

May 22, 2026

Eric Staley
City Water, Light & Power
3100 Stevenson Drive
2nd Floor Maintenance Building
Springfield, IL 62712
TEL: (217) 757-8610
FAX: (217) 757-8615



Illinois	100467
Kansas	E-10374
Kansas	E-10438
Louisiana	05002
Oklahoma	9978

RE: Ash Pond Monitoring Wells

WorkOrder: 26041298

Dear Eric Staley:

TEKLAB, INC received 22 samples on 4/23/2026 1:04:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Shelly A. Hennessy
Project Manager
(618)344-1004
SHennessy@teklabinc.com

Client: City Water, Light & Power

Work Order: 26041298

Client Project: Ash Pond Monitoring Wells

Report Date: 22-May-26

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Client: City Water, Light & Power**Work Order:** 26041298**Client Project:** Ash Pond Monitoring Wells**Report Date:** 22-May-26**Abbr Definition**

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

Client: City Water, Light & Power

Work Order: 26041298

Client Project: Ash Pond Monitoring Wells

Report Date: 22-May-26

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: City Water, Light & Power

Work Order: 26041298

Client Project: Ash Pond Monitoring Wells

Report Date: 22-May-26

Cooler Receipt Temp: 2.4 °C

An employee of Teklab, Inc. collected the sample(s).

Radium-226 & -228 analysis was performed by Alliance Technical Group. See attached report for results.

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Collinsville

Address 120 United Drive
Collinsville, IL 62234-7433
Phone (618) 344-1004
Fax
Email jhriley@teklabinc.com

Collinsville Air

Address 120 United Drive
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Client: City Water, Light & Power**Work Order:** 26041298**Client Project:** Ash Pond Monitoring Wells**Report Date:** 22-May-26

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100467	NELAP	1/31/2027	Collinsville
Kansas	KDHE	E-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2027	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2027	Collinsville
Oklahoma	ODEQ	9978	NELAP	12/31/2026	Collinsville
Arkansas	ADEQ	88-0966		3/14/2027	Collinsville
Illinois	IDPH	17584		5/31/2026	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kansas	KDHE	E-92716		1/31/2027	Collinsville
Kentucky	KWLCP	KY98050		12/31/2026	Collinsville
Kentucky	KWLCP	KY98006		12/31/2026	Collinsville
Kentucky	UST	0073		1/31/2027	Collinsville
Louisiana	LDEQ	05003		6/30/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-001
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: RW-3
 Collection Date: 04/22/2026 11:07

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		495.49	ft	1	04/22/2026 11:07	R383248
Depth to water	*	-5.00		7.28	ft	1	04/22/2026 11:07	R383248
Depth to water from measuring point	*	0		9.98	ft	1	04/22/2026 11:07	R383248
Elevation of groundwater surface	*	0		529.52	ft	1	04/22/2026 11:07	R383248
Measuring Point Elevation	*	0		539.50	ft	1	04/22/2026 11:07	R383248
Measuring Point Height Above Land Surface	*	0		2.70	ft	1	04/22/2026 11:07	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		13	NTU	1	04/22/2026 11:07	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		57.9	°F	1	04/22/2026 11:07	R383248
SW-846 9040B								
pH, Field	*	1.00		6.97		1	04/22/2026 11:07	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		650	µmhos/cm @25C	1	04/22/2026 11:07	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		454	mg/L	1	04/23/2026 9:51	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 12:22	R382935
Chloride	NELAP	5.00		27.2	mg/L	10	04/26/2026 12:22	R382935
Sulfate	NELAP	10.0		ND	mg/L	10	04/26/2026 12:22	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		154	µg/L	1	04/23/2026 18:54	255438
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 18:54	255438
Boron	NELAP	20.0		161	µg/L	1	04/23/2026 18:54	255438
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 18:54	255438
Calcium	NELAP	0.100		71.5	mg/L	1	04/23/2026 18:54	255438
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 18:54	255438
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 18:54	255438
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 18:54	255438
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 18:54	255438
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		14.2	µg/L	5	05/18/2026 20:15	256647
Arsenic	NELAP	1.0		87.4	µg/L	5	05/03/2026 17:51	255438
Lithium	*	3.0		8.4	µg/L	5	05/14/2026 9:01	255438
Selenium	NELAP	1.0		10.8	µg/L	5	05/03/2026 17:51	255438
Thallium	NELAP	2.0		2.3	µg/L	5	05/03/2026 17:51	255438
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/23/2026 16:00	255467
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.310	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.050	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223
Radium-228 Uncertainty	*	0		0.260	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-002
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP-1
 Collection Date: 04/22/2026 10:43

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		504.29	ft	1	04/22/2026 10:43	R383248
Depth to water	*	-5.00		7.48	ft	1	04/22/2026 10:43	R383248
Depth to water from measuring point	*	0		9.75	ft	1	04/22/2026 10:43	R383248
Elevation of groundwater surface	*	0		525.62	ft	1	04/22/2026 10:43	R383248
Measuring Point Elevation	*	0		535.37	ft	1	04/22/2026 10:43	R383248
Measuring Point Height Above Land Surface	*	0		2.27	ft	1	04/22/2026 10:43	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		3.8	NTU	1	04/22/2026 10:43	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		59.6	°F	1	04/22/2026 10:43	R383248
SW-846 9040B								
pH, Field	*	1.00		6.49		1	04/22/2026 10:43	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1240	µmhos/cm @25C	1	04/22/2026 10:43	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1860	mg/L	1	04/23/2026 9:51	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 12:35	R382935
Chloride	NELAP	5.00		50.1	mg/L	10	04/26/2026 12:35	R382935
Sulfate	NELAP	10.0		837	mg/L	10	04/26/2026 12:35	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		266	µg/L	1	04/23/2026 18:56	255438
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 18:56	255438
Boron	NELAP	200		23600	µg/L	10	04/27/2026 11:49	255438
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 18:56	255438
Calcium	NELAP	0.100		255	mg/L	1	04/23/2026 18:56	255438
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 18:56	255438
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 18:56	255438
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 18:56	255438
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 18:56	255438
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		13.6	µg/L	5	05/18/2026 20:38	256647
Arsenic	NELAP	1.0		3.0	µg/L	5	05/03/2026 17:55	255438
Lithium	*	3.0		11.3	µg/L	5	05/14/2026 9:05	255438
Selenium	NELAP	1.0		2.5	µg/L	5	05/03/2026 17:55	255438
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/03/2026 17:55	255438
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/23/2026 16:02	255467
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.490	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.070	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223
Radium-228 Uncertainty	*	0		0.420	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-003
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP-2
 Collection Date: 04/21/2026 12:27

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		514.77	ft	1	04/21/2026 12:27	R383248
Depth to water	*	-5.00		4.82	ft	1	04/21/2026 12:27	R383248
Depth to water from measuring point	*	0		7.32	ft	1	04/21/2026 12:27	R383248
Elevation of groundwater surface	*	0		528.78	ft	1	04/21/2026 12:27	R383248
Measuring Point Elevation	*	0		536.10	ft	1	04/21/2026 12:27	R383248
Measuring Point Height Above Land Surface	*	0		2.50	ft	1	04/21/2026 12:27	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		30	NTU	1	04/21/2026 12:27	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		57.5	°F	1	04/21/2026 12:27	R383248
SW-846 9040B								
pH, Field	*	1.00		6.50		1	04/21/2026 12:27	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1410	µmhos/cm @25C	1	04/21/2026 12:27	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1370	mg/L	1	04/23/2026 9:51	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 12:48	R382935
Chloride	NELAP	5.00		34.9	mg/L	10	04/26/2026 12:48	R382935
Sulfate	NELAP	10.0		424	mg/L	10	04/26/2026 12:48	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		81.7	µg/L	1	04/23/2026 21:15	255378
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 21:15	255378
Boron	NELAP	20.0		3600	µg/L	1	04/23/2026 21:15	255378
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 21:15	255378
Calcium	NELAP	0.100		231	mg/L	1	04/23/2026 21:15	255378
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:15	255378
Cobalt	NELAP	5.0		7.2	µg/L	1	04/23/2026 21:15	255378
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 21:15	255378
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 21:15	255378
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		7.0	µg/L	5	05/20/2026 14:25	255378
Arsenic	NELAP	1.0		1.9	µg/L	5	05/17/2026 12:38	255378
Lithium	*	3.0		5.8	µg/L	5	05/04/2026 18:51	255378
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/09/2026 0:40	255378
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/15/2026 22:38	255378
<i>Contamination present in the CCB for Se. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 16:37	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.460	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.040	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
Client Project: Ash Pond Monitoring Wells
Lab ID: 26041298-003
Matrix: GROUNDWATER

