

**Plant Branch Ash Ponds
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								
		BRGWA-2I	BRGWA-2I	BRGWA-2I	BRGWA-2I	BRGWA-2I	BRGWA-2I	BRGWA-2I	BRGWA-2I	
		8/31/2016	11/16/2016	2/21/2017	6/12/2017	9/26/2017				
APPENDIX III	Boron	N/R	ND (0.0072 J)	ND (0.0117 J)	ND (0.0088 J)	ND (0.0133 J)	ND (0.0093 J)			
	Calcium	N/R	12.6	12.1	11.4	9.34	14.3			
	Chloride	(250)	2.3	2.0	2.0	2.1	2.0			
	Fluoride	4	ND (0.11 J)	ND (0.05 J)	ND (0.14 J)	ND (0.16 J)	ND (0.14 J)			
	Sulfate	(250)	7.5	6.6	6.1	5.0	5.4			
	TDS	(500)	151	69	68	161	167			
APPENDIX IV	Antimony	0.006	ND (0.0009 J)	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND (0.0007 J)	ND (0.0010 J)			
	Barium	2	0.0239	0.0147	0.0109	ND (0.0094 J)	0.0156			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND (0.0010 J)	ND	ND	ND (0.0005 J)	ND (0.0005 J)			
	Cobalt	N/R	ND (0.0016 J)	ND (0.0006 J)	ND	ND	ND			
	Lead	0.015	ND	ND	ND	ND (0.00008 J)	ND (0.00007 J)			
	Lithium	N/R	ND (0.0268 J)	ND (0.0201 J)	ND (0.0128 J)	ND (0.0245 J)	0.0549			
	Mercury	0.002	ND	ND	ND	ND (0.00004 J)	ND			
	Molybdenum	N/R	ND (0.0021 J)	ND	ND (0.0021 J)	ND (0.0021 J)	ND (0.0011 J)			
	Radium	5	1.00 U	0.824 U	1.01 U	0.532 U	0.845 U			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

Notes:

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Substance	MCL/ (SMCL)	Well ID							
		BRGWA-2S	BRGWA-2S	BRGWA-2S	BRGWA-2S	BRGWA-2S	BRGWA-2S	BRGWA-2S	BRGWA-2S
		8/31/2016	11/16/2016	2/21/2017	6/13/2017	9/26/2017			
APPENDIX III	Boron	N/R	ND	ND (0.0109 J)	ND	ND	ND		
	Calcium	N/R	4.09	4.25	4.02	3.84	3.31		
	Chloride	(250)	2.0	1.8	1.8	1.7	1.8		
	Fluoride	4	ND (0.05 J)	ND (0.04 J)	ND (0.05 J)	ND (0.04 J)	ND		
	Sulfate	(250)	ND (0.38 J)	ND (0.36 J)	1.5	ND (0.67 J)	ND (0.62 J)		
	TDS	(500)	88	41	ND	53	45		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND (0.0011 J)	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND		
	Barium	2	ND (0.0099 J)	0.0102	ND (0.0094 J)	ND (0.0094 J)	ND (0.0096 J)		
	Beryllium	0.004	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND	ND	ND	ND	ND		
	Chromium	0.1	ND (0.0034 J)	ND (0.0029 J)	ND (0.0036 J)	ND (0.0038 J)	ND (0.0045 J)		
	Cobalt	N/R	ND (0.0034 J)	ND (0.003 J)	ND (0.0028 J)	ND (0.0025 J)	ND (0.0020 J)		
	Lead	0.015	ND	ND	ND	ND	ND (0.00007 J)		
	Lithium	N/R	ND	ND	ND	ND	ND		
	Mercury	0.002	ND	ND	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND		
	Radium	5	0.620 U	0.430 U	0.960 U	0.645 U	0.299 U		
	Selenium	0.05	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND	ND	ND			

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Substance	MCL/ (SMCL)	Well ID								
		BRGWA-5I	BRGWA-5I	BRGWA-5I	BRGWA-5I	BRGWA-5I	BRGWA-5I	BRGWA-5I	BRGWA-5I	
		8/31/2016	11/16/2016	2/20/2017	6/12/2017	9/26/2017				
APPENDIX III	Boron	N/R	ND	ND (0.0187 J)	ND (0.0066 J)	ND	ND			
	Calcium	N/R	13.5	14.9	13.9	13.7	14.4			
	Chloride	(250)	4.4	4.4	4.8	4.2	4.4			
	Fluoride	4	ND (0.07 J)	ND (0.03 J)	ND (0.06 J)	ND (0.008 J)	ND			
	Sulfate	(250)	2.7	3.4	3.9	3.7	4.1			
	TDS	(500)	138	77	170	132	108			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND (0.0007 J)	ND (0.0009 J)			
	Barium	2	0.0273	0.0365	0.0336	0.0322	0.0364			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND (0.0058 J)	ND (0.0051 J)	ND (0.0049 J)	ND (0.0052 J)	ND (0.0039 J)			
	Cobalt	N/R	ND (0.0013 J)	ND (0.0012 J)	ND (0.0012 J)	ND (0.0011 J)	ND (0.0016 J)			
	Lead	0.015	ND	ND	ND	ND	ND			
	Lithium	N/R	ND	ND (0.0033 J)	ND	ND (0.0019 J)	ND (0.0022 J)			
	Mercury	0.002	ND	ND	ND	ND	ND			
	Molybdenum	N/R	ND (0.004 J)	ND (0.0038 J)	ND (0.0055 J)	ND (0.0050 J)	ND (0.0053 J)			
	Radium	5	0.566 U	0.493 U	0.534 U	0.254 U	0.620 U			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

