

**Plant McDonough 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								
		DGWC-2	DGWC-2	DGWC-2	DGWC-2	DGWC-2	DGWC-2	DGWC-2	DGWC-2	
		3/30/2017	5/11/2017	6/15/2017	7/11/2017	10/24/2017	2/27/2018			
APPENDIX III	Boron	N/R	1.56	1.65	1.44	1.39	1.18	1.12		
	Calcium	N/R	103	102	96.2	98.4	86.0	66.7		
	Chloride	(250)	4.8	4.4	4.8	4.6	4.4	4.1		
	Fluoride	4	ND (0.06 J)	ND (0.06 J)	ND (0.07 J)	ND (0.04 J)	0.43	0.28		
	Sulfate	(250)	360	340	300	330	260	189		
	TDS	(500)	580	573	626	542	523	401		
APPENDIX IV	Antimony	0.006	ND	ND	ND (0.0006 J)	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND	ND		
	Barium	2	0.0232	0.0231	0.0223	0.0201	0.0206	0.0207		
	Beryllium	0.004	ND	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND (0.0005 J)	ND (0.0004 J)	ND (0.0003 J)	ND (0.0003 J)	ND (0.0003 J)	ND		
	Chromium	0.1	ND (0.0005 J)	ND (0.0005 J)	ND	ND	ND	ND		
	Cobalt	N/R	0.0255	0.0284	0.0238	0.0238	0.0292	0.0420		
	Lead	0.015	ND (0.0001 J)	ND (0.00009 J)	ND (0.0001 J)	ND	ND	ND		
	Lithium	N/R	0.0807	0.0850	0.0781	0.0731	0.0995	0.0875		
	Mercury	0.002	ND (0.00007 J)	ND (0.000083 J)	ND (0.00008 J)	ND	ND	ND		
	Molybdenum	N/R	ND (0.0009 J)	ND (0.0009 J)	ND	ND	ND	ND		
	Radium	5	0.737 U	0.892 U	0.979 U	0.871 U	1.19	0.863 U		
	Selenium	0.05	ND	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND	ND	ND	ND			

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- TDS indicates total dissolved solids.
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- DGWC-2 reported as DGWA-2 in lab reports.

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-4	DGWC-4	DGWC-4	DGWC-4	DGWC-4	DGWC-4	DGWC-4	DGWC-4	
		3/28/2017	5/12/2017	6/15/2017	7/11/2017	10/24/2017	11/15/2017*	2/27/2018		
APPENDIX III	Boron	N/R	4.01	3.58	3.58	3.85	3.82	NS	4.06	
	Calcium	N/R	229	233	224	249	232	NS	245	
	Chloride	(250)	29	29	28	28	28	27	24.6	
	Fluoride	4	ND (0.17 J)	ND	ND (0.02 J)	ND (0.02 J)	ND	0.79	ND	
	Sulfate	(250)	680	680	730	740	930	820	811	
	TDS	(500)	1160	1230	1290	1160	229	1330	1380	
APPENDIX IV	Antimony	0.006	ND	ND	ND (0.0008 J)	ND	ND	NS	ND	
	Arsenic	0.01	ND (0.0005 J)	ND (0.0005 J)	ND	ND (0.0008 J)	ND	NS	ND	
	Barium	2	0.0363	0.0337	0.0300	0.0301	0.0351	NS	0.0364	
	Beryllium	0.004	ND (0.0002 J)	ND (0.0002 J)	ND (0.0001 J)	ND (0.0001 J)	ND (0.0002 J)	NS	ND	
	Cadmium	0.005	ND (0.0006 J)	ND (0.0006 J)	ND (0.0005 J)	ND (0.0006 J)	ND (0.0007 J)	NS	ND	
	Chromium	0.1	ND (0.0005 J)	ND	ND	ND	ND	NS	ND	
	Cobalt	N/R	ND (0.0018 J)	ND (0.0015 J)	ND (0.0015 J)	ND (0.0015 J)	ND (0.0017 J)	NS	ND	
	Lead	0.015	ND (0.0002 J)	ND	ND	ND	ND	NS	ND	
	Lithium	N/R	ND (0.0031 J)	ND (0.0027 J)	ND (0.0025 J)	ND (0.0022 J)	ND (0.0024 J)	NS	ND (0.0027 J)	
	Mercury	0.002	ND	ND (0.000082 J)	ND (0.00008 J)	ND	ND	NS	ND	
	Molybdenum	N/R	ND (0.0080 J)	ND (0.0062 J)	ND (0.0044 J)	ND (0.0041 J)	ND (0.0072 J)	NS	ND (0.0069 J)	
	Radium	5	1.36	1.15	0.765 U	1.13	1.24	NS	1.82	
Selenium	0.05	ND	ND	ND	ND	ND	NS	ND		
Thallium	0.002	ND	ND	ND	ND	ND	NS	ND		

