



2019 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

WEST ASH POND COMPLEX
WOOD RIVER SITE
1 CHESSEN LANE
ALTON, ILLINOIS 62202

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1.0 INTRODUCTION

In accordance with Code of Federal Regulation (CFR) requirements under 40 CFR 257.90(e), ATON Environmental Consulting and Engineering PLLC (ATON) has prepared this report on behalf of CTI Development LLC (CTI) for the 2019 Wood River West Ash Pond Complex in Alton, Illinois. CTI took possession of the power station property on August 30, 2019 from Luminant/Dynegy Midwest Generation, LLC (DMG).

The owner or operator of an existing Coal Combustion Residuals (CCR) unit shall prepare an annual groundwater monitoring and corrective action report, for the preceding calendar year, that documents the status of the groundwater monitoring and corrective action program for the CCR unit. The report should summarize key actions completed, describe any problems encountered, discuss actions to resolve the problems, and key activities for the upcoming year per 40 CFR § 257.90(e). The annual report will minimally cover the following site-specific information:

1. A drawing or diagram showing the CCR unit, the designated background (or upgradient) monitoring wells, and the designated downgradient monitoring wells.
2. Identification and discussion of any monitoring wells that were installed or decommissioned during the preceding year.
3. Provide a summary of groundwater samples taken for the West Ash Pond Complex, including the number of groundwater samples collected for analysis at each of the designated background and downgradient wells, the dates collected, whether the sample was required by the detection monitoring or assessment monitoring programs, and the groundwater monitoring data obtained under 40 CFR 257.90 - 257.98.
4. A discussion of the groundwater monitoring program including:
 - a. Statistical analysis of groundwater data to identify constituents detected at a statistically significant increase over background levels.
 - b. The transition from detection groundwater monitoring to assessment monitoring of constituents identified in the statistical assessment.
5. Other information required to be included in the annual report as specified in 40 CFR 257.90 - 257.98.

2.0 MONITORING & CORRECTIVE ACTION PROGRAM STATUS

As referenced in the 2018 Annual Groundwater Monitoring and Corrective Action Report (NRT/OGB 2019), the West Ash Pond Complex has been in an Assessment Monitoring Program in accordance with 40 CFR 257.94(e)(2). DMG placed the required notification on April 9, 2019.

Assessment monitoring sampling was continued in 2019 during the quarterly sampling events under the direction of DMG and the new owner, CTI. Samples were collected from each of the West Ash Pond Complex designated upgradient and downgradient wells and analyzed for the Appendix III and Appendix IV parameters. The analytical data was evaluated in accordance with the Statistical Analysis Plan (NRT/OBG 2017) provisions to determine if any statistically significant increases (SSIs) of the Appendix III parameters were above the background concentrations and if statistically significant levels (SSLs) of Appendix IV parameters were above the Groundwater Protections Standards (GWPSs).

In 2019, the West Ash Pond Complex entered into the quarterly sampling schedule as outlined with the Groundwater Monitoring Plan (NRT/OBG Oct. 2016) and Closure Plan (AECOM Nov. 2016). Quarterly sampling events were completed by Teklab Inc. on the following dates:

| Q1 Sample Date | Q2 Sample Date | Q3 Sample Date | Q4 Sample Date |
|-------------------|-------------------|-------------------|-------------------|
| 2/19/2019 | 5/29/2019 | 9/20/2019 | 11/19/2019 |

Assessment Monitoring Program Summary November 2017 – November 2019

| Well ID | Appendix III - SSIs | | Appendix IV - SSLs | |
|---------|--|-----------------------------------|--------------------|-----------|
| | Trend | UCL Value | Trend | UCL Value |
| 02 | All Trends Decreasing or Statistically Insignificant | Boron & Sulfate Above Background | None | N/A |
| 04 | Increasing Trend for Fluoride Only | Fluoride Below Background | None | N/A |
| 32R | Increasing Trend for Boron Only | Boron Above Background | None | N/A |
| 34 | All Trends Decreasing or Statistically Insignificant | Boron & Fluoride Above Background | None | N/A |

The Statistical Background Values for the SSIs evaluation from Appendix III are summarized in Table A. The GWPSs for the SSLs evaluation from Appendix IV are summarized in Table B.