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Substance	MCL/ (SMCL)	Well ID								
		BRGWA-5S	BRGWA-5S	BRGWA-5S	BRGWA-5S	BRGWA-5S	BRGWA-5S	BRGWA-5S	BRGWA-5S	
		8/31/2016	11/15/2016	2/20/2017	6/12/2017	9/26/2017				
APPENDIX III	Boron	N/R	ND	ND (0.0085 J)	ND (0.0093 J)	ND	ND			
	Calcium	N/R	19.6	21.7	21.1	21.5	24.0			
	Chloride	(250)	3.6	4.0	3.9	3.8	4.1			
	Fluoride	4	ND (0.19 J)	ND (0.08 J)	ND (0.08 J)	ND (0.07 J)	ND (0.04 J)			
	Sulfate	(250)	ND (0.81 J)	ND (0.87 J)	1.0	ND (0.94 J)	ND (0.92 J)			
	TDS	(500)	154	123	158	142	138			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND (0.0006 J)	ND (0.0007 J)			
	Barium	2	0.0495	0.0512	0.0586	0.0567	0.0586			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND (0.0028 J)	ND (0.0030 J)	ND (0.0047 J)	ND (0.0041 J)	ND (0.0037 J)			
	Cobalt	N/R	ND	ND	ND (0.0009 J)	ND (0.0006 J)	ND (0.0005 J)			
	Lead	0.015	ND	ND	ND (0.0002 J)	ND (0.0001 J)	ND (0.0001 J)			
	Lithium	N/R	ND	ND	ND	ND	ND			
	Mercury	0.002	ND	ND	ND (0.00008 J)	ND	ND			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	0.428 U	0.645 U	1.36	0.566 U	0.762 U			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

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Substance	MCL/ (SMCL)	Well ID								
		BRGWA-6S	BRGWA-6S	BRGWA-6S	BRGWA-6S	BRGWA-6S	BRGWA-6S	BRGWA-6S	BRGWA-6S	
		9/1/2016	11/15/2016	2/20/2017	6/12/2017	9/26/017				
APPENDIX III	Boron	N/R	ND	ND (0.0123 J)	ND (0.0157 J)	ND	ND			
	Calcium	N/R	3.30	3.44	3.52	3.11	3.15			
	Chloride	(250)	2.5	2.3	2.4	2.2	2.3			
	Fluoride	4	ND (0.06 J)	ND (0.04 J)	ND (0.04 J)	ND (0.06 J)	ND			
	Sulfate	(250)	ND (0.6 J)	ND (0.49 J)	ND (0.98 J)	ND (0.54 J)	ND (0.53 J)			
	TDS	(500)	299	41	133	61	29			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND	ND (0.0007 J)			
	Barium	2	0.0142	0.0126	0.0142	0.0134	0.0133			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	0.0147	0.0154	0.0140	0.0160	0.0144			
	Cobalt	N/R	ND	ND	ND	ND (0.0003 J)	ND (0.0003 J)			
	Lead	0.015	ND (0.0001 J)	ND	ND	ND (0.00008 J)	ND			
	Lithium	N/R	ND (0.0030 J)	ND (0.0033 J)	ND (0.0025 J)	ND (0.0027 J)	ND (0.0023 J)			
	Mercury	0.002	ND	ND	ND	ND	ND			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	0.603 U	0.412 U	0.633 U	0.112 U	0.167 U			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

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		BRGWA-12I	BRGWA-12I	BRGWA-12I	BRGWA-12I	BRGWA-12I	BRGWA-12I	BRGWA-12I	BRGWA-12I	
		9/1/2016	11/16/2016	2/21/2017	6/14/2017	9/26/2017				
APPENDIX III	Boron	N/R	ND (0.0093 J)	ND (0.0127 J)	ND (0.0071 J)	ND (0.0078 J)	ND			
	Calcium	N/R	8.98	15.4	17.4	18.1	19.3			
	Chloride	(250)	3.3	3.6	3.2	3.1	3.3			
	Fluoride	4	ND (0.20 J)	ND (0.14 J)	ND (0.16 J)	ND (0.09 J)	ND (0.10 J)			
	Sulfate	(250)	2.7	3.6	3.0	2.6	2.5			
	TDS	(500)	142	100	71	140	149			
APPENDIX IV	Antimony	0.006	ND (0.0015 J)	ND	ND	ND (0.0014 J)	ND			
	Arsenic	0.01	ND	ND	ND	ND (0.0009 J)	ND (0.0012 J)			
	Barium	2	0.0454	0.0623	0.0644	0.0726	0.0765			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND (0.0009 J)	ND (0.0015 J)	ND (0.0010 J)	ND (0.0012 J)	ND (0.0014 J)			
	Cobalt	N/R	ND	ND	ND	ND	ND			
	Lead	0.015	ND	ND	ND	ND	ND			
	Lithium	N/R	ND (0.0061 J)	ND (0.0054 J)	ND (0.0058 J)	ND (0.0054 J)	ND (0.0037 J)			
	Mercury	0.002	ND	ND	ND	ND (0.00006 J)	ND			
	Molybdenum	N/R	ND (0.0020 J)	ND	ND	ND	ND			
	Radium	5	1.18	0.799 U	1.75 U	2.66	0.841 U			
Selenium	0.05	ND	ND	ND	ND	ND				
Thallium	0.002	ND	ND	ND	ND	ND				