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-5	DGWC-5	DGWC-5	DGWC-5	DGWC-5	DGWC-5	DGWC-5	DGWC-5	
		8/31/2016	12/6/2016	3/28/2017	7/11/2017	10/25/2017	2/27/2018			
APPENDIX III	Boron	N/R	7.50	5.64	6.16	4.61	4.00	4.29		
	Calcium	N/R	82.6	73.9	89.1	84.6	95.6	108		
	Chloride	(250)	8.6	8.0	9.5	9.0	9.4	9.7		
	Fluoride	4	1.0	0.76	1.2	0.70	1.4	1.3		
	Sulfate	(250)	400	460	380	440	510	453		
	TDS	(500)	524	690	545	612	650	698		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND (0.0035 J)	ND (0.0032 J)	0.0385	0.0203	0.0119	0.0094		
	Barium	2	0.0266	0.0186	0.0187	ND (0.0174 J)	0.0175	0.0172		
	Beryllium	0.004	0.0054	0.0064	0.0049	0.0050	0.0069	0.0086		
	Cadmium	0.005	ND (0.0002 J)	ND (0.0004 J)	ND (0.0002 J)	ND (0.0003 J)	ND (0.0006 J)	ND		
	Chromium	0.1	ND	ND	ND	ND	ND	ND		
	Cobalt	N/R	0.0550	0.0432	0.0400	ND (0.0351 J)	0.0209	0.024		
	Lead	0.015	ND (0.0002 J)	ND (0.0004 J)	ND	ND	ND (0.0024 J)	ND		
	Lithium	N/R	ND (0.0026 J)	ND (0.0046 J)	ND (0.0028 J)	ND (0.0031 J)	ND (0.0055 J)	ND (0.0066 J)		
	Mercury	0.002	ND (0.00015 J)	ND (0.00012 J)	ND (0.00017 J)	ND (0.00020 J)	ND (0.00009 J)	ND (0.000090 J)		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	2.49	0.348 U	0.693 U	1.38	2.06	1.97		
	Selenium	0.05	0.0182	0.0120	0.168	0.0607	0.0340	0.0348		
Thallium	0.002	ND	ND	ND (0.0002 J)	ND	ND	ND			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-8	DGWC-8	DGWC-8	DGWC-8	DGWC-8	DGWC-8	DGWC-8	DGWC-8	
		8/30/2016	12/6/2016	3/29/2017	7/11/2017	10/24/2017	2/27/2018			
APPENDIX III	Boron	N/R	2.63	2.72	3.04	2.55	2.29	2.07		
	Calcium	N/R	82.7	76.8	90.5	91.1	78.1	64.2		
	Chloride	(250)	9.7	9.8	9.9	9.7	9.9	9.5		
	Fluoride	4	0.39	0.47	0.51	ND (0.20 J)	0.82	0.59		
	Sulfate	(250)	450	480	660	440	430	340		
	TDS	(500)	693	727	654	679	468	520		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND (0.0010 J)	ND (0.0012 J)	ND(0.0015 J)	ND (0.0020 J)		
	Barium	2	0.0435	0.0431	0.0440	0.0389	0.0369	0.0346		
	Beryllium	0.004	ND (0.0018 J)	0.0034	0.0031	ND (0.0022 J)	0.0042	0.0047		
	Cadmium	0.005	0.0019	0.0025	0.0024	0.0021	0.0029	0.0029		
	Chromium	0.1	ND	ND	ND (0.0004 J)	ND	ND	ND		
	Cobalt	N/R	0.0568	0.0873	0.0902	0.0601	0.123	0.126		
	Lead	0.015	ND	ND	ND (0.0001 J)	ND	ND	ND		
	Lithium	N/R	ND (0.0050 J)	ND (0.0066 J)	ND (0.0059 J)	ND (0.0045 J)	ND (0.0072 J)	ND (0.0075 J)		
	Mercury	0.002	ND (0.00009 J)	ND (0.00010 J)	ND (0.00012 J)	ND (0.00006 J)	ND	ND (0.000042 J)		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	0.919 U	0.407 U	0.280 U	0.209 U	0.615 U	1.05 U		
Selenium	0.05	ND (0.0032 J)	ND	ND (0.0048 J)	ND (0.0031 J)	ND (0.0069 J)	ND			
Thallium	0.002	ND	ND	ND (0.0002 J)	ND (0.0001 J)	ND (0.0003 J)	ND (0.00033 J)			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-9	DGWC-9	DGWC-9	DGWC-9	DGWC-9	DGWC-9	DGWC-9	DGWC-9	
		8/30/2016	12/6/2016	3/28/2017	7/11/2017	10/24/2017	2/27/2018			
APPENDIX III	Boron	N/R	1.72	1.92	2.01	1.78	1.72	1.68		
	Calcium	N/R	64.9	59.3	71.6	73.7	92.5	73.1		
	Chloride	(250)	6.0	6.2	6.6	6.9	6.7	8.2		
	Fluoride	4	0.78	1.1	1.1	1.1	1.7	1.2		
	Sulfate	(250)	300	320	300	320	430	327		
	TDS	(500)	414	449	404	436	599	482		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	0.0241	ND	0.0243	0.0194	0.0249	0.0405		
	Barium	2	0.0162	0.0138	0.0170	ND (0.0154 J)	0.0148	0.0148		
	Beryllium	0.004	0.0045	0.005	0.0052	0.0048	0.0051	0.0057		
	Cadmium	0.005	ND (0.0004 J)	ND (0.0005 J)	ND (0.0005 J)	ND (0.0005 J)	ND (0.0006 J)	ND		
	Chromium	0.1	ND	ND	ND (0.0010 J)	ND	ND	ND		
	Cobalt	N/R	0.0896	0.122	0.124	0.136	0.151	0.163		
	Lead	0.015	ND	ND	ND	ND	ND	ND		
	Lithium	N/R	ND (0.0212 J)	ND (0.0242 J)	ND (0.0249 J)	ND (0.0220 J)	ND (0.0281 J)	ND (0.0310 J)		
	Mercury	0.002	ND	ND (0.00005 J)	ND	ND	ND	ND (0.000042 J)		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	1.33	0.828 U	1.06	0.620 U	1.21	1.79		
	Selenium	0.05	0.0833	ND (0.0065 J)	0.0954	0.0561	0.0653	0.130		
Thallium	0.002	ND	ND (0.0006 J)	ND (0.0007 J)	ND (0.0007 J)	ND (0.0006 J)	ND (0.00038 J)			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-10	DGWC-10	DGWC-10	DGWC-10	DGWC-10	DGWC-10	DGWC-10	DGWC-10	
		8/31/2016	12/6/2016	3/29/2017	7/12/2017	10/24/2017	11/15/2017*	2/27/2018		
APPENDIX III	Boron	N/R	3.50	3.30	4.30	3.38	3.45	NS	3.23	
	Calcium	N/R	81.7	74.2	79.5	86.3	81.5	NS	96.2	
	Chloride	(250)	11	10	11	11	11	12	10.8	
	Fluoride	4	1.0	1.3	1.5	1.7	2.1	1.4	2.3	
	Sulfate	(250)	400	190	360	390	410	390	335	
	TDS	(500)	525	595	525	598	353	582	542	
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	NS	ND	
	Arsenic	0.01	0.0058	ND (0.0017 J)	0.0055	ND (0.0042 J)	0.0058	NS	0.0105	
	Barium	2	0.0321	0.0290	0.0335	0.0314	0.0317	NS	0.028	
	Beryllium	0.004	0.0046	0.0048	0.0048	0.0046	0.0048	NS	0.0106	
	Cadmium	0.005	0.0012	0.0013	0.0013	0.0013	0.0014	NS	0.001	
	Chromium	0.1	ND	ND	ND (0.0008 J)	ND (0.0006 J)	ND (0.0007 J)	NS	ND	
	Cobalt	N/R	0.193	0.200	0.184	0.177	0.175	NS	0.200	
	Lead	0.015	ND	ND	ND	ND	ND	NS	ND	
	Lithium	N/R	ND (0.0022 J)	ND	ND (0.0020 J)	ND (0.0019 J)	ND (0.0022 J)	NS	ND (0.0037 J)	
	Mercury	0.002	ND (0.00007 J)	ND (0.00009 J)	ND (0.00008 J)	ND	ND	NS	ND	
	Molybdenum	N/R	ND	ND	ND	ND	ND	NS	ND	
	Radium	5	1.08	1.31	1.24	0.831	0.838 U	NS	1.55	
	Selenium	0.05	0.0366	ND (0.0026 J)	0.0286	0.0257	0.0281	NS	0.0667	
Thallium	0.002	ND (0.0004 J)	ND (0.0004 J)	ND (0.0006 J)	ND (0.0005 J)	ND (0.0004 J)	NS	ND		