Table A - Statistical Background Values

| Parameter | Statistical Background Value |
|---------------------|------------------------------|
| Appendix III | |
| Boron (mg/L) | 1.17 |
| Calcium (mg/L) | 667.381 |
| Chloride (mg/L) | 3316 |
| Fluoride (mg/L) | 0.4 |
| pH (S.U.) | 6.4 / 7.4 |
| Sulfate (mg/L) | 279 |
| TDS (mg/L) | 7629 |

Notes:

mg/L = milligrams per liter

S.U. = Standard Units

TDS = Total Dissolved Solids

Table B - Groundwater Protection Standards

| Parameter | Groundwater Protection Standard |
|------------------------|---------------------------------|
| Appendix IV | |
| Antimony (mg/L) | 0.006 |
| Arsenic (mg/L) | 0.0574 |
| Barium (mg/L) | 2 |
| Beryllium (mg/L) | 0.004 |
| Cadmium (mg/L) | 0.005 |
| Chromium (mg/L) | 0.10 |
| Cobalt (mg/L) | 0.006 |
| Fluoride (mg/L) | 4 |
| Lead (mg/L) | 0.015 |
| Lithium (mg/L) | 0.171 |
| Mercury (mg/L) | 0.002 |
| Molybdenum (mg/L) | 0.10 |
| Selenium (mg/L) | 0.05 |
| Thallium (mg/L) | 0.002 |
| Radium 226+228 (pCi/L) | 5 |

Notes:

mg/L = milligrams per liter

pCi/L = picoCuries per liter

3.0 ACTIONS COMPLETED IN 2019

As previously noted, a quarterly groundwater sampling event was completed for the West Ash Pond Complex in 2019 under the Assessment Monitoring Program. A summary of the analytical data and statistical analyses are found in Appendix B - Tables 1 and 2.

Appendix A - Figure 1 displays the designated groundwater well system for the West Ash Pond Complex.

4.0 PROBLEMS ENCOUNTERED & CORRECTIVE ACTIONS

Performance and assessment of the designated groundwater well system for the West Ash Pond Complex encountered no issues during 2019. Guidelines in the Sampling and Analysis Plan (NRT/OGB, 2017) were followed during the collection and analysis of the representative samples.

5.0 2020 PLANNED ACTIONS

The following actions are planned for 2020:

- The continuation of Assessment Monitoring Program of the West Ash Pond Complex with quarterly sampling events.
- The continuation of statistical evaluation of the collected analytical data from the designated groundwater well system to determine if any SSLs for Appendix IV parameters has occurred.
- If an SSL has been identified, an assessment of “potential alternative sources” will be completed. A “potential alternative source” is one other than the referenced CCR unit that could have caused the SSL or the SSL resulted from an error in one of the following processes: sample collection, sample analysis, statistical evaluation, or a possible variation/change in the groundwater systems quality.
 - If an alternative source is causing the SSL, a documented demonstration will be completed within 90 days after the SSL discovery and included in the Groundwater Monitoring and Corrective Action report for that year.
 - If an alternative source is not the cause of the SSL, the procedure and requirements in 40 CFR 257.94 - 257.98 as applicable will be met. This also includes completion of the appropriate notifications required by 40 CFR 257.105 - 257.108.

6.0 REFERENCES

AECOM, November 28, 2016. Closure and Post-Closure Care Plan for the Wood River West Ash Complex at Dynegy Midwest Generation, LLC., Wood River Power Station.

Natural Resource Technology, Inc. (NRT), October 19, 2016. Groundwater Monitoring Plan, West Ash Pond Complex, Wood River Power Station, Alton, Illinois.