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		9/1/2016	11/16/2016	2/21/2017	6/13/2017	9/26/2017				
APPENDIX III	Boron	N/R	ND	ND (0.0081 J)	ND	ND	ND			
	Calcium	N/R	4.61	4.17	5.00	4.98	4.49			
	Chloride	(250)	3.5	3.6	3.2	3.3	3.3			
	Fluoride	4	ND (0.05 J)	ND (0.03 J)	ND (0.04 J)	ND (0.008 J)	ND			
	Sulfate	(250)	1.7	1.2	1.1	1.1	1.3			
	TDS	(500)	69	100	37	84	68			
APPENDIX IV	Antimony	0.006	ND	ND (0.0011 J)	ND	ND (0.0009 J)	0.0032			
	Arsenic	0.01	ND	ND	ND	ND (0.0006 J)				
	Barium	2	0.0528	0.0509	0.0531	0.0543	0.0547			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND (0.0013 J)	ND (0.0012 J)	ND (0.0017 J)	ND (0.0019 J)	ND (0.0018 J)			
	Cobalt	N/R	ND	ND	ND	ND	ND			
	Lead	0.015	ND	ND	ND	ND	ND			
	Lithium	N/R	ND	ND	ND	ND	ND			
	Mercury	0.002	ND	ND	ND	ND	ND			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	0.643 U	0.863 U	0.318 U	0.163 U	0.560 U			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

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9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.

Plant Branch Ash Ponds 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								
		BRGWA-23S	BRGWA-23S	BRGWA-23S	BRGWA-23S	BRGWA-23S	BRGWA-23S	BRGWA-23S	BRGWA-23S	
		9/6/2016	11/17/2016	2/21/2017	6/13/2017	9/26/2017				
APPENDIX III	Boron	N/R	ND (0.0362 J)	0.0617	ND (0.0245 J)	ND	ND			
	Calcium	N/R	12.8	19.2	15.1	10.2	15.0			
	Chloride	(250)	5.8	4.3	3.5	3.2	3.5			
	Fluoride	4	0.42	ND (0.15 J)	ND (0.10 J)	ND (0.07 J)	ND			
	Sulfate	(250)	38	84	39	35	89			
	TDS	(500)	146	211	151	130	160			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND (0.0008 J)	ND (0.0012 J)			
	Barium	2	0.0624	0.109	0.0950	0.0861	0.104			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND	ND	ND	ND	ND			
	Cobalt	N/R	ND (0.0028 J)	ND (0.0072 J)	ND (0.0045 J)	ND (0.0036 J)	ND (0.0037 J)			
	Lead	0.015	ND	ND	ND	ND	ND			
	Lithium	N/R	ND (0.0028 J)	ND (0.0063 J)	ND (0.0052 J)	ND (0.0061 J)	ND (0.0087 J)			
	Mercury	0.002	ND	ND	ND	ND	ND			
	Molybdenum	N/R	ND (0.0028 J)	ND	ND	ND	ND			
	Radium	5	0.585 U	0.804 U	0.595 U	0.618 U	1.26 U			
	Selenium	0.05	ND	ND (0.0052 J)	ND (0.0018 J)	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

Notes:

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Substance	MCL/ (SMCL)	Well ID							
		BRGWC-17S	BRGWC-17S	BRGWC-17S	BRGWC-17S	BRGWC-17S	BRGWC-17S	BRGWC-17S	BRGWC-17S
		9/7/2016	11/17/2016	2/22/2017	6/15/2017	9/28/2017			
APPENDIX III	Boron	N/R	ND (0.0449 J)	ND (0.0067 J)	ND	ND	ND		
	Calcium	N/R	26.3	31.8	33.5	29.0	34.1		
	Chloride	(250)	3.7	4.0	3.6	3.7	4.1		
	Fluoride	4	ND (0.22 J)	0.33	ND (0.11 J)	ND (0.05 J)	ND (0.05 J)		
	Sulfate	(250)	97	120	120	130	120		
	TDS	(500)	331	308	341	333	310		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND (0.0009 J)	ND		
	Arsenic	0.01	ND	ND	ND	ND (0.0006 J)	ND		
	Barium	2	0.0377	0.0405	0.0392	0.0364	0.0408		
	Beryllium	0.004	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND	ND	ND	ND	ND		
	Chromium	0.1	ND (0.0100 J)	0.0185	0.0122	0.0117	0.0114		
	Cobalt	N/R	ND	ND	ND	ND	ND		
	Lead	0.015	ND	ND (0.0001 J)	ND	ND	ND		
	Lithium	N/R	ND	ND	ND	ND	ND		
	Mercury	0.002	ND	ND	ND	ND (0.00006 J)	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND		
	Radium	5	0.541 U	0.145 U	0.0213 U	0.410 U	0.496 U		
	Selenium	0.05	ND (0.0024 J)	ND (0.0028 J)	ND (0.0018 J)	ND (0.0024 J)	ND		
Thallium	0.002	ND	ND	ND	ND	ND			

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**Plant Branch Ash Ponds
Analytical Data Summary**

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Substance	MCL/ (SMCL)	Well ID								
		BRGWC-25I	BRGWC-25I	BRGWC-25I	BRGWC-25I	BRGWC-25I	BRGWC-25I	BRGWC-25I	BRGWC-25I	
		9/8/2016	11/17/2016	2/21/2017	6/13/2017	9/27/2017				
APPENDIX III	Boron	N/R	1.03	1.70	1.55	1.77	1.75			
	Calcium	N/R	59.4	78.4	80.9	62.0	65.8			
	Chloride	(250)	5.5	7.7	7.3	7.5	7.9			
	Fluoride	4	ND (0.14 J)	ND (0.27 J)	0.60	ND (0.19 J)	0.50			
	Sulfate	(250)	280	200	360	290	310			
	TDS	(500)	460	611	497	474	457			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND (0.0006 J)	ND			
	Barium	2	0.0378	0.0448	0.0447	0.0351	0.0383			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND	ND	ND	ND	ND			
	Cobalt	N/R	ND (0.0073 J)	ND (0.0086 J)	ND (0.0079 J)	ND (0.0083 J)	ND (0.0087 J)			
	Lead	0.015	ND	ND	ND	ND	ND			
	Lithium	N/R	ND	ND	ND	ND	ND			
	Mercury	0.002	ND	ND	ND	ND	ND (0.00004 J)			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	0.471 U	1.20 U	1.31	0.738 U	0.583 U			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

