	210							
	TDS	(500)	690							
APPENDIX IV	Antimony	0.006	ND							
	Arsenic	0.01	ND (0.00047 J)							
	Barium	2	0.19							
	Beryllium	0.004	ND							
	Cadmium	0.005	ND							
	Chromium	0.1	ND							
	Cobalt	N/R	ND							
	Lead	0.015	ND							
	Lithium	N/R	ND							
	Mercury	0.002	ND (0.000083 J)							
	Molybdenum	N/R	0.063							
	Radium	5	NS							
	Selenium	0.05	ND (0.00076 J)							
Thallium	0.002	ND								

See Note 11

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID												
		BGWC-14	BGWC-14	BGWC-14	BGWC-14	BGWC-14	BGWC-14	BGWC-14	BGWC-14	BGWC-14	BGWC-14	BGWC-14	BGWC-14	
		6/10/2016	8/17/2016	10/7/2016	12/8/2016	2/21/2017	4/21/2017	5/26/2017	6/6/2017	6/15/2017	7/19/2017	8/10/2017	8/25/2017	
APPENDIX III	Boron	N/R	0.54	0.787	0.785	0.776	0.809	0.820	--	0.906	0.819	0.872	--	--
	Calcium	N/R	70	75.7	85.7	96.5	102	101	--	108	108	113	--	--
	Chloride	(250)	35	35	37	38	37	37	--	35	--	36	--	--
	Fluoride	4	0.23	ND (0.12 J)	ND (0.13 J)	0.31	0.35	ND (0.04 J)	--	0.36	--	ND (0.18 J)	--	--
	Sulfate	(250)	100	130	180	200	210	220	--	230	--	240	--	--
	TDS	(500)	420	453	716	573	589	620	--	656	--	631	--	--
APPENDIX IV	Antimony	0.006	ND	ND	ND (0.0018 J)	ND	ND (0.0013 J)	ND	--	ND (0.0023 J)	ND (0.0015 J)	ND (0.0008 J)	--	--
	Arsenic	0.01	0.0049	ND (0.0042 J)	ND	ND	ND (0.0039 J)	--	ND (0.001 J)	ND (0.0024 J)	ND (0.0031 J)	--	--	
	Barium	2	0.08	0.0801	0.0764	0.0723	0.0789	0.0871	--	0.0789	0.0822	0.0910	--	--
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--
	Chromium	0.1	ND	ND	ND (0.0014 J)	ND	ND	ND	--	ND	ND	ND	--	--
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	--	ND	ND (0.0003 J)	ND (0.0003 J)	--	--
	Lead	0.015	ND	ND	ND	ND	ND	ND	--	ND	ND (0.00009 J)	ND	--	--
	Lithium	N/R	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--
	Mercury	0.002	ND	ND	ND	ND	ND	ND	--	ND	ND (0.000062 J)	ND	--	--
	Molybdenum	N/R	ND (0.014 J)	ND (0.0085 J)	ND (0.0072 J)	ND (0.0082 J)	ND (0.0076 J)	ND (0.0052 J)	--	ND (0.0079 J)	ND (0.0052 J)	ND (0.0073 J)	--	--
	Radium	5	NS	5.18	NS	NS	5.1	NS	7.14	4.68	5.69	2.92	6.51	7.04
Selenium	0.05	ND	ND	ND	ND	ND (0.0011 J)	ND	--	ND	ND	ND	--	--	
Thallium	0.002	ND	ND	ND	ND	ND	ND	--	ND	--	ND	--	--	

Notes:

- MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
- (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
- Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
- ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
- ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
- N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
- TDS indicates total dissolved solids.
- U indicates the substance 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.
- Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
- NS indicates not sampled due to insufficient water volume.
- Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.
- indicates analyte was not analyzed.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-15	BGWC-15	BGWC-15	BGWC-15	BGWC-15	BGWC-15	BGWC-15	BGWC-15	
		6/10/2016	12/8/2016	4/21/2017	6/6/2017	7/13/2017	8/10/2017	8/25/2017		
APPENDIX III	Boron	N/R	ND (0.035 J)	0.0789	0.0795	0.0794	0.0762	0.0892	0.11	See Note 11
	Calcium	N/R	130	121	131	140	144	155	142	
	Chloride	(250)	12	11	--	10	9.9	9.7	10	
	Fluoride	4	ND (0.12 J)	0.4	--	ND (0.04 J)	ND (0.18 J)	ND (0.20 J)	ND (0.07 J)	
	Sulfate	(250)	460	420	--	420	410	440	450	
	TDS	(500)	980	980	--	961	937	932	962	
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND (0.0013 J)	ND (0.0014 J)	ND (0.0007 J)	ND	
	Arsenic	0.01	0.0073	ND	ND (0.0024 J)	ND (0.0011 J)	ND (0.0016 J)	ND (0.0017 J)	ND (0.0015 J)	
	Barium	2	0.093	0.107	0.0883	0.0813	0.0947	0.0805	0.0824	
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	
	Chromium	0.1	ND	ND	ND (0.0013 J)	ND (0.0005 J)	ND (0.001 J)	ND (0.0008 J)	ND (0.0007 J)	
	Cobalt	N/R	0.018	ND (0.0035 J)	ND (0.0022 J)	ND (0.0015 J)	ND (0.0029 J)	ND (0.0023 J)	ND (0.0014 J)	
	Lead	0.015	ND	ND	ND	ND	ND (0.0004 J)	ND (0.00009 J)	ND (0.0001 J)	
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	
	Mercury	0.002	ND	ND	ND	ND	ND	ND	ND	
	Molybdenum	N/R	ND (0.009 J)	0.0138	0.0190	0.0215	0.0227	0.0232	0.0198	
	Radium	5	NS	NS	NS	NS	NS	1.89	NS	
Selenium	0.05	ND	ND	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND (0.0001 J)	ND (0.0001 J)	ND (0.0001 J)	ND (0.00007 J)	ND		

