Plant Scherer 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							
			SGWA-1	SGWA-1	SGWA-1	SGWA-1	SGWA-1	SGWA-1	SGWA-1	SGWA-1
			5/10/2016	6/26/2016	8/15/2016	10/13/2016	12/6/2016	2/14/2017	4/11/2017	6/26/2017
APPENDIX III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	N/R	3	2.42	2.1	2.7	2.1	1.8	1.8	1.7
	Chloride	(250)	1.9	2.2	2.1	2.0	2.2	2.0	1.8	1.9
	Fluoride	4	ND	ND	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	ND (0.6766 J)	ND (0.94 J)	1.2	2.9	3.2	ND (0.76 J)	ND	ND (0.74 J)
	TDS	(500)	44	38	22	66	54	18	50	60
APPENDIX IV	Antimony	0.006	ND	ND (0.0004 J)	ND (0.0012 J)	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND (0.00065 J)	ND	ND	ND (0.00055 J)	ND	ND (0.00081 J)
	Barium	2	0.0663	0.055	0.048	0.061	0.053	0.046	0.046	0.048
	Beryllium	0.004	ND	ND (0.0002 J)	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND (0.000156 J)	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	0.0184	0.0168	0.016	0.02	0.016	0.011	0.0098	0.01
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND (0.0013 J)	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND	ND	ND (0.00012 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.275 U	0.000 U	0.130 U	0.309 U	0.346 U	0.352 U	0.274 U	0.360
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND (0.00008 J)	ND (0.000095 J)	ND	ND	ND	ND	ND

Notes:

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7. TDS indicates total dissolved solids.
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Substance		MCL/ (SMCL)	WELL ID							
			SGWA-2	SGWA-2	SGWA-2	SGWA-2	SGWA-2	SGWA-2	SGWA-2	SGWA-2
			5/10/2016	6/23/2016	8/16/2016	10/14/2016	12/6/2016	2/14/2017	4/11/2017	6/26/2017
APPENDIX III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	N/R	10.1	8.45	9.4	10	10	11	10	10
	Chloride	(250)	1.51	1.8	1.5	1.4	1.5	1.5	1.3	1.4
	Fluoride	4	ND (0.0537 J)	ND (0.03 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	ND (0.4053 J)	ND (0.55 J)	ND	ND	ND	ND	ND	ND
	TDS	(500)	96	91	100	100	110	76	120	110
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND (0.0005 J)	ND	ND	ND (0.00046 J)	ND	ND (0.00089 J)
	Barium	2	0.0409	0.0342	0.034	0.041	0.042	0.035	0.037	0.037
	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	0.0142	0.0118	0.0099	0.0045	0.0043	0.014	0.014	0.014
	Cobalt	N/R	ND	ND (0.0004 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	ND	ND	ND	ND (0.00011 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.441	0.155 U	0.621	0.765	0.290 U	0.111 U	0.195 U	0.0975
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWA-3	SGWA-3	SGWA-3	SGWA-3	SGWA-3	SGWA-3	SGWA-3	SGWA-3
			5/10/2016	6/24/2016	8/16/2016	10/14/2016	12/6/2016	2/14/2017	4/11/2017	6/26/2017
APPENDIX III	Boron	N/R	ND	ND (0.0109 J)	ND	ND	ND	ND	ND	ND
	Calcium	N/R	6.22	5.55	5	5.4	4.8	4.6	5	4.9
	Chloride	(250)	3.45	3.5	3.4	3.1	3	2.4	2.5	2.6
	Fluoride	4	ND (0.0192 J)	ND (0.02 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	2.82	2.3	1.5	1.2	1.3	1.9	1.3	1.5
	TDS	(500)	59	39	38	34	70	32	64	64
APPENDIX IV	Antimony	0.006	ND	ND (0.0021 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND (0.00063 J)
	Barium	2	0.036	0.0343	0.029	0.034	0.033	0.032	0.033	0.036
	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 (0.00634 J)	ND (0.0053 J)	0.0071	0.0067	0.0063	0.0076	0.0098	0.012
	Cobalt	N/R	ND	ND	ND (0.00051 J)	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 (0.000087 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND (0.0011 J)	ND	ND
	Radium	5	0.188 U	1.2	0.168 U	0.345 U	0.221 U	-0.0260	0.135 U	0.332
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND (0.00029 J)
	Thallium	0.002	ND	ND (0.0001 J)	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWA-4	SGWA-4	SGWA-4	SGWA-4	SGWA-4	SGWA-4	SGWA-4	SGWA-4
			5/11/2016	6/24/2016	8/17/2016	10/17/2016	12/6/2016	2/14/2017	4/11/2017	6/26/2017
APPENDIX III	Boron	N/R	ND	ND (0.0067 J)	ND	ND	ND	ND	ND	ND
	Calcium	N/R	14.4	14.2	15	16	15	17	17	18
	Chloride	(250)	1.93	1.8	1.4	1.2	1.3	1.3	1.2	1.2
	Fluoride	4	ND (0.108 J)	ND (0.08 J)	ND	ND	ND (0.091 J)	ND (0.1 J)	ND	ND
	Sulfate	(250)	3.75	3.0	1.8	1.4	1.4	1.1	1.00	ND (0.99 J)
	TDS	(500)	91	78	100	58	98	78	110	110
APPENDIX IV	Antimony	0.006	ND	ND (0.0007 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND (0.0011 J)	ND (0.00055 J)
	Barium	2	0.0484	0.0471	0.046	0.049	0.047	0.05	0.053	0.058
	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 (0.00217 J)	ND (0.0015 J)	ND (0.0011 J)	0.0032	0.0028	0.0046	0.005	0.0061
	Cobalt	N/R	ND	ND	ND(0.00041 J)	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 (0.00011 J)	ND	ND	ND
	Molybdenum	N/R	ND (0.00278 J)	ND (0.0022 J)	ND (0.0018 J)	ND (0.0014 J)	ND (0.00095 J)	ND	ND (0.0011 J)	ND (0.0016 J)
	Radium	5	0.284 U	0.974	0.202 U	0.114 U	0.251 U	-0.0166 U	-0.168 U	0.184 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND (0.00041 J)
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWA-5	SGWA-5	SGWA-5	SGWA-5	SGWA-5	SGWA-5	SGWA-5	SGWA-5
			5/10/2016	6/23/2016	8/16/2016	10/14/2016	12/6/2016	2/14/2017	4/11/2017	6/26/2017
APPENDIX III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	N/R	2.64	1.65	1.3	1.4	1.4	1.4	1.4	1.5
	Chloride	(250)	1.98	2.1	1.8	1.8	1.8	1.8	1.7	1.7
	Fluoride	4	ND (0.0188 J)	ND	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	ND (0.4716 J)	ND (0.46 J)	ND	ND	ND	ND	ND	ND
	TDS	(500)	64	58	52	58	72	52	78	80
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND (0.00079 J)
	Barium	2	0.0112	0.0101	0.0088	0.01	0.011	0.01	0.01	0.011
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND (0.0011 J)	ND
	Chromium	0.1	ND	ND	ND	ND (0.0012 J)	ND	ND	ND	ND (0.0021 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 (0.000072 J)	ND	ND (0.00012 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.338 U	0.358 U	0.224 U	0.999	0.387 U	0.207 U	0.219 U	0.151 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWA-24	SGWA-24	SGWA-24	SGWA-24	SGWA-24	SGWA-24	SGWA-24	SGWA-24
			5/10/2016	6/23/2016	8/16/2016	10/13/2016	12/5/2016	2/14/2017	4/10/2017	6/26/2017
APPENDIX III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	N/R	12.3	11.3	11	12	12	13	12	13
	Chloride	(250)	1.94	2.2	2	1.9	1.9	1.9	1.8	1.9
	Fluoride	4	ND (0.0648 J)	ND(0.05 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	ND	ND (0.3 J)	ND	ND	ND	ND	ND	ND
	TDS	(500)	110	118	110	120	110	86	120	130
APPENDIX IV	Antimony	0.006	ND	ND (0.0003 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND (0.00057 J)	ND	ND (0.0009 J)
	Barium	2	0.0214	0.0204	0.018	0.022	0.023	0.021	0.021	0.022
	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 (0.00393 J)	ND (0.0027 J)	0.0038	0.0031	0.0027	0.0037	0.0037	0.0047
	Cobalt	N/R	ND	ND (0.0004 J)	ND	ND (0.0004 J)	ND	ND	ND	ND
	Lead	0.015	ND	ND (0.0001 J)	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 (0.00012 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.310 U	0.455 U	0.162 U	0.327 U	0.233 U	0.237 U	0.000560 U	-0.257 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWA-25	SGWA-25	SGWA-25	SGWA-25	SGWA-25	SGWA-25	SGWA-25	SGWA-25
			5/10/2016	6/27/2016	8/17/2016	10/14/2016	12/6/2016	2/14/2017	4/11/2017	6/27/2017
APPENDIX III	Boron	N/R	ND	ND (0.0052 J)	ND	ND	ND	ND	ND	ND
	Calcium	N/R	11.4	9.16	9.6	11	11	12	11	9.5
	Chloride	(250)	2.77	2.9	2.4	2.1	1.7	1.5	1.7	2.2
	Fluoride	4	ND (0.041 J)	ND (0.03 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	ND (0.686 J)	ND (0.61 J)	ND	ND	ND	ND	ND	ND
	TDS	(500)	100	117	86	80	110	98	110	18
APPENDIX IV	Antimony	0.006	ND	ND (0.0003 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND (0.0012 J)	ND (0.00073 J)	ND (0.00075 J)	0.0015	ND (0.00072 J)	ND (0.00095 J)
	Barium	2	0.0253	0.0253	0.021	0.023	0.02	0.018	0.021	0.024
	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	0.0132	ND (0.0099 J)	0.01	0.013	0.016	0.018	0.015	0.0088
	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 (0.00011 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	-0.0130 U	0.667 U	0.148 U	0.448 U	0.510	0.302 U	-0.0184 U	-0.0536 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