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Plant Branch Ash Ponds 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								
		BRGWC-271	BRGWC-271	BRGWC-271	BRGWC-271	BRGWC-271	BRGWC-271	BRGWC-271	BRGWC-271	
		9/8/2016	11/18/2016	2/21/2017	6/13/2017	9/27/2017				
APPENDIX III	Boron	N/R	1.63	1.91	1.39	1.62	1.16			
	Calcium	N/R	87.2	82.4	75.1	61.0	72.6			
	Chloride	(250)	6.0	6.3	5.1	4.7	4.9			
	Fluoride	4	0.31	ND (0.19 J)	0.35	ND (0.19 J)	0.40			
	Sulfate	(250)	300	320	270	230	260			
	TDS	(500)	478	503	380	354	376			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND (0.0009 J)	ND (0.0007 J)			
	Barium	2	0.0184	0.0173	0.0150	0.0143	0.0170			
	Beryllium	0.004	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0001 J)			
	Cadmium	0.005	ND (0.00007 J)	ND (0.00009 J)	ND	ND	ND			
	Chromium	0.1	ND (0.001 J)	ND	ND	ND	ND			
	Cobalt	N/R	0.0149	0.0131	ND (0.0099 J)	ND (0.0094 J)	0.0095 J			
	Lead	0.015	ND	ND	ND	ND	ND			
	Lithium	N/R	ND (0.0021 J)	ND	ND	ND (0.0017 J)	ND (0.0016 J)			
	Mercury	0.002	ND	ND	ND	ND (0.00005 J)	ND (0.000047 J)			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	1.74	0.571 U	1.28 U	0.521 U	0.595 U			
	Selenium	0.05	ND (0.0043 J)	ND (0.0047 J)	ND (0.0025 J)	ND (0.0036 J)	ND (0.0040 J)			
Thallium	0.002	ND	ND	ND	ND	ND				

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- BRGWC-271 reported as BRGWC-27S in 9/8/2016 lab report.

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Substance	MCL/ (SMCL)	Well ID								
		BRGWC-29I	BRGWC-29I	BRGWC-29I	BRGWC-29I	BRGWC-29I	BRGWC-29I	BRGWC-29I	BRGWC-29I	
		9/8/2016	11/21/2016	2/22/2017	6/14/2017	9/27/2017				
APPENDIX III	Boron	N/R	1.35	1.74	1.50	1.60	1.83			
	Calcium	N/R	93.9	99.1	105	91.3	84.0			
	Chloride	(250)	6.4	6.9	6.2	7.2	8.7			
	Fluoride	4	ND (0.20 J)	0.37	0.37	0.38	0.40			
	Sulfate	(250)	460	500	570	440	380			
	TDS	(500)	654	819	721	661	518			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND (0.0007 J)	ND			
	Arsenic	0.01	ND	ND (0.0019 J)	ND	ND (0.0020 J)	ND (0.0016 J)			
	Barium	2	0.0199	ND (0.0221 J)	0.0179	0.0157	0.0165			
	Beryllium	0.004	ND (0.0011 J)	ND (0.0012 J)	ND (0.0014 J)	ND (0.0012 J)	ND (0.0010 J)			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND	ND	ND	ND	ND			
	Cobalt	N/R	0.0122	0.0122	0.0136	0.0113	ND (0.0094 J)			
	Lead	0.015	ND (0.0004 J)	ND (0.0006 J)	ND (0.0005 J)	ND (0.0004 J)	ND (0.0006 J)			
	Lithium	N/R	ND (0.0040 J)	ND (0.0039 J)	ND (0.0043 J)	ND (0.0036 J)	ND (0.0038 J)			
	Mercury	0.002	ND	ND	ND	ND (0.00007 J)	ND (0.00004 J)			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	0.540 U	1.59	1.64	1.32	1.70			
	Selenium	0.05	ND (0.0039 J)	ND (0.0058 J)	ND (0.0050 J)	ND (0.0074 J)	ND (0.0068 J)			
Thallium	0.002	ND	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)				

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Substance	MCL/ (SMCL)	Well ID								
		BRGWC-30I	BRGWC-30I	BRGWC-30I	BRGWC-30I	BRGWC-30I	BRGWC-30I	BRGWC-30I	BRGWC-30I	
		9/6/2016	11/21/2016	2/22/2017	6/14/2017	9/27/2017				
APPENDIX III	Boron	N/R	1.96	1.68	1.48	1.71	1.61			
	Calcium	N/R	63.3	60.7	62.1	63.5	63.5			
	Chloride	(250)	6.7	6.5	5.6	5.7	6.0			
	Fluoride	4	0.43	ND (0.24 J)	ND (0.20 J)	ND (0.15 J)	0.41			
	Sulfate	(250)	310	300	280	290	260			
	TDS	(500)	505	515	504	536	432			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND	ND			
	Barium	2	0.0206	ND (0.0237 J)	0.0219	0.0197	0.0213			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND (0.00008 J)	ND	ND	ND			
	Chromium	0.1	ND	ND	ND	ND	ND			
	Cobalt	N/R	ND (0.0006 J)	ND	ND (0.0016 J)	ND (0.0015 J)	ND (0.0007 J)			
	Lead	0.015	ND	ND	ND	ND	ND			
	Lithium	N/R	ND (0.0117 J)	ND (0.0108 J)	ND (0.0103 J)	ND (0.0101 J)	ND (0.0116 J)			
	Mercury	0.002	ND	ND	ND	ND (0.00007 J)	ND (0.00004 J)			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	1.01 U	0.201 U	0.570 U	0.726 U	0.884 U			
	Selenium	0.05	ND	ND	ND	ND (0.0045 J)	ND (0.0034 J)			
Thallium	0.002	ND	ND	ND	ND	ND				