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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								
		DGWC-11	DGWC-11	DGWC-11	DGWC-11	DGWC-11	DGWC-11	DGWC-11	DGWC-11	
		8/31/2016	12/6/2016	3/29/2017	7/12/2017	10/24/2017	2/27/2018			
APPENDIX III	Boron	N/R	0.914	1.15	1.07	1.14	1.18	1.17		
	Calcium	N/R	44.2	48.3	50.5	50.8	55.0	51.4		
	Chloride	(250)	11	11	12	11	12	12.7		
	Fluoride	4	ND (0.06 J)	ND (0.06 J)	ND (0.04 J)	ND (0.03 J)	ND	ND		
	Sulfate	(250)	200	190	200	210	210	220		
	TDS	(500)	307	358	300	382	342	393		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND	ND		
	Barium	2	0.0545	0.0564	0.0565	0.0572	0.0596	0.0672		
	Beryllium	0.004	ND	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND	ND	ND	ND	ND	ND		
	Chromium	0.1	ND	ND	ND	ND	ND	ND		
	Cobalt	N/R	ND	ND (0.0006 J)	ND	ND	ND	ND		
	Lead	0.015	ND	ND	ND	ND	ND	ND		
	Lithium	N/R	ND (0.0022 J)	ND (0.0027 J)	ND (0.0021 J)	ND (0.0022 J)	ND (0.0024 J)	ND (0.0022 J)		
	Mercury	0.002	ND (0.00005 J)	ND (0.00008 J)	ND (0.00006 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	1.09	0.409 U	0.727	0.850 U	0.980 U	1.14		
	Selenium	0.05	ND	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND	ND	ND	ND			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-12	DGWC-12	DGWC-12	DGWC-12	DGWC-12	DGWC-12	DGWC-12	DGWC-12	
		9/1/2016	12/7/2016	3/29/2017	7/12/2017	10/25/2017	2/27/2018			
APPENDIX III	Boron	N/R	7.64	8.07	8.46	7.55	9.97	8.03		
	Calcium	N/R	80.6	82.1	88.3	87.0	92.1	85.6		
	Chloride	(250)	13	20	13	12	13	11.7		
	Fluoride	4	ND (0.02 J)	ND (0.16 J)	ND (0.10 J)	ND (0.20 J)	0.60	0.34		
	Sulfate	(250)	390	350	150	350	400	356		
	TDS	(500)	568	559	550	594	571	582		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND (0.0006 J)	ND		
	Barium	2	0.0254	0.0241	0.0268	0.0262	0.0268	0.0255		
	Beryllium	0.004	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND		
	Cadmium	0.005	ND (0.0004 J)	ND (0.0003 J)	ND (0.0003 J)	ND (0.0004 J)	ND (0.0004 J)	ND		
	Chromium	0.1	ND	ND	ND	ND	ND	ND		
	Cobalt	N/R	ND (0.0021 J)	ND (0.0026 J)	ND (0.0026 J)	ND (0.0033 J)	ND (0.0021 J)	ND		
	Lead	0.015	ND	ND	ND	ND	ND	ND		
	Lithium	N/R	ND	ND	ND	ND	ND	ND (0.00097 J)		
	Mercury	0.002	ND (0.00009 J)	ND	ND (0.00014 J)	ND (0.00008 J)	ND (0.00006 J)	ND (0.000060 J)		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	1.11	2.66	0.0726 U	0.538 U	0.216 U	0.830		
	Selenium	0.05	ND (0.0017 J)	ND	ND (0.0017 J)	ND (0.0019 J)	ND (0.0024 J)	ND		
Thallium	0.002	ND	ND	ND (0.00008 J)	ND (0.00009 J)	ND (0.00009 J)	ND			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-13	DGWC-13	DGWC-13	DGWC-13	DGWC-13	DGWC-13	DGWC-13	DGWC-13	
		9/6/2016	12/7/2016	3/30/2017	7/12/2017	11/15/2017	2/28/2018			
APPENDIX III	Boron	N/R	1.0	0.90	0.898	0.996	0.795	0.106		
	Calcium	N/R	44.0	39.8	46.3	47.8	49.3	ND		
	Chloride	(250)	16	14	16	14	16	2.7		
	Fluoride	4	ND (0.17 J)	0.30	ND (0.12 J)	ND (0.13 J)	0.44	0.18		
	Sulfate	(250)	170	160	180	170	180	43.5		
	TDS	(500)	296	270	287	312	325	84		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND	ND		
	Barium	2	0.0297	0.0266	0.0308	0.0291	0.0309	ND		
	Beryllium	0.004	ND	ND	ND (0.00007 J)	ND	ND	ND		
	Cadmium	0.005	ND	ND (0.0002 J)	ND (0.00008 J)	ND	ND	ND		
	Chromium	0.1	ND	ND	ND (0.0009 J)	ND	ND	ND		
	Cobalt	N/R	ND	ND	ND (0.0005 J)	ND (0.0004 J)	ND	ND		
	Lead	0.015	ND	ND	ND (0.0002 J)	ND	ND	ND		
	Lithium	N/R	ND (0.0029 J)	ND (0.0030 J)	ND (0.0035 J)	ND (0.0028 J)	ND (0.0028 J)	ND		
	Mercury	0.002	ND	ND (0.00009 J)	ND (0.00007 J)	ND	ND	ND		
	Molybdenum	N/R	0.0371	0.0273	0.0300	0.0323	0.0275	ND (0.0093 J)		
	Radium	5	1.32	1.76	1.59	1.36	1.08 U	0.721 U		
	Selenium	0.05	ND (0.0011 J)	ND (0.0015 J)	ND (0.0015 J)	ND	ND (0.0019 J)	ND		
Thallium	0.002	ND	ND	ND	ND	ND	ND			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-14	DGWC-14	DGWC-14	DGWC-14	DGWC-14	DGWC-14	DGWC-14	DGWC-14	
		8/31/2016	12/6/2016	3/29/2017	7/12/2017	10/25/2017	2/27/2018			
APPENDIX III	Boron	N/R	ND (0.0419 J)	0.0804	0.103	0.0440	0.0565	0.0539		
	Calcium	N/R	9.95	10.4	14.4	10.5	9.67	ND		
	Chloride	(250)	3.1	3.1	3.8	2.9	3.5	3.4		
	Fluoride	4	ND (0.06 J)	ND (0.10 J)	ND (0.02 J)	ND	ND	ND		
	Sulfate	(250)	44	45	81	44	42	41		
	TDS	(500)	106	138	102	118	88	99		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND	ND		
	Barium	2	0.0576	0.0608	0.0693	0.0585	0.0563	0.0591		
	Beryllium	0.004	ND	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND	ND	ND	ND	ND	ND		
	Chromium	0.1	ND	ND	ND	ND	ND	ND		
	Cobalt	N/R	ND	ND	ND	ND	ND	ND		
	Lead	0.015	ND	ND	ND	ND	ND	ND		
	Lithium	N/R	ND (0.0031 J)	ND (0.0042 J)	ND (0.0041 J)	ND (0.0036 J)	ND (0.0032 J)	ND (0.0035 J)		
	Mercury	0.002	ND (0.00005 J)	ND (0.00008 J)	ND (0.00006 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	0.997 U	0.659 U	0.313 U	1.03 U	0.607 U	0.695 U		
	Selenium	0.05	ND (0.0016 J)	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND	ND	ND	ND			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-15	DGWC-15	DGWC-15	DGWC-15	DGWC-15	DGWC-15	DGWC-15	DGWC-15	
		9/6/2016	12/7/2016	3/30/2017	7/12/2017	10/25/2017	2/28/2018			
APPENDIX III	Boron	N/R	1.25	1.56	1.5	1.49	1.47	1.58		
	Calcium	N/R	33.6	34.7	36.9	38.4	36.2	35		
	Chloride	(250)	19	20	21	21	21	20.1		
	Fluoride	4	ND (0.11 J)	ND (0.11 J)	ND	ND (0.07 J)	ND (0.26 J)	ND		
	Sulfate	(250)	180	180	210	170	180	168		
	TDS	(500)	304	287	312	490	290	313		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND (0.0006 J)	ND	ND	ND		
	Barium	2	0.0497	0.0469	0.0495	0.0517	0.0474	0.0455		
	Beryllium	0.004	ND	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND	ND (0.000090 J)	ND (0.00009 J)	ND	ND	ND		
	Chromium	0.1	ND	ND	ND (0.0005 J)	ND	ND	ND		
	Cobalt	N/R	ND (0.0042 J)	ND (0.0028 J)	ND (0.0024 J)	ND (0.0020 J)	ND (0.0019 J)	ND		
	Lead	0.015	ND	ND (0.0002 J)	ND (0.0001 J)	ND (0.0001 J)	ND	ND		
	Lithium	N/R	ND (0.0064 J)	ND (0.0066 J)	ND (0.0061 J)	ND (0.0060 J)	ND (0.0061 J)	ND (0.0062 J)		
	Mercury	0.002	ND	ND	ND (0.00006 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	0.731 U	1.73	0.276 U	0.584 U	0.454 U	1.25		
	Selenium	0.05	ND	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND	ND	ND	ND			

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		DGWC-17	DGWC-17	DGWC-17	DGWC-17	DGWC-17	DGWC-17	DGWC-17	DGWC-17	
		9/7/2016	12/8/2016	3/30/2017	7/12/2017	10/25/2017	2/28/2018			
APPENDIX III	Boron	N/R	0.683	0.688	0.743	0.620	0.739	0.627		
	Calcium	N/R	8.61	7.92	9.56	10.4	10.9	ND		
	Chloride	(250)	17	19	20	18	19	17		
	Fluoride	4	0.32	0.31	ND (0.10 J)	ND (0.27 J)	0.49	0.54		
	Sulfate	(250)	230	240	260	230	240	203		
	TDS	(500)	353	408	338	417	343	364		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND (0.0008 J)	ND	ND (0.0007 J)	ND (0.00073 J)		
	Barium	2	0.0694	0.0620	0.0615	0.0532	0.0544	0.0527		
	Beryllium	0.004	ND (0.0006 J)	ND (0.0005 J)	ND (0.0006 J)	ND (0.0005 J)	ND (0.0005 J)	ND		
	Cadmium	0.005	ND (0.0003 J)	ND (0.0003 J)	ND (0.0003 J)	ND (0.0002 J)	ND (0.0002 J)	ND		
	Chromium	0.1	ND (0.0026 J)	ND (0.0025 J)	ND (0.0026 J)	ND (0.0022 J)	ND (0.0024 J)	ND		
	Cobalt	N/R	0.0247	0.0290	0.0283	0.0230	0.0259	0.0200		
	Lead	0.015	ND	ND	ND (0.0001 J)	ND	ND	ND		
	Lithium	N/R	ND	ND	ND	ND	ND	ND		
	Mercury	0.002	ND (0.00006 J)	ND	ND (0.00012 J)	ND (0.00005 J)	ND (0.00005 J)	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	1.17	1.65	0.865 U	0.362 U	0.401 U	1.10 U		
	Selenium	0.05	ND (0.0070 J)	ND (0.0087 J)	ND (0.0099 J)	ND (0.0072 J)	ND (0.0078 J)	ND		
Thallium	0.002	ND	ND	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.00015 J)			