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Plant Scherer Ash Pond
Analytical Data Summary

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-6	SGWC-6	SGWC-6	SGWC-6	SGWC-6	SGWC-6	SGWC-6	SGWC-6
			5/11/2016	6/27/2016	8/17/2016	10/17/2016	12/6/2016	2/14/2017	4/12/2017	6/27/2017
APPENDIX III	Boron	N/R	ND	ND(0.0051 J)	ND	ND	ND	ND	ND	ND
	Calcium	N/R	8.7	7.48	8	8.6	8.2	7.2	6.7	6.2
	Chloride	(250)	2.44	2.5	2.4	2.3	2.3	1.9	1.6	1.6
	Fluoride	4	ND (0.133 J)	ND (0.21 J)	ND (0.14 J)	ND (0.11 J)	ND (0.14 J)	0.2	ND (0.089 J)	ND (0.085 J)
	Sulfate	(250)	ND (0.866 J)	ND (0.86 J)	ND	ND	ND	1	ND	ND
	TDS	(500)	104	112	86	60	90	54	64	40
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 (0.00046 J)	ND
	Barium	2	0.0933	0.101	0.094	0.11	0.11	0.056	0.048	0.058
	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 (0.002 J)	ND (0.0018 J)	ND (0.0016 J)	ND (0.0012 J)	ND (0.0022 J)	ND (0.0023 J)	0.0045
	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 (0.00011 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND (0.0007 J)	ND	ND	ND	ND	ND	ND (0.00099 J)
	Radium	5	0.0394 U	0.624 U	0.572	0.307 U	0.122 U	0.166 U	0.355 U	0.0783
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND (0.00034 J)	ND (0.00057 J)
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Plant Scherer Ash Pond
Analytical Data Summary

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-7	SGWC-7	SGWC-7	SGWC-7	SGWC-7	SGWC-7	SGWC-7	SGWC-7
			5/11/2016	6/27/2016	8/17/2016	10/18/2016	12/6/2016	2/14/2017	4/12/2017	6/27/2017
APPENDIX III	Boron	N/R	ND(0.0359 J)	ND (0.0354 J)	ND (0.039 J)	ND (0.039 J)	ND (0.03 J)	ND (0.031 J)	ND (0.039 J)	ND (0.028 J)
	Calcium	N/R	27.2	27.9	23	24	23	24	25	23
	Chloride	(250)	9.65	6.7	6.4	5.9	5.9	5.8	5.6	5.7
	Fluoride	4	ND (0.245 J)	ND(0.23 J)	0.22	0.24	0.26	ND (0.17 J)	0.2	0.23
	Sulfate	(250)	21.6	17	19	17	18	21	18	19
	TDS	(500)	222	275	220	210	250	210	200	180
APPENDIX IV	Antimony	0.006	ND	ND (0.0004 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND (0.0009 J)	ND (0.0006 J)	ND	ND	ND (0.00059 J)	ND (0.00058 J)	ND
	Barium	2	0.295	0.353	0.29	0.29	0.31	0.3	0.3	0.36
	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	0.0116	0.0143	0.012	0.0099	0.011	0.0093	0.0062	0.021
	Lead	0.015	ND	ND	ND (0.00085 J)	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND (0.0031 J)	ND (0.0046 J)	ND (0.0036 J)	ND (0.0043 J)	ND (0.0043 J)	0.0051	ND (0.0033 J)
	Mercury	0.002	ND	ND	ND	ND	ND (0.00011 J)	ND	ND	ND
	Molybdenum	N/R	ND (0.00343 J)	ND (0.0033 J)	ND(0.002 J)	ND(0.0012 J)	ND (0.0021 J)	ND	ND (0.0033 J)	ND (0.0021 J)
	Radium	5	0.214 U	0.581 U	0.665	0.453	0.368 U	0.328 U	0.206 U	0.598
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Plant Scherer Ash Pond
Analytical Data Summary