Work Order: 26041298
Report Date: 22-May-26
Client Sample ID: AP-2
Collection Date: 04/21/2026 12:27

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 903.0/904.0, RADIUM 226/228								
Radium-228 Uncertainty	*	0		0.420	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-004
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP-3
 Collection Date: 04/21/2026 13:02

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		514.45	ft	1	04/21/2026 13:02	R383248
Depth to water	*	-5.00		6.75	ft	1	04/21/2026 13:02	R383248
Depth to water from measuring point	*	0		9.30	ft	1	04/21/2026 13:02	R383248
Elevation of groundwater surface	*	0		525.95	ft	1	04/21/2026 13:02	R383248
Measuring Point Elevation	*	0		535.25	ft	1	04/21/2026 13:02	R383248
Measuring Point Height Above Land Surface	*	0		2.55	ft	1	04/21/2026 13:02	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		100	NTU	1	04/21/2026 13:02	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		61.4	°F	1	04/21/2026 13:02	R383248
SW-846 9040B								
pH, Field	*	1.00		6.56		1	04/21/2026 13:02	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1460	µmhos/cm @25C	1	04/21/2026 13:02	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1360	mg/L	1	04/23/2026 10:11	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 13:00	R382935
Chloride	NELAP	5.00		66.4	mg/L	10	04/26/2026 13:00	R382935
Sulfate	NELAP	10.0		592	mg/L	10	04/26/2026 13:00	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		140	µg/L	1	04/23/2026 21:25	255378
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 21:25	255378
Boron	NELAP	20.0		16300	µg/L	1	04/23/2026 21:25	255378
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 21:25	255378
Calcium	NELAP	0.100		207	mg/L	1	04/23/2026 21:25	255378
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:25	255378
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:25	255378
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 21:25	255378
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 21:25	255378
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		6.3	µg/L	5	05/20/2026 14:28	255378
Arsenic	NELAP	1.0		22.0	µg/L	5	05/15/2026 22:42	255378
Lithium	*	3.0		4.2	µg/L	5	05/04/2026 18:56	255378
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/09/2026 0:45	255378
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/15/2026 22:42	255378
<i>Sample result(s) for As exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>								
<i>Contamination present in the CCB for Se. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 16:39	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		2.45	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.650	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.060	+/-	1	05/05/2026 8:35	R384223

Client: City Water, Light & Power
Client Project: Ash Pond Monitoring Wells
Lab ID: 26041298-004
Matrix: GROUNDWATER

Work Order: 26041298
Report Date: 22-May-26
Client Sample ID: AP-3
Collection Date: 04/21/2026 13:02

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 903.0/904.0, RADIUM 226/228								
Radium-228	*	1.00		2.45	pCi/L	1	05/04/2026 13:02	R384223
Radium-228 Uncertainty	*	0		0.590	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-005
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP-4
 Collection Date: 04/21/2026 9:59

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		495.19	ft	1	04/21/2026 9:59	R383248
Depth to water	*	-5.00		7.68	ft	1	04/21/2026 9:59	R383248
Depth to water from measuring point	*	0		10.82	ft	1	04/21/2026 9:59	R383248
Elevation of groundwater surface	*	0		544.78	ft	1	04/21/2026 9:59	R383248
Measuring Point Elevation	*	0		555.60	ft	1	04/21/2026 9:59	R383248
Measuring Point Height Above Land Surface	*	0		3.14	ft	1	04/21/2026 9:59	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		22	NTU	1	04/21/2026 9:59	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		66.5	°F	1	04/21/2026 9:59	R383248
SW-846 9040B								
pH, Field	*	1.00		6.82		1	04/21/2026 9:59	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		922	µmhos/cm @25C	1	04/21/2026 9:59	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		520	mg/L	1	04/23/2026 10:11	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 13:51	R382935
Chloride	NELAP	5.00		12.3	mg/L	10	04/26/2026 13:51	R382935
Sulfate	NELAP	10.0		ND	mg/L	10	04/26/2026 13:51	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		431	µg/L	1	04/23/2026 21:26	255378
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 21:26	255378
Boron	NELAP	20.0		92.3	µg/L	1	04/23/2026 21:26	255378
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 21:26	255378
Calcium	NELAP	0.100		136	mg/L	1	04/23/2026 21:26	255378
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:26	255378
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:26	255378
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 21:26	255378
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 21:26	255378
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		6.2	µg/L	5	05/20/2026 14:32	255378
Arsenic	NELAP	1.0		< 1.0	µg/L	5	05/15/2026 22:45	255378
Lithium	*	3.0		5.8	µg/L	5	05/04/2026 19:00	255378
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/17/2026 12:45	255378
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/15/2026 22:45	255378
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 16:45	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.550	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.070	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		1.23	pci/L	1	05/04/2026 13:02	R384223
Radium-228 Uncertainty	*	0		0.480	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-006
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP-5
 Collection Date: 04/21/2026 12:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		552.63	ft	1	04/21/2026 12:00	R383248
Depth to water	*	-5.00		12.36	ft	1	04/21/2026 12:00	R383248
Depth to water from measuring point	*	0		14.66	ft	1	04/21/2026 12:00	R383248
Elevation of groundwater surface	*	0		569.24	ft	1	04/21/2026 12:00	R383248
Measuring Point Elevation	*	0		583.90	ft	1	04/21/2026 12:00	R383248
Measuring Point Height Above Land Surface	*	0		2.30	ft	1	04/21/2026 12:00	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		2.0	NTU	1	04/21/2026 12:00	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		57.6	°F	1	04/21/2026 12:00	R383248
SW-846 9040B								
pH, Field	*	1.00		7.01		1	04/21/2026 12:00	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		553	µmhos/cm @25C	1	04/21/2026 12:00	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		588	mg/L	1	04/23/2026 10:11	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 14:04	R382935
Chloride	NELAP	5.00		8.09	mg/L	10	04/26/2026 14:04	R382935
Sulfate	NELAP	10.0		70.8	mg/L	10	04/26/2026 14:04	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		59.5	µg/L	1	04/23/2026 21:28	255378
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 21:28	255378
Boron	NELAP	20.0		42.0	µg/L	1	04/23/2026 21:28	255378
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 21:28	255378
Calcium	NELAP	0.100		114	mg/L	1	04/23/2026 21:28	255378
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:28	255378
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:28	255378
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 21:28	255378
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 21:28	255378
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		6.6	µg/L	5	05/20/2026 14:36	255378
Arsenic	NELAP	1.0		< 1.0	µg/L	5	05/17/2026 12:49	255378
Lithium	*	3.0		< 3.0	µg/L	5	05/04/2026 19:04	255378
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/09/2026 0:54	255378
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/15/2026 22:49	255378
<i>Contamination present in the CCB for Se. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 16:47	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.340	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.040	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
Client Project: Ash Pond Monitoring Wells
Lab ID: 26041298-006
Matrix: GROUNDWATER

Work Order: 26041298
Report Date: 22-May-26
Client Sample ID: AP-5
Collection Date: 04/21/2026 12:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 903.0/904.0, RADIUM 226/228								
Radium-228 Uncertainty	*	0		0.300	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-007
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP-6
 Collection Date: 04/21/2026 11:17

