



Illinois Power Resources Generating, LLC
1500 Eastport Plaza Drive
Collinsville, IL 62234

October 12, 2024

Illinois Environmental Protection Agency
DWPC – Permits MC#15
Attn: Part 845 Coal Combustion Residual Rule Submittal
1021 North Grand Avenue East
Springfield, IL 62794

Re: Edwards Power Plant Ash Pond; IEPA ID #W1438050005-01

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Illinois Power Resources Generating, LLC is submitting groundwater monitoring data for the Quarter 3, 2024 sampling event at the Edwards Power Plant Ash Pond, identified by Illinois Environmental Protection Agency (IEPA) ID No. W1438050005-01. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine statistical exceedances of the GWPSs.

The date of this submittal is considered to be the date that exceedances of the GWPSs were detected. This notification of exceedances of the GWPSs in 35 I.A.C. § 845.600 will be placed in the facility's operating record within 30 days as required by 35 I.A.C. § 845.800(d)(16).

A Corrective Measures Assessment (CMA) for the Ash Pond was initiated on December 7, 2023, completed, and submitted to IEPA on June 4, 2024, in accordance with 35 I.A.C. § 845.660. The CMA was the first step towards developing a Corrective Action Plan which will ultimately select a remedy to address all releases from the Ash Pond. The selected remedy will meet the performance standards of 35 I.A.C. § 845.670(d) and the Corrective Action Plan will be submitted to the Agency on or before June 4, 2025. Once implemented and completed, the selected remedy will attain the GWPSs.

Sincerely,

A handwritten signature in blue ink that reads 'Dianna Tickner'.

Dianna Tickner, PE, PMP
Senior Director, Demolition and Decommission

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 3, 2024, Ash Pond, Edwards Power Plant, Bartonville, Illinois

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES
QUARTER 3, 2024
ASH POND, EDWARDS POWER PLANT, BARTONVILLE, ILLINOIS

October 12, 2024

Samples were collected between July 15 and 18, 2024 and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on August 13, 2024.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 3, 2024 sampling event. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 3, 2024 sampling event.

Statistical procedures used to evaluate groundwater results are provided in Appendix A of the Groundwater Monitoring Plan¹ included in the operating permit application. In accordance with 35 I.A.C. § 845.610(b)(3)(B), the Quarter 3, 2024 groundwater monitoring data were evaluated for statistical exceedances over background levels for the constituents listed in 35 I.A.C. § 845.600. **Attachment C** shows the statistically derived values compared to background levels.

In accordance with 35 I.A.C. § 845.610(b)(3)(C), the statistically derived values identified as Statistical Results in **Table 2** were compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine statistical exceedances of the GWPS, as shown in **Table 2**. The date of this submittal is considered to be the date that the exceedances were detected.

TABLES

Table 1	Field Parameters and Analytical Results - Quarter 3, 2024
Table 2	Comparison of Statistical Results to GWPS - Quarter 3, 2024

FIGURES

Figure 1	Monitoring Well Location Map
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ATTACHMENTS

Attachment A	Groundwater Elevation Data - Quarter 3, 2024
Attachment B	Laboratory Reports and Field Data Sheets - Quarter 3, 2024
Attachment C	Comparison of Statistical Results to Background - Quarter 3, 2024

¹ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2021. *Groundwater Monitoring Plan. Ash Pond. Edwards Power Plant. Bartonville, Illinois. October 25, 2021.*