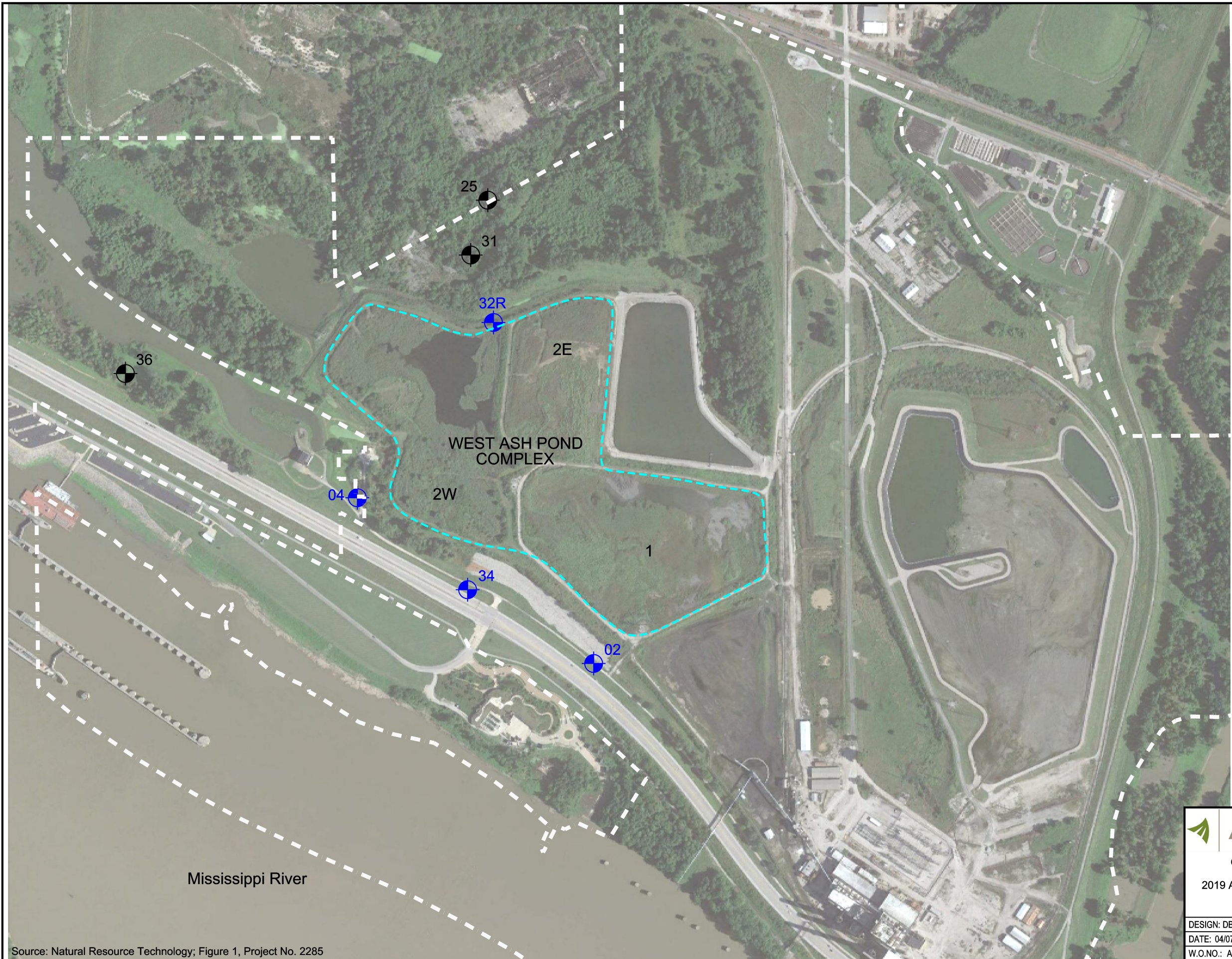
NRT/OBG, October 17, 2017. Sampling and Analysis Plan, West Ash Pond Complex, Wood River Power Station, Alton, Illinois.

NRT/OBG, October 17, 2017. Statistical Analysis Plan, Wood River Power Station, Alton, Illinois.