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		498.20	ft	1	04/21/2026 11:17	R383248
Depth to water	*	-5.00		8.30	ft	1	04/21/2026 11:17	R383248
Depth to water from measuring point	*	0		10.72	ft	1	04/21/2026 11:17	R383248
Elevation of groundwater surface	*	0		527.10	ft	1	04/21/2026 11:17	R383248
Measuring Point Elevation	*	0		537.82	ft	1	04/21/2026 11:17	R383248
Measuring Point Height Above Land Surface	*	0		2.42	ft	1	04/21/2026 11:17	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		21	NTU	1	04/21/2026 11:17	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		64.7	°F	1	04/21/2026 11:17	R383248
SW-846 9040B								
pH, Field	*	1.00		7.20		1	04/21/2026 11:17	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		757	µmhos/cm @25C	1	04/21/2026 11:17	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		478	mg/L	1	04/23/2026 10:11	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		0.53	mg/L	10	04/26/2026 14:42	R382935
Chloride	NELAP	5.00		34.3	mg/L	10	04/26/2026 14:42	R382935
Sulfate	NELAP	10.0		ND	mg/L	10	04/26/2026 14:42	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		156	µg/L	1	04/23/2026 21:30	255378
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 21:30	255378
Boron	NELAP	20.0		268	µg/L	1	04/23/2026 21:30	255378
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 21:30	255378
Calcium	NELAP	0.100		73.9	mg/L	1	04/23/2026 21:30	255378
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:30	255378
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:30	255378
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 21:30	255378
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 21:30	255378
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		6.9	µg/L	5	05/20/2026 14:40	255378
Arsenic	NELAP	1.0		< 1.0	µg/L	5	05/15/2026 22:53	255378
Lithium	*	3.0		8.1	µg/L	5	05/04/2026 19:09	255378
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/09/2026 0:59	255378
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/15/2026 22:53	255378
<i>Contamination present in the CCB for Se. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 16:50	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.250	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.040	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
Client Project: Ash Pond Monitoring Wells
Lab ID: 26041298-007
Matrix: GROUNDWATER

Work Order: 26041298
Report Date: 22-May-26
Client Sample ID: AP-6
Collection Date: 04/21/2026 11:17

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 903.0/904.0, RADIUM 226/228								
Radium-228 Uncertainty	*	0		0.210	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-008
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP-7
 Collection Date: 04/21/2026 11:17

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		496.50	ft	1	04/21/2026 11:17	R383248
Depth to water	*	-5.00		10.16	ft	1	04/21/2026 11:17	R383248
Depth to water from measuring point	*	0		12.82	ft	1	04/21/2026 11:17	R383248
Elevation of groundwater surface	*	0		526.20	ft	1	04/21/2026 11:17	R383248
Measuring Point Elevation	*	0		539.02	ft	1	04/21/2026 11:17	R383248
Measuring Point Height Above Land Surface	*	0		2.66	ft	1	04/21/2026 11:17	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		3.3	NTU	1	04/21/2026 11:17	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		56.3	°F	1	04/21/2026 11:17	R383248
SW-846 9040B								
pH, Field	*	1.00		7.04		1	04/21/2026 11:17	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		614	µmhos/cm @25C	1	04/21/2026 11:17	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		508	mg/L	1	04/23/2026 10:12	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 14:54	R382935
Chloride	NELAP	5.00		47.7	mg/L	10	04/26/2026 14:54	R382935
Sulfate	NELAP	10.0		27.1	mg/L	10	04/26/2026 14:54	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		127	µg/L	1	04/23/2026 22:00	255376
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 22:00	255376
Boron	NELAP	20.0		279	µg/L	1	04/23/2026 22:00	255376
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 22:00	255376
Calcium	NELAP	0.100		85.7	mg/L	1	04/23/2026 22:00	255376
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:00	255376
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:00	255376
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 22:00	255376
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 22:00	255376
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		< 1.0	µg/L	5	05/01/2026 23:02	255376
Arsenic	NELAP	1.0		22.2	µg/L	5	05/01/2026 23:02	255376
Lithium	*	3.0		8.0	µg/L	5	05/01/2026 23:02	255376
Selenium	NELAP	1.0		2.4	µg/L	5	05/01/2026 23:02	255376
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/01/2026 23:02	255376
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 16:52	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.460	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.050	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223
Radium-228 Uncertainty	*	0		0.410	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-009
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP-8
 Collection Date: 04/21/2026 11:56

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		497.60	ft	1	04/21/2026 11:56	R383248
Depth to water	*	-5.00		3.03	ft	1	04/21/2026 11:56	R383248
Depth to water from measuring point	*	0		5.93	ft	1	04/21/2026 11:56	R383248
Elevation of groundwater surface	*	0		531.27	ft	1	04/21/2026 11:56	R383248
Measuring Point Elevation	*	0		537.20	ft	1	04/21/2026 11:56	R383248
Measuring Point Height Above Land Surface	*	0		2.90	ft	1	04/21/2026 11:56	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		27	NTU	1	04/21/2026 11:56	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		66.3	°F	1	04/21/2026 11:56	R383248
SW-846 9040B								
pH, Field	*	1.00		6.99		1	04/21/2026 11:56	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		941	µmhos/cm @25C	1	04/21/2026 11:56	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		592	mg/L	1	04/23/2026 10:12	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 15:07	R382935
Chloride	NELAP	5.00		23.0	mg/L	10	04/26/2026 15:07	R382935
Sulfate	NELAP	10.0		ND	mg/L	10	04/26/2026 15:07	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		393	µg/L	1	04/23/2026 22:09	255376
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 22:09	255376
Boron	NELAP	20.0		88.2	µg/L	1	04/23/2026 22:09	255376
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 22:09	255376
Calcium	NELAP	0.100		105	mg/L	1	04/23/2026 22:09	255376
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:09	255376
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:09	255376
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 22:09	255376
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 22:09	255376
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		< 1.0	µg/L	5	05/01/2026 23:05	255376
Arsenic	NELAP	1.0		36.6	µg/L	5	05/01/2026 23:05	255376
Lithium	*	3.0		7.4	µg/L	5	05/01/2026 23:05	255376
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/01/2026 23:05	255376
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/01/2026 23:05	255376
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/23/2026 14:54	255492
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.480	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.060	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223
Radium-228 Uncertainty	*	0		0.420	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-010
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP-9
 Collection Date: 04/21/2026 9:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		500.70	ft	1	04/21/2026 9:50	R383248
Depth to water	*	-5.00		8.72	ft	1	04/21/2026 9:50	R383248
Depth to water from measuring point	*	0		11.82	ft	1	04/21/2026 9:50	R383248
Elevation of groundwater surface	*	0		528.48	ft	1	04/21/2026 9:50	R383248
Measuring Point Elevation	*	0		540.30	ft	1	04/21/2026 9:50	R383248
Measuring Point Height Above Land Surface	*	0		3.10	ft	1	04/21/2026 9:50	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		81	NTU	1	04/21/2026 9:50	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		60.4	°F	1	04/21/2026 9:50	R383248
SW-846 9040B								
pH, Field	*	1.00		6.74		1	04/21/2026 9:50	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		770	µmhos/cm @25C	1	04/21/2026 9:50	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		638	mg/L	1	04/23/2026 10:25	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 15:20	R382935
Chloride	NELAP	5.00		24.1	mg/L	10	04/26/2026 15:20	R382935
Sulfate	NELAP	10.0		14.1	mg/L	10	04/26/2026 15:20	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		431	µg/L	1	04/23/2026 22:11	255376
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 22:11	255376
Boron	NELAP	20.0		107	µg/L	1	04/23/2026 22:11	255376
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 22:11	255376
Calcium	NELAP	0.100		114	mg/L	1	04/23/2026 22:11	255376
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:11	255376
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:11	255376
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 22:11	255376
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 22:11	255376
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		< 1.0	µg/L	5	05/01/2026 23:07	255376
Arsenic	NELAP	1.0		1.2	µg/L	5	05/01/2026 23:07	255376
Lithium	*	3.0		7.1	µg/L	5	05/01/2026 23:07	255376
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/01/2026 23:07	255376
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/01/2026 23:07	255376
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 17:00	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.450	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.080	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223
Radium-228 Uncertainty	*	0		0.370	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-011
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP10
 Collection Date: 04/22/2026 10:17