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Substance	MCL/ (SMCL)	Well ID								
		BRGWC-32S	BRGWC-32S	BRGWC-32S	BRGWC-32S	BRGWC-32S	BRGWC-32S	BRGWC-32S	BRGWC-32S	
		9/8/2016	11/21/2016	2/22/2017	6/14/2017	9/27/2017				
APPENDIX III	Boron	N/R	1.28	1.19	1.43	1.57	1.51			
	Calcium	N/R	60.5	31.1	67.3	60.2	68.4			
	Chloride	(250)	6.8	7.8	7.0	7.1	7.2			
	Fluoride	4	ND (0.15 J)	ND (0.04 J)	ND (0.08 J)	ND (0.09 J)	ND			
	Sulfate	(250)	370	420	380	400	400			
	TDS	(500)	607	695	635	635	601			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND	ND			
	Barium	2	0.0593	0.0532	0.0498	0.0421	0.0411			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND (0.00008 J)	ND (0.0001 J)	ND	ND			
	Chromium	0.1	ND	ND	ND (0.0012 J)	ND (0.0009 J)	ND (0.0011 J)			
	Cobalt	N/R	ND (0.0025 J)	ND (0.0010 J)	ND	ND	ND			
	Lead	0.015	ND	ND	ND	ND	ND			
	Lithium	N/R	ND	ND	ND (0.0023 J)	ND (0.0022 J)	ND (0.0021 J)			
	Mercury	0.002	ND	ND	ND	ND (0.00009 J)	ND (0.00010 J)			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	0.816 U	0.0569 U	1.07 U	0.459 U	0.807 U			
	Selenium	0.05	ND	ND	ND (0.0017 J)	ND	ND (0.0019 J)			
Thallium	0.002	ND	ND	ND	ND	ND				

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7. TDS indicates total dissolved solids.
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9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.

**Plant Branch Ash Ponds
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								
		BRGWC-33S	BRGWC-33S	BRGWC-33S	BRGWC-33S	BRGWC-33S	BRGWC-33S	BRGWC-33S	BRGWC-33S	
		9/7/2016	11/17/2016	2/22/2017	6/14/2017	9/27/2017				
APPENDIX III	Boron	N/R	1.15	1.08	1.44	1.16	1.04			
	Calcium	N/R	53.4	41.3	53.1	47.1	49.5			
	Chloride	(250)	5.3	5.3	ND (0.12 J)	4.5	5.4			
	Fluoride	4	ND (0.19 J)	ND (0.26 J)	ND (0.21 J)	ND (0.18 J)	0.42			
	Sulfate	(250)	260	250	210	200	200			
	TDS	(500)	382	382	387	316	303			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND (0.0006 J)	ND			
	Barium	2	0.0214	0.0211	0.0243	0.0218	0.0219			
	Beryllium	0.004	ND (0.0019 J)	ND (0.002 J)	ND (0.0022 J)	ND (0.0019 J)	ND (0.0017 J)			
	Cadmium	0.005	ND (0.0005 J)	ND (0.0005 J)	ND (0.0006 J)	ND (0.0004 J)	ND (0.0004 J)			
	Chromium	0.1	ND	ND	ND	ND	ND			
	Cobalt	N/R	0.0612	0.0551	0.0567	0.0557	0.0490			
	Lead	0.015	ND (0.0002 J)	ND (0.0002 J)	ND (0.0001 J)	ND (0.00009 J)	ND (0.00007 J)			
	Lithium	N/R	ND (0.0092 J)	ND (0.0097 J)	ND (0.0106 J)	ND (0.0097 J)	ND (0.0099 J)			
	Mercury	0.002	ND	ND	ND	ND (0.00007 J)	ND (0.00004 J)			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	0.706 U	1.02 U	0.482 U	0.723 U	1.50			
	Selenium	0.05	ND (0.0032 J)	ND (0.0028 J)	ND (0.0018 J)	ND (0.0040 J)	ND (0.0036 J)			
Thallium	0.002	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)				

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Substance	MCL/ (SMCL)	Well ID								
		BRGWC-34S	BRGWC-34S	BRGWC-34S	BRGWC-34S	BRGWC-34S	BRGWC-34S	BRGWC-34S	BRGWC-34S	
		9/8/2016	11/17/2016	2/22/2017	6/14/2017	9/27/2017				
APPENDIX III	Boron	N/R	1.89	2.17	2.09	2.45	2.40			
	Calcium	N/R	97.3	97.6	106	98.0	95.8			
	Chloride	(250)	7.2	7.6	7.1	7.3	7.6			
	Fluoride	4	ND (0.17 J)	ND (0.12 J)	ND (0.17 J)	ND (0.10 J)	0.40			
	Sulfate	(250)	420	460	410	410	360			
	TDS	(500)	663	651	706	643	579			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND	ND			
	Barium	2	0.0415	0.0400	0.0415	0.0341	0.0347			
	Beryllium	0.004	ND (0.0001 J)	ND (0.0001 J)	ND (0.0002 J)	ND	ND (0.0001 J)			
	Cadmium	0.005	ND	ND (0.0009 J)	ND (0.0005 J)	ND (0.0004 J)	ND (0.0007 J)			
	Chromium	0.1	ND	ND	ND	ND	ND			
	Cobalt	N/R	ND (0.0029 J)	ND (0.0028 J)	ND (0.0041 J)	ND (0.0036 J)	ND (0.0028 J)			
	Lead	0.015	ND	ND (0.0001 J)	ND (0.0003 J)	ND	ND (0.00009 J)			
	Lithium	N/R	ND	ND	ND	ND	ND			
	Mercury	0.002	ND	ND	ND	ND (0.00007 J)	ND (0.00004 J)			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	2.03	0.613 U	1.01 U	0.801 U	1.44			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