USEPA, April 17, 2015. 40 CFR Parts 257 and 261. Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule.

APPENDIX A

FIGURES

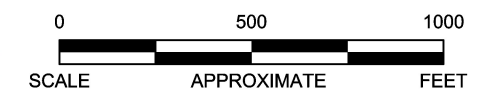



LEGEND

-  DOWNGRADIENT MONITORING MONITORING WELL LOCATION
-  BACKGROUND MONITORING WELL LOCATION
-  WEST IMPOUNDMENT
-  PROPERTY BOUNDARY (BASED ON 1997 SURVEY DATA)

Notes:

1. Figure base map modified after Natural Resource Technology, 2017.
2. Reference elevation data developed by others, 2015.
3. Field and analytical data provided by Teklabs, 2019.
4. Soil boring/well installations provided by various contractors, 1994-2004.
5. Well locations are approximate.





ATON

FIGURE 1
 GROUNDWATER WELL SAMPLING LOCATION MAP
 Designated Wells for West Ash Pond Complex
 2019 Annual Groundwater Monitoring and Corrective Action Report
 CTI Development LLC
 Former Wood River Power Plant - Alton, IL

| | | |
|--|-----------------|-----------|
| DESIGN: DB | DRAWN: LMC | CHKD.: DB |
| DATE: 04/07/2020 | SCALE: AS SHOWN | REV.: |
| W.O.NO.: ATONWOOD RIVER FIG 1 GW WELL SAMP LOC MAP WEST POND | | |