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		DGWC-19	DGWC-19	DGWC-19	DGWC-19	DGWC-19	DGWC-19	DGWC-19	DGWC-19	
		9/1/2016	12/7/2016	3/29/2017	7/12/2017	10/25/2017	2/28/2018			
APPENDIX III	Boron	N/R	3.08	3.34	3.96	2.82	3.19	2.91		
	Calcium	N/R	65.6	68.3	68	70	77	72		
	Chloride	(250)	41	41	42	41	41	36.4		
	Fluoride	4	0.75	0.37	0.35	0.34	0.90	1.2		
	Sulfate	(250)	240	250	250	250	270	244		
	TDS	(500)	396	400	390	360	423	440		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND (0.0022 J)	ND	ND (0.0020 J)	ND (0.0016 J)	ND (0.0022 J)	ND (0.0028 J)		
	Barium	2	0.0214	0.0191	0.0209	0.0212	0.0210	0.0213		
	Beryllium	0.004	ND (0.0019 J)	ND (0.0021 J)	ND (0.0017 J)	ND (0.0018 J)	ND (0.0019 J)	ND		
	Cadmium	0.005	ND (0.0004 J)	ND (0.0004 J)	ND (0.0004 J)	ND (0.0004 J)	ND (0.0004 J)	ND		
	Chromium	0.1	ND (0.0031 J)	ND	ND (0.0025 J)	ND (0.0023 J)	ND (0.0024 J)	ND		
	Cobalt	N/R	0.0553	0.0561	0.0534	0.0489	0.0514	0.0511		
	Lead	0.015	ND	ND	ND	ND	ND	ND		
	Lithium	N/R	ND (0.0034 J)	ND (0.0034 J)	ND (0.0031 J)	ND (0.0032 J)	ND (0.0031 J)	ND (0.0031 J)		
	Mercury	0.002	ND (0.00004 J)	ND (0.00005 J)	ND (0.00009 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	1.07 U	0.903 U	0.302 U	0.283 U	0.927 U	0.813 U		
	Selenium	0.05	ND (0.0093 J)	ND	ND (0.0071 J)	ND (0.0065 J)	ND (0.0087 J)	0.0114		
Thallium	0.002	ND (0.0005 J)	ND (0.0005 J)	ND (0.0004 J)	ND (0.0005 J)	ND (0.0004 J)	ND (0.00049 J)			

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**Plant McDonough Ash Ponds
Analytical Data Summary**

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-20	DGWC-20	DGWC-20	DGWC-20	DGWC-20	DGWC-20	DGWC-20	DGWC-20	
		9/2/2016	12/7/2016	3/29/2017	7/12/2017	10/25/2017	2/28/2018			
APPENDIX III	Boron	N/R	6.77	6.04	8.23	6.81	8.94	6.26		
	Calcium	N/R	96.3	91.9	95.7	100	97.3	86.3		
	Chloride	(250)	15	16	17	18	20	18.6		
	Fluoride	4	0.66	0.66	0.34	0.41	0.68	0.76		
	Sulfate	(250)	580	650	640	630	610	584		
	TDS	(500)	1100	930	923	956	854	888		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	0.0159	ND (0.0037 J)	0.0150	0.0121	0.0135	0.0177		
	Barium	2	ND (0.0097 J)	ND (0.0087 J)	ND (0.0094 J)	ND (0.0099 J)	ND (0.0096 J)	ND		
	Beryllium	0.004	ND (0.0026 J)	0.0035	ND (0.0026 J)	ND (0.0025 J)	ND (0.0027 J)	ND		
	Cadmium	0.005	0.0023	0.0023	0.0021	0.0021	0.0020	0.0018		
	Chromium	0.1	ND (0.0017 J)	ND	ND (0.0016 J)	ND	ND (0.0015 J)	ND		
	Cobalt	N/R	0.497	0.614	0.443	0.538	0.432	0.459		
	Lead	0.015	ND	ND	ND	ND	ND	ND		
	Lithium	N/R	ND (0.0021 J)	ND (0.0050 J)	ND (0.0021 J)	ND (0.0019 J)	ND (0.0022 J)	ND (0.0019 J)		
	Mercury	0.002	ND	ND (0.00008 J)	ND (0.00008 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	1.48	1.26 U	0.373 U	0.910 U	0.853 U	0.727 U		
	Selenium	0.05	0.0671	ND (0.0056 J)	0.0521	0.0483	0.0506	0.0755		
Thallium	0.002	ND	ND (0.0006 J)	ND (0.0006 J)	ND (0.0006 J)	ND (0.0005 J)	ND			

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Analytical Data Summary**

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-21	DGWC-21	DGWC-21	DGWC-21	DGWC-21	DGWC-21	DGWC-21	DGWC-21	
		9/2/2016	12/8/2016	3/30/2017	7/12/2017	10/25/2017	2/28/2018			
APPENDIX III	Boron	N/R	4.81	3.57	5.68	5.20	7.92	5.89		
	Calcium	N/R	70.2	70.1	72.5	80.4	75.6	73.2		
	Chloride	(250)	25	24	24	23	23	19.9		
	Fluoride	4	ND (0.07 J)	ND (0.14 J)	ND	ND (0.04 J)	0.34	ND		
	Sulfate	(250)	300	280	270	290	290	267		
	TDS	(500)	459	491	436	505	474	480		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND	ND		
	Barium	2	0.0252	0.0262	0.0272	0.0276	0.0262	0.0270		
	Beryllium	0.004	ND (0.0001 J)	ND (0.0001 J)	ND (0.0002 J)	ND (0.0001 J)	ND (0.0002 J)	ND		
	Cadmium	0.005	ND (0.0006 J)	ND (0.0006 J)	ND (0.0008 J)	ND (0.0006 J)	ND (0.0005 J)	ND		
	Chromium	0.1	ND	ND	ND (0.0005 J)	ND (0.0006 J)	ND	ND		
	Cobalt	N/R	ND (0.0085 J)	ND (0.0095 J)	ND (0.0076 J)	ND (0.0092 J)	ND (0.0092 J)	ND		
	Lead	0.015	ND (0.0002 J)	ND	ND (0.0004 J)	ND (0.0001 J)	ND	ND		
	Lithium	N/R	ND (0.0057 J)	ND (0.0054 J)	ND (0.0065 J)	ND (0.0057 J)	ND (0.0060 J)	ND (0.0061 J)		
	Mercury	0.002	ND (0.00006 J)	ND	ND (0.00008 J)	ND (0.00006 J)	ND (0.00005 J)	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	0.908 U	1.03 U	0.884 U	1.22	1.07 U	1.45		
	Selenium	0.05	ND	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND	ND	ND	ND			

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Analytical Data Summary**

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-22	DGWC-22	DGWC-22	DGWC-22	DGWC-22	DGWC-22	DGWC-22	DGWC-22	
		9/2/2016	12/8/2016	3/29/2017	7/13/2017	10/25/2017	2/28/2018			
APPENDIX III	Boron	N/R	3.99	3.1	4.85	3.85	3.90	5.14		
	Calcium	N/R	61.6	60.1	64.7	67.2	66.8	62.3		
	Chloride	(250)	30	26	30	29	29	23.4		
	Fluoride	4	0.30	ND (0.12 J)	ND (0.11 J)	ND (0.09 J)	ND (0.25 J)	ND		
	Sulfate	(250)	140	260	290	300	290	278		
	TDS	(500)	502	464	462	492	477	476		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND	ND (0.0010 J)		
	Barium	2	0.0397	0.0408	0.0417	0.0376	0.0384	0.0353		
	Beryllium	0.004	ND (0.0002 J)	ND (0.0001 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND		
	Cadmium	0.005	ND (0.0003 J)	ND (0.0004 J)	ND (0.0004 J)	ND (0.0005 J)	ND (0.0007 J)	ND		
	Chromium	0.1	ND (0.0012 J)	ND	ND	ND	ND	ND		
	Cobalt	N/R	0.0102	ND (0.0079 J)	ND (0.0097 J)	0.0106	ND (0.0094 J)	ND		
	Lead	0.015	ND	ND	ND	ND	ND	ND		
	Lithium	N/R	ND (0.0046 J)	ND (0.0047 J)	ND (0.0043 J)	ND (0.0044 J)	ND (0.0042 J)	ND (0.0043 J)		
	Mercury	0.002	ND (0.00005 J)	ND	ND (0.00010 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	1.54	0.505 U	0.715 U	1.14	1.60	0.918 U		
	Selenium	0.05	ND	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND (0.00006 J)	ND (0.00007 J)	ND (0.00007 J)	ND			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-23	DGWC-23	DGWC-23	DGWC-23	DGWC-23	DGWC-23	DGWC-23	DGWC-23	
		3/30/2017	5/12/2017	6/15/2017	7/12/2017	10/26/2017	3/1/2018			
APPENDIX III	Boron	N/R	4.68	4.03	4.11	3.74	4.07	4.37		
	Calcium	N/R	68.1	71.1	65.9	70.0	67.2	66.5		
	Chloride	(250)	17	17	16	16	17	14.8		
	Fluoride	4	ND (0.12 J)	0.36	ND (0.21 J)	ND (0.22 J)	0.66	0.18		
	Sulfate	(250)	220	220	200	220	220	209		
	TDS	(500)	380	438	458	461	446	454		
APPENDIX IV	Antimony	0.006	ND	ND	ND (0.0007 J)	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND	ND		
	Barium	2	0.0184	0.0202	0.0188	0.0186	0.0176	0.0164		
	Beryllium	0.004	ND (0.0004 J)	ND (0.0004 J)	ND (0.0004 J)	ND (0.0004 J)	ND (0.0004 J)	ND		
	Cadmium	0.005	ND (0.0002 J)	ND (0.0003 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0003 J)	ND		
	Chromium	0.1	ND (0.0012 J)	ND (0.0004 J)	ND (0.0005 J)	ND (0.0007 J)	ND (0.0007 J)	ND		
	Cobalt	N/R	ND	ND	ND (0.0003 J)	ND	ND	ND		
	Lead	0.015	ND	ND	ND	ND	ND	ND		
	Lithium	N/R	ND (0.0162 J)	ND (0.0036 J)	ND (0.0063 J)	ND (0.0068 J)	ND (0.0049 J)	0.0759		
	Mercury	0.002	ND (0.00020 J)	ND (0.00015 J)	ND (0.00019 J)	ND (0.00012 J)	ND (0.00012 J)	ND		
	Molybdenum	N/R	ND (0.0084 J)	ND (0.0085 J)	0.0104	ND (0.0092 J)	ND (0.0077 J)	ND (0.0045 J)		
	Radium	5	0.297 U	0.693 U	0.435 U	0.703 U	0.984 U	0.743 U		
Selenium	0.05	ND	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND	ND			