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		499.43	ft	1	04/22/2026 10:17	R383248
Depth to water	*	-5.00		1.50	ft	1	04/22/2026 10:17	R383248
Depth to water from measuring point	*	0		4.60	ft	1	04/22/2026 10:17	R383248
Elevation of groundwater surface	*	0		532.90	ft	1	04/22/2026 10:17	R383248
Measuring Point Elevation	*	0		537.50	ft	1	04/22/2026 10:17	R383248
Measuring Point Height Above Land Surface	*	0		3.10	ft	1	04/22/2026 10:17	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		9.6	NTU	1	04/22/2026 10:17	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		59.8	°F	1	04/22/2026 10:17	R383248
SW-846 9040B								
pH, Field	*	1.00		6.51		1	04/22/2026 10:17	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		901	µmhos/cm @25C	1	04/22/2026 10:17	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		824	mg/L	1	04/23/2026 10:26	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 15:32	R382935
Chloride	NELAP	5.00		25.3	mg/L	10	04/26/2026 15:32	R382935
Sulfate	NELAP	10.0		88.5	mg/L	10	04/26/2026 15:32	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		602	µg/L	1	04/23/2026 18:58	255438
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 18:58	255438
Boron	NELAP	20.0		3700	µg/L	1	04/23/2026 18:58	255438
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 18:58	255438
Calcium	NELAP	0.100		138	mg/L	1	04/23/2026 18:58	255438
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 18:58	255438
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 18:58	255438
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 18:58	255438
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 18:58	255438
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		13.6	µg/L	5	05/18/2026 20:42	256647
Arsenic	NELAP	1.0		1.7	µg/L	5	05/03/2026 17:59	255438
Lithium	*	3.0		7.1	µg/L	5	05/21/2026 11:19	256647
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/03/2026 17:59	255438
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/03/2026 17:59	255438
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/23/2026 16:04	255467
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.470	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.090	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223
Radium-228 Uncertainty	*	0		0.380	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-012
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP11
 Collection Date: 04/21/2026 10:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		515.15	ft	1	04/21/2026 10:00	R383248
Depth to water	*	-5.00		11.23	ft	1	04/21/2026 10:00	R383248
Depth to water from measuring point	*	0		14.03	ft	1	04/21/2026 10:00	R383248
Elevation of groundwater surface	*	0		524.07	ft	1	04/21/2026 10:00	R383248
Measuring Point Elevation	*	0		538.10	ft	1	04/21/2026 10:00	R383248
Measuring Point Height Above Land Surface	*	0		2.80	ft	1	04/21/2026 10:00	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		6.8	NTU	1	04/21/2026 10:00	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		59.8	°F	1	04/21/2026 10:00	R383248
SW-846 9040B								
pH, Field	*	1.00		6.34		1	04/21/2026 10:00	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		985	µmhos/cm @25C	1	04/21/2026 10:00	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		728	mg/L	1	04/23/2026 10:26	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 15:45	R382935
Chloride	NELAP	5.00		111	mg/L	10	04/26/2026 15:45	R382935
Sulfate	NELAP	10.0		66.5	mg/L	10	04/26/2026 15:45	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		125	µg/L	1	04/23/2026 21:31	255378
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 21:31	255378
Boron	NELAP	20.0		260	µg/L	1	04/23/2026 21:31	255378
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 21:31	255378
Calcium	NELAP	0.100		146	mg/L	1	04/23/2026 21:31	255378
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:31	255378
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:31	255378
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 21:31	255378
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 21:31	255378
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		7.5	µg/L	5	05/20/2026 14:44	255378
Arsenic	NELAP	1.0		< 1.0	µg/L	5	05/15/2026 22:57	255378
Lithium	*	3.0		5.4	µg/L	5	05/04/2026 19:13	255378
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/09/2026 1:03	255378
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/15/2026 22:57	255378
<i>Contamination present in the CCB for Se. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 17:02	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.370	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.030	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223



Laboratory Results

<http://www.teklabinc.com/>

Client: City Water, Light & Power
Client Project: Ash Pond Monitoring Wells
Lab ID: 26041298-012
Matrix: GROUNDWATER

Work Order: 26041298
Report Date: 22-May-26
Client Sample ID: AP11
Collection Date: 04/21/2026 10:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 903.0/904.0, RADIUM 226/228								
Radium-228 Uncertainty	*	0		0.340	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-013
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP12
 Collection Date: 04/21/2026 11:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		510.30	ft	1	04/21/2026 11:15	R383248
Depth to water	*	-5.00		12.77	ft	1	04/21/2026 11:15	R383248
Depth to water from measuring point	*	0		15.67	ft	1	04/21/2026 11:15	R383248
Elevation of groundwater surface	*	0		525.03	ft	1	04/21/2026 11:15	R383248
Measuring Point Elevation	*	0		540.70	ft	1	04/21/2026 11:15	R383248
Measuring Point Height Above Land Surface	*	0		2.90	ft	1	04/21/2026 11:15	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		80	NTU	1	04/21/2026 11:15	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		59.7	°F	1	04/21/2026 11:15	R383248
SW-846 9040B								
pH, Field	*	1.00		6.35		1	04/21/2026 11:15	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1330	µmhos/cm @25C	1	04/21/2026 11:15	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1240	mg/L	1	04/23/2026 10:26	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 16:36	R382935
Chloride	NELAP	5.00		110	mg/L	10	04/26/2026 16:36	R382935
Sulfate	NELAP	10.0		375	mg/L	10	04/26/2026 16:36	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		66.7	µg/L	1	04/23/2026 21:33	255378
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 21:33	255378
Boron	NELAP	20.0		27.2	µg/L	1	04/23/2026 21:33	255378
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 21:33	255378
Calcium	NELAP	0.100	S	198	mg/L	1	04/23/2026 21:33	255378
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:33	255378
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:33	255378
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 21:33	255378
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 21:33	255378
<i>Matrix spike control limits for Ca are not applicable due to high sample/spike ratio.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		6.8	µg/L	5	05/20/2026 14:47	255378
Arsenic	NELAP	1.0		< 1.0	µg/L	5	05/15/2026 23:06	255378
Lithium	*	3.0		4.7	µg/L	5	05/04/2026 19:17	255378
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/15/2026 23:06	255378
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/15/2026 23:06	255378
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 17:04	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.430	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.040	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223



Laboratory Results

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Client: City Water, Light & Power
Client Project: Ash Pond Monitoring Wells
Lab ID: 26041298-013
Matrix: GROUNDWATER

Work Order: 26041298
Report Date: 22-May-26
Client Sample ID: AP12
Collection Date: 04/21/2026 11:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 903.0/904.0, RADIUM 226/228								
Radium-228 Uncertainty	*	0		0.390	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-014
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP13
 Collection Date: 04/21/2026 11:44

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		511.00	ft	1	04/21/2026 11:44	R383248
Depth to water	*	-5.00		13.64	ft	1	04/21/2026 11:44	R383248
Depth to water from measuring point	*	0		17.04	ft	1	04/21/2026 11:44	R383248
Elevation of groundwater surface	*	0		524.96	ft	1	04/21/2026 11:44	R383248
Measuring Point Elevation	*	0		542.00	ft	1	04/21/2026 11:44	R383248
Measuring Point Height Above Land Surface	*	0		3.40	ft	1	04/21/2026 11:44	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		6.2	NTU	1	04/21/2026 11:44	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		59.0	°F	1	04/21/2026 11:44	R383248
SW-846 9040B								
pH, Field	*	1.00		6.58		1	04/21/2026 11:44	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		751	µmhos/cm @25C	1	04/21/2026 11:44	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		642	mg/L	1	04/23/2026 10:26	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 17:01	R382935
Chloride	NELAP	5.00		25.1	mg/L	10	04/26/2026 17:01	R382935
Sulfate	NELAP	10.0		100	mg/L	10	04/26/2026 17:01	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		119	µg/L	1	04/23/2026 21:38	255378
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 21:38	255378
Boron	NELAP	20.0		38.8	µg/L	1	04/23/2026 21:38	255378
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 21:38	255378
Calcium	NELAP	0.100		117	mg/L	1	04/23/2026 21:38	255378
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:38	255378
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:38	255378
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 21:38	255378
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 21:38	255378
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		6.4	µg/L	5	05/20/2026 14:57	255378
Arsenic	NELAP	1.0		< 1.0	µg/L	5	05/17/2026 13:37	255378
Lithium	*	3.0		10.5	µg/L	5	05/04/2026 19:42	255378
Selenium	NELAP	1.0		2.9	µg/L	5	05/09/2026 1:21	255378
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/15/2026 23:10	255378
<i>Sample result(s) for Se exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 17:11	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.440	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.060	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
Client Project: Ash Pond Monitoring Wells
Lab ID: 26041298-014
Matrix: GROUNDWATER

Work Order: 26041298
Report Date: 22-May-26
Client Sample ID: AP13
Collection Date: 04/21/2026 11:44