APPENDIX B

TABLES

Table 1
Summary of Analytical Analyses - Appendix III
West Ash Pond Complex

| Sample Location | Date Sampled | Boron (mg/L) | Calcium (mg/L) | Chloride (mg/L) | Fluoride (mg/L) | pH (S.U.) | Sulfate (mg/L) | TDS (mg/L) |
|---|--------------------------------------|--------------|----------------|-----------------|-----------------|------------------|----------------|-------------|
| | Background values | 1.17 | 667.381 | 3316 | 0.4 | 6.4 / 7.4 | 279 | 7629 |
| Background / Upgradient Monitoring Wells | | | | | | | | |
| 25 | 11/2/2017 | 0.676 | 283 | 129 | 0.36 | 7.3 | 227 | 1300 |
| | 5/2/2018 | 0.41 | 177 | 148 | 0.41 | 6.70 | 130 | 906 |
| | 8/1/2018 | 0.48 | 188 | 148 | 0.43 | 6.90 | 137 | 998 |
| | 2/19/2019 | 0.37 | 133 | 97 | 0.43 | 6.98 | 72 | 716 |
| | 5/29/2019 | 0.32 | 131 | 99 | 0.45 | 6.97 | 63 | 688 |
| | 9/20/2019 | 0.43 | 165 | 100 | 0.46 | 6.78 | 79 | 858 |
| | 11/19/2019 | 0.49 | 176 | 142 | 0.43 | 6.83 | 122 | 912 |
| 31 | 11/2/2017 | 0.885 | 224 | 1090 | 0.28 | 7.5 | 190 | 3120 |
| | 5/2/2018 | 0.74 | 331 | 1320 | 0.33 | 6.70 | 287 | 3720 |
| | 8/1/2018 | 0.82 | 248 | 1150 | 0.32 | 7.00 | 244 | 3460 |
| | 2/19/2019 | 1.12 | 220 | 572 | 0.29 | 7.00 | 176 | 2460 |
| | 5/29/2019 | 0.99 | 256 | 910 | 0.30 | 6.87 | 178 | 2960 |
| | 9/20/2019 | 1.11 | 311 | 1020 | 0.28 | 6.54 | 174 | 3600 |
| | 11/19/2019 | 1.09 | 353 | 1300 | 0.25 | 6.72 | 192 | 3690 |
| 36 | 11/2/2017 | 0.107 | 75.2 | 45 | 0.24 | 7.4 | <10 | 370 |
| | 5/2/2018 | 0.14 | 99 | 48 | 0.24 | 6.20 | 7 | 392 |
| | 7/31/2018 | 0.12 | 75 | 50 | 0.24 | 7.00 | 10 | 384 |
| | 2/19/2019 | 0.11 | 77 | 46 | 0.26 | 7.09 | 13 | 372 |
| | 9/20/2019 | 0.09 | 66 | 40 | 0.28 | 7.08 | 11 | 334 |
| | 11/19/2019 | 0.11 | 66.4 | 40 | 0.26 | 7.18 | 15 | 316 |
| | Downgradient Monitoring Wells | | | | | | | |
| 2 | 11/2/2017 | 4.47 | 196 | 76 | 0.17 | 7.5 | 230 | 982 |
| | 5/2/2018 | 5.53 | 221 | 53 | 0.15 | 6.20 | 212 | 968 |
| | 8/1/2018 | 4.13 | 192 | 62 | 0.15 | 6.70 | 231 | 982 |
| | 2/19/2019 | 3.76 | 202 | 69 | 0.15 | 6.80 | 229 | 992 |
| | 5/29/2019 | 2.64 | 176 | 67 | 0.17 | 6.74 | 177 | 828 |
| | 9/20/2019 | 1.75 | 147 | 60 | 0.17 | 6.58 | 134 | 786 |
| | 11/19/2019 | 1.67 | 153 | 66 | 0.15 | 6.74 | 134 | 786 |
| 4 | 11/2/2017 | 0.40 | 199 | 61 | 0.16 | 7.4 | <10 | 788 |
| | 5/2/2018 | 0.39 | 226 | 59 | 0.18 | 6.20 | 10 | 782 |
| | 7/31/2018 | 0.35 | 194 | 46 | 0.18 | 6.90 | <10 | 818 |
| | 2/19/2019 | 0.33 | 197 | 35 | 0.21 | 6.92 | 10 | 778 |
| | 5/29/2019 | 0.36 | 199 | 35 | 0.18 | 6.85 | 7 | 772 |
| | 9/20/2019 | 0.36 | 182 | 37 | 0.19 | 6.72 | <50 | 748 |
| | 11/19/2019 | 0.35 | 171 | 51 | 0.20 | 6.87 | 6 | 702 |
| 32R | 11/2/2017 | 0.72 | 100 | 91 | 0.35 | 7.5 | 76 | 624 |
| | 5/2/2018 | 1.71 | 204 | 226 | 0.36 | 6.50 | 108 | 1,190 |
| | 8/1/2018 | 1.30 | 135 | 132 | 0.33 | 6.80 | 95 | 826 |
| | 2/19/2019 | 2.29 | 140 | 85 | 0.27 | 6.92 | 105 | 748 |
| | 5/29/2019 | 1.70 | 99.5 | 66 | 0.35 | 6.91 | 76 | 610 |
| | 9/19/2019 | 3.61 | 117 | 29 | 0.21 | 6.71 | 93 | 588 |
| | 11/19/2019 | 3.41 | 104 | 61 | 0.24 | 6.72 | 102 | 600 |
| 34 | 11/2/2017 | 1.51 | 254 | 152 | 0.52 | 7.4 | <10 | 1,060 |
| | 5/2/2018 | 2.33 | 191 | 182 | 0.69 | 6.20 | 10 | 946 |
| | 7/31/2018 | 2.36 | 200 | 178 | 0.67 | 6.80 | <10 | 972 |
| | 2/19/2019 | 2.21 | 221 | 179 | 0.67 | 6.86 | <10 | 1,000 |
| | 5/29/2019 | 1.63 | 206 | 108 | 0.52 | 6.89 | 9 | 762 |
| | 9/20/2019 | 0.79 | 151 | 69 | 0.41 | 6.76 | <50 | 662 |
| | 11/19/2019 | 0.86 | 168 | 87 | 0.42 | 6.90 | 6 | 722 |