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-8	SGWC-8	SGWC-8	SGWC-8	SGWC-8	SGWC-8	SGWC-8	SGWC-8
			5/11/2016	6/27/2016	8/17/2016	10/17/2016	12/6/2016	2/14/2017	4/12/2017	6/27/2017
APPENDIX III	Boron	N/R	ND (0.0678 J)	ND (0.0767 J)	0.067	0.059	0.054	0.063	0.068	0.067
	Calcium	N/R	47.6	47	45	47	45	49	50	50
	Chloride	(250)	12.6	13	14	12	12	12	11	12
	Fluoride	4	0.362	0.45	0.54	0.51	0.58	0.39	0.41	0.47
	Sulfate	(250)	61.6	64	63	64	72	73	64	77
	TDS	(500)	330	423	410	370	420	370	370	380
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND (0.0005 J)	ND	ND (0.00076 J)
	Barium	2	0.251	0.205	0.16	0.17	0.16	0.18	0.18	0.18
	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 (0.0011 J)	ND
	Cobalt	N/R	ND (0.00265 J)	ND (0.0012 J)	ND (0.00049 J)	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND (0.0013 J)	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND	ND	ND (0.000076 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND (0.0008 J)	ND	ND	ND	ND	ND	ND
	Radium	5	2.05	2.90	2.57	2.08	2.25	1.77	2.72	2.07
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-9	SGWC-9	SGWC-9	SGWC-9	SGWC-9	SGWC-9	SGWC-9	SGWC-9
			5/11/2016	6/29/2016	8/22/2016	10/18/2016	12/7/2016	2/16/2017	4/13/2017	6/27/2017
APPENDIX III	Boron	N/R	1.54	1.52	1.6	2.4	1.6	1.6	1.7	1.8
	Calcium	N/R	53.1	52.6	57	53	47	55	56	53
	Chloride	(250)	9.29	9	9.7	9.4	11	9.5	8.7	9.9
	Fluoride	4	ND (0.076 J)	ND (0.13 J)	ND	ND	ND	ND (0.097 J)	ND	ND
	Sulfate	(250)	313	280	300	280	280	300	280	340
	TDS	(500)	527	562	500	490	510	520	590	550
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND (0.0009 J)	ND	ND (0.00074 J)	ND (0.00079 J)	ND (0.00056 J)	ND (0.00079 J)	ND (0.0011 J)
	Barium	2	0.0494	0.0535	0.049	0.049	0.048	0.056	0.063	0.067
	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	0.0156	0.0147	0.017	0.017	0.014	0.014	0.014	0.013
	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 (0.0001 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND (0.0021 J)	ND (0.00099 J)	ND (0.0014 J)	ND (0.001 J)	ND	ND (0.001 J)	ND
	Radium	5	0.134 U	0.665 U	0.391 U	0.521	0.367 U	0.0760 U	0.239 U	0.268 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-10	SGWC-10	SGWC-10	SGWC-10	SGWC-10	SGWC-10	SGWC-10	SGWC-10
			5/11/2016	6/28/2016	8/17/2016	10/17/2016	12/6/2016	2/5/2017	4/12/2017	6/27/2017
APPENDIX III	Boron	N/R	ND (0.0275 J)	ND (0.035 J)	ND (0.028 J)	ND (0.032 J)	ND	ND (0.035 J)	0.052	ND
	Calcium	N/R	4.14	3.13	4.1	4.2	4.3	1.5	2.2	3.1
	Chloride	(250)	9.53	9.1	9.4	8.9	8.9	9	8.5	9.1
	Fluoride	4	ND (0.019 J)	ND	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	7.43	6.3	11	4.4	11	1.3	2.8	8.2
	TDS	(500)	68	41	70	6	40	18	18	50
APPENDIX IV	Antimony	0.006	ND	ND (0.0014 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND (0.0005 J)	ND	ND (0.00074 J)
	Barium	2	0.0294	0.0293	0.029	0.027	0.03	0.025	0.028	0.034
	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	0.0191	0.0192	0.022	0.05	0.04	0.038	0.018	0.014
	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 (0.00013 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.260 U	1.57	0.548 U	-0.0725 U	0.496	0.321 U	-0.0397 U	0.470
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND (0.0001 J)	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-11	SGWC-11	SGWC-11	SGWC-11	SGWC-11	SGWC-11	SGWC-11	SGWC-11
			5/11/2016	6/28/2016	8/17/2016	10/17/2016	12/6/2016	2/15/2017	4/12/2017	6/27/2017
APPENDIX III	Boron	N/R	0.242	0.245	0.26	0.25	0.27	0.28	0.29	0.29
	Calcium	N/R	2.91	2.19	1.9	2	1.9	1.9	1.9	1.9
	Chloride	(250)	8.87	8.3	8.6	7.9	7.9	7.2	7.5	7.8
	Fluoride	4	ND (0.033 J)	ND (0.08 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	6.31	3.7	2.4	2.1	1.9	1.2	1.0	1.2
	TDS	(500)	80	134	42	24	70	34	36	8
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND (0.00103 J)	ND (0.0011 J)	ND (0.0011 J)	ND (0.0011 J)	ND (0.00072 J)	ND (0.0011 J)	ND (0.00076 J)	ND (0.0011 J)
	Barium	2	0.038	0.0363	0.033	0.035	0.035	0.036	0.038	0.042
	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	0.0378	0.0332	0.03	0.032	0.029	0.029	0.028	0.029
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND (0.0013 J)	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND	ND	ND (0.0001 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.182 U	0.858	0.367 U	0.551	0.438	-0.0831 U	0.343 U	0.369
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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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.