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 903.0/904.0, RADIUM 226/228								
Radium-228 Uncertainty	*	0		0.380	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-015
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AP14
 Collection Date: 04/21/2026 12:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		508.40	ft	1	04/21/2026 12:35	R383248
Depth to water	*	-5.00		-0.19	ft	1	04/21/2026 12:35	R383248
Depth to water from measuring point	*	0		2.61	ft	1	04/21/2026 12:35	R383248
Elevation of groundwater surface	*	0		536.99	ft	1	04/21/2026 12:35	R383248
Measuring Point Elevation	*	0		539.60	ft	1	04/21/2026 12:35	R383248
Measuring Point Height Above Land Surface	*	0		2.80	ft	1	04/21/2026 12:35	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		3.4	NTU	1	04/21/2026 12:35	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		64.6	°F	1	04/21/2026 12:35	R383248
SW-846 9040B								
pH, Field	*	1.00		6.91		1	04/21/2026 12:35	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1510	µmhos/cm @25C	1	04/21/2026 12:35	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		2200	mg/L	1	04/23/2026 10:26	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 17:14	R382935
Chloride	NELAP	5.00		121	mg/L	10	04/26/2026 17:14	R382935
Sulfate	NELAP	10.0		1070	mg/L	10	04/26/2026 17:14	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		52.1	µg/L	1	04/23/2026 21:47	255378
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 21:47	255378
Boron	NELAP	200		25900	µg/L	10	04/27/2026 15:48	255378
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 21:47	255378
Calcium	NELAP	0.100		326	mg/L	1	04/23/2026 21:47	255378
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:47	255378
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:47	255378
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 21:47	255378
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 21:47	255378
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		7.1	µg/L	5	05/20/2026 15:28	255378
Arsenic	NELAP	1.0		< 1.0	µg/L	5	05/15/2026 23:40	255378
Lithium	*	3.0		7.0	µg/L	5	05/04/2026 19:47	255378
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/09/2026 1:26	255378
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/15/2026 23:40	255378
<i>Contamination present in the CCB for Se. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 17:13	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.320	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.050	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
Client Project: Ash Pond Monitoring Wells
Lab ID: 26041298-015
Matrix: GROUNDWATER

Work Order: 26041298
Report Date: 22-May-26
Client Sample ID: AP14
Collection Date: 04/21/2026 12:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 903.0/904.0, RADIUM 226/228								
Radium-228 Uncertainty	*	0		0.270	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-016
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: T-01
 Collection Date: 04/21/2026 12:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		512.70	ft	1	04/21/2026 12:20	R383248
Depth to water	*	-5.00		12.49	ft	1	04/21/2026 12:20	R383248
Depth to water from measuring point	*	0		12.82	ft	1	04/21/2026 12:20	R383248
Elevation of groundwater surface	*	0		522.83	ft	1	04/21/2026 12:20	R383248
Measuring Point Elevation	*	0		535.65	ft	1	04/21/2026 12:20	R383248
Measuring Point Height Above Land Surface	*	0		0.33	ft	1	04/21/2026 12:20	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		13	NTU	1	04/21/2026 12:20	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		61.8	°F	1	04/21/2026 12:20	R383248
SW-846 9040B								
pH, Field	*	1.00		6.34		1	04/21/2026 12:20	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1270	µmhos/cm @25C	1	04/21/2026 12:20	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		946	mg/L	1	04/23/2026 11:13	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 17:26	R382935
Chloride	NELAP	5.00		233	mg/L	10	04/26/2026 17:26	R382935
Sulfate	NELAP	10.0		114	mg/L	10	04/26/2026 17:26	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		65.7	µg/L	1	04/23/2026 21:49	255378
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 21:49	255378
Boron	NELAP	20.0		214	µg/L	1	04/23/2026 21:49	255378
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 21:49	255378
Calcium	NELAP	0.100		150	mg/L	1	04/23/2026 21:49	255378
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:49	255378
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:49	255378
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 21:49	255378
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 21:49	255378
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		7.1	µg/L	5	05/20/2026 15:32	255378
Arsenic	NELAP	1.0		< 1.0	µg/L	5	05/17/2026 13:44	255378
Lithium	*	3.0		12.8	µg/L	5	05/04/2026 19:51	255378
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/09/2026 1:30	255378
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/15/2026 23:44	255378
<i>Contamination present in the CCB for Se. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 17:15	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.470	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.060	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
Client Project: Ash Pond Monitoring Wells
Lab ID: 26041298-016
Matrix: GROUNDWATER

Work Order: 26041298
Report Date: 22-May-26
Client Sample ID: T-01
Collection Date: 04/21/2026 12:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 903.0/904.0, RADIUM 226/228								
Radium-228 Uncertainty	*	0		0.410	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-017
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: T-02
 Collection Date: 04/21/2026 10:34

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		515.18	ft	1	04/21/2026 10:34	R383248
Depth to water	*	-5.00		23.36	ft	1	04/21/2026 10:34	R383248
Depth to water from measuring point	*	0		25.76	ft	1	04/21/2026 10:34	R383248
Elevation of groundwater surface	*	0		523.86	ft	1	04/21/2026 10:34	R383248
Measuring Point Elevation	*	0		549.62	ft	1	04/21/2026 10:34	R383248
Measuring Point Height Above Land Surface	*	0		2.40	ft	1	04/21/2026 10:34	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		3.3	NTU	1	04/21/2026 10:34	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		59.0	°F	1	04/21/2026 10:34	R383248
SW-846 9040B								
pH, Field	*	1.00		6.37		1	04/21/2026 10:34	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1910	µmhos/cm @25C	1	04/21/2026 10:34	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1780	mg/L	1	04/23/2026 11:13	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 18:04	R382935
Chloride	NELAP	5.00		535	mg/L	10	04/26/2026 18:04	R382935
Sulfate	NELAP	10.0		138	mg/L	10	04/26/2026 18:04	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		226	µg/L	1	04/23/2026 22:12	255376
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 22:12	255376
Boron	NELAP	20.0		55.0	µg/L	1	04/23/2026 22:12	255376
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 22:12	255376
Calcium	NELAP	0.100		242	mg/L	1	04/23/2026 22:12	255376
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:12	255376
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:12	255376
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 22:12	255376
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 22:12	255376
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		< 1.0	µg/L	5	05/01/2026 23:10	255376
Arsenic	NELAP	1.0		4.3	µg/L	5	05/01/2026 23:10	255376
Lithium	*	3.0		37.2	µg/L	5	05/01/2026 23:10	255376
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/01/2026 23:10	255376
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/01/2026 23:10	255376
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 17:17	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/05/2026 8:35	R384223
Combined 226/228 Uncertainty	*	0		0.140	+/-	1	05/05/2026 8:35	R384223
Radium-226	*	1.00		ND	pci/L	1	05/05/2026 8:35	R384223
Radium-226 Uncertainty	*	0		0.100	+/-	1	05/05/2026 8:35	R384223
Radium-228	*	1.00		ND	pci/L	1	05/04/2026 13:02	R384223
Radium-228 Uncertainty	*	0		0.400	+/-	1	05/04/2026 13:02	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-018
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: T-04
 Collection Date: 04/21/2026 10:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		521.52	ft	1	04/21/2026 10:24	R383248
Depth to water	*	-5.00		16.27	ft	1	04/21/2026 10:24	R383248
Depth to water from measuring point	*	0		18.65	ft	1	04/21/2026 10:24	R383248
Elevation of groundwater surface	*	0		530.29	ft	1	04/21/2026 10:24	R383248
Measuring Point Elevation	*	0		548.94	ft	1	04/21/2026 10:24	R383248
Measuring Point Height Above Land Surface	*	0		2.38	ft	1	04/21/2026 10:24	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		12	NTU	1	04/21/2026 10:24	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		56.3	°F	1	04/21/2026 10:24	R383248
SW-846 9040B								
pH, Field	*	1.00		6.51		1	04/21/2026 10:24	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		479	µmhos/cm @25C	1	04/21/2026 10:24	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		554	mg/L	1	04/23/2026 11:13	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 18:17	R382935
Chloride	NELAP	5.00		ND	mg/L	10	04/26/2026 18:17	R382935
Sulfate	NELAP	10.0		127	mg/L	10	04/26/2026 18:17	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		54.9	µg/L	1	04/23/2026 22:14	255376
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 22:14	255376
Boron	NELAP	20.0		63.8	µg/L	1	04/23/2026 22:14	255376
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 22:14	255376
Calcium	NELAP	0.100	S	96.1	mg/L	1	04/23/2026 22:14	255376
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:14	255376
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:14	255376
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 22:14	255376
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 22:14	255376
<i>Matrix spike control limits for Ca are not applicable due to high sample/spike ratio.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		< 1.0	µg/L	5	05/01/2026 23:13	255376
Arsenic	NELAP	1.0		4.9	µg/L	5	05/01/2026 23:13	255376
Lithium	*	3.0		16.3	µg/L	5	05/01/2026 23:13	255376
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/01/2026 23:13	255376
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/01/2026 23:13	255376
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/23/2026 16:15	255467
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/06/2026 6:28	R384223
Combined 226/228 Uncertainty	*	0		0.660	+/-	1	05/06/2026 6:28	R384223
Radium-226	*	1.00		ND	pci/L	1	05/06/2026 6:28	R384223
Radium-226 Uncertainty	*	0		0.090	+/-	1	05/06/2026 6:28	R384223
Radium-228	*	1.00		ND	pci/L	1	05/05/2026 13:50	R384223