Table 2
Summary of Analytical Analyses - Appendix IV
West Ash Pond Complex

| Sample Location | Date Sampled | Sb, total (mg/L) | As, total (mg/L) | Ba, total (mg/L) | Be, total (mg/L) | Cd, total (mg/L) | Cr, total (mg/L) | Co, total (mg/L) | F, total (mg/L) | Pb, total (mg/L) | Li, total (mg/L) | Hg, total (mg/L) | Mo, total (mg/L) | Ra 226/228 Combined (pCi/L) | Se, total (mg/L) | Tl, total (mg/L) |
|---|--------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|------------------|------------------|-----------------------------|------------------|------------------|
| | GWPS | 0.006 | 0.0574 | 2 | 0.004 | 0.005 | 0.1 | 0.006 | 4 | 0.015 | 0.171 | 0.002 | 0.1 | 5 | 0.05 | 0.002 |
| Background / Upgradient Monitoring Wells | | | | | | | | | | | | | | | | |
| 25 | 5/2/2018 | 0.001 | 0.0339 | 0.212 | <0.001 | 0.0023 | 0.0015 | 0.0024 | 0.41 | 0.0024 | 0.036 | <0.0002 | 0.0027 | 0.54 | 0.0012 | <0.002 |
| | 8/1/2018 | <0.001 | 0.0038 | 0.132 | NA | <0.001 | <0.0015 | 0.0012 | 0.43 | <0.001 | 0.0385 | NA | 0.003 | 0.73 | <0.001 | NA |
| | 2/19/2019 | <0.001 | 0.004 | 0.102 | <0.001 | <0.001 | <0.002 | 0.002 | 0.43 | <0.001 | 0.029 | <0.0002 | 0.005 | 0.19 | <0.001 | <0.002 |
| | 5/29/2019 | 0.0005 | 0.0048 | 0.106 | <0.001 | 0.0017 | <0.0015 | 0.0019 | 0.45 | 0.0011 | 0.0281 | <0.0002 | 0.0047 | 0.38 | <0.001 | <0.002 |
| | 9/20/2019 | <0.001 | 0.0029 | 0.124 | <0.001 | <0.001 | <0.0015 | <0.001 | 0.46 | <0.001 | 0.034 | <0.0002 | 0.0055 | 0.14 | <0.001 | <0.002 |
| 11/19/2019 | <0.001 | 0.005 | 0.133 | <0.001 | <0.001 | <0.0015 | 0.0012 | 0.43 | <0.001 | 0.039 | <0.0002 | 0.0048 | 0.27 | <0.001 | <0.002 | |
| 31 | 5/2/2018 | 0.001 | 0.0022 | 0.181 | <0.001 | 0.001 | <0.0015 | 0.001 | 0.33 | <0.001 | 0.1 | <0.0002 | 0.0063 | 2.96 | 0.0217 | <0.002 |
| | 8/1/2018 | <0.001 | 0.0023 | 0.182 | NA | <0.001 | 0.0039 | <0.001 | 0.32 | <0.001 | 0.0903 | NA | 0.0066 | 1.43 | 0.0256 | NA |
| | 2/19/2019 | <0.001 | 0.002 | 0.162 | <0.001 | <0.001 | <0.002 | <0.001 | 0.29 | <0.001 | 0.059 | <0.0002 | 0.006 | 1.28 | 0.036 | <0.002 |
| | 5/29/2019 | 0.0005 | 0.0015 | 0.145 | <0.001 | 0.0002 | <0.0015 | 0.0002 | 0.3 | <0.001 | 0.081 | <0.0002 | 0.0048 | 0.00123 | 0.0252 | <0.002 |
| | 9/20/2019 | <0.001 | 0.0012 | 0.14 | <0.001 | <0.001 | <0.0015 | <0.001 | 0.28 | <0.001 | 0.0921 | <0.0002 | 0.0036 | 0.74 | 0.03 | <0.002 |