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Substance	MCL/ (SMCL)	Well ID											
		DGWA-26	DGWA-26	DGWA-26	DGWA-26	DGWA-26	DGWA-26	DGWA-26	DGWA-26				
		8/30/2016	12/6/2016										
APPENDIX III	Boron	N/R	0.854	0.552									
	Calcium	N/R	83.2	46.2									
	Chloride	(250)	4.3	2.8									
	Fluoride	4	ND (0.20 J)	ND (0.15 J)									
	Sulfate	(250)	330	220									
	TDS	(500)	566	432									
APPENDIX IV	Antimony	0.006	ND	ND									
	Arsenic	0.01	ND	ND									
	Barium	2	0.0377	0.0157									
	Beryllium	0.004	ND (0.0009 J)	ND (0.0002 J)									
	Cadmium	0.005	ND	ND									
	Chromium	0.1	ND	ND									
	Cobalt	N/R	ND	ND									
	Lead	0.015	ND	ND									
	Lithium	N/R	ND (0.0200 J)	ND (0.0212 J)									
	Mercury	0.002	ND (0.00008 J)	ND (0.00005 J)									
	Molybdenum	N/R	ND	ND									
	Radium	5	8.98	4.47									
	Selenium	0.05	ND (0.0092 J)	ND (0.0038 J)									
Thallium	0.002	ND	ND										

See Note 10

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Substance	MCL/ (SMCL)	Well ID								
		DGWA-27	DGWA-27	DGWA-27	DGWA-27	DGWA-27	DGWA-27	DGWA-27	DGWA-27	
		8/30/2016	12/6/2016	See Note 10						
APPENDIX III	Boron	N/R	1.13	1.36	See Note 10					
	Calcium	N/R	166	163						
	Chloride	(250)	6.8	6.9						
	Fluoride	4	1.0	0.81						
	Sulfate	(250)	860	730						
	TDS	(500)	1270	1110						
APPENDIX IV	Antimony	0.006	ND	ND						
	Arsenic	0.01	0.0070	ND						
	Barium	2	0.0447	0.0370						
	Beryllium	0.004	0.0275	0.0184						
	Cadmium	0.005	0.0054	0.0046						
	Chromium	0.1	ND	ND						
	Cobalt	N/R	0.930	0.598						
	Lead	0.015	ND (0.0005 J)	ND (0.0003 J)						
	Lithium	N/R	ND (0.0496 J)	ND (0.0443 J)						
	Mercury	0.002	ND (0.00005 J)	ND (0.00007 J)						
	Molybdenum	N/R	ND	ND						
	Radium	5	0.815 U	1.24 U						
	Selenium	0.05	0.0447	0.0212						
Thallium	0.002	ND	ND							

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**Plant McDonough 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								
		DGWC-37	DGWC-37	DGWC-37	DGWC-37	DGWC-37	DGWC-37	DGWC-37	DGWC-37	
		9/8/2016	12/7/2016	3/30/2017	7/13/2017	10/26/2017	3/1/2018			
APPENDIX III	Boron	N/R	1.58	2.01	1.47	2.10	1.86	1.87		
	Calcium	N/R	52.5	29.7	62.6	64.1	60.8	57		
	Chloride	(250)	6.2	6.1	6.3	6.5	6.4	6.3		
	Fluoride	4	ND (0.08 J)	ND (0.21 J)	ND (0.05 J)	ND (0.06 J)	ND (0.08 J)	0.22		
	Sulfate	(250)	97	100	110	200	97	94.6		
	TDS	(500)	279	300	273	312	340	311		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND (0.0019 J)	ND	ND	ND	ND		
	Barium	2	0.123	0.125	0.110	0.110	0.112	0.102		
	Beryllium	0.004	ND	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND (0.0002 J)	ND (0.0001 J)	ND (0.0001 J)	ND	ND	ND		
	Chromium	0.1	ND	ND	ND	ND	ND (0.0007 J)	ND		
	Cobalt	N/R	ND	ND (0.0005 J)	ND	ND (0.0003 J)	ND (0.0003 J)	ND		
	Lead	0.015	ND	ND	ND (0.0014 J)	ND	ND	ND		
	Lithium	N/R	ND	ND	ND (0.0029 J)	ND	ND (0.0018 J)	ND (0.0024 J)		
	Mercury	0.002	ND	ND	ND (0.00006 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	0.827 U	0.560 U	0.302 U	0.731 U	1.04 U	0.344 U		
	Selenium	0.05	ND	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND	ND	ND	ND			

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Analytical Data Summary**

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-38	DGWC-38	DGWC-38	DGWC-38	DGWC-38	DGWC-38	DGWC-38	DGWC-38	
		9/8/2016	12/7/2016	3/30/2017	7/13/2017	10/26/2017	3/1/2018			
APPENDIX III	Boron	N/R	2.69	3.08	3.19	3.09	2.92	3.08		
	Calcium	N/R	70.3	38.4	80.3	90.8	81.3	81.8		
	Chloride	(250)	7.4	7.4	7.7	7.5	8.2	8.1		
	Fluoride	4	ND (0.10 J)	ND (0.27 J)	ND (0.12 J)	ND (0.13 J)	0.47	ND		
	Sulfate	(250)	270	250	290	270	260	242		
	TDS	(500)	437	478	448	504	554	492		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND (0.0005 J)	ND	ND		
	Barium	2	0.0333	0.0336	0.0325	0.0332	0.0333	0.0333		
	Beryllium	0.004	ND	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND (0.0002 J)	ND		
	Chromium	0.1	ND	ND	ND	ND	ND (0.0005 J)	ND		
	Cobalt	N/R	ND (0.0015 J)	ND (0.0017 J)	ND (0.0016 J)	ND (0.0016 J)	ND (0.0016 J)	ND		
	Lead	0.015	ND	ND	ND	ND	ND (0.0001 J)	ND		
	Lithium	N/R	ND (0.0032 J)	ND (0.0035 J)	ND (0.0035 J)	ND (0.0032 J)	ND (0.0034 J)	ND (0.0033 J)		
	Mercury	0.002	ND	ND	ND (0.00007 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND (0.0011 J)	ND (0.0012 J)	ND (0.0011 J)	ND		
	Radium	5	1.48	0.220 U	0.519 U	1.11	1.13 U	0.985 U		
	Selenium	0.05	ND	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND (0.0001 J)	ND (0.0001 J)	ND (0.0001 J)	ND			