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.
12. -- indicates analyte was not analyzed.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-16	BGWC-16	BGWC-16	BGWC-16	BGWC-16	BGWC-16	BGWC-16	BGWC-16	BGWC-16
		6/7/2016	8/11/2016	10/7/2016	12/6/2016	2/16/2017	4/18/2017	5/30/2017	7/14/2017	
<b>APPENDIX III</b>	<b>Boron</b>	<b>N/R</b>	1.7	1.37	1.49	1.65	1.73	1.77	1.52	1.26
	<b>Calcium</b>	<b>N/R</b>	120	111	103	117	124	120	111	109
	<b>Chloride</b>	<b>(250)</b>	37	41	44	48	46	41	38	35
	<b>Fluoride</b>	<b>4</b>	ND	ND (0.12 J)	ND (0.08 J)	ND (0.24 J)	0.31	ND (0.02 J)	0.51	ND (0.14 J)
	<b>Sulfate</b>	<b>(250)</b>	240	250	260	280	380	290	260	260
	<b>TDS</b>	<b>(500)</b>	580	548	617	730	685	621	601	569
<b>APPENDIX IV</b>	<b>Antimony</b>	<b>0.006</b>	ND	ND (0.0004 J)	ND	ND	ND	ND	ND	ND
	<b>Arsenic</b>	<b>0.01</b>	ND	ND	ND	ND	ND	ND (0.0007 J)	ND (0.0008 J)	ND (0.0008 J)
	<b>Barium</b>	<b>2</b>	0.027	0.0292	0.0295	0.0367	0.0315	0.0272	0.0316	0.0290
	<b>Beryllium</b>	<b>0.004</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Cadmium</b>	<b>0.005</b>	ND (0.0011 J)	0.0011	0.0012	0.0012	0.0015	0.0012	0.0011	0.0012
	<b>Chromium</b>	<b>0.1</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Cobalt</b>	<b>N/R</b>	0.0037	ND (0.0039 J)	ND (0.0043 J)	ND (0.005 J)	ND (0.0054 J)	ND (0.0054 J)	ND (0.0045 J)	ND (0.0049 J)
	<b>Lead</b>	<b>0.015</b>	ND	ND	ND	ND	ND	ND	ND (0.0001 J)	ND (0.0002 J)
	<b>Lithium</b>	<b>N/R</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Mercury</b>	<b>0.002</b>	ND (0.000098 J)	ND	ND	ND	ND	ND	ND	ND
	<b>Molybdenum</b>	<b>N/R</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Radium</b>	<b>5</b>	0.284 U	1.71	0.485 U	1.22	0.19 U	0.520 U	1.21 U	0.526 U
	<b>Selenium</b>	<b>0.05</b>	ND	ND	ND	ND	ND (0.0012 J)	ND	ND	ND
<b>Thallium</b>	<b>0.002</b>	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0003 J)	ND (0.0003 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.