| 11/19/2019 | <0.001 | 0.0009 | 0.158 | <0.001 | 0.0006 | <0.0015 | 0.0002 | 0.25 | <0.001 | 0.102 | <0.0002 | 0.0035 | 2.88 | 0.0262 | <0.002 | |
| 36 | 5/2/2018 | <0.001 | 0.0028 | 0.343 | <0.001 | <0.001 | <0.0015 | 0.001 | 0.24 | <0.001 | 0.0042 | <0.0002 | <0.0015 | 2.41 | <0.001 | <0.002 |
| | 7/31/2018 | <0.001 | 0.0023 | 0.3 | NA | <0.001 | <0.0015 | <0.001 | 0.24 | <0.001 | 0.004 | NA | <0.0015 | 0.6 | <0.001 | NA |
| | 2/19/2019 | <0.001 | 0.003 | 0.35 | <0.001 | <0.001 | <0.002 | <0.001 | 0.26 | <0.001 | 0.004 | <0.0002 | 0.002 | 0.82 | <0.001 | <0.002 |
| | 9/20/2019 | <0.001 | 0.0017 | 0.227 | <0.001 | <0.001 | <0.0015 | <0.001 | 0.28 | <0.001 | 0.0039 | <0.0002 | <0.0015 | 0.81 | <0.001 | <0.002 |
| 11/19/2019 | <0.001 | 0.0021 | 0.242 | <0.001 | <0.001 | <0.0015 | 0.0001 | 0.26 | <0.001 | 0.0039 | <0.0002 | <0.0015 | 0.85 | <0.001 | <0.002 | |
| Downgradient Monitoring Wells | | | | | | | | | | | | | | | | |
| 2 | 5/2/2018 | <0.001 | 0.0025 | 0.111 | <0.001 | <0.001 | <0.0015 | 0.002 | 0.15 | <0.001 | 0.0292 | <0.0002 | 0.0015 | 0.42 | <0.001 | <0.002 |
| | 8/1/2018 | <0.001 | 0.0021 | 0.0927 | NA | <0.001 | <0.0015 | 0.0017 | 0.15 | <0.001 | 0.0235 | NA | <0.0015 | 0.53 | <0.001 | NA |
| | 2/19/2019 | <0.001 | 0.002 | 0.097 | <0.001 | <0.001 | <0.002 | <0.001 | 0.15 | <0.001 | 0.025 | <0.0002 | <0.002 | 0.13 | <0.001 | <0.002 |
| | 5/29/2019 | <0.001 | 0.0016 | 0.103 | <0.001 | <0.001 | <0.0015 | 0.0031 | 0.17 | <0.001 | 0.0221 | <0.0002 | 0.0009 | 0.34 | <0.001 | <0.002 |
| | 9/20/2019 | <0.001 | 0.0016 | 0.0649 | <0.001 | <0.001 | <0.0015 | 0.0021 | 0.17 | <0.001 | 0.0204 | <0.0002 | <0.0015 | 0.09 | <0.001 | <0.002 |
| 11/19/2019 | <0.001 | 0.0013 | 0.0618 | <0.001 | <0.001 | <0.0015 | 0.0017 | 0.15 | <0.001 | 20.7 | <0.0002 | 0.0007 | 0.76 | <0.001 | <0.002 | |
| 4 | 5/2/2018 | <0.001 | 0.0321 | 0.33 | <0.001 | <0.001 | <0.0015 | 0.001 | 0.18 | <0.001 | 0.0026 | <0.0002 | 0.0015 | 0.57 | 0.001 | <0.002 |
| | 7/31/2018 | <0.001 | 0.0283 | 0.279 | NA | <0.001 | <0.0015 | <0.001 | 0.18 | <0.001 | 0.0028 | NA | <0.0015 | 0.29 | <0.001 | NA |
| | 2/19/2019 | <0.001 | 0.039 | 0.333 | <0.001 | <0.001 | <0.002 | <0.001 | 0.21 | <0.001 | 0.003 | <0.0002 | <0.002 | 0.4 | <0.001 | <0.002 |