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AP05S	Background	E006	07/18/2024	Antimony, total	0.00043 U	mg/L
AP05S	Background	E006	07/18/2024	Arsenic, total	0.00069 U	mg/L
AP05S	Background	E006	07/18/2024	Barium, total	1.10	mg/L
AP05S	Background	E006	07/18/2024	Beryllium, total	0.00059 U	mg/L
AP05S	Background	E006	07/18/2024	Boron, total	0.360	mg/L
AP05S	Background	E006	07/18/2024	Cadmium, total	0.00074 U	mg/L
AP05S	Background	E006	07/18/2024	Calcium, total	98.0	mg/L
AP05S	Background	E006	07/18/2024	Chloride, total	47.0	mg/L
AP05S	Background	E006	07/18/2024	Chromium, total	0.0028 U	mg/L
AP05S	Background	E006	07/18/2024	Cobalt, total	0.0013 J	mg/L
AP05S	Background	E006	07/18/2024	Dissolved Oxygen	0.960	mg/L
AP05S	Background	E006	07/18/2024	Fluoride, total	0.25 UJ	mg/L
AP05S	Background	E006	07/18/2024	Lead, total	0.00036 J	mg/L
AP05S	Background	E006	07/18/2024	Lithium, total	0.0300	mg/L
AP05S	Background	E006	07/18/2024	Mercury, total	0.00014 U	mg/L
AP05S	Background	E006	07/18/2024	Molybdenum, total	0.00074 U	mg/L
AP05S	Background	E006	07/18/2024	Oxidation Reduction Potential	-143	mV
AP05S	Background	E006	07/18/2024	pH (field)	7.0	SU
AP05S	Background	E006	07/18/2024	Radium 226 + Radium 228, total	4.13	pCi/L
AP05S	Background	E006	07/18/2024	Selenium, total	0.00074 U	mg/L
AP05S	Background	E006	07/18/2024	Specific Conductance @ 25C (field)	1,057	micromhos/cm
AP05S	Background	E006	07/18/2024	Sulfate, total	0.34 J	mg/L
AP05S	Background	E006	07/18/2024	Temperature	15.6	degrees C
AP05S	Background	E006	07/18/2024	Thallium, total	0.00038 U	mg/L
AP05S	Background	E006	07/18/2024	Total Dissolved Solids	900	mg/L
AP05S	Background	E006	07/18/2024	Turbidity, field	79.9	NTU
AW-08	Background	E006	07/18/2024	Antimony, total	0.00043 U	mg/L
AW-08	Background	E006	07/18/2024	Arsenic, total	0.0130	mg/L
AW-08	Background	E006	07/18/2024	Barium, total	0.310	mg/L
AW-08	Background	E006	07/18/2024	Beryllium, total	0.00059 U	mg/L
AW-08	Background	E006	07/18/2024	Boron, total	0.110 J+	mg/L
AW-08	Background	E006	07/18/2024	Cadmium, total	0.00074 U	mg/L
AW-08	Background	E006	07/18/2024	Calcium, total	140	mg/L
AW-08	Background	E006	07/18/2024	Chloride, total	17.0	mg/L
AW-08	Background	E006	07/18/2024	Chromium, total	0.0028 U	mg/L
AW-08	Background	E006	07/18/2024	Cobalt, total	0.00048 U	mg/L
AW-08	Background	E006	07/18/2024	Dissolved Oxygen	1.40	mg/L
AW-08	Background	E006	07/18/2024	Fluoride, total	0.25 UJ	mg/L
AW-08	Background	E006	07/18/2024	Lead, total	0.00022 U	mg/L
AW-08	Background	E006	07/18/2024	Lithium, total	0.0098 J	mg/L
AW-08	Background	E006	07/18/2024	Mercury, total	0.000	