Plant Scherer 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							
			SGWC-12	SGWC-12	SGWC-12	SGWC-12	SGWC-12	SGWC-12	SGWC-12	SGWC-12
			5/11/2016	6/28/2016	8/18/2016	10/17/2016	12/6/2016	2/15/2017	4/12/2017	6/27/2017
APPENDIX III	Boron	N/R	ND	ND (0.0054 J)	ND	ND	ND	ND	ND	ND
	Calcium	N/R	23.1	21	20	21	21	23	23	22
	Chloride	(250)	9.04	8.8	9.3	8.3	8.9	8.7	8.6	9.3
	Fluoride	4	ND (0.11 J)	ND (0.18 J)	ND (0.12 J)	ND (0.082 J)	ND (0.11 J)	ND (0.13 J)	ND (0.088 J)	ND (0.1 J)
	Sulfate	(250)	30.1	25	24	23	28	33	30	33
	TDS	(500)	195	200	200	160	220	200	180	200
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND (0.001 J)	ND (0.00091 J)	ND	ND	ND (0.00076 J)	ND (0.00046 J)	ND (0.0011 J)
	Barium	2	0.0324	0.0321	0.03	0.032	0.032	0.036	0.037	0.042
	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 (0.0023 J)	ND	ND	ND	ND
	Cobalt	N/R	ND (0.00648 J)	ND (0.0051 J)	0.0035	0.0030	0.0036	0.0040	0.0039	0.0042
	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 (0.000093 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND (0.0012 J)	ND (0.0011 J)	ND	ND	ND	ND	ND
	Radium	5	0.433	0.435 U	0.214 U	0.316 U	0.0575 U	-0.0321 U	0..00949	0.183 U
	Selenium	0.05	ND	ND	ND (0.00031 J)	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

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7. TDS indicates total dissolved solids.
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Plant Scherer Ash Pond
Analytical Data Summary

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-13	SGWC-13	SGWC-13	SGWC-13	SGWC-13	SGWC-13	SGWC-13	SGWC-13
			5/12/2016	6/28/2016	8/18/2016	10/17/2016	12/6/2016	2/15/2017	4/12/2017	6/27/2017
APPENDIX III	Boron	N/R	0.599	0.52	0.51	0.58	0.5	0.5	0.47	0.51
	Calcium	N/R	16.6	14.4	15	15	14	17	16	15
	Chloride	(250)	6.29	5.4	5.8	5.4	5.6	5.4	5.6	5.9
	Fluoride	4	ND (0.042 J)	ND (0.15 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	89.7	76	78	73	76	73	70	78
	TDS	(500)	190	198	180	140	110	160	140	170
APPENDIX IV	Antimony	0.006	ND	ND (0.0004 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND (0.00047 J)	ND (0.00088 J)
	Barium	2	0.0198	0.0208	0.022	0.024	0.025	0.026	0.029	0.031
	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	0.0145	0.011	0.0099	0.01	0.0079	0.0073	0.0078	0.0068
	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 (0.00011 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.0531 U	0.483 U	0.286 U	0.472	0.903	-0.223 U	0.210 U	0.0574 U
	Selenium	0.05	ND	ND	ND	ND (0.0003 J)	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Analytical Data Summary

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-14	SGWC-14	SGWC-14	SGWC-14	SGWC-14	SGWC-14	SGWC-14	SGWC-14
			5/12/2016	6/28/2016	8/18/2016	10/17/2016	12/7/2016	2/15/2017	4/12/2017	6/27/2017
APPENDIX III	Boron	N/R	1.38	1.29	1.3	1.6	1.5	1.5	1.4	1.6
	Calcium	N/R	37.7	35.8	37	37	38	45	39	38
	Chloride	(250)	11.1	10	11	11	11	11	10	11
	Fluoride	4	ND (0.031 J)	ND (0.03 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	194	200	180	190	200	190	170	200
	TDS	(500)	309	333	320	320	340	340	300	320
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND (0.00057 J)	ND (0.00058 J)
	Barium	2	0.067	0.0668	0.06	0.06	0.063	0.061	0.062	0.06
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND (0.000136 J)	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND (0.0008 J)	ND	ND (0.0012 J)	ND (0.0012 J)	ND	ND	ND
	Cobalt	N/R	ND (0.00605 J)	0.0115	0.011	0.017	0.0043	0.0059	0.017	0.013
	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 (0.000085)	ND (0.00012 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND (0.003 J)	ND	ND
	Radium	5	0.106 U	0.735 U	0.212 U	-0.187 U	0.701	0.155 U	0.233 U	0.302
	Selenium	0.05	ND	ND	ND	ND	ND	ND (0.00066 J)	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Plant Scherer Ash Pond
Analytical Data Summary