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Analytical Data Summary**

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-39	DGWC-39	DGWC-39	DGWC-39	DGWC-39	DGWC-39	DGWC-39	DGWC-39	
		9/8/2016	12/7/2016	3/30/2017	7/13/2017	10/26/2017	3/1/2018			
APPENDIX III	Boron	N/R	3.35	3.63	3.57	3.41	3.41	2.86		
	Calcium	N/R	87.2	96.7	98.9	95.0	90.6	79.6		
	Chloride	(250)	9.2	8.9	8.7	8.4	8.3	8.1		
	Fluoride	4	ND (0.17 J)	0.33	ND (0.17 J)	ND (0.14 J)	0.54	0.13		
	Sulfate	(250)	280	250	310	220	210	166		
	TDS	(500)	522	565	496	508	532	440		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND (0.0007 J)	ND (0.0009 J)	ND	ND (0.0011 J)		
	Barium	2	0.0978	0.0844	0.0858	0.0919	0.0899	0.0742		
	Beryllium	0.004	ND	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND	ND	ND	ND	ND	ND		
	Chromium	0.1	ND	ND	ND	ND	ND	ND		
	Cobalt	N/R	ND (0.0068 J)	ND (0.0071 J)	ND (0.0060 J)	ND (0.0063 J)	ND (0.0062 J)	ND		
	Lead	0.015	ND	ND	ND	ND	ND	ND		
	Lithium	N/R	ND	ND	ND	ND	ND	ND		
	Mercury	0.002	ND	ND	ND (0.000059 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	1.44	2.16	0.264 U	0.517 U	0.875 U	1.24		
	Selenium	0.05	ND	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND (0.0001 J)	ND (0.00009 J)	ND (0.0001 J)	ND			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-40	DGWC-40	DGWC-40	DGWC-40	DGWC-40	DGWC-40	DGWC-40	DGWC-40	
		9/2/2016	12/8/2016	3/30/2017	7/13/2017	10/26/2017	3/2/2018			
APPENDIX III	Boron	N/R	0.895	0.841	0.937	0.933	0.873	0.974		
	Calcium	N/R	39.6	37.9	43.9	46.2	41.8	43.2		
	Chloride	(250)	20	18	20	21	21	19.5		
	Fluoride	4	0.50	0.35	ND (0.21 J)	ND (0.20 J)	0.50	0.33		
	Sulfate	(250)	230	270	240	220	220	219		
	TDS	(500)	583	319	344	386	373	359		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND (0.0006 J)	ND	ND	ND (0.0011 J)		
	Barium	2	0.0171	0.0163	0.0177	0.0170	0.0168	0.0169		
	Beryllium	0.004	ND (0.0028 J)	ND (0.0026 J)	0.0030	ND (0.0030 J)	ND (0.0027 J)	0.0033		
	Cadmium	0.005	ND (0.0008 J)	ND (0.0007 J)	ND (0.0007 J)	ND (0.0008 J)	ND (0.0008 J)	ND		
	Chromium	0.1	ND	ND	ND (0.0007 J)	ND (0.0006 J)	ND (0.0007 J)	ND		
	Cobalt	N/R	0.0382	0.0318	0.0364	0.0394	0.0371	0.0425		
	Lead	0.015	ND	ND	ND (0.00007 J)	ND	ND (0.00007 J)	ND		
	Lithium	N/R	ND (0.0022 J)	ND	ND (0.0023 J)	ND (0.0023 J)	ND (0.0021 J)	ND (0.0023 J)		
	Mercury	0.002	ND (0.000044 J)	ND	ND (0.00009 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	1.44	2.56	0.0844 U	0.963 U	0.748 U	0.485 U		
	Selenium	0.05	ND (0.0019 J)	ND (0.0022 J)	ND (0.0023 J)	ND (0.0025 J)	ND (0.0036 J)	ND		
Thallium	0.002	ND	ND	ND (0.00006 J)	ND (0.00006 J)	ND (0.00007 J)	ND			

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Analytical Data Summary**

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-42	DGWC-42	DGWC-42	DGWC-42	DGWC-42	DGWC-42	DGWC-42	DGWC-42	
		9/7/2016	12/8/2016	3/31/2017	7/13/2017	10/25/2017	2/28/2018			
APPENDIX III	Boron	N/R	0.924	0.957	0.989	1.03	0.982	0.918		
	Calcium	N/R	43.6	45.8	48.3	52.3	50.9	45.1		
	Chloride	(250)	33	32	33	33	32	29		
	Fluoride	4	ND (0.02 J)	ND (0.06 J)	ND	ND	ND	ND		
	Sulfate	(250)	370	350	380	370	370	350		
	TDS	(500)	611	535	661	641	626	616		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND (0.0007 J)	ND	ND	ND (0.0011 J)		
	Barium	2	0.0194	0.0189	0.0194	0.0210	0.0196	0.0171		
	Beryllium	0.004	ND (0.0021 J)	ND (0.0023 J)	ND (0.0025 J)	ND (0.0025 J)	ND (0.0026 J)	ND		
	Cadmium	0.005	ND (0.0007 J)	ND (0.0003 J)	ND (0.0009 J)	ND (0.0008 J)	ND (0.0005 J)	ND		
	Chromium	0.1	ND	ND	ND (0.0010 J)	ND (0.0008 J)	ND (0.0005 J)	ND		
	Cobalt	N/R	0.0695	0.0652	0.0524	0.0481	0.0435	0.0167		
	Lead	0.015	ND (0.0002 J)	ND (0.0002 J)	ND (0.0004 J)	ND (0.0004 J)	ND (0.0002 J)	ND		
	Lithium	N/R	ND (0.0120 J)	ND (0.0118 J)	ND (0.0119 J)	ND (0.0116 J)	ND (0.0122 J)	ND (0.0122 J)		
	Mercury	0.002	ND	ND	ND (0.00004 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	0.876 U	0.955	0.102 U	1.08 U	1.46	0.882 U		
	Selenium	0.05	ND	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND (0.00009 J)	ND (0.00009 J)	ND (0.00009 J)	ND			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-47	DGWC-47	DGWC-47	DGWC-47	DGWC-47	DGWC-47	DGWC-47	DGWC-47	
		9/1/2016	12/8/2016	3/31/2017	7/13/2017	10/26/2017	3/1/2018			
APPENDIX III	Boron	N/R	0.345	0.352	0.312	0.280	0.269	0.296		
	Calcium	N/R	69.3	71.1	62.6	52.5	46.7	44.2		
	Chloride	(250)	12	12	9.1	5.7	6.6	10.7		
	Fluoride	4	1.8	1.1	0.88	0.84	1.0	1.4		
	Sulfate	(250)	470	400	350	270	290	245		
	TDS	(500)	704	587	545	441	444	435		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND (0.0037 J)	ND (0.0032 J)	ND (0.0031 J)	ND (0.0018 J)	ND (0.0016 J)	ND (0.0029 J)		
	Barium	2	0.0162	0.0247	0.0189	0.0165	0.0152	0.0164		
	Beryllium	0.004	0.0165	0.0116	0.0112	0.0098	0.0119	0.0146		
	Cadmium	0.005	0.0017	ND (0.0002 J)	0.0020	0.0017	0.0015	0.0025		
	Chromium	0.1	ND	ND	ND (0.0007 J)	ND	ND	ND		
	Cobalt	N/R	0.536	0.381	0.354	0.396	0.383	0.401		
	Lead	0.015	ND (0.0005 J)	ND	ND (0.0009 J)	ND (0.0007 J)	ND (0.0009 J)	ND		
	Lithium	N/R	0.0854	0.0667	0.0767	0.0743	0.0710	0.0772		
	Mercury	0.002	ND	ND	ND	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	4.47	2.88	1.14	2.37	2.88	2.21		
	Selenium	0.05	0.0217	0.0170	0.0133	ND (0.0068 J)	ND (0.0097 J)	0.0124		
Thallium	0.002	ND (0.0002 J)	ND	ND (0.0002 J)	ND (0.0002 J)	ND (0.0003 J)	ND (0.00032 J)			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-48	DGWC-48	DGWC-48	DGWC-48	DGWC-48	DGWC-48	DGWC-48	DGWC-48	
		9/1/2016	12/8/2016	3/30/2017	7/13/2017	10/26/2017	3/2/2018			
APPENDIX III	Boron	N/R	0.955	0.919	0.925	0.972	0.746	0.878		
	Calcium	N/R	95.1	105	98.6	102	94.0	86.6		
	Chloride	(250)	18	17	16	15	14	12.8		
	Fluoride	4	1.5	1.6	0.86	1.1	1.7	1.1		
	Sulfate	(250)	540	540	550	500	510	456		
	TDS	(500)	845	777	775	789	753	704		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND (0.0015 J)	ND (0.0012 J)	ND (0.0008 J)	ND (0.0017 J)		
	Barium	2	0.0157	0.0155	0.0131	0.0140	0.0117	0.0131		
	Beryllium	0.004	0.0080	0.0086	0.0106	0.0106	0.0078	0.0096		
	Cadmium	0.005	0.0013	0.0042	0.0089	0.0033	0.0032	0.0049		
	Chromium	0.1	ND	ND	ND	ND (0.0007 J)	ND	ND		
	Cobalt	N/R	0.539	0.575	0.573	0.531	0.482	0.490		
	Lead	0.015	ND (0.0008 J)	ND (0.0019 J)	ND (0.0035 J)	ND (0.0020 J)	ND (0.0022 J)	ND		
	Lithium	N/R	0.125	0.122	0.144	0.143	0.115	0.129		
	Mercury	0.002	ND	ND	ND (0.00006 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	2.37	2.87	1.71	1.78	3.74	2.26		
	Selenium	0.05	ND (0.0084 J)	ND (0.0084 J)	ND (0.0079 J)	ND (0.0062 J)	ND (0.0058 J)	ND		
Thallium	0.002	ND	ND	ND (0.00009 J)	ND (0.00008 J)	ND (0.00009 J)	ND			