**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-17	BGWC-17	BGWC-17	BGWC-17	BGWC-17	BGWC-17	BGWC-17	BGWC-17	BGWC-17
		6/7/2016	8/11/2016	10/7/2016	12/6/2016	2/16/2017	4/19/2017	5/30/2017	7/14/2017	
APPENDIX III	Boron	N/R	1.5	1.41	1.76	1.79	1.63	1.47	1.70	1.26
	Calcium	N/R	65	61.0	71.0	68.7	65.5	68.9	72.6	70.6
	Chloride	(250)	26	34	38	45	40	38	41	36
	Fluoride	4	ND (0.15 J)	ND (0.30 J)	ND (0.14 J)	ND (0.19 J)	0.51	ND (0.18 J)	ND (0.15 J)	ND (0.16 J)
	Sulfate	(250)	120	110	150	130	120	110	110	110
	TDS	(500)	360	340	533	413	434	415	391	391
APPENDIX IV	Antimony	0.006	ND	ND (0.0002 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND (0.0012 J)	ND (0.0006 J)	ND
	Barium	2	0.017	0.0152	0.0225	0.0171	0.0187	0.0183	0.0179	0.0191
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND (0.0001 J)	ND (0.0002 J)	ND (0.0001 J)	ND (0.0001 J)	ND (0.0001 J)	ND (0.0002 J)	ND (0.0002 J)
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND (0.00017 J)	ND (0.00019 J)	ND (0.00014 J)	ND (0.00016 J)	ND (0.00017 J)	ND (0.00014 J)	ND (0.00023 J)	ND (0.00016 J)
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.135 U	0.808	0.874 U	0.131 U	0.471 U	0.650 U	0.650 U	0.592 U
	Selenium	0.05	ND (0.0004 J)	ND	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND (0.000085 J)	ND (0.00008 J)	ND	ND	ND	ND (0.00008 J)	ND (0.00009 J)	ND (0.00009 J)	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-18	BGWC-18	BGWC-18	BGWC-18	BGWC-18	BGWC-18	BGWC-18	BGWC-18	BGWC-18
		6/8/2016	8/12/2016	10/7/2016	12/6/2016	2/16/2017	4/19/2017	6/1/2017	7/14/2017	
APPENDIX III	Boron	N/R	1.2	0.895	1.33	1.50	0.753	0.762	0.663	0.787
	Calcium	N/R	76	61.7	84.7	88.1	53.7	57.1	44.8	60.0
	Chloride	(250)	48	27	72	73	19	13	8.0	11
	Fluoride	4	ND (0.1 J)	0.39	ND (0.16 J)	0.32	0.38	ND (0.08 J)	ND (0.09 J)	ND (0.06 J)
	Sulfate	(250)	120	81	140	160	92	80	73	78
	TDS	(500)	390	310	823	560	364	337	215	281
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND (0.0013 J)	ND (0.0005 J)	ND
	Barium	2	0.039	0.0310	0.0427	0.0398	0.0309	0.0325	0.0331	0.0349
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND (0.00009 J)	ND
	Cadmium	0.005	ND (0.00063 J)	ND (0.0004 J)	ND (0.0008 J)	ND (0.0006 J)	ND (0.0002 J)	ND (0.00009 J)	ND (0.0003 J)	ND (0.0002 J)
	Chromium	0.1	ND	ND	ND (0.0011 J)	ND	ND	ND	ND	ND
	Cobalt	N/R	ND (0.00071 J)	ND (0.0006 J)	ND (0.0005 J)	ND (0.0009 J)	ND	ND	ND	ND
	Lead	0.015	ND	ND (0.0001 J)	ND	ND (0.0001 J)	ND (0.0002 J)	ND (0.0001 J)	ND (0.00009 J)	ND (0.0001 J)
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.406	1.39	0.451 U	0.516 U	0.172 U	0.704 U	0.493 U	0.547 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND	ND (0.00006 J)	ND	ND	ND	ND	ND	ND	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-19	BGWC-19	BGWC-19	BGWC-19	BGWC-19	BGWC-19	BGWC-19	BGWC-19	BGWC-19
		6/8/2016	8/12/2016	10/7/2016	12/7/2016	2/16/2017	4/19/2017	6/1/2017	7/14/2017	
<b>APPENDIX III</b>	<b>Boron</b>	<b>N/R</b>	0.49	0.647	0.868	0.51	0.68	0.701	0.383	0.645
	<b>Calcium</b>	<b>N/R</b>	55	61.2	70.2	48.6	64.7	69.5	50.8	67.0
	<b>Chloride</b>	<b>(250)</b>	23	26	41	23	31	30	13	19
	<b>Fluoride</b>	<b>4</b>	ND	ND (0.20 J)	ND (0.07 J)	ND (0.09 J)	0.6	ND (0.09 J)	ND (0.05 J)	ND (0.08 J)
	<b>Sulfate</b>	<b>(250)</b>	110	110	150	97	130	140	70	110
	<b>TDS</b>	<b>(500)</b>	340	326	621	269	488	396	266	325
<b>APPENDIX IV</b>	<b>Antimony</b>	<b>0.006</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Arsenic</b>	<b>0.01</b>	ND (0.00046 J)	ND (0.0008 J)	ND	ND	ND	ND (0.0015 J)	ND (0.0008 J)	ND (0.0006 J)
	<b>Barium</b>	<b>2</b>	0.036	0.0412	0.0427	0.0338	0.0407	0.042	0.0341	0.0405