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-15	SGWC-15	SGWC-15	SGWC-15	SGWC-15	SGWC-15	SGWC-15	SGWC-15
			5/12/2016	6/28/2016	8/18/2016	10/18/2016	12/7/2016	2/15/2017	4/12/2017	6/27/2017
APPENDIX III	Boron	N/R	1.57	1.36	1.5	1.9	1.5	1.5	1.7	1.7
	Calcium	N/R	14.5	14.7	15	16	15	17	14	16
	Chloride	(250)	9.47	9.8	10	9.4	9.8	9.8	9.2	9.5
	Fluoride	4	ND (0.1071 J)	ND (0.26 J)	ND (0.14 J)	ND (0.12 J)	ND (0.13 J)	ND (0.12 J)	ND (0.11 J)	ND (0.13 J)
	Sulfate	(250)	194	200	190	190	200	190	170	200
	TDS	(500)	298	337	310	320	270	310	280	290
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND (0.0026 J)	0.0015	0.0019	ND (0.00079 J)	ND (0.00073 J)	ND (0.0009 J)	ND (0.0011 J)
	Barium	2	0.041	0.0435	0.043	0.041	0.042	0.038	0.038	0.041
	Beryllium	0.004	ND	ND (0.0003 J)	ND (0.00037 J)	ND	ND	ND (0.00037 J)	ND (0.00035 J)	ND (0.0004 J)
	Cadmium	0.005	ND (0.000265 J)	ND (0.0003 J)	ND	ND	ND	ND (0.00044 J)	ND	ND
	Chromium	0.1	0.0335	0.0339	0.034	0.033	0.032	0.030	0.035	0.035
	Cobalt	N/R	0.267	0.255	0.26	0.28	0.26	0.24	0.28	0.29
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND (0.0024 J)	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND (0.00011 J)	ND (0.00012 J)	ND (0.00017 J)	ND (0.00011 J)	ND (0.000072 J)	ND (0.000084 J)
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.344 U	0.256 U	0.503 U	0.171 U	0.375 U	0.0801 U	0.197 U	0.0274 U
	Selenium	0.05	ND (0.00965 J)	0.0101	0.0014	0.0013	ND (0.0007 J)	ND (0.00075 J)	ND	0.0013
	Thallium	0.002	ND	ND (0.00009 J)	ND	ND	ND	ND (0.000085 J)	ND (0.000095 J)	ND (0.0001 J)

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Plant Scherer Ash Pond
Analytical Data Summary

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-16	SGWC-16	SGWC-16	SGWC-16	SGWC-16	SGWC-16	SGWC-16	SGWC-16
			5/12/2016	6/28/2016	8/18/2016	10/18/2016	12/7/2016	2/16/2017	4/13/2017	6/27/2017
APPENDIX III	Boron	N/R	0.562	0.546	0.54	0.55	0.56	0.58	0.56	0.56
	Calcium	N/R	0.75	0.768	0.7	0.75	0.73	0.81	0.88	0.76
	Chloride	(250)	8.56	7.8	8.5	8	8	7.7	7.5	8
	Fluoride	4	ND (0.011 J)	ND (0.09 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	9.9	11	14	15	17	17	15	19
	TDS	(500)	46	60	48	60	64	40	76	50
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND (0.00055 J)
	Barium	2	0.0163	0.0165	0.017	0.017	0.017	0.017	0.019	0.02
	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 (0.00943 J)	ND (0.0093 J)	0.0085	0.0088	0.0079	0.0097	0.0098	0.0096
	Cobalt	N/R	ND (0.00303 J)	ND (0.0029 J)	0.0029	0.0034	0.003	0.0033	0.0034	0.0037
	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 (0.000076 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.0196 U	0.418 U	0.199 U	0.0404 U	0.426	0.163 U	0.0522 U	0.222 U
	Selenium	0.05	ND	ND	ND (0.00053 J)	ND	ND	ND	ND	ND (0.001 J)
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-17	SGWC-17	SGWC-17	SGWC-17	SGWC-17	SGWC-17	SGWC-17	SGWC-17
			5/12/2016	6/29/2016	8/18/2016	10/19/2016	12/7/2016	2/15/2017	4/13/2017	6/27/2017
APPENDIX III	Boron	N/R	0.195	0.198	0.24	0.37	0.4	0.38	0.34	0.33
	Calcium	N/R	34.8	33.1	35	39	39	44	45	42
	Chloride	(250)	9.11	8.3	8.8	8.3	8.4	8.1	7.9	8.3
	Fluoride	4	ND (0.066 J)	ND (0.17 J)	ND	ND	ND	ND (0.089 J)	ND	ND
	Sulfate	(250)	125	120	130	140	160	160	140	160
	TDS	(500)	261	323	310	320	370	350	390	350
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND (0.00099 J)	ND	ND (0.00059 J)	ND (0.00066 J)	ND (0.00075 J)
	Barium	2	0.0157	0.0161	0.016	0.019	0.018	0.02	0.019	0.019
	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 (0.0077 J)	ND (0.0036 J)	0.0027	ND (0.0019 J)	0.0027	0.0044	0.0047	0.0029
	Cobalt	N/R	ND	ND (0.0007 J)	ND (0.00078 J)	ND (0.00094 J)	ND (0.00056 J)	ND (0.00069 J)	ND (0.00049 J)	ND (0.00041 J)
	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 (0.00011 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.134 U	0.391 U	0.498 U	0.639	0.239 U	0.175 U	-0.00846	0.186 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND (0.00024 J)
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Plant Scherer 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							
			SGWC-18	SGWC-18	SGWC-18	SGWC-18	SGWC-18	SGWC-18	SGWC-18	SGWC-18
			5/13/2016	6/30/2016	8/22/2016	10/19/2016	12/7/2016	2/16/2017	4/13/2017	6/28/2017
APPENDIX III	Boron	N/R	3.71	3.8	3.3	4.5	4.8	3.9	3.8	3.6
	Calcium	N/R	56.9	46.4	48	51	50	51	35	36
	Chloride	(250)	4.87	4.7	5	5.1	5.6	7.4	8.9	10
	Fluoride	4	ND (0.0343 J)	ND (0.18 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	484	490	500	520	510	450	380	390
	TDS	(500)	728	742	670	700	720	600	640	540
APPENDIX IV	Antimony	0.006	ND	ND (0.0012 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND (0.00161 J)	ND (0.004 J)	ND (0.0012 J)	0.0019	ND (0.0012 J)	ND (0.00086 J)	ND (0.00058 J)	ND (0.0011 J)
	Barium	2	0.0138	0.0145	0.014	0.016	0.015	0.013	0.012	0.012
	Beryllium	0.004	ND	ND (0.0003 J)	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND (0.00016 J)	ND (0.0002 J)	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND (0.00771 J)	ND (0.007 J)	0.0070	0.0064	0.0063	0.0070	0.0061	0.0059
	Cobalt	N/R	0.116	0.112	0.13	0.14	0.11	0.11	0.094	0.085
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND (0.0032 J)	ND	ND(0.0042 J)	ND	ND (0.0034 J)	ND	ND
	Mercury	0.002	ND	ND	ND (0.00014 J)	ND	ND (0.00014 J)	ND (0.000084 J)	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.103 U	0.593 U	0.170 U	0.433	0.435 U	0.101 U	-0.00140 U	0.512
	Selenium	0.05	0.023	0.0263	0.0066	0.0057	0.006	0.0055	0.0049	0.0047
	Thallium	0.002	ND	ND (0.0002 J)	ND (0.00015 J)	ND (0.00012 J)	ND (0.000095 J)	ND (0.00013 J)	ND (0.00012 J)	ND (0.00013 J)