Client: City Water, Light & Power
Client Project: Ash Pond Monitoring Wells
Lab ID: 26041298-018
Matrix: GROUNDWATER

Work Order: 26041298
Report Date: 22-May-26
Client Sample ID: T-04
Collection Date: 04/21/2026 10:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 903.0/904.0, RADIUM 226/228								
Radium-228 Uncertainty	*	0		0.570	+/-	1	05/05/2026 13:50	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-019
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: T-05
 Collection Date: 04/21/2026 10:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		518.32	ft	1	04/21/2026 10:40	R383248
Depth to water	*	-5.00		3.53	ft	1	04/21/2026 10:40	R383248
Depth to water from measuring point	*	0		6.04	ft	1	04/21/2026 10:40	R383248
Elevation of groundwater surface	*	0		534.62	ft	1	04/21/2026 10:40	R383248
Measuring Point Elevation	*	0		540.66	ft	1	04/21/2026 10:40	R383248
Measuring Point Height Above Land Surface	*	0		2.51	ft	1	04/21/2026 10:40	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		15	NTU	1	04/21/2026 10:40	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		59.3	°F	1	04/21/2026 10:40	R383248
SW-846 9040B								
pH, Field	*	1.00		6.62		1	04/21/2026 10:40	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		341	µmhos/cm @25C	1	04/21/2026 10:40	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		344	mg/L	1	04/23/2026 11:13	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 18:30	R382935
Chloride	NELAP	5.00		ND	mg/L	10	04/26/2026 18:30	R382935
Sulfate	NELAP	10.0		39.3	mg/L	10	04/26/2026 18:30	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		51.7	µg/L	1	04/23/2026 22:19	255376
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 22:19	255376
Boron	NELAP	20.0		74.5	µg/L	1	04/23/2026 22:19	255376
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 22:19	255376
Calcium	NELAP	0.100		58.6	mg/L	1	04/23/2026 22:19	255376
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:19	255376
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 22:19	255376
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 22:19	255376
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 22:19	255376
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		< 1.0	µg/L	5	05/01/2026 23:21	255376
Arsenic	NELAP	1.0		< 1.0	µg/L	5	05/01/2026 23:21	255376
Lithium	*	3.0		8.7	µg/L	5	05/01/2026 23:21	255376
Selenium	NELAP	1.0		2.3	µg/L	5	05/01/2026 23:21	255376
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/01/2026 23:21	255376
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 17:19	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/06/2026 6:28	R384223
Combined 226/228 Uncertainty	*	0		0.650	+/-	1	05/06/2026 6:28	R384223
Radium-226	*	1.00		ND	pci/L	1	05/06/2026 6:28	R384223
Radium-226 Uncertainty	*	0		0.070	+/-	1	05/06/2026 6:28	R384223
Radium-228	*	1.00		ND	pci/L	1	05/05/2026 13:50	R384223
Radium-228 Uncertainty	*	0		0.580	+/-	1	05/05/2026 13:50	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-020
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: T-06
 Collection Date: 04/21/2026 10:54

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		494.70	ft	1	04/21/2026 10:54	R383248
Depth to water	*	-5.00		9.62	ft	1	04/21/2026 10:54	R383248
Depth to water from measuring point	*	0		11.98	ft	1	04/21/2026 10:54	R383248
Elevation of groundwater surface	*	0		526.34	ft	1	04/21/2026 10:54	R383248
Measuring Point Elevation	*	0		538.32	ft	1	04/21/2026 10:54	R383248
Measuring Point Height Above Land Surface	*	0		2.36	ft	1	04/21/2026 10:54	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		4.9	NTU	1	04/21/2026 10:54	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		60.6	°F	1	04/21/2026 10:54	R383248
SW-846 9040B								
pH, Field	*	1.00		7.06		1	04/21/2026 10:54	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		653	µmhos/cm @25C	1	04/21/2026 10:54	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		584	mg/L	1	04/23/2026 12:08	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 18:42	R382935
Chloride	NELAP	5.00		19.6	mg/L	10	04/26/2026 18:42	R382935
Sulfate	NELAP	10.0		ND	mg/L	10	04/26/2026 18:42	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		322	µg/L	1	04/23/2026 21:50	255378
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 21:50	255378
Boron	NELAP	20.0		220	µg/L	1	04/23/2026 21:50	255378
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 21:50	255378
Calcium	NELAP	0.100	S	97.2	mg/L	1	04/23/2026 21:50	255378
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:50	255378
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 21:50	255378
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 21:50	255378
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 21:50	255378
<i>Matrix spike control limits for Ca are not applicable due to high sample/spike ratio.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		7.0	µg/L	5	05/20/2026 15:36	255378
Arsenic	NELAP	1.0		< 1.0	µg/L	5	05/15/2026 23:53	255378
Lithium	*	3.0		7.2	µg/L	5	05/04/2026 19:55	255378
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/15/2026 23:53	255378
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/15/2026 23:53	255378
<i>Contamination present in the MBLK for As. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/22/2026 17:21	255394
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/06/2026 6:28	R384223
Combined 226/228 Uncertainty	*	0		0.770	+/-	1	05/06/2026 6:28	R384223
Radium-226	*	1.00		ND	pci/L	1	05/06/2026 6:28	R384223
Radium-226 Uncertainty	*	0		0.110	+/-	1	05/06/2026 6:28	R384223

Client: City Water, Light & Power
Client Project: Ash Pond Monitoring Wells
Lab ID: 26041298-020
Matrix: GROUNDWATER

Work Order: 26041298
Report Date: 22-May-26
Client Sample ID: T-06
Collection Date: 04/21/2026 10:54

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 903.0/904.0, RADIUM 226/228								
Radium-228	*	1.00		ND	pCi/L	1	05/05/2026 13:50	R384223
Radium-228 Uncertainty	*	0		0.660	+/-	1	05/05/2026 13:50	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-021
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: AW-1
 Collection Date: 04/23/2026 10:02

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		500.79	ft	1	04/23/2026 10:02	R383248
Depth to water	*	-5.00		12.21	ft	1	04/23/2026 10:02	R383248
Depth to water from measuring point	*	0		14.96	ft	1	04/23/2026 10:02	R383248
Elevation of groundwater surface	*	0		540.64	ft	1	04/23/2026 10:02	R383248
Measuring Point Elevation	*	0		555.60	ft	1	04/23/2026 10:02	R383248
Measuring Point Height Above Land Surface	*	0		2.75	ft	1	04/23/2026 10:02	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		63	NTU	1	04/23/2026 10:02	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		63.6	°F	1	04/23/2026 10:02	R383248
SW-846 9040B								
pH, Field	*	1.00		6.72		1	04/23/2026 10:02	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1290	µmhos/cm @25C	1	04/23/2026 10:02	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1180	mg/L	1	04/27/2026 9:30	R383124
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 19:33	R382935
Chloride	NELAP	5.00		36.5	mg/L	10	04/26/2026 19:33	R382935
Sulfate	NELAP	10.0		394	mg/L	10	04/26/2026 19:33	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		118	µg/L	1	05/01/2026 12:12	255531
Beryllium	NELAP	0.5		< 0.5	µg/L	1	05/01/2026 12:12	255531
Boron	NELAP	20.0		10500	µg/L	1	05/01/2026 12:12	255531
Cadmium	NELAP	2.0		< 2.0	µg/L	1	05/01/2026 12:12	255531
Calcium	NELAP	0.100		195	mg/L	1	04/27/2026 17:55	255531
Chromium	NELAP	5.0		< 5.0	µg/L	1	05/01/2026 12:12	255531
Cobalt	NELAP	5.0		< 5.0	µg/L	1	05/01/2026 12:12	255531
Lead	NELAP	7.5		< 7.5	µg/L	1	05/01/2026 12:12	255531
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	05/01/2026 12:12	255531
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		< 1.0	µg/L	5	05/13/2026 18:02	255531
Arsenic	NELAP	1.0		20.2	µg/L	5	05/13/2026 18:02	255531
Lithium	*	3.0		11.9	µg/L	5	05/04/2026 23:14	255531
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/13/2026 18:02	255531
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/14/2026 23:40	255531
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/27/2026 16:19	255547
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	05/06/2026 6:28	R384223
Combined 226/228 Uncertainty	*	0		0.640	+/-	1	05/06/2026 6:28	R384223
Radium-226	*	1.00		ND	pci/L	1	05/06/2026 6:28	R384223
Radium-226 Uncertainty	*	0		0.060	+/-	1	05/06/2026 6:28	R384223
Radium-228	*	1.00		ND	pci/L	1	05/05/2026 13:50	R384223
Radium-228 Uncertainty	*	0		0.580	+/-	1	05/05/2026 13:50	R384223