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**Plant McDonough Ash Ponds
Analytical Data Summary**

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Substance	MCL/ (SMCL)	Well ID								
		DGWA-53	DGWA-53	DGWA-53	DGWA-53	DGWA-53	DGWA-53	DGWA-53	DGWA-53	
		3/28/2017	5/11/2017	6/15/2017	7/12/2017	10/24/2017	11/15/2017*	3/8/2018		
APPENDIX III	Boron	N/R	0.0612	0.0805	0.0725	0.0735	0.0770	NS	ND (0.13 J)	
	Calcium	N/R	30.8	35.8	36.0	40.3	30.3	NS	39.8	
	Chloride	(250)	3.7	2.3	2.6	2.3	2.7	2.2	2.4	
	Fluoride	4	ND (0.12 J)	ND (0.07 J)	ND (0.19 J)	ND (0.10 J)	ND (0.06 J)	ND (0.05 J)	ND	
	Sulfate	(250)	49	21	16	10	15	3.8	9.7	
	TDS	(500)	202	241	251	218	671	241	213	
APPENDIX IV	Antimony	0.006	ND	ND	ND (0.0006 J)	ND	ND	NS	ND	
	Arsenic	0.01	ND (0.0005 J)	ND (0.0005 J)	ND	ND	ND	NS	ND	
	Barium	2	0.134	0.126	0.140	0.173	0.109	NS	0.190	
	Beryllium	0.004	ND	ND	ND	ND	ND	NS	ND	
	Cadmium	0.005	ND	ND (0.00008 J)	ND	ND	ND	NS	ND	
	Chromium	0.1	ND	ND	ND	ND	ND	NS	ND	
	Cobalt	N/R	0.0250	0.0281	0.0322	0.0247	0.0267	NS	0.027	
	Lead	0.015	ND	ND	ND	ND	ND	NS	ND	
	Lithium	N/R	ND (0.0108 J)	ND (0.0087 J)	ND (0.0088 J)	ND (0.0075 J)	ND (0.0103 J)	NS	ND (0.011 J)	
	Mercury	0.002	ND	ND	ND (0.00008 J)	ND	ND	NS	ND	
	Molybdenum	N/R	0.0242	0.0375	0.0409	0.0321	0.0227	NS	0.035	
	Radium	5	6.36	3.45	4.58	4.37	4.46	NS	2.14	
Selenium	0.05	ND	ND	ND	ND	ND	NS	ND		
Thallium	0.002	ND	ND	ND	ND	ND	NS	ND		

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**Plant McDonough Ash Ponds
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Substance	MCL/ (SMCL)	Well ID								
		DGWC-67	DGWC-67	DGWC-67	DGWC-67	DGWC-67	DGWC-67	DGWC-67	DGWC-67	
		3/31/2017	5/12/2017	6/16/2017	7/13/2017	10/26/2017	3/2/2018			
APPENDIX III	Boron	N/R	2.91	3.24	3.42	3.46	3.21	3.49		
	Calcium	N/R	39.9	43.6	42.5	43.7	40.4	40.1		
	Chloride	(250)	5.7	5.6	5.5	5.2	6.0	5.8		
	Fluoride	4	ND (0.02 J)	ND	ND (0.03 J)	ND (0.03 J)	ND	ND		
	Sulfate	(250)	110	100	100	110	100	98.5		
	TDS	(500)	270	287	309	275	319	264		
APPENDIX IV	Antimony	0.006	ND (0.0004 J)	ND	ND (0.0008 J)	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND	ND		
	Barium	2	0.111	0.127	0.110	0.102	0.105	0.104		
	Beryllium	0.004	ND	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND	ND	ND	ND	ND	ND		
	Chromium	0.1	ND (0.0005 J)	ND (0.0007 J)	ND	ND	ND	ND		
	Cobalt	N/R	ND (0.0064 J)	ND (0.0037 J)	ND (0.0041 J)	ND (0.0037 J)	ND (0.0022 J)	ND		
	Lead	0.015	ND	ND (0.00009 J)	ND	ND	ND	ND		
	Lithium	N/R	ND (0.0052 J)	ND (0.0054 J)	ND (0.0048 J)	ND (0.0044 J)	ND (0.0043 J)	ND (0.0047 J)		
	Mercury	0.002	ND	ND	ND (0.00007 J)	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	0.404 U	0.206 U	0.966 U	0.387 U	0.619 U	1.31		
	Selenium	0.05	ND	ND	ND	ND	ND	ND		
Thallium	0.002	ND	ND	ND	ND	ND	ND			

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Analytical Data Summary**

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Substance	MCL/ (SMCL)	Well ID											
		DGWC-68	DGWC-68	DGWC-68	DGWC-68	DGWC-68	DGWC-68	DGWC-68	DGWC-68				
		3/31/2017	4/12/2017*										
APPENDIX III	Boron	N/R	1.25	1.16									
	Calcium	N/R	48.2	NS									
	Chloride	(250)	3.8	NS									
	Fluoride	4	0.54	NS									
	Sulfate	(250)	38	NS									
	TDS	(500)	288	NS									
APPENDIX IV	Antimony	0.006	ND	NS									
	Arsenic	0.01	0.488	0.498									
	Barium	2	0.0796	NS									
	Beryllium	0.004	ND	NS									
	Cadmium	0.005	ND	NS									
	Chromium	0.1	ND	NS									
	Cobalt	N/R	ND (0.0025 J)	NS									
	Lead	0.015	ND	NS									
	Lithium	N/R	ND (0.0016 J)	NS									
	Mercury	0.002	ND	NS									
	Molybdenum	N/R	0.175	NS									
	Radium	5	0.358 U	NS									
	Selenium	0.05	ND	NS									
Thallium	0.002	ND (0.00008 J)	NS										

See Note 10

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-68A	DGWC-68A	DGWC-68A	DGWC-68A	DGWC-68A	DGWC-68A	DGWC-68A	DGWC-68A	
		5/12/2017	6/16/2017	7/13/2017	8/8/2017	10/26/2017	3/2/2018			
APPENDIX III	Boron	N/R	1.80	1.88	1.97	2.10	2.05	2.05		
	Calcium	N/R	51.7	47.9	52.3	46.3	48.2	48.9		
	Chloride	(250)	4.2	4.2	4.4	4.2	4.4	4.2		
	Fluoride	4	0.37	ND (0.12 J)	ND (0.12 J)	ND (0.11 J)	ND (0.11 J)	0.23		
	Sulfate	(250)	50	47	49	48	48	44.7		
	TDS	(500)	300	271	246	278	287	252		
APPENDIX IV	Antimony	0.006	ND	ND (0.0008 J)	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND	ND		
	Barium	2	0.0890	0.0855	0.0859	0.0852	0.0878	0.0878		
	Beryllium	0.004	ND	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND (0.00008 J)	ND	ND	ND	ND	ND		
	Chromium	0.1	ND	ND	ND (0.0005 J)	ND	ND	ND		
	Cobalt	N/R	ND (0.0015 J)	ND (0.0003 J)	ND (0.0005 J)	ND	ND	ND		
	Lead	0.015	ND	ND	ND	ND	ND	ND		
	Lithium	N/R	ND (0.0016 J)	ND	ND	ND	ND	ND		
	Mercury	0.002	ND	ND (0.00007 J)	ND	ND	ND	ND		
	Molybdenum	N/R	0.275	0.190	0.211	0.207	0.226	0.215		
	Radium	5	1.18	0.332 U	0.304 U	1.40	0.477 U	1.13		
Selenium	0.05	ND	ND	ND	ND	ND	ND			
Thallium	0.002	ND	ND	ND	ND	ND	ND			