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-08	Background	E006	07/18/2024	Specific Conductance @ 25C (field)	1,046	micromhos/cm
AW-08	Background	E006	07/18/2024	Sulfate, total	0.19 J	mg/L
AW-08	Background	E006	07/18/2024	Temperature	21.0	degrees C
AW-08	Background	E006	07/18/2024	Thallium, total	0.00038 U	mg/L
AW-08	Background	E006	07/18/2024	Total Dissolved Solids	720	mg/L
AW-08	Background	E006	07/18/2024	Turbidity, field	14.3	NTU
AP07S	Compliance	E006	07/16/2024	Antimony, total	0.00043 U	mg/L
AP07S	Compliance	E006	07/16/2024	Arsenic, total	0.00069 U	mg/L
AP07S	Compliance	E006	07/16/2024	Barium, total	0.0700	mg/L
AP07S	Compliance	E006	07/16/2024	Beryllium, total	0.00059 U	mg/L
AP07S	Compliance	E006	07/16/2024	Boron, total	21.0	mg/L
AP07S	Compliance	E006	07/16/2024	Cadmium, total	0.00074 U	mg/L
AP07S	Compliance	E006	07/16/2024	Calcium, total	230	mg/L
AP07S	Compliance	E006	07/16/2024	Chloride, total	77.0	mg/L
AP07S	Compliance	E006	07/16/2024	Chromium, total	0.0028 U	mg/L
AP07S	Compliance	E006	07/16/2024	Cobalt, total	0.0014 J	mg/L
AP07S	Compliance	E006	07/16/2024	Dissolved Oxygen	1.90	mg/L
AP07S	Compliance	E006	07/16/2024	Fluoride, total	0.251	mg/L
AP07S	Compliance	E006	07/16/2024	Lead, total	0.00022 U	mg/L
AP07S	Compliance	E006	07/16/2024	Lithium, total	0.0065 J	mg/L
AP07S	Compliance	E006	07/16/2024	Mercury, total	0.00014 U	mg/L
AP07S	Compliance	E006	07/16/2024	Molybdenum, total	0.00079 J	mg/L
AP07S	Compliance	E006	07/16/2024	Oxidation Reduction Potential	97.0	mV
AP07S	Compliance	E006	07/16/2024	pH (field)	6.9	SU
AP07S	Compliance	E006	07/16/2024	Radium 226 + Radium 228, total	1.03	pCi/L
AP07S	Compliance	E006	07/16/2024	Selenium, total	0.00074 U	mg/L
AP07S	Compliance	E006	07/16/2024	Specific Conductance @ 25C (field)	1,090	micromhos/cm
AP07S	Compliance	E006	07/16/2024	Sulfate, total	520	mg/L
AP07S	Compliance	E006	07/16/2024	Temperature	18.8	degrees C
AP07S	Compliance	E006	07/16/2024	Thallium, total	0.00038 U	mg/L
AP07S	Compliance	E006	07/16/2024	Total Dissolved Solids	1,500	mg/L
AP07S	Compliance	E006	07/16/2024	Turbidity, field	1.10	NTU
AW-01	Compliance	E006	07/16/2024	Antimony, total	0.00043 U	mg/L
AW-01	Compliance	E006	07/16/2024	Arsenic, total	0.00680	mg/L
AW-01	Compliance	E006	07/16/2024	Barium, total	0.120	mg/L
AW-01	Compliance	E006	07/16/2024	Beryllium, total	0.00059 U	mg/L
AW-01	Compliance	E006	07/16/2024	Boron, total	0.0890 J+	mg/L
AW-01	Compliance	E006	07/16/2024	Cadmium, total	0.00074 U	mg/L
AW-01	Compliance	E006	07/16/2024	Calcium, total	180	mg/L
AW-01	Compliance	E006	07/16/2024	Chloride, total	8.20	mg/L
AW-01						

