

**Plant Kraft 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 | | | | | | | | | | |
|--------------|----------------|---------------|---------------|----------------|-------|-------|-------|-------|-------|--|--|--|
| | | KMW-1 | KMW-1 | KMW-1 | KMW-1 | KMW-1 | KMW-1 | KMW-1 | KMW-1 | | | |
| | | 9/1/2016 | 1/30/2017 | | | | | | | | | |
| APPENDIX III | Boron | N/R | 0.989 | 1.06 | | | | | | | | |
| | Calcium | N/R | 119 | 127 | | | | | | | | |
| | Chloride | (250) | 1300 | 1500 | | | | | | | | |
| | Fluoride | 4 | 0.6 | 0.65 | | | | | | | | |
| | Sulfate | (250) | 240 | 320 | | | | | | | | |
| | TDS | (500) | 2820 | 2850 | | | | | | | | |
| APPENDIX IV | Antimony | 0.006 | ND | ND | | | | | | | | |
| | Arsenic | 0.01 | 0.0081 | 0.0073 | | | | | | | | |
| | Barium | 2 | 0.0614 | 0.0448 | | | | | | | | |
| | Beryllium | 0.004 | ND (0.0021 J) | 0.0032 | | | | | | | | |
| | Cadmium | 0.005 | ND (0.0001 J) | ND (0.0002 J) | | | | | | | | |
| | Chromium | 0.1 | ND | ND (0.0032 J) | | | | | | | | |
| | Cobalt | N/R | 0.021 | 0.0248 | | | | | | | | |
| | Lead | 0.015 | ND (0.0002 J) | ND (0.0014 J) | | | | | | | | |
| | Lithium | N/R | ND (0.0172 J) | ND (0.0178 J) | | | | | | | | |
| | Mercury | 0.002 | ND | ND (0.00006 J) | | | | | | | | |
| | Molybdenum | N/R | ND | ND | | | | | | | | |
| | Radium | 5 | 7.40 | 11.5 | | | | | | | | |
| | Selenium | 0.05 | ND (0.005 J) | ND (0.0092 J) | | | | | | | | |
| Thallium | 0.002 | ND (0.0004 J) | ND (0.0008 J) | | | | | | | | | |

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| Substance | MCL/ (SMCL) | Well ID | | | | | | | | |
|--------------|----------------|----------|---------------|---------------|-------|-------|-------|-------|-------|--|
| | | KMW-2 | KMW-2 | KMW-2 | KMW-2 | KMW-2 | KMW-2 | KMW-2 | KMW-2 | |
| | | 9/1/2016 | 1/30/2017 | | | | | | | |
| APPENDIX III | Boron | N/R | 0.349 | 0.460 | | | | | | |
| | Calcium | N/R | 8.9 | 6.66 | | | | | | |
| | Chloride | (250) | 120 | 82 | | | | | | |
| | Fluoride | 4 | ND (0.12 J) | ND (0.13 J) | | | | | | |
| | Sulfate | (250) | 73 | 80 | | | | | | |
| | TDS | (500) | 286 | 259 | | | | | | |
| APPENDIX IV | Antimony | 0.006 | ND | ND | | | | | | |
| | Arsenic | 0.01 | 0.0095 | 0.0374 | | | | | | |
| | Barium | 2 | 0.0666 | 0.0530 | | | | | | |
| | Beryllium | 0.004 | ND | ND | | | | | | |
| | Cadmium | 0.005 | ND | ND | | | | | | |
| | Chromium | 0.1 | ND | ND (0.0017 J) | | | | | | |
| | Cobalt | N/R | ND | ND | | | | | | |
| | Lead | 0.015 | ND | ND | | | | | | |
| | Lithium | N/R | ND (0.0044 J) | ND (0.0033 J) | | | | | | |
| | Mercury | 0.002 | ND | ND | | | | | | |
| | Molybdenum | N/R | ND | ND | | | | | | |
| | Radium | 5 | 1.39 | 1.03 | | | | | | |
| | Selenium | 0.05 | ND | ND | | | | | | |
| Thallium | 0.002 | ND | ND | | | | | | | |

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| Substance | MCL/ (SMCL) | Well ID | | | | | | | | | |
|--------------|----------------|----------|---------------|----------------|-------|-------|-------|-------|-------|--|--|
| | | KMW-5 | KMW-5 | KMW-5 | KMW-5 | KMW-5 | KMW-5 | KMW-5 | KMW-5 | | |
| | | 9/1/2016 | 1/30/2017 | | | | | | | | |
| APPENDIX III | Boron | N/R | 0.695 | 0.784 | | | | | | | |
| | Calcium | N/R | 223 | 159 | | | | | | | |
| | Chloride | (250) | 2200 | 1900 | | | | | | | |
| | Fluoride | 4 | 0.34 | ND (0.11 J) | | | | | | | |
| | Sulfate | (250) | 430 | 530 | | | | | | | |
| | TDS | (500) | 4540 | 3830 | | | | | | | |
| APPENDIX IV | Antimony | 0.006 | ND | ND | | | | | | | |
| | Arsenic | 0.01 | 0.0088 | 0.0062 | | | | | | | |
| | Barium | 2 | 0.0644 | 0.0445 | | | | | | | |
| | Beryllium | 0.004 | ND (0.0007 J) | ND (0.0011 J) | | | | | | | |
| | Cadmium | 0.005 | ND | ND | | | | | | | |
| | Chromium | 0.1 | ND | ND (0.0015 J) | | | | | | | |
| | Cobalt | N/R | 0.0203 | 0.0111 | | | | | | | |
| | Lead | 0.015 | ND (0.0001 J) | ND (0.0004 J) | | | | | | | |
| | Lithium | N/R | ND (0.0173 J) | ND (0.0124 J) | | | | | | | |
| | Mercury | 0.002 | ND | ND (0.00012 J) | | | | | | | |
| | Molybdenum | N/R | ND | ND | | | | | | | |
| | Radium | 5 | 6.08 | 5.80 | | | | | | | |
| | Selenium | 0.05 | ND (0.0036 J) | ND (0.0046 J) | | | | | | | |
| Thallium | 0.002 | ND | ND (0.0004 J) | | | | | | | | |