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Substance	MCL/ (SMCL)	Well ID								
		DGWC-69	DGWC-69	DGWC-69	DGWC-69	DGWC-69	DGWC-69	DGWC-69	DGWC-69	DGWC-69
		3/31/2017	4/12/2017*	5/12/2017	6/16/2017	7/13/2017	10/26/2017	11/15/2017*	3/2/2018	
APPENDIX III	Boron	N/R	0.407	0.207	0.311	0.381	0.323	0.779	0.667	0.0478
	Calcium	N/R	ND (18.6 J)	NS	18.9	17.7	17.6	33.3	30.6	8.09
	Chloride	(250)	4.4	NS	4.4	4.7	4.7	4.2	4.7	6.4
	Fluoride	4	ND (0.16 J)	NS	ND (0.12 J)	ND (0.16 J)	ND (0.13 J)	ND (0.29 J)	ND (0.28 J)	0.18
	Sulfate	(250)	21	NS	17	20	17	31	29	10.1
	TDS	(500)	138	NS	243	155	122	234	188	73
APPENDIX IV	Antimony	0.006	ND	NS	ND	ND (0.0007 J)	ND	ND	ND	ND
	Arsenic	0.01	0.0239	0.0077	0.0097	0.0113	ND (0.0029 J)	0.114	0.164	0.0127
	Barium	2	0.0872	NS	0.0929	0.100	0.0985	0.136	0.107	0.0671
	Beryllium	0.004	ND (0.00007 J)	NS	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND (0.0001 J)	NS	ND (0.0002 J)	ND (0.0002 J)	ND	ND	ND	ND
	Chromium	0.1	ND	NS	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND (0.0022 J)	NS	ND (0.0016 J)	ND (0.0009 J)	ND (0.0004 J)	ND (0.0031 J)	ND (0.0028 J)	ND
	Lead	0.015	ND	NS	ND (0.0001 J)	ND	ND	ND	ND (0.00009 J)	ND
	Lithium	N/R	ND (0.0031 J)	NS	ND (0.0030 J)	ND (0.0031 J)	ND (0.0029 J)	ND (0.0034 J)	ND (0.0034 J)	ND (0.0028 J)
	Mercury	0.002	ND	NS	ND	ND (0.00007 J)	ND	ND	ND	ND
	Molybdenum	N/R	0.0124	NS	0.0117	ND (0.0087 J)	ND (0.0053 J)	0.0244	0.0237	ND (0.0072 J)
	Radium	5	1.39	NS	1.29	1.61	1.14	2.04	1.99	0.918 U
	Selenium	0.05	ND	NS	ND	ND	ND	ND	ND	ND
Thallium	0.002	ND	NS	ND	ND	ND	ND	ND	ND	

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Substance	MCL/ (SMCL)	Well ID							
		DGWA-70	DGWA-70	DGWA-70	DGWA-70	DGWA-70	DGWA-70	DGWA-70	DGWA-70
		3/28/2017							
APPENDIX III	Boron	N/R	ND (0.0067 J)						
	Calcium	N/R	5.14						
	Chloride	(250)	3.8						
	Fluoride	4	1.2						
	Sulfate	(250)	2.7						
	TDS	(500)	39						
APPENDIX IV	Antimony	0.006	ND						
	Arsenic	0.01	ND						
	Barium	2	0.0166						
	Beryllium	0.004	ND						
	Cadmium	0.005	ND						
	Chromium	0.1	ND (0.0008 J)						
	Cobalt	N/R	ND (0.0034 J)						
	Lead	0.015	ND (0.00009 J)						
	Lithium	N/R	ND (0.0054 J)						
	Mercury	0.002	ND						
	Molybdenum	N/R	ND						
	Radium	5	0.866 U						
	Selenium	0.05	ND						
Thallium	0.002	ND							

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- NS indicates not sampled due to resampling for selected constituents on this date . * indicates a resample event

**Plant McDonough 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								
		DGWA-70A	DGWA-70A	DGWA-70A	DGWA-70A	DGWA-70A	DGWA-70A	DGWA-70A	DGWA-70A	
		5/15/2017	6/15/2017	7/11/2017	8/8/2017	10/24/2017	2/27/2018			
APPENDIX III	Boron	N/R	ND (0.0073 J)	ND	ND	ND	ND (0.0082 J)	ND (0.0062 J)		
	Calcium	N/R	6.50	5.38	5.96	5.20	4.93	ND		
	Chloride	(250)	2.2	2.0	2.1	2.2	2.4	2.5		
	Fluoride	4	ND (0.005 J)	ND (0.02 J)	ND (0.06 J)	ND (0.04 J)	ND	ND		
	Sulfate	(250)	1.0	ND (0.86 J)	1.4	1.5	1.4	ND (0.54 J)		
	TDS	(500)	88	65	25	53	49	43		
APPENDIX IV	Antimony	0.006	ND	ND	ND	ND	ND	ND		
	Arsenic	0.01	ND	ND	ND	ND	ND	ND		
	Barium	2	0.0181	0.0277	0.0306	0.0277	0.0333	0.0341		
	Beryllium	0.004	ND	ND	ND	ND	ND	ND		
	Cadmium	0.005	ND	ND	ND	ND	ND	ND		
	Chromium	0.1	ND (0.0006 J)	ND (0.0006 J)	ND (0.0005 J)	ND (0.0005 J)	ND (0.0005 J)	ND		
	Cobalt	N/R	ND (0.0024 J)	ND (0.0014 J)	ND (0.0007 J)	ND (0.0007 J)	ND	ND		
	Lead	0.015	ND (0.0001 J)	ND (0.0002 J)	ND	ND (0.00007 J)	ND	ND		
	Lithium	N/R	ND (0.0020 J)	ND	ND	ND	ND	ND		
	Mercury	0.002	ND	ND (0.00007 J)	ND	ND	ND	ND		
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND		
	Radium	5	0.288 U	1.01 U	0.254 U	1.48	0.472 U	1.22		
	Selenium	0.05	ND	ND	ND	ND	ND	ND		
Thallium	0.002	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.
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**Plant McDonough 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							
		DGWA-71	DGWA-71	DGWA-71	DGWA-71	DGWA-71	DGWA-71	DGWA-71	DGWA-71
		3/28/2017	5/12/2017	6/16/2017	7/11/2017	10/24/2017	11/15/2017*	2/27/2018	
APPENDIX III	Boron	N/R	ND (0.0097 J)	ND (0.0082 J)	ND (0.0085 J)	ND (0.0077 J)	ND (0.0083 J)	NS	ND (0.0069 J)
	Calcium	N/R	8.31	8.04	7.66	7.71	6.86	NS	ND
	Chloride	(250)	3.6	3.8	3.4	3.1	3.2	3.1	3.2
	Fluoride	4	ND (0.06 J)	ND	ND (0.008 J)	ND (0.007 J)	ND	ND	ND
	Sulfate	(250)	17	17	11	11	9.6	7.8	7.4
	TDS	(500)	90	92	100	59	117	90	79
APPENDIX IV	Antimony	0.006	ND (0.0007 J)	ND	ND (0.0007 J)	ND	ND	NS	ND
	Arsenic	0.01	ND	ND (0.0004 J)	ND	ND	ND	NS	ND
	Barium	2	0.0378	0.0400	0.0369	0.0362	0.0313	NS	0.0287
	Beryllium	0.004	ND (0.00009 J)	ND	ND (0.0001 J)	ND	ND	NS	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	NS	ND
	Chromium	0.1	ND (0.0023 J)	ND (0.0004 J)	ND (0.0005 J)	ND	ND	NS	ND
	Cobalt	N/R	ND (0.0033 J)	ND (0.0016 J)	ND (0.0011 J)	ND (0.0008 J)	ND (0.0004 J)	NS	ND
	Lead	0.015	ND	ND (0.00008 J)	ND	ND	ND	NS	ND
	Lithium	N/R	ND (0.0025 J)	ND (0.0016 J)	ND (0.0016 J)	ND	ND	NS	ND (0.0013 J)
	Mercury	0.002	ND	ND (0.00006 J)	ND (0.00007 J)	ND	ND	NS	ND
	Molybdenum	N/R	ND (0.0009 J)	ND	ND	ND	ND	NS	ND
	Radium	5	0.257 U	0.165 U	0.732 U	0.461 U	0.724 U	NS	0.714 U
	Selenium	0.05	ND	ND	ND	ND	ND	NS	ND
Thallium	0.002	ND (0.00006 J)	ND	ND	ND	ND	NS	ND	

Notes:

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