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Substance	MCL/ (SMCL)	Well ID								
		BRGWC-35S	BRGWC-35S	BRGWC-35S	BRGWC-35S	BRGWC-35S	BRGWC-35S	BRGWC-35S	BRGWC-35S	
		9/7/2016	11/17/2016	2/22/2017	6/15/2017	9/28/2017				
APPENDIX III	Boron	N/R	1.06	0.967	1.35	1.49	1.27			
	Calcium	N/R	54.1	62.6	64.6	61.3	60.8			
	Chloride	(250)	5.8	6.0	5.6	5.8	6.2			
	Fluoride	4	0.34	ND (0.24 J)	ND (0.09 J)	ND (0.03 J)	ND			
	Sulfate	(250)	260	280	270	280	240			
	TDS	(500)	486	453	541	548	487			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND	ND	ND (0.0006 J)	ND			
	Barium	2	0.101	0.0808	0.0701	0.0518	0.0470			
	Beryllium	0.004	ND (0.00009 J)	ND (0.0001 J)	ND (0.0001 J)	ND (0.0001 J)	ND (0.0001 J)			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND (0.0019 J)	ND (0.0024 J)	ND (0.0040 J)	ND (0.0033 J)	ND (0.0052 J)			
	Cobalt	N/R	ND (0.0023 J)	ND (0.0012 J)	ND (0.0008 J)	ND (0.0004 J)	ND (0.0003 J)			
	Lead	0.015	ND (0.0001 J)	ND (0.0002 J)	ND (0.0001 J)	ND	ND			
	Lithium	N/R	ND (0.0021 J)	ND (0.0022 J)	ND (0.0023 J)	ND (0.0023 J)	ND (0.0021 J)			
	Mercury	0.002	ND	ND	ND	ND (0.00007 J)	ND			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	1.13	0.729 U	0.293 U	1.09	1.02 U			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

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Substance	MCL/ (SMCL)	Well ID								
		BRGWC-36S	BRGWC-36S	BRGWC-36S	BRGWC-36S	BRGWC-36S	BRGWC-36S	BRGWC-36S	BRGWC-36S	
		9/7/2016	11/18/2016	2/23/2017	6/15/2017	9/28/2017				
APPENDIX III	Boron	N/R	0.725	0.831	0.949	0.961	0.948			
	Calcium	N/R	50.6	53.9	51.0	53.8	51.8			
	Chloride	(250)	3.1	3.4	3.2	4.0	4.6			
	Fluoride	4	ND (0.18 J)	ND (0.04 J)	ND (0.07 J)	ND (0.01 J)	ND			
	Sulfate	(250)	300	170	330	310	290			
	TDS	(500)	528	524	517	566	475			
APPENDIX IV	Antimony	0.006	ND	ND (0.0016 J)	ND	ND (0.0006 J)	ND			
	Arsenic	0.01	ND	ND	ND	ND (0.0007 J)	ND			
	Barium	2	0.0674	0.0546	0.0489	0.0415	0.0397			
	Beryllium	0.004	ND	ND (0.0001 J)	ND (0.0001 J)	ND (0.00009 J)	ND (0.0001 J)			
	Cadmium	0.005	ND (0.00008 J)	ND	ND (0.0001 J)	ND	ND			
	Chromium	0.1	ND (0.0073 J)	ND (0.008 J)	ND (0.0086 J)	ND (0.0082 J)	ND (0.0083 J)			
	Cobalt	N/R	ND	ND	ND	ND	ND			
	Lead	0.015	ND	ND	ND	ND	ND			
	Lithium	N/R	ND (0.0024 J)	ND (0.0026 J)	ND (0.0026 J)	ND (0.0026 J)	ND (0.0025 J)			
	Mercury	0.002	ND	ND	ND	ND (0.00007 J)	ND			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	0.998 U	1.22 U	0.554 U	0.770 U	1.07 U			
	Selenium	0.05	ND (0.0079 J)	ND (0.0082 J)	ND (0.0061 J)	ND (0.0046 J)	ND (0.0042 J)			
Thallium	0.002	ND	ND	ND	ND	ND				