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| Substance | MCL/ (SMCL) | Well ID | | | | | | | | | |
|--------------|----------------|----------|---------------|-----------------|-------|-------|-------|-------|-------|--|--|
| | | KMW-6 | KMW-6 | KMW-6 | KMW-6 | KMW-6 | KMW-6 | KMW-6 | KMW-6 | | |
| | | 9/1/2016 | 1/30/2017 | | | | | | | | |
| APPENDIX III | Boron | N/R | 0.898 | 0.922 | | | | | | | |
| | Calcium | N/R | 242 | 161 | | | | | | | |
| | Chloride | (250) | 2400 | 2000 | | | | | | | |
| | Fluoride | 4 | ND (0.26 J) | 1.3 | | | | | | | |
| | Sulfate | (250) | 400 | 2600 | | | | | | | |
| | TDS | (500) | 4920 | 3820 | | | | | | | |
| APPENDIX IV | Antimony | 0.006 | ND | ND | | | | | | | |
| | Arsenic | 0.01 | ND (0.002 J) | ND (0.0041 J) | | | | | | | |
| | Barium | 2 | 0.0794 | 0.0314 | | | | | | | |
| | Beryllium | 0.004 | ND (0.0001 J) | ND (0.0028 J) | | | | | | | |
| | Cadmium | 0.005 | ND | ND | | | | | | | |
| | Chromium | 0.1 | ND | ND | | | | | | | |
| | Cobalt | N/R | ND (0.0007 J) | ND (0.0075 J) | | | | | | | |
| | Lead | 0.015 | ND | ND | | | | | | | |
| | Lithium | N/R | ND (0.0418 J) | ND (0.0479 J) | | | | | | | |
| | Mercury | 0.002 | ND | ND (0.000065 J) | | | | | | | |
| | Molybdenum | N/R | ND | ND | | | | | | | |
| | Radium | 5 | 4.31 | 6.90 | | | | | | | |
| | Selenium | 0.05 | ND (0.0021 J) | 0.0110 | | | | | | | |
| Thallium | 0.002 | ND | ND (0.0003 J) | | | | | | | | |

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| Substance | MCL/ (SMCL) | Well ID | | | | | | | | |
|---------------------|----------------|----------|---------------|---------------|-------|-------|-------|-------|-------|--|
| | | KMW-7 | KMW-7 | KMW-7 | KMW-7 | KMW-7 | KMW-7 | KMW-7 | KMW-7 | |
| | | 9/1/2016 | 1/30/2017 | | | | | | | |
| APPENDIX III | Boron | N/R | 0.579 | 0.763 | | | | | | |
| | Calcium | N/R | 44.3 | 36 | | | | | | |
| | Chloride | (250) | 920 | 1000 | | | | | | |
| | Fluoride | 4 | 0.4 | 0.99 | | | | | | |
| | Sulfate | (250) | 310 | 400 | | | | | | |
| | TDS | (500) | 1960 | 2080 | | | | | | |
| APPENDIX IV | Antimony | 0.006 | ND | ND | | | | | | |
| | Arsenic | 0.01 | ND (0.0045 J) | 0.0063 | | | | | | |
| | Barium | 2 | 0.052 | 0.0437 | | | | | | |
| | Beryllium | 0.004 | ND (0.0004 J) | ND (0.0011 J) | | | | | | |
| | Cadmium | 0.005 | ND | ND | | | | | | |
| | Chromium | 0.1 | ND (0.001 J) | ND (0.0018 J) | | | | | | |
| | Cobalt | N/R | ND (0.0014 J) | ND (0.0015 J) | | | | | | |
| | Lead | 0.015 | ND | ND (0.0003 J) | | | | | | |
| | Lithium | N/R | ND (0.0034 J) | ND (0.0043 J) | | | | | | |
| | Mercury | 0.002 | ND | ND | | | | | | |
| | Molybdenum | N/R | ND | ND | | | | | | |
| | Radium | 5 | 7.26 | 6.21 | | | | | | |
| | Selenium | 0.05 | ND (0.003 J) | 0.0165 | | | | | | |
| Thallium | 0.002 | ND | ND | | | | | | | |

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