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ASH POND
BARTONVILLE, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-01	Compliance	E006	07/16/2024	Mercury, total	0.00019 J	mg/L
AW-01	Compliance	E006	07/16/2024	Molybdenum, total	0.00330	mg/L
AW-01	Compliance	E006	07/16/2024	Oxidation Reduction Potential	30.0	mV
AW-01	Compliance	E006	07/16/2024	pH (field)	7.0	SU
AW-01	Compliance	E006	07/16/2024	Radium 226 + Radium 228, total	3.92	pCi/L
AW-01	Compliance	E006	07/16/2024	Selenium, total	0.00074 U	mg/L
AW-01	Compliance	E006	07/16/2024	Specific Conductance @ 25C (field)	1,030	micromhos/cm
AW-01	Compliance	E006	07/16/2024	Sulfate, total	47.0	mg/L
AW-01	Compliance	E006	07/16/2024	Temperature	20.8	degrees C
AW-01	Compliance	E006	07/16/2024	Thallium, total	0.00038 U	mg/L
AW-01	Compliance	E006	07/16/2024	Total Dissolved Solids	800	mg/L
AW-01	Compliance	E006	07/16/2024	Turbidity, field	87.0	NTU
AW-05	Compliance	E006	07/16/2024	Antimony, total	0.00043 U	mg/L
AW-05	Compliance	E006	07/16/2024	Arsenic, total	0.00320	mg/L
AW-05	Compliance	E006	07/16/2024	Barium, total	0.100	mg/L
AW-05	Compliance	E006	07/16/2024	Beryllium, total	0.00059 U	mg/L
AW-05	Compliance	E006	07/16/2024	Boron, total	7.40	mg/L
AW-05	Compliance	E006	07/16/2024	Cadmium, total	0.00074 U	mg/L
AW-05	Compliance	E006	07/16/2024	Calcium, total	170	mg/L
AW-05	Compliance	E006	07/16/2024	Chloride, total	71.0	mg/L
AW-05	Compliance	E006	07/16/2024	Chromium, total	0.0028 U	mg/L
AW-05	Compliance	E006	07/16/2024	Cobalt, total	0.0018 J	mg/L
AW-05	Compliance	E006	07/16/2024	Dissolved Oxygen	0	mg/L
AW-05	Compliance	E006	07/16/2024	Fluoride, total	0.25 UJ	mg/L
AW-05	Compliance	E006	07/16/2024	Lead, total	0.00086 J	mg/L
AW-05	Compliance	E006	07/16/2024	Lithium, total	0.012 J	mg/L
AW-05	Compliance	E006	07/16/2024	Mercury, total	0.00014 U	mg/L
AW-05	Compliance	E006	07/16/2024	Molybdenum, total	0.00200	mg/L
AW-05	Compliance	E006	07/16/2024	Oxidation Reduction Potential	-69.0	mV
AW-05	Compliance	E006	07/16/2024	pH (field)	7.3	SU
AW-05	Compliance	E006	07/16/2024	Radium 226 + Radium 228, total	1.03	pCi/L
AW-05	Compliance	E006	07/16/2024	Selenium, total	0.00074 U	mg/L
AW-05	Compliance	E006	07/16/2024	Specific Conductance @ 25C (field)	1,460	micromhos/cm
AW-05	Compliance	E006	07/16/2024	Sulfate, total	390	mg/L
AW-05	Compliance	E006	07/16/2024	Temperature	18.0	degrees C
AW-05	Compliance	E006	07/16/2024	Thallium, total	0.00038 U	mg/L
AW-05	Compliance	E006	07/16/2024	Total Dissolved Solids	1,100	mg/L
AW-05	Compliance	E006	07/16/2024	Turbidity, field	266	NTU
AW-06	Compliance	E006	07/15/2024	Antimony, total	0.00043 U	mg/L
AW-06	Compliance	E006	07/15/2024	Arsenic, total	0.00480	mg/L
AW-06</						