	<b>Beryllium</b>	<b>0.004</b>	ND	ND	ND	ND	ND	ND (0.00008 J)	ND (0.00007 J)	ND
	<b>Cadmium</b>	<b>0.005</b>	ND	ND	ND (0.0001 J)	ND	ND	ND	ND (0.0001 J)	ND
	<b>Chromium</b>	<b>0.1</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Cobalt</b>	<b>N/R</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Lead</b>	<b>0.015</b>	ND	ND	ND	ND	ND	ND (0.0006 J)	ND	ND
	<b>Lithium</b>	<b>N/R</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Mercury</b>	<b>0.002</b>	ND	ND	ND	ND (0.00008 J)	ND	ND	ND	ND
	<b>Molybdenum</b>	<b>N/R</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Radium</b>	<b>5</b>	0.264 U	1.18	1.97	1.31 U	0.350 U	0.974 U	0.332 U	1.27
	<b>Selenium</b>	<b>0.05</b>	ND (0.00043 J)	ND	ND	ND	ND	ND	ND	ND
<b>Thallium</b>	<b>0.002</b>	ND (0.000085 J)	ND (0.00008 J)	ND	ND	ND	ND (0.00006 J)	ND (0.00008 J)	ND (0.00008 J)	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-20	BGWC-20	BGWC-20	BGWC-20	BGWC-20	BGWC-20	BGWC-20	BGWC-20	BGWC-20
		6/8/2016	8/12/2016	10/10/2016	12/7/2016	2/17/2017	4/19/2017	6/1/2017	7/18/2017	
APPENDIX III	Boron	N/R	2.6	2.74	3	3.08	3.63	4.68	3.57	3.37
	Calcium	N/R	200	196	198	215	221	240	286	244
	Chloride	(250)	130	130	140	130	140	140	130	140
	Fluoride	4	ND (0.09 J)	ND (0.04 J)	ND (0.06 J)	ND (0.07 J)	ND (0.06 J)	ND (0.005 J)	0.65	0.36
	Sulfate	(250)	530	530	600	580	710	610	550	590
	TDS	(500)	1000	1100	1110	1100	1160	1180	1130	1160
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND (0.0011 J)	ND (0.0017 J)	ND	ND	ND	ND (0.002 J)	ND (0.0017 J)	ND (0.0018 J)
	Barium	2	0.036	0.0283	0.0288	0.0279	0.0316	0.0367	0.0361	0.0346
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND (0.00008 J)	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND	ND	ND	ND (0.0008 J)	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND (0.0001 J)	ND
	Lithium	N/R	0.016	ND (0.0202 J)	ND (0.0194 J)	ND (0.0265 J)	ND (0.0253 J)	ND (0.0233 J)	ND (0.023 J)	ND (0.0207 J)
	Mercury	0.002	ND	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND (0.011 J)	0.0127	0.0136	0.0139	0.0148	0.0120	0.0125	0.0155
	Radium	5	0.863 U	1.74	0.944 U	2.29	1.35 U	1.48	1.61	1.626
	Selenium	0.05	ND	ND	ND	ND (0.0037 J)	ND	ND	ND	ND
Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance		MCL/ (SMCL)	Well ID							
			BGWC-21	BGWC-21	BGWC-21	BGWC-21	BGWC-21	BGWC-21	BGWC-21	BGWC-21
			6/8/2016	8/18/2016	10/10/2016	12/8/2016	2/17/2017	4/19/2017	6/1/2017	7/18/2017
<b>APPENDIX III</b>	<b>Boron</b>	<b>N/R</b>	0.12	0.191	0.13	0.144	0.0685	0.0743	0.0499	0.0544
	<b>Calcium</b>	<b>N/R</b>	43	38.6	37.5	43.4	41	39.4	42.3	40.9
	<b>Chloride</b>	<b>(250)</b>	7.1	6.9	7.1	6.3	5.6	5.0	4.9	4.2
	<b>Fluoride</b>	<b>4</b>	ND	ND (0.09 J)	ND (0.04 J)	ND (0.08 J)	ND (0.08 J)	ND (0.04 J)	ND (0.03 J)	ND (0.08 J)
	<b>Sulfate</b>	<b>(250)</b>	75	66	57	68	57	52	55	50
	<b>TDS</b>	<b>(500)</b>	260	239	239	255	236	247	185	219
<b>APPENDIX IV</b>	<b>Antimony</b>	<b>0.006</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Arsenic</b>	<b>0.01</b>	0.0015	ND	ND	ND	ND	ND (0.0020 J)	ND (0.0011 J)	ND (0.0015 J)
	<b>Barium</b>	<b>2</b>	0.054	0.0479	0.0433	0.0474	0.0483	0.0486	0.0468	0.0494
	<b>Beryllium</b>	<b>0.004</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Cadmium</b>	<b>0.005</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Chromium</b>	<b>0.1</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Cobalt</b>	<b>N/R</b>	ND (0.00041 J)	ND	ND	ND (0.0006 J)	ND	ND	ND	ND (0.0004 J)
	<b>Lead</b>	<b>0.015</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Lithium</b>	<b>N/R</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Mercury</b>	<b>0.002</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Molybdenum</b>	<b>N/R</b>	ND (0.0027 J)	ND (0.0023 J)	ND (0.0025 J)	ND	ND	ND (0.0014 J)	ND (0.0012 J)	ND (0.0013 J)