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-19	SGWC-19	SGWC-19	SGWC-19	SGWC-19	SGWC-19	SGWC-19	SGWC-19
			5/13/2016	6/29/2016	8/22/2016	10/18/2016	12/8/2016	2/16/2017	4/13/2017	6/28/2017
APPENDIX III	Boron	N/R	1.87	1.67	1.7	2.1	1.7	2.3	1.9	1.9
	Calcium	N/R	35.3	34.6	38	36	36	41	39	36
	Chloride	(250)	8.16	7.6	8.2	7.7	7.8	7.4	7.5	7.9
	Fluoride	4	ND (0.0126 J)	ND (0.18 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	212	220	220	210	220	210	190	220
	TDS	(500)	366	370	350	340	350	340	350	340
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND (0.00068 J)
	Barium	2	0.0507	0.0485	0.044	0.042	0.045	0.040	0.037	0.040
	Beryllium	0.004	ND	ND (0.0002 J)	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND (0.00036 J)	ND	ND
	Chromium	0.1	0.0151	0.0141	0.015	0.013	0.013	0.015	0.016	0.016
	Cobalt	N/R	ND	ND (0.0006 J)	ND (0.00066 J)	ND (0.00095 J)	ND (0.00078 J)	ND (0.00049 J)	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	-0.115 U	0.396 U	-0.102 U	0.352 U	0.431 U	0.146 U	0.127 U	0.110 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND (0.00096 J)
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-20	SGWC-20	SGWC-20	SGWC-20	SGWC-20	SGWC-20	SGWC-20	SGWC-20
			5/12/2016	6/29/2016	8/22/2016	10/18/2016	12/8/2016	2/16/2017	4/13/2017	6/28/2017
APPENDIX III	Boron	N/R	1.99	1.88	2	2.5	1.9	2.3	2.0	2.3
	Calcium	N/R	13.2	15.8	15	14	11	14	17	15
	Chloride	(250)	10.8	11	11	10	9.7	9.8	10	12
	Fluoride	4	ND (0.259 J)	0.45	0.33	0.26	0.28	0.28	0.20	0.22
	Sulfate	(250)	255	270	270	240	240	230	220	240
	TDS	(500)	386	436	290	200	370	350	380	320
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND (0.0018 J)	ND (0.001 J)	ND (0.00085 J)	ND	ND	ND	ND (0.00094 J)
	Barium	2	0.0436	0.0466	0.038	0.039	0.038	0.034	0.028	0.030
	Beryllium	0.004	ND (0.000742 J)	ND (0.0007 J)	ND (0.00074 J)	ND (0.00075 J)	ND (0.00093 J)	ND (0.00091 J)	ND (0.00065 J)	ND (0.00073 J)
	Cadmium	0.005	ND (0.000108 J)	ND (0.0001 J)	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND (0.0009 J)	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	0.261	0.23	0.25	0.26	0.26	0.23	0.19	0.19
	Lead	0.015	ND	ND (0.0005 J)	ND	ND	ND	ND (0.00035 J)	ND	ND (0.00041 J)
	Lithium	N/R	ND	ND (0.0043 J)	0.0051	ND (0.0038 J)	ND (0.0043 J)	ND (0.0047 J)	ND(0.004 J)	ND (0.0032 J)
	Mercury	0.002	ND	ND	N D(0.000073 J)	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.556	0.162 U	0.433 U	0.741	1.06	0.382 U	0.189 U	0.840
	Selenium	0.05	ND (0.00396 J)	ND (0.0053 J)	ND (0.0012 J)	ND	ND	ND	ND	ND (0.00064 J)
	Thallium	0.002	ND	ND (0.0002 J)	ND (0.00018 J)	ND (0.00016 J)	ND (0.0001 J)	ND (0.00014 J)	ND (0.00021 J)	ND (0.00018 J)