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26041298-022
 Matrix: GROUNDWATER

Work Order: 26041298
 Report Date: 22-May-26
 Client Sample ID: G120
 Collection Date: 04/22/2026 10:23

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		502.73	ft	1	04/22/2026 10:23	R383248
Depth to water	*	-5.00		16.43	ft	1	04/22/2026 10:23	R383248
Depth to water from measuring point	*	0		16.43	ft	1	04/22/2026 10:23	R383248
Elevation of groundwater surface	*	0		536.67	ft	1	04/22/2026 10:23	R383248
Measuring Point Elevation	*	0		553.10	ft	1	04/22/2026 10:23	R383248
Measuring Point Height Above Land Surface	*	0		0	ft	1	04/22/2026 10:23	R383248
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		83	NTU	1	04/22/2026 10:23	R383248
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		64.8	°F	1	04/22/2026 10:23	R383248
SW-846 9040B								
pH, Field	*	1.00		6.69		1	04/22/2026 10:23	R383248
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1780	µmhos/cm @25C	1	04/22/2026 10:23	R383248
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1630	mg/L	1	04/23/2026 12:08	R382858
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	04/26/2026 19:46	R382935
Chloride	NELAP	5.00		36.0	mg/L	10	04/26/2026 19:46	R382935
Sulfate	NELAP	10.0		559	mg/L	10	04/26/2026 19:46	R382935
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		502	µg/L	1	04/23/2026 18:59	255438
Beryllium	NELAP	0.5		< 0.5	µg/L	1	04/23/2026 18:59	255438
Boron	NELAP	20.0		7190	µg/L	1	04/23/2026 18:59	255438
Cadmium	NELAP	2.0		< 2.0	µg/L	1	04/23/2026 18:59	255438
Calcium	NELAP	0.100		250	mg/L	1	04/23/2026 18:59	255438
Chromium	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 18:59	255438
Cobalt	NELAP	5.0		< 5.0	µg/L	1	04/23/2026 18:59	255438
Lead	NELAP	7.5		< 7.5	µg/L	1	04/23/2026 18:59	255438
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	04/23/2026 18:59	255438
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		13.7	µg/L	5	05/18/2026 20:45	256647
Arsenic	NELAP	1.0		10.6	µg/L	5	05/03/2026 18:03	255438
Lithium	*	3.0		7.5	µg/L	5	05/14/2026 9:12	255438
Selenium	NELAP	1.0		< 1.0	µg/L	5	05/03/2026 18:03	255438
Thallium	NELAP	2.0		< 2.0	µg/L	5	05/03/2026 18:03	255438
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	04/23/2026 16:21	255467
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		2.72	pci/L	1	05/06/2026 6:28	R384223
Combined 226/228 Uncertainty	*	0		0.930	+/-	1	05/06/2026 6:28	R384223
Radium-226	*	1.00		ND	pci/L	1	05/06/2026 6:28	R384223
Radium-226 Uncertainty	*	0		0.070	+/-	1	05/06/2026 6:28	R384223
Radium-228	*	1.00		2.72	pci/L	1	05/05/2026 13:50	R384223
Radium-228 Uncertainty	*	0		0.860	+/-	1	05/05/2026 13:50	R384223



Receiving Check List

<http://www.teklabinc.com/>

Client: City Water, Light & Power

Work Order: 26041298

Client Project: Ash Pond Monitoring Wells

Report Date: 22-May-26

Carrier: Allison Lampe

Received By: LEH

Completed by:

On:

22-Apr-26

Laura E Henson

Reviewed by:

On:

23-Apr-26

Allison Simpson

Pages to follow:

Chain of custody

5

Extra pages included

70

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 2.4

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☒

Lab ☐

NA ☐

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☒

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

Any No responses must be detailed below or on the COC.

pH strip #104524. - lhenson - 4/22/2026 8:51:31 AM

Additional nitric acid (109879) was needed for T-04 and T-06 upon arrival at the laboratory. - lhenson - 4/22/2026 8:56:15 AM

Samples were received on 4/22/2026 at 14:57 on ice [10.4C, 13.6, 12.8 - LTG#9], pH strip #104524. Additional nitric acid (109879) was needed for 2 of 3 1L AP10 and G120 upon arrival at the laboratory. - ekossakoski - 4/22/2026 4:03:50 PM

Samples were received on 4/23/2026 at 13:04 on ice [18.4C - LTG#9]. pH strip #104524. - CRS/ekossakoski - 4/23/2026 2:27:28 PM

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5-214.4

Client: <u>City Water, Light & Power</u> Address: <u>3100 Stevenson Drive, 2nd Floor Maintenance Building</u> City/State/Zip: <u>Springfield IL 62712</u> Contact: <u>Eric Staley</u> Phone: <u>(217) 757-8610</u> Email: <u>eric.staley@cwlp.com</u> Fax: _____				Samples on: ☐ ICE ☐ BLUE ICE ☒ NO ICE <u>2.4 @ 2°C</u> Preserved in: ☒ LAB ☐ FIELD <u>FOR LAB USE ONLY</u> LAB NOTES: <u>pH 10.4524</u> <u>Added HNO₃ (109879) to T04, T06</u> <u>WA 4/22/24</u> Client Comments: *elevations, pH, conductivity, temperature **Sb As Li Se TI (ICPMS) Ba Be B Cd Ca Cr Co Pb Hg Mo Quarterly monitoring-to be reported electronically																										
Are these samples known to be involved in litigation? If yes, a surcharge will apply: ☐ Yes ☒ No Are these samples known to be hazardous? ☐ Yes ☒ No Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section: ☒ Yes ☐ No Permit on file																														
PROJECT NAME/NUMBER Ash Pond Monitoring Wells				SAMPLE COLLECTOR'S NAME <u>Justin Colp</u>																										
RESULTS REQUESTED ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)				BILLING INSTRUCTIONS																										
Lab Use Only		Sample ID	Date/Time Sampled	Matrix	# and Type of Containers										INDICATE ANALYSIS REQUESTED															
					UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	Field parameters*	Cl F SO4 TDS (T)	Metals (T)**	Radium-226	Radium-228	Combined Radium	Field Turbidity										
26041298-001		RW-3		Groundwater	1	4								✓	✓	✓	✓	✓	✓	✓										
002		AP-1		Groundwater	1	4								✓	✓	✓	✓	✓	✓	✓										
003		AP-2	4-21 1227	Groundwater	1	4								✓	✓	✓	✓	✓	✓	✓										
004		AP-3	4-21 1302	Groundwater	1	4								✓	✓	✓	✓	✓	✓	✓										
005		AP-4	4-21 959	Groundwater	1	4								✓	✓	✓	✓	✓	✓	✓										
006		AP-5	4-21 1200	Groundwater	1	4								✓	✓	✓	✓	✓	✓	✓										
007		AP-6	4-21 1117	Groundwater	1	4								✓	✓	✓	✓	✓	✓	✓										
008		AP-7	4-21 1117	Groundwater	1	4								✓	✓	✓	✓	✓	✓	✓										
009		AP-8	4-21 1156	Groundwater	1	4								✓	✓	✓	✓	✓	✓	✓										
010		AP-9	4-21 950	Groundwater	1	4								✓	✓	✓	✓	✓	✓	✓										
011		AP10		Groundwater	1	4								✓	✓	✓	✓	✓	✓	✓										
Relinquished By				Date/Time	Received By										Date/Time															
<u>Allison Murrell</u>				4-21-26 1450	<u>[Signature]</u>										4/21/26 1450															

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

TEKLAB INC, 120 United Drive, Collinsville, IL 62234 Phone (618) 344-1004

10.4, 13.6

[illegible]