	<b>Radium</b>	<b>5</b>	0.573	0.440 U	0.933 U	1.02 U	0.193 U	0.488 U	0.837 U	0.498 U
	<b>Selenium</b>	<b>0.05</b>	ND	ND	ND (0.001 J)	ND	ND	ND	ND	ND
<b>Thallium</b>	<b>0.002</b>	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-22	BGWC-22	BGWC-22	BGWC-22	BGWC-22	BGWC-22	BGWC-22	BGWC-22	BGWC-22
		6/8/2016	8/18/2016	10/10/2016	12/8/2016	2/17/2017	4/20/2017	6/5/2017	7/19/2017	
APPENDIX III	Boron	N/R	7.6	8.37	9.46	11.1	12.2	13.3	9.19	10.6
	Calcium	N/R	350	370	375	434	434	422	398	461
	Chloride	(250)	440	500	480	540	570	740	530	540
	Fluoride	4	0.43	ND (0.30 J)	0.32	ND (0.26 J)	0.39	0.34	ND (0.29 J)	0.33
	Sulfate	(250)	660	730	650	660	740	990	700	720
	TDS	(500)	2000	1960	2130	2200	2200	2330	2530	2650
APPENDIX IV	Antimony	0.006	ND	ND (0.0023 J)	ND (0.0021 J)	ND	ND	ND	ND	ND
	Arsenic	0.01	ND (0.0012 J)	ND (0.0022 J)	ND (0.002 J)	ND	ND (0.0023 J)	ND (0.0028 J)	ND (0.0035 J)	ND (0.0028 J)
	Barium	2	0.092	0.0953	0.0954	0.0991	0.0927	0.0860	0.0875	0.0877
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND (0.0002 J)	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	0.0079	0.0109	0.011	0.013	0.0122	0.0116	0.0112	0.0131
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	0.012	ND (0.0118 J)	ND (0.0137 J)	ND (0.0154 J)	ND (0.0125 J)	ND (0.0120 J)	ND (0.0114 J)	ND (0.0126 J)
	Mercury	0.002	ND (0.000092 J)	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	0.07	0.0758	0.0712	0.0682	0.066	0.0662	0.0710	0.0703
	Radium	5	1.53	2.47	2.11	2.64	1.34	2.35	1.60	1.76
	Selenium	0.05	ND	ND	ND	0.012	ND	ND	ND (0.0018 J)	ND
Thallium	0.002	ND (0.00035 J)	ND (0.0005 J)	ND (0.006 J)	ND (0.0005 J)	ND (0.0006 J)	ND (0.0006 J)	ND (0.0006 J)	ND (0.0007 J)	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-23	BGWC-23	BGWC-23	BGWC-23	BGWC-23	BGWC-23	BGWC-23	BGWC-23	BGWC-23
		6/9/2016	8/18/2016	10/10/2016	12/7/2016	2/20/2017	4/19/2017	6/5/2017	7/17/2017	
<b>APPENDIX III</b>	<b>Boron</b>	<b>N/R</b>	12	5.20	6.13	5.7	5.7	8.79	6.39	7.06
	<b>Calcium</b>	<b>N/R</b>	300	290	296	271	323	298	310	319
	<b>Chloride</b>	<b>(250)</b>	480	400	390	450	470	420	450	470
	<b>Fluoride</b>	<b>4</b>	ND (0.12 J)	ND (0.08 J)	ND (0.09 J)	ND (0.08 J)	ND (0.09 J)	ND (0.03 J)	ND	ND (0.09 J)
	<b>Sulfate</b>	<b>(250)</b>	510	480	460	490	520	490	480	510
	<b>TDS</b>	<b>(500)</b>	1900	1600	1640	1770	1720	1800	2050	1810
<b>APPENDIX IV</b>	<b>Antimony</b>	<b>0.006</b>	ND	ND (0.0009 J)	ND	ND	ND	ND	ND	ND
	<b>Arsenic</b>	<b>0.01</b>	ND (0.0012 J)	ND (0.0030 J)	ND (0.0021 J)	ND (0.0023 J)	ND (0.0025 J)	ND (0.0032 J)	ND (0.0043 J)	ND (0.0017 J)
	<b>Barium</b>	<b>2</b>	0.11	0.0893	0.0839	0.0912	0.0813	0.0870	0.0840	0.0809
	<b>Beryllium</b>	<b>0.004</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Cadmium</b>	<b>0.005</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Chromium</b>	<b>0.1</b>	ND	ND	ND	ND (0.002 J)	ND	ND	ND	ND
	<b>Cobalt</b>	<b>N/R</b>	ND	ND	ND	ND (0.0015 J)	ND	ND	ND	ND
	<b>Lead</b>	<b>0.015</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Lithium</b>	<b>N/R</b>	0.0074	ND (0.0078 J)	ND (0.0093 J)	ND (0.0117 J)	ND (0.011 J)	ND (0.0105 J)	ND (0.0108 J)	ND (0.0095 J)
	<b>Mercury</b>	<b>0.002</b>	ND	ND	ND	ND (0.00005 J)	ND	ND	ND	ND
	<b>Molybdenum</b>	<b>N/R</b>	ND (0.013 J)	0.0136	0.0134	0.0128	0.0122	0.0124	0.0115	0.0131
	<b>Radium</b>	<b>5</b>	0.704	1.88	1.48	2.61	0.884 U	0.948 U	1.33	1.04
	<b>Selenium</b>	<b>0.05</b>	ND	ND	ND	0.0176	ND	ND	ND	ND
<b>Thallium</b>	<b>0.002</b>	ND (0.0001 J)	ND	ND	ND	ND	ND	ND	ND	