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Substance	MCL/ (SMCL)	Well ID								
		BRGWC-37S	BRGWC-37S	BRGWC-37S	BRGWC-37S	BRGWC-37S	BRGWC-37S	BRGWC-37S	BRGWC-37S	
		2/23/2017	4/17/2017	5/15/2017	6/15/2017	9/28/2017				
APPENDIX III	Boron	N/R	ND	ND	ND	ND	ND			
	Calcium	N/R	3.26	3.23	2.97	3.15	3.26			
	Chloride	(250)	2.1	1.8	1.8	1.9	1.9			
	Fluoride	4	ND (0.10 J)	ND (0.08 J)	ND (0.02 J)	ND (0.03 J)	ND			
	Sulfate	(250)	ND (0.55 J)	ND (0.44 J)	ND (0.45 J)	ND (0.46 J)	ND (0.49 J)			
	TDS	(500)	45	53	48	63	39			
APPENDIX IV	Antimony	0.006	ND	ND (0.0004 J)	ND	ND (0.0006 J)	ND			
	Arsenic	0.01	ND	ND	ND	ND	ND			
	Barium	2	0.0229	0.0227	0.0227	0.0218	0.0222			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND (0.0010 J)	ND (0.0018 J)	ND (0.0014 J)	ND (0.0013 J)	ND (0.0014 J)			
	Cobalt	N/R	ND	ND	ND	ND	ND			
	Lead	0.015	ND	ND (0.0001 J)	ND	ND	ND (0.0001 J)			
	Lithium	N/R	ND	ND	ND	ND	ND			
	Mercury	0.002	ND	ND	ND	ND (0.00006 J)	ND			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	0.567 U	0.335 U	0.261 U	0.188 U	0.627 U			
Selenium	0.05	ND	ND	ND	ND	ND				
Thallium	0.002	ND	ND	ND	ND	ND				

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Substance	MCL/ (SMCL)	Well ID								
		BRGWC-38S	BRGWC-38S	BRGWC-38S	BRGWC-38S	BRGWC-38S	BRGWC-38S	BRGWC-38S	BRGWC-38S	
		9/7/2016	11/21/2016	2/23/2017	6/15/2017	9/28/2017				
APPENDIX III	Boron	N/R	1.73	2.02	1.77	1.78	1.45			
	Calcium	N/R	45.9	46.4	43.5	45.3	45.1			
	Chloride	(250)	5.8	5.1	4.1	4.8	6.7			
	Fluoride	4	0.66	0.95	0.75	0.77	0.80			
	Sulfate	(250)	440	510	470	490	470			
	TDS	(500)	750	795	733	812	690			
APPENDIX IV	Antimony	0.006	ND	ND (0.0009 J)	ND	ND (0.0007 J)	ND			
	Arsenic	0.01	ND (0.0026 J)	ND (0.0034 J)	ND (0.0030 J)	ND (0.0050 J)	ND (0.0046 J)			
	Barium	2	0.0440	ND (0.0428 J)	0.0338	0.0239	0.0247			
	Beryllium	0.004	0.0079	0.0092	0.0100	0.0104	0.0098			
	Cadmium	0.005	ND (0.0004 J)	ND (0.0005 J)	ND (0.0007 J)	ND (0.0006 J)	ND (0.0007 J)			
	Chromium	0.1	ND (0.0014 J)	ND (0.003 J)	ND (0.0028 J)	ND (0.0038 J)	ND (0.0037 J)			
	Cobalt	N/R	0.236	0.298	0.277	0.262	0.279			
	Lead	0.015	ND (0.0004 J)	ND (0.0005 J)	ND (0.0005 J)	ND (0.0004 J)	ND (0.0004 J)			
	Lithium	N/R	ND (0.0193 J)	ND (0.0223 J)	ND (0.0229 J)	ND (0.0227 J)	ND (0.0230 J)			
	Mercury	0.002	ND (0.00007 J)	ND (0.00012 J)	ND (0.00007 J)	ND (0.00016 J)	ND (0.00011 J)			
	Molybdenum	N/R	ND	ND	ND	ND	ND			
	Radium	5	3.35	2.94	1.92	3.60	3.30			
	Selenium	0.05	0.0311	0.0409	0.0354	0.0511	0.0484			
Thallium	0.002	ND	ND (0.0004 J)	ND (0.0003 J)	ND (0.0003 J)	ND (0.0003 J)				

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Substance	MCL/ (SMCL)	Well ID								
		BRGWC-24S	BRGWC-24S	BRGWC-24S	BRGWC-24S	BRGWC-24S	BRGWC-24S	BRGWC-24S	BRGWC-24S	
		9/7/2016	2/21/2017	3/13/2017	6/13/2017	9/27/2017				
APPENDIX III	Boron	N/R	ND (0.0179 J)	ND (0.0105 J)	ND (0.0125 J)	ND (0.0105 J)	ND (0.0103 J)			
	Calcium	N/R	18.9	19.0	18.9	19.1	19.1			
	Chloride	(250)	14	14	14	14	14			
	Fluoride	4	ND (0.25 J)	ND (0.09 J)	ND (0.11 J)	ND (0.09 J)	ND			
	Sulfate	(250)	21	16	17	18	12			
	TDS	(500)	235	107	267	220	170			
APPENDIX IV	Antimony	0.006	ND	ND	ND (0.0005 J)	ND (0.0008 J)	ND (0.0008 J)			
	Arsenic	0.01	ND	ND	ND (0.0010 J)	ND (0.0012 J)	ND			
	Barium	2	0.0598	0.0527	0.0533	0.0509	0.0475			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND	ND	ND (0.0005 J)	ND	ND			
	Cobalt	N/R	ND (0.0034 J)	ND (0.0021 J)	ND (0.0024 J)	ND (0.0021 J)	ND (0.0014 J)			
	Lead	0.015	ND	ND	ND	ND	ND			
	Lithium	N/R	ND (0.0036 J)	ND (0.0037 J)	ND (0.0038 J)	ND (0.0038 J)	ND (0.0037 J)			
	Mercury	0.002	ND	ND	ND	ND (0.00004 J)	ND (0.00004 J)			
	Molybdenum	N/R	ND (0.0026 J)	ND	ND (0.0010 J)	ND	ND			
	Radium	5	0.862 U	0.677 U	0.158 U	0.288 U	0.792 U			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND (0.00004 J)	ND	ND				

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9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.