TABLE 1.
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845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-06	Compliance	E006	07/15/2024	Chromium, total	0.0028 U	mg/L
AW-06	Compliance	E006	07/15/2024	Cobalt, total	0.00049 J	mg/L
AW-06	Compliance	E006	07/15/2024	Dissolved Oxygen	1.70	mg/L
AW-06	Compliance	E006	07/15/2024	Fluoride, total	0.321	mg/L
AW-06	Compliance	E006	07/15/2024	Lead, total	0.00022 U	mg/L
AW-06	Compliance	E006	07/15/2024	Lithium, total	0.0097 J	mg/L
AW-06	Compliance	E006	07/15/2024	Mercury, total	0.00014 U	mg/L
AW-06	Compliance	E006	07/15/2024	Molybdenum, total	0.00580	mg/L
AW-06	Compliance	E006	07/15/2024	Oxidation Reduction Potential	-64.0	mV
AW-06	Compliance	E006	07/15/2024	pH (field)	7.0	SU
AW-06	Compliance	E006	07/15/2024	Radium 226 + Radium 228, total	0.417	pCi/L
AW-06	Compliance	E006	07/15/2024	Selenium, total	0.00074 U	mg/L
AW-06	Compliance	E006	07/15/2024	Specific Conductance @ 25C (field)	1,150	micromhos/cm
AW-06	Compliance	E006	07/15/2024	Sulfate, total	24.0 J	mg/L
AW-06	Compliance	E006	07/15/2024	Temperature	25.2	degrees C
AW-06	Compliance	E006	07/15/2024	Thallium, total	0.00038 U	mg/L
AW-06	Compliance	E006	07/15/2024	Total Dissolved Solids	570	mg/L
AW-06	Compliance	E006	07/15/2024	Turbidity, field	0 U	NTU
AW-09	Compliance	E006	07/16/2024	Antimony, total	0.00043 U	mg/L
AW-09	Compliance	E006	07/16/2024	Arsenic, total	0.0240	mg/L
AW-09	Compliance	E006	07/16/2024	Barium, total	0.450	mg/L
AW-09	Compliance	E006	07/16/2024	Beryllium, total	0.00059 U	mg/L
AW-09	Compliance	E006	07/16/2024	Boron, total	0.280	mg/L
AW-09	Compliance	E006	07/16/2024	Cadmium, total	0.00074 U	mg/L
AW-09	Compliance	E006	07/16/2024	Calcium, total	120	mg/L
AW-09	Compliance	E006	07/16/2024	Chloride, total	26.0	mg/L
AW-09	Compliance	E006	07/16/2024	Chromium, total	0.0028 U	mg/L
AW-09	Compliance	E006	07/16/2024	Cobalt, total	0.00270	mg/L
AW-09	Compliance	E006	07/16/2024	Dissolved Oxygen	1.70	mg/L
AW-09	Compliance	E006	07/16/2024	Fluoride, total	0.25 UJ	mg/L
AW-09	Compliance	E006	07/16/2024	Lead, total	0.00092 J	mg/L
AW-09	Compliance	E006	07/16/2024	Lithium, total	0.0270	mg/L
AW-09	Compliance	E006	07/16/2024	Mercury, total	0.00014 U	mg/L
AW-09	Compliance	E006	07/16/2024	Molybdenum, total	0.0140	mg/L
AW-09	Compliance	E006	07/16/2024	Oxidation Reduction Potential	-118	mV
AW-09	Compliance	E006	07/16/2024	pH (field)	7.0	SU
AW-09	Compliance	E006	07/16/2024	Radium 226 + Radium 228, total	0.919	pCi/L
AW-09	Compliance	E006	07/16/2024	Selenium, total	0.00074 U	mg/L
AW-09	Compliance	E006	07/16/2024	Specific Conductance @ 25C (field)	1,580	micromhos/cm
AW-09	Compliance	E006	07/16/2024	Sulfate, total	0.21 J	mg/L
AW-09						

FIGURES

ATTACHMENTS

**ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 3, 2024**

**ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 3, 2024**



Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

July 31, 2024

Brian Voelker
Vistra - Edwards
604 Pierce Boulevard
O'Fallon, IL 62269

Dear Brian Voelker:

Please find enclosed the analytical results for the sample(s) the laboratory received. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Diane Billings", written in a cursive style.

Diane Billings
Project Manager

SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order	HG02696
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YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
NO	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided

Work Order HG02901

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
NO	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided

Work Order HG03226

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
NO	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
YES	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided

Work Order HG03595

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
NO	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided

ANALYTICAL RESULTS

Sample: HG02696-01

Name: AW-06 DUP

Matrix: Ground Water - Grab

Sampled: 07/15/24 15:42

Received: 07/15/24 16:49

PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/16/24 09:11	5	1.0	07/18/24 15:32	TJJ	EPA 6020A
Lithium	< 20	ug/L		07/16/24 09:11	1	20	07/25/24 14:30	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02696-02
Name: AW-06
Matrix: Ground Water - Grab

Sampled: 07/15/24 15:42
Received: 07/15/24 16:49
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/16/24 09:11	5	1.0	07/18/24 15:35	TJJ	EPA 6020A
Lithium	< 20	ug/L		07/16/24 09:11	1	20	07/25/24 14:31	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02696-03
Name: AW-21
Matrix: Ground Water - Grab