**Notes:**

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-24	BGWC-24	BGWC-24	BGWC-24	BGWC-24	BGWC-24	BGWC-24	BGWC-24	BGWC-24
		6/9/2016	8/18/2016	10/10/2016	12/7/2016	2/20/2017	4/19/2017	6/5/2017	7/17/2017	
<b>APPENDIX III</b>	<b>Boron</b>	<b>N/R</b>	26	22.0	18.1	9.19	31.4	31.4	29.0	33.8
	<b>Calcium</b>	<b>N/R</b>	800	730	680	387	823	ND (893 J)	1080	1120
	<b>Chloride</b>	<b>(250)</b>	1900	1600	1400	970	1900	1900	1900	2100
	<b>Fluoride</b>	<b>4</b>	ND	ND (0.24 J)	0.3	ND (0.05 J)	0.65	ND (0.21 J)	ND (0.05 J)	2.5
	<b>Sulfate</b>	<b>(250)</b>	730	580	520	370	610	600	700	670
	<b>TDS</b>	<b>(500)</b>	5200	4200	3850	2720	4200	4680	5660	5080
<b>APPENDIX IV</b>	<b>Antimony</b>	<b>0.006</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Arsenic</b>	<b>0.01</b>	0.0016	0.0054	0.0079	0.0121	0.0063	0.0051	0.0072	ND (0.0031 J)
	<b>Barium</b>	<b>2</b>	0.14	0.113	0.0888	0.0289	0.0999	0.114	0.135	0.134
	<b>Beryllium</b>	<b>0.004</b>	ND	ND	ND	ND	ND	ND	ND	ND
	<b>Cadmium</b>	<b>0.005</b>	ND (0.00052 J)	ND (0.0009 J)	0.0017	ND (0.0004 J)	0.0028	0.0035	0.0035	0.0037
	<b>Chromium</b>	<b>0.1</b>	ND	ND	ND (0.0009 J)	ND	ND	ND	ND	ND
	<b>Cobalt</b>	<b>N/R</b>	0.0026	ND (0.0021 J)	ND (0.0018 J)	ND (0.0018 J)	ND (0.0027 J)	ND (0.0032 J)	ND (0.0034 J)	ND (0.0033 J)
	<b>Lead</b>	<b>0.015</b>	ND (0.00059 J)	ND	ND	ND	ND	ND	ND (0.00007 J)	ND
	<b>Lithium</b>	<b>N/R</b>	0.0057	ND (0.0061 J)	ND (0.006 J)	ND (0.0066 J)	ND (0.0053 J)	ND (0.0055 J)	ND (0.0068 J)	ND
	<b>Mercury</b>	<b>0.002</b>	ND	ND	ND (0.00004 J)	ND (0.00007 J)	ND (0.00005 J)	ND (0.00016 J)	ND (0.00013 J)	ND (0.00013 J)
	<b>Molybdenum</b>	<b>N/R</b>	ND (0.0024 J)	ND (0.0034 J)	ND (0.0047 J)	ND (0.0066 J)	ND (0.0026 J)	ND (0.002 J)	ND (0.0015 J)	ND (0.0013 J)
	<b>Radium</b>	<b>5</b>	2.13	2.67	3.46	1.65	2.68	3.81	2.86	2.87
	<b>Selenium</b>	<b>0.05</b>	ND (0.00099 J)	ND (0.0023 J)	ND (0.004 J)	0.0302	ND (0.0044 J)	ND (0.0046 J)	ND (0.0033 J)	ND (0.0052 J)
<b>Thallium</b>	<b>0.002</b>	ND (0.00022 J)	ND	ND (0.0003 J)	ND	ND (0.0003 J)	ND (0.0004 J)	ND (0.0004 J)	ND (0.0004 J)	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.



**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-25	BGWC-25	BGWC-25	BGWC-25	BGWC-25	BGWC-25	BGWC-25	BGWC-25	BGWC-25
		6/8/2016	8/15/2016	10/10/2016	12/8/2016	2/20/2017	4/20/2017	6/1/2017	7/17/2017	
APPENDIX III	Boron	N/R	ND (0.029 J)	ND (0.0228 J)	ND (0.0305 J)	ND (0.0164 J)	ND (0.0154 J)	ND (0.0283 J)	0.0467	ND (0.0171 J)
	Calcium	N/R	32	33.1	41	38.5	40.7	40.7	44.2	41.9
	Chloride	(250)	6.4	4.3	3.5	2.8	4.2	4.1	4.4	5.0
	Fluoride	4	ND (0.14 J)	ND (0.08 J)	ND (0.1 J)	ND (0.06 J)	ND (0.16 J)	ND (0.02 J)	ND (0.04 J)	ND (0.07 J)
	Sulfate	(250)	10	10	10	13	24	26	29	25
	TDS	(500)	170	161	196	209	251	324	177	238
APPENDIX IV	Antimony	0.006	ND	ND (0.0013 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	0.0037	ND (0.0030 J)	ND (0.0026 J)	ND	ND (0.0029 J)	ND (0.0024 J)	ND (0.0025 J)	ND (0.0021 J)
	Barium	2	0.038	0.0321	0.0283	0.0294	0.0275	0.0279	0.0313	0.0251
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND	ND	ND	ND (0.0006 J)	ND	ND	ND	ND
	Lead	0.015	ND	ND (0.0005 J)	ND	ND (0.0006 J)	ND (0.0004 J)	ND (0.0002 J)	ND (0.00007 J)	ND
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND (0.0064 J)	ND (0.0039 J)	ND (0.0029 J)	ND	ND (0.0024 J)	ND (0.0019 J)	ND (0.0026 J)	ND (0.0024 J)
	Radium	5	0.314 U	1.20	1.03 U	1.47 U	0.547 U	0.0595 U	0.670 U	1.25 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWA-26	BGWA-26	BGWA-26	BGWA-26	BGWA-26	BGWA-26	BGWA-26	BGWA-26	BGWA-26
		8/19/2016	10/4/2016	12/1/2016	1/10/2017	2/14/2017	4/13/2017	5/26/2017	7/10/2017	
APPENDIX III	Boron	N/R	ND (0.0226 J)	ND (0.0150 J)	ND (0.0123 J)	ND (0.0111 J)	ND (0.0091 J)	ND (0.0076 J)	ND (0.0098 J)	ND (0.0085 J)
	Calcium	N/R	28.5	23.0	22	23.5	24.1	35.8	34.5	33.3
	Chloride	(250)	6.8	9.9	9.2	6.7	5.8	5	5.4	5.4
	Fluoride	4	ND (0.12 J)	ND (0.16 J)	ND (0.2 J)	0.34	ND (0.07 J)	ND (0.09 J)	ND (0.09 J)	ND (0.14 J)
	Sulfate	(250)	15	48	57	36	24	17	24	25
	TDS	(500)	180	182	214	186	377	190	195	224
APPENDIX IV	Antimony	0.006	ND	ND (0.0009 J)	ND	ND	ND	ND (0.0003 J)	ND	ND
	Arsenic	0.01	ND	ND (0.0018 J)	ND (0.0022 J)	ND (0.0018 J)	ND	ND (0.0032 J)	ND (0.0018 J)	ND (0.0018 J)
	Barium	2	0.0354	0.0391	0.0402	0.038	0.0421	0.0487	0.0500	0.0482
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND (0.0022 J)	ND	ND	ND	ND (0.0004 J)	ND	ND
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND (0.0003 J)	ND	ND
	Lithium	N/R	ND	ND (0.0026 J)	ND (0.0029 J)	ND (0.0022 J)	ND (0.0024 J)	ND (0.0023 J)	ND (0.0024 J)	ND (0.0016 J)
	Mercury	0.002	ND	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND (0.0053 J)	ND (0.0080 J)	ND (0.0072 J)	ND (0.0054 J)	ND (0.0043 J)	ND (0.0041 J)	ND (0.0039 J)	ND (0.0043 J)
	Radium	5	0.199 U	0.337 U	0.498 U	0.958 U	1.12	1.04 U	1.05 U	0.401 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

- MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
- (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
- Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
- ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
- ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
- N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
- TDS indicates total dissolved solids.
- U indicates the substance 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.
- Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
- NS indicates not sampled due to insufficient water volume.
- Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWA-27	BGWA-27	BGWA-27	BGWA-27	BGWA-27	BGWA-27	BGWA-27	BGWA-27	BGWA-27
		8/19/2016	10/4/2016	12/1/2016	1/10/2017	2/14/2017	4/13/2017	5/25/2017	7/10/2017	
APPENDIX III	Boron	N/R	ND (0.0175 J)	ND (0.0113 J)	ND (0.0125 J)	ND (0.0123 J)	ND (0.0129 J)	ND (0.0202 J)	ND (0.0255 J)	ND (0.0319 J)
	Calcium	N/R	36.3	41.2	40.7	41.8	39.4	42.7	47.9	46.8
	Chloride	(250)	13	14	15	14	15	15	18	20
	Fluoride	4	ND (0.03 J)	ND (0.03 J)	ND (0.07 J)	ND (0.11 J)	ND	ND	ND	ND
	Sulfate	(250)	7.6	8.2	8.8	8.8	10	10	12	13
	TDS	(500)	206	183	219	218	310	275	230	263
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND (0.0006 J)	ND (0.0009 J)	ND (0.0007 J)
	Barium	2	0.0383	0.0389	0.0413	0.0388	0.0395	0.0396	0.0447	0.0505
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND (0.0010 J)	ND	ND	ND	ND (0.0006 J)	ND (0.0004 J)	ND (0.0007 J)
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND (0.0011 J)
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.661 U	0.466 U	0.166 U	0.689 U	0.986 U	0.827 U	0.350 U	1.09
	Selenium	0.05	ND	ND (0.0015 J)	ND (0.0012 J)	ND	ND	ND	ND	ND
Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWA-28	BGWA-28	BGWA-28	BGWA-28	BGWA-28	BGWA-28	BGWA-28	BGWA-28	
		8/19/2016	10/4/2016	12/1/2016	1/10/2017	2/13/2017	4/13/2017	5/25/2017	7/7/2017	
APPENDIX III	Boron	N/R	ND (0.0690 J)	ND (0.0663 J)	0.064	0.0745	0.0717	0.0922	0.122	0.138
	Calcium	N/R	40.5	45.5	42.4	42.6	45.5	48.7	53.8	49.8
	Chloride	(250)	17	17	18	17	20	22	28	32
	Fluoride	4	ND (0.04 J)	ND (0.05 J)	ND (0.09 J)	ND (0.12 J)	ND	ND (0.03 J)	ND (0.02 J)	ND (0.09 J)
	Sulfate	(250)	15	14	13	12	16	15	19	21
	TDS	(500)	245	213	232	225	263	257	245	278
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND (0.0009 J)	ND (0.0012 J)	ND
	Barium	2	0.0548	0.0906	0.116	0.167	0.138	0.192	0.158	0.176
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND (0.0004 J)	ND
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND (0.0018 J)	ND (0.0019 J)	ND	ND (0.0018 J)	ND	ND (0.0014 J)	ND	ND
	Radium	5	0.752 U	0.264 U	0.204 U	0.786 U	0.563 U	0.818 U	0.635 U	1.54
Selenium	0.05	ND	ND	ND (0.002 J)	ND (0.0014 J)	ND (0.0016 J)	ND	ND (0.0017 J)	ND (0.0022 J)	
Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

- MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
- (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
- Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
- ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
- ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
- N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
- TDS indicates total dissolved solids.
- U indicates the substance 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.
- Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
- NS indicates not sampled due to insufficient water volume.
- Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWA-29	BGWA-29	BGWA-29	BGWA-29	BGWA-29	BGWA-29	BGWA-29	BGWA-29	BGWA-29
		8/22/2016	10/4/2016	12/1/2016	1/10/2017	2/14/2017	4/14/2017	5/25/2017	7/10/2017	
APPENDIX III	Boron	N/R	ND (0.0132 J)	ND (0.0065 J)	ND	ND	ND	ND	ND	ND
	Calcium	N/R	21.4	20.9	19.8	20.4	20.9	ND (20.7 J)	ND (22.8 J)	22.3
	Chloride	(250)	4.2	2.1	1.8	1.6	1.9	1.5	1.5	1.6
	Fluoride	4	ND (0.04 J)	ND (0.06 J)	ND (0.08 J)	ND (0.03 J)	ND	ND (0.01 J)	ND (0.005 J)	ND (0.06 J)
	Sulfate	(250)	4.2	6.4	7.8	4.5	5.1	4.4	4.2	3.5
	TDS	(500)	121	95	121	115	345	119	109	140
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND (0.0006 J)	ND (0.0008 J)	ND (0.0008 J)
	Barium	2	ND (0.0094 J)	0.0188	0.0334	0.0306	0.0247	0.0231	0.0235	0.0207
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND (0.00009 J)	ND	ND	ND	ND
	Chromium	0.1	ND	ND (0.0013 J)	ND	ND	ND	ND (0.0005 J)	ND (0.0004 J)	ND (0.0005 J)
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.356 U	0.0834 U	0.208 U	0.0240 U	0.105 U	0.803 U	0.569 U	0.589 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.

**Plant Bowen Ash Pond  
Analytical Data Summary**

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance	MCL/ (SMCL)	Well ID								
		BGWC-30	BGWC-30	BGWC-30	BGWC-30	BGWC-30	BGWC-30	BGWC-30	BGWC-30	BGWC-30
		1/23/2017	2/7/2017	3/27/2017	4/17/2017	5/22/2017	6/5/2017	7/11/2017	8/23/2017	
APPENDIX III	Boron	N/R	18.6	20.4	19.1	21.8	26	18.6	25.0	20.2
	Calcium	N/R	372	351	417	415	885	413	449	409
	Chloride	(250)	780	780	790	770	890	870	840	800
	Fluoride	4	ND (0.06 J)	ND (0.09 J)	ND (0.09 J)	0.36	ND (0.05 J)	0.32	ND (0.13 J)	ND (0.17 J)
	Sulfate	(250)	410	410	410	400	460	440	420	390
	TDS	(500)	2060	1860	2440	2180	2470	2780	2580	2400
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND (0.0019 J)	ND (0.0017 J)	ND (0.0034 J)	ND (0.0039 J)	ND (0.0016 J)	ND (0.001 J)
	Barium	2	0.237	0.191	0.197	0.192	0.197	0.201	0.179	0.15
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND (0.0003 J)	ND (0.0006 J)	ND (0.0003 J)	ND (0.0002 J)	ND (0.0003 J)	ND (0.0003 J)	ND (0.0005 J)	ND (0.0004 J)
	Chromium	0.1	ND (0.001 J)	ND	ND	ND	ND (0.0004 J)	ND (0.0004 J)	ND (0.0012 J)	ND (0.0009 J)
	Cobalt	N/R	ND (0.0012 J)	ND (0.0008 J)	ND (0.001 J)	ND (0.0009 J)	ND (0.0008 J)	ND (0.0008 J)	ND (0.0008 J)	ND (0.0006 J)
	Lead	0.015	ND (0.0003 J)	ND (0.0002 J)	ND (0.00008 J)	ND	ND	ND	ND (0.00008 J)	ND
	Lithium	N/R	ND (0.0171 J)	ND (0.0196 J)	ND (0.0192 J)	ND (0.0169 J)	ND (0.0167 J)	ND (0.0177 J)	ND (0.0203 J)	ND (0.0182 J)
	Mercury	0.002	ND (0.00008 J)	ND (0.00011 J)	ND (0.00008 J)	ND (0.00004 J)	ND	ND (0.00006 J)	ND (0.000091 J)	ND (0.00005 J)
	Molybdenum	N/R	0.0125	0.0163	0.0157	0.0178	0.0208	0.0191	0.0218	0.0218
	Radium	5	2.71	3	2.55	2.73	3.15	0.860 U	1.87	3.39
	Selenium	0.05	0.015	0.0114	ND (0.0092 J)	ND (0.0082 J)	ND (0.0094 J)	0.0118	0.0120	ND (0.0097 J)
Thallium	0.002	ND (0.0008 J)	ND (0.0008 J)	ND (0.0006 J)	ND (0.0007 J)	ND (0.0008 J)	ND (0.0007 J)	ND (0.0007 J)	ND (0.0007 J)	

Notes:

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value J) indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance 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.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS indicates not sampled due to insufficient water volume.
11. Well no longer sampled as part of background monitoring due to well replacement, proximity to closure activities, or modifications to the proposed well network.