Plant Branch Ash Ponds 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								
		PZ-40S	PZ-40S	PZ-40S	PZ-40S	PZ-40S	PZ-40S	PZ-40S	PZ-40S	
		2/24/2017	3/14/2017	6/14/2017	8/30/2017	9/27/2017				
APPENDIX III	Boron	N/R	ND (0.0163 J)	ND (0.0219 J)	ND (0.0294 J)	ND (0.0299 J)	ND (0.0234 J)			
	Calcium	N/R	16.0	17.5	18.9	19.0	18.2			
	Chloride	(250)	7.9	8.8	9.0	9.2	9.1			
	Fluoride	4	ND (0.13 J)	ND (0.11 J)	ND (0.13 J)	ND (0.14 J)	ND (0.16 J)			
	Sulfate	(250)	9.6	12	16	20	13			
	TDS	(500)	172	261	200	238	187			
APPENDIX IV	Antimony	0.006	ND	ND	ND (0.0009 J)	ND	ND			
	Arsenic	0.01	ND	ND	ND (0.0008 J)	ND (0.0012 J)	ND			
	Barium	2	0.0574	0.0586	0.0568	0.0562	0.0536			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND	ND (0.0005 J)	ND	ND (0.0005 J)	ND			
	Cobalt	N/R	ND (0.0044 J)	ND (0.0055 J)	ND (0.0041 J)	ND (0.0041 J)	ND (0.0010 J)			
	Lead	0.015	ND	ND	ND	ND	ND (0.00008 J)			
	Lithium	N/R	ND (0.0036 J)	ND (0.0029 J)	ND (0.0028 J)	ND (0.0028 J)	ND (0.0030 J)			
	Mercury	0.002	ND	ND	ND (0.00007 J)	ND	ND (0.00004 J)			
	Molybdenum	N/R	ND	ND (0.0007 J)	ND	ND	ND			
	Radium	5	0.636 U	0.314 U	0.194 U	0.892	0.336 U			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

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Substance	MCL/ (SMCL)	Well ID								
		PZ-41S	PZ-41S	PZ-41S	PZ-41S	PZ-41S	PZ-41S	PZ-41S	PZ-41S	
		2/23/2017	3/14/2017	6/14/2017	8/30/2017	9/27/2017				
APPENDIX III	Boron	N/R	0.859	0.695	0.496	0.457	0.428			
	Calcium	N/R	20.3	21.1	23.1	21.5	22.4			
	Chloride	(250)	4.3	5.9	5.7	5.2	5.4			
	Fluoride	4	ND (0.12 J)	ND (0.03 J)	ND (0.09 J)	ND (0.07 J)	ND (0.28 J)			
	Sulfate	(250)	91	110	99	100	100			
	TDS	(500)	241	374	272	316	246			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND (0.0006 J)	ND (0.0017 J)	0.0029 J	ND (0.0022 J)			
	Barium	2	0.0780	0.0937	0.0820	0.0788	0.0748			
	Beryllium	0.004	ND (0.0001 J)	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND	ND (0.0004 J)	ND	ND	ND			
	Cobalt	N/R	ND (0.0051 J)	0.0178	0.0130	0.0099 J	ND (0.0097 J)			
	Lead	0.015	ND	ND	ND	ND	ND			
	Lithium	N/R	ND (0.0029 J)	ND (0.0033 J)	ND (0.0033 J)	ND (0.0033 J)	ND (0.0033 J)			
	Mercury	0.002	ND	ND	ND (0.00007 J)	ND	ND (0.00004 J)			
	Molybdenum	N/R	ND	ND (0.0003 J)	ND	ND	ND			
	Radium	5	1.16 U	0.543 U	0.860 U	1.10	0.520 U			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

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**Plant Branch Ash Ponds
Analytical Data Summary**

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Substance	MCL/ (SMCL)	Well ID								
		PZ-42S	PZ-42S	PZ-42S	PZ-42S	PZ-42S	PZ-42S	PZ-42S	PZ-42S	
		2/23/2017	3/14/2017	6/13/2017	8/31/2017	9/26/2017				
APPENDIX III	Boron	N/R	ND (0.0228 J)	ND (0.0214 J)	ND (0.0201 J)	ND (0.0209 J)	ND (0.0193 J)			
	Calcium	N/R	13.5	13.3	14.7	15.0	15.8			
	Chloride	(250)	5.1	6.4	5.7	5.6	5.4			
	Fluoride	4	ND (0.15 J)	ND (0.29 J)	ND (0.19 J)	ND (0.17 J)	ND (0.21 J)			
	Sulfate	(250)	13	13	13	13	13			
	TDS	(500)	131	265	145	143	119			
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND			
	Arsenic	0.01	ND	ND (0.0007 J)	ND (0.0009 J)	ND (0.0011 J)	ND (0.0012 J)			
	Barium	2	0.0178	0.0140	0.0133	0.0125	0.0114			
	Beryllium	0.004	ND	ND	ND	ND	ND			
	Cadmium	0.005	ND	ND	ND	ND	ND			
	Chromium	0.1	ND (0.0014 J)	ND (0.0004 J)	ND (0.0010 J)	ND (0.0017 J)	ND (0.0011 J)			
	Cobalt	N/R	ND (0.0023 J)	ND (0.0018 J)	ND	ND (0.0003 J)	ND			
	Lead	0.015	ND	ND	ND	ND (0.0001 J)	ND (0.00008 J)			
	Lithium	N/R	ND	ND	ND	ND	ND			
	Mercury	0.002	ND	ND	ND	ND	ND			
	Molybdenum	N/R	ND (0.0023 J)	ND (0.0055 J)	ND (0.0046 J)	ND (0.0029 J)	ND (0.0036 J)			
	Radium	5	0.190 U	0.340 U	0.444 U	1.03	0.478 U			
	Selenium	0.05	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND				

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