| | 5/29/2019 | <0.001 | 0.0215 | 0.28 | <0.001 | <0.001 | <0.0015 | 0.0005 | 0.18 | <0.001 | 0.003 | <0.0002 | 0.0008 | 1.41 | <0.001 | <0.002 |
| | 9/20/2019 | <0.001 | 0.0292 | 0.306 | <0.001 | <0.001 | <0.0015 | <0.001 | 0.19 | <0.001 | <0.003 | <0.0002 | <0.0015 | 0.58 | <0.001 | <0.002 |
| 11/19/2019 | <0.001 | 0.0345 | 0.309 | <0.001 | <0.001 | <0.0015 | 0.0004 | 0.2 | <0.001 | 0.0027 | <0.0002 | 0.0008 | 1.3 | <0.001 | <0.002 | |
| 32R | 5/2/2018 | 0.001 | 0.001 | 0.314 | <0.001 | <0.001 | <0.0015 | 0.001 | 0.36 | <0.001 | 0.0271 | <0.0002 | 0.0225 | 1.77 | 0.0287 | <0.002 |
| | 8/1/2018 | <0.001 | <0.001 | 0.182 | NA | <0.001 | <0.0015 | <0.001 | 0.33 | <0.001 | 0.021 | NA | 0.0158 | 1.42 | 0.0158 | NA |
| | 2/19/2019 | <0.001 | <0.001 | 0.174 | <0.001 | <0.001 | <0.002 | <0.001 | 0.27 | <0.001 | 0.02 | <0.0002 | 0.012 | 1.19 | 0.007 | <0.002 |
| | 5/29/2019 | 0.0005 | 0.0006 | 0.155 | <0.001 | <0.001 | <0.0015 | <0.001 | 0.35 | <0.001 | 0.0164 | <0.0002 | 0.0172 | 0.86 | 0.0057 | <0.002 |
| | 9/19/2019 | <0.001 | <0.001 | 0.132 | <0.001 | <0.001 | <0.0015 | <0.001 | 0.21 | <0.001 | 0.0149 | <0.0002 | 0.0055 | 0.49 | 0.0015 | <0.002 |
| 11/19/2019 | <0.001 | 0.0007 | 0.156 | <0.001 | <0.001 | <0.0015 | 0.0002 | 0.24 | <0.001 | 0.0184 | <0.0002 | 0.0103 | 1.48 | 0.0011 | <0.002 | |
| 34 | 5/2/2018 | <0.001 | 0.0153 | 0.356 | <0.001 | <0.001 | <0.0015 | 0.001 | 0.69 | <0.001 | 0.0022 | <0.0002 | 0.0015 | 1.46 | <0.001 | <0.002 |
| | 7/31/2018 | <0.001 | 0.0156 | 0.347 | NA | <0.001 | <0.0015 | <0.001 | 0.67 | <0.001 | 0.0028 | NA | <0.0015 | 0.9 | <0.001 | NA |
| | 2/19/2019 | <0.001 | 0.015 | 0.399 | <0.001 | <0.001 | <0.002 | <0.001 | 0.67 | <0.001 | 0.003 | <0.0002 | <0.002 | 0.66 | <0.001 | <0.002 |
| | 5/29/2019 | <0.001 | 0.0692 | 0.355 | <0.001 | <0.001 | <0.0015 | 0.0004 | 0.52 | <0.001 | 0.0024 | <0.0002 | 0.0024 | 2.0 | <0.001 | <0.002 |
| | 9/20/2019 | <0.001 | 0.0307 | 0.278 | <0.001 | <0.001 | <0.0015 | <0.001 | 0.41 | <0.001 | <0.003 | <0.0002 | <0.0015 | 0.21 | <0.001 | <0.002 |
| 11/19/2019 | <0.001 | 0.0437 | 0.3 | <0.001 | <0.001 | <0.0015 | 0.0003 | 0.42 | <0.001 | 0.0021 | <0.0002 | 0.0012 | 0.71 | <0.001 | <0.002 | |

Notes:
mg/L = milligrams per liter
S.U. = Standard Units
TDS = Total Dissolved Solids
< = Concentration is less than the reporting limit