Sampled: 07/15/24 16:10
Received: 07/15/24 16:49
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/16/24 09:11	5	1.0	07/18/24 15:39	TJJ	EPA 6020A
Lithium	< 20	ug/L		07/16/24 09:11	1	20	07/25/24 14:32	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02696-04
Name: AW-19
Matrix: Ground Water - Grab

Sampled: 07/15/24 14:38
Received: 07/15/24 16:49
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/16/24 09:11	5	1.0	07/18/24 15:43	TJJ	EPA 6020A
Lithium	< 20	ug/L		07/16/24 09:11	1	20	07/25/24 14:33	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02901-01
Name: AP07S
Matrix: Ground Water - Grab

Sampled: 07/16/24 14:14
Received: 07/16/24 16:26
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/17/24 08:48	5	1.0	07/19/24 16:07	TJJ	EPA 6020A
Lithium	< 20	ug/L		07/17/24 08:48	1	20	07/25/24 14:37	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02901-02
Name: AW-01
Matrix: Ground Water - Grab

Sampled: 07/16/24 12:09
Received: 07/16/24 16:26
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/17/24 08:48	5	1.0	07/19/24 16:26	TJJ	EPA 6020A
Lithium	< 20	ug/L		07/17/24 08:48	1	20	07/25/24 14:40	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02901-03
Name: AW-05
Matrix: Ground Water - Grab

Sampled: 07/16/24 15:28
Received: 07/16/24 16:26
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/17/24 08:48	5	1.0	07/19/24 16:30	TJJ	EPA 6020A
Lithium	< 20	ug/L		07/17/24 08:48	1	20	07/25/24 14:44	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02901-04

Name: AW-01 DUP

Matrix: Ground Water - Field Duplicate

Sampled: 07/16/24 12:09

Received: 07/16/24 16:26

PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/17/24 08:48	5	1.0	07/19/24 16:34	TJJ	EPA 6020A
Lithium	< 20	ug/L		07/17/24 08:48	1	20	07/25/24 14:45	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02901-05
Name: AW-09
Matrix: Ground Water - Grab

Sampled: 07/16/24 12:33
Received: 07/16/24 16:26
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/17/24 08:48	5	1.0	07/19/24 16:46	TJJ	EPA 6020A
Lithium	27	ug/L		07/17/24 08:48	1	20	07/25/24 14:46	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02901-06
Name: AW-16 DUP
Matrix: Ground Water - Field Duplicate

Sampled: 07/16/24 15:22
Received: 07/16/24 16:26
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/17/24 08:48	5	1.0	07/19/24 16:50	TJJ	EPA 6020A
Lithium	31	ug/L		07/17/24 08:48	1	20	07/25/24 14:47	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02901-07
Name: AW-16
Matrix: Ground Water - Grab

Sampled: 07/16/24 15:22
Received: 07/16/24 16:26
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/17/24 08:48	5	1.0	07/19/24 16:54	TJJ	EPA 6020A
Lithium	30	ug/L		07/17/24 08:48	1	20	07/25/24 14:48	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02901-08
Name: AW-17
Matrix: Ground Water - Grab

Sampled: 07/16/24 10:45
Received: 07/16/24 16:26
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/17/24 08:48	5	1.0	07/19/24 16:58	TJJ	EPA 6020A
Lithium	33	ug/L		07/17/24 08:48	1	20	07/25/24 14:49	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG02901-09
Name: AW-18
Matrix: Ground Water - Grab

Sampled: 07/16/24 14:12
Received: 07/16/24 16:26
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/17/24 08:48	5	1.0	07/19/24 17:02	TJJ	EPA 6020A
Lithium	< 20	ug/L		07/17/24 08:48	1	20	07/25/24 14:50	LAM	EPA 6010B

ANALYTICAL RESULTS

Sample: HG03226-01
Name: AW-11
Matrix: Ground Water - Grab

Sampled: 07/17/24 15:45
Received: 07/17/24 16:21
PO #: 2450166

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Thallium	< 1.0	ug/L		07/22/24 08:56	5	1.0	07/25/24 18:20	TJJ	EPA 6020A
Lithium	< 20	ug/L		07/22/24 08:56	1	20	07/25/24 14:54	LAM	EPA 6010B