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-21	SGWC-21	SGWC-21	SGWC-21	SGWC-21	SGWC-21	SGWC-21	SGWC-21
			5/12/2016	6/29/2016	8/22/2016	10/18/2016	12/7/2016	2/16/2017	4/13/2017	6/28/2017
APPENDIX III	Boron	N/R	1.4	1.25	1.3	1.7	1.3	1.4	1.4	1.4
	Calcium	N/R	28.7	27.9	30	30	29	31	32	29
	Chloride	(250)	7.93	7.7	7.9	7.1	7.7	7.4	7.4	8.1
	Fluoride	4	ND (0.079 J)	ND (0.15 J)	ND (0.083 J)	ND	ND	ND (0.12 J)	ND	ND (0.1 J)
	Sulfate	(250)	76.9	78	78	70	80	77	70	82
	TDS	(500)	260	311	390	300	310	310	300	290
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND (0.00076 J)
	Barium	2	0.0914	0.0933	0.086	0.093	0.096	0.091	0.088	0.094
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND (0.00039 J)	ND	ND
	Chromium	0.1	ND	ND (0.0012 J)	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND (0.00009 J)	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 (0.0001 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.216 U	0.253 U	0.115 U	0.593	0.897	0.132 U	0.287 U	0.143 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-22	SGWC-22	SGWC-22	SGWC-22	SGWC-22	SGWC-22	SGWC-22	SGWC-22
			5/12/2016	6/29/2016	8/19/2016	10/18/2016	12/7/2016	2/16/2017	4/13/2017	6/28/2017
APPENDIX III	Boron	N/R	0.411	0.373	0.37	0.41	0.36	0.38	0.40	0.35
	Calcium	N/R	21.9	21.8	22	23	23	27	27	25
	Chloride	(250)	10.6	9.7	11	10	10	9.8	9.6	10
	Fluoride	4	ND (0.029 J)	ND (0.04 J)	ND	ND	ND	ND (0.1 J)	ND	ND
	Sulfate	(250)	85.3	84	81	83	85	83	79	90
	TDS	(500)	212	214	230	190	230	200	220	190
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND (0.0006 J)	ND (0.00089 J)
	Barium	2	0.100	0.0991	0.096	0.096	0.090	0.091	0.091	0.100
	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 (0.0007 J)	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND (0.00619 J)	ND (0.0051 J)	0.0045	0.0043	0.0034	0.0031	0.0031	0.0029
	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 (0.000099 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.285 U	1.1	0.367 U	0.276 U	0.318 U	0.168 U	0.300 U	0.0844 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	WELL ID							
			SGWC-23	SGWC-23	SGWC-23	SGWC-23	SGWC-23	SGWC-23	SGWC-23	SGWC-23
			5/12/2016	6/29/2016	8/19/2016	10/18/2016	12/7/2016	2/15/2017	4/13/2017	6/28/2017
APPENDIX III	Boron	N/R	0.691	0.557	0.58	0.68	0.6	0.82	0.54	0.59
	Calcium	N/R	27.6	25.6	29	32	30	32	31	27
	Chloride	(250)	9.63	8.8	9.6	9.6	9.7	10	9.0	9.6
	Fluoride	4	ND (0.0341 J)	ND (0.04 J)	ND	ND	ND	ND (0.092 J)	ND	ND
	Sulfate	(250)	131	120	120	130	140	120	100	120
	TDS	(500)	288	272	290	270	300	260	300	250
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND (0.00061 J)	ND (0.00079 J)
	Barium	2	0.0959	0.0957	0.093	0.093	0.090	0.090	0.081	0.085
	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 (0.0013 J)	ND	ND	ND	ND	ND (0.0014 J)	0.0025
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND (0.00009 J)	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND (0.0027 J)	ND	ND (0.0032 J)	ND (0.0043 J)	ND	ND (0.0036 J)	ND (0.0032 J)
	Mercury	0.002	ND	ND	ND (0.000071 J)	ND	ND (0.00011 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	0.801	0.423 U	0.869	0.881	0.455	0.635	0.413	0.331 U
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND (0.00033 J)
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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