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CHAIN OF CUSTODY

Pg 2 of 2 Workorder # 26041298

TEKLAB INC, 120 United Drive, Collinsville, IL 62234 Phone (618) 344-1004

[illegible]

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CHAIN OF CUSTODY

Pg 2 of 2 Workorder # 26041298

TEKLAB INC, 120 United Drive, Collinsville, IL 62234 Phone (618) 344-1004

Client: <u>City Water, Light & Power</u>				Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE <u>18.4 °C #9</u>																			
Address: <u>3100 Stevenson Drive, 2nd Floor Maintenance Building</u>				Preserved in: ☐ LAB ☒ FIELD <u>FOR LAB USE ONLY</u>																			
City/State/Zip: <u>Springfield IL 62712</u>				LAB NOTES: <u>PHU 104524</u> <u>CLS 4.23.26</u>																			
Contact: <u>Eric Staley</u> Phone: <u>(217) 757-8610</u>				Client Comments:																			
Email: <u>eric.staley@cwlp.com</u> Fax: _____				*elevations, pH, conductivity, temperature																			
Are these samples known to be involved in litigation? If yes, a surcharge will apply: ☐ Yes ☒ No				**Sb As Se Li Tl (ICPMS) Ba Be B Cd Ca Cr Co Pb Hg Mo																			
Are these samples known to be hazardous? ☐ Yes ☒ No				Quarterly monitoring-to be reported electronically																			
Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in the comment section: ☒ Yes ☐ No <u>Permit on file</u>																							
PROJECT NAME/NUMBER				SAMPLE COLLECTOR'S NAME																			
<u>Ash Pond Monitoring Wells</u>				<u>Justin Gelp</u>																			
RESULTS REQUESTED				BILLING INSTRUCTIONS																			
☒ Standard ☐ 1-2 Day (100% Surcharge)																							
☐ Other _____ ☐ 3 Day (50% Surcharge)																							
Lab Use Only												Sample ID											
Date/Time Sampled												Matrix											
26041298-012												AP11											
013												AP12											
014												AP13											
015												AP14											
016												T-01											
017												T-02											
018												T-04											
019												T-05											
020												T-06											
021												AW-1											
022												G120											
Relinquished By												Date/Time											
<u>J. Gelp</u>												<u>4-23-26 1304</u>											
Received By												Date/Time											
<u>Candice Spencer</u>												<u>4-23-26 1304</u>											

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CHAIN OF CUSTODY

Pg 2 of 2 Workorder # 26041298

TEKLAB INC, 120 United Drive, Collinsville, IL 62234 Phone (618) 344-1004

[illegible]

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Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211
Website: <http://www.settek.com>

May 17, 2026

Shelly Hennessy
TEKLAB Inc,
5445 Horseshoe lake Road
Collinsville, IL 62234
TEL:
FAX:
RE: 26041298

Order No.: 26042100

Dear Shelly Hennessy:

Alliance Technical Group - Akron received 22 sample(s) on 4/27/2026 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Woolf". The signature is fluid and cursive, with the first name "Jennifer" written in a larger, more prominent script than the last name "Woolf".

Jennifer Woolf

Project Manager

3310 Win St.
Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 2943, Colorado, Connecticut PH-0828, Florida NELAC E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, ISO/IEC 17025:2017 119125 L22-544, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Maryland 339, Michigan 9988, Minnesota 1780279, Nevada OH009232020-1, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 2019-155, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-19-16, Utah OH009232020-12, Virginia VELAP 10381, West Virginia 9957C



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Case Narrative

WO#: 26042100
Date: 5/17/2026

CLIENT: TEKLAB Inc,
Project: 26041298

WorkOrder Narrative:

26042100: This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Alliance Technical Group Work Order Number assigned to this report.

Alliance Technical Group holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Alliance Technical Group and that of the customer. It cannot be reproduced in any form without the consent of Alliance Technical Group or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Alliance Technical Group is not responsible for use or interpretation of the data included herein.

All results for solid samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

Analytical Sequence Sample Notes:

26042100-001A Radium-228_NPW(904.0): Parent sample and duplicate exhibit a high RPD, results are below reporting limit and do not need reanalysis.

Original

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected above the MDL.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
H	The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
D	The result is reported from a dilution.
E	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
d	Manual integration in which peak was deleted
N	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
P	The second column confirmation exceeded 25% difference.
C	The result has been confirmed by GC/MS.
X	The result was not confirmed when GC/MS Analysis was performed.
B	The analyte was detected in the Method Blank at a concentration greater than the RL.
MB+	The analyte was detected in the Method Blank at a concentration greater than the MDL.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
W	Samples were received outside temperature limits (0° – 6° C). Not Clean Water Act compliant.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

Acronyms

ND	Not Detected	RL	Reporting Limit
QC	Quality Control	MDL	Method Detection Limit
MB	Method Blank	LOD	Level of Detection
LCS	Laboratory Control Sample	LOQ	Level of Quantitation
LCSD	Laboratory Control Sample Duplicate	PQL	Practical Quantitation Limit
QCS	Quality Control Sample	CRQL	Contract Required Quantitation Limit
DUP	Duplicate	PL	Permit Limit
MS	Matrix Spike	RegLvl	Regulatory Limit
MSD	Matrix Spike Duplicate	MCL	Maximum Contamination Limit
RPD	Relative Percent Different	MinCL	Minimum Compound Limit
ICV	Initial Calibration Verification	RA	Reanalysis
ICB	Initial Calibration Blank	RE	Reextraction
CCV	Continuing Calibration Verification	TIC	Tentatively Identified Compound
CCB	Continuing Calibration Blank	RT	Retention Time
RLC	Reporting Limit Check	CF	Calibration Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.



Alliance Technical Group - Akron
3310 Win St.
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TEL: (330) 253-8211
Website: <http://www.settek.com>

Workorder Sample Summary

WO#: 26042100

17-May-26

CLIENT: TEKLAB Inc,
Project: 26041298

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
26042100-001	26041298-001		4/22/2026 11:07:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-002	26041298-002		4/22/2026 10:43:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-003	26041298-003		4/21/2026 12:27:00 PM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-004	26041298-004		4/21/2026 1:02:00 PM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-005	26041298-005		4/21/2026 9:59:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-006	26041298-006		4/21/2026 12:00:00 PM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-007	26041298-007		4/21/2026 11:17:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-008	26041298-008		4/21/2026 11:17:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-009	26041298-009		4/21/2026 11:56:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-010	26041298-010		4/21/2026 9:50:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-011	26041298-011		4/22/2026 10:17:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-012	26041298-012		4/21/2026 10:00:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-013	26041298-013		4/21/2026 11:15:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-014	26041298-014		4/21/2026 11:44:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-015	26041298-015		4/21/2026 12:35:00 PM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-016	26041298-016		4/21/2026 12:20:00 PM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-017	26041298-017		4/21/2026 10:34:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-018	26041298-018		4/21/2026 10:24:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-019	26041298-019		4/21/2026 10:40:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-020	26041298-020		4/21/2026 10:54:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-021	26041298-021		4/23/2026 10:02:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water
26042100-022	26041298-022		4/22/2026 10:23:00 AM	4/27/2026 11:00:00 AM	Non-Potable Water



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DATES REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,
Project: 26041298

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
26042100-001A	26041298-001	4/22/2026 11:07:00 AM	Non-Potable Water	Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-002A	26041298-002	4/22/2026 10:43:00 AM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-003A	26041298-003	4/21/2026 12:27:00 PM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-004A	26041298-004	4/21/2026 1:02:00 PM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-005A	26041298-005	4/21/2026 9:59:00 AM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-006A	26041298-006	4/21/2026 12:00:00 PM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-007A	26041298-007	4/21/2026 11:17:00 AM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-008A	26041298-008			Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM

Original



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DATES REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,
Project: 26041298

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
26042100-008A	26041298-008	4/21/2026 11:17:00 AM	Non-Potable Water	Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-009A	26041298-009	4/21/2026 11:56:00 AM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-010A	26041298-010	4/21/2026 9:50:00 AM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-011A	26041298-011	4/22/2026 10:17:00 AM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-012A	26041298-012	4/21/2026 10:00:00 AM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-013A	26041298-013	4/21/2026 11:15:00 AM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-014A	26041298-014	4/21/2026 11:44:00 AM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-015A	26041298-015	4/21/2026 12:35:00 PM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-016A	26041298-016	4/21/2026 12:20:00 PM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM

Original



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DATES REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,
Project: 26041298

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
26042100-016A	26041298-016	4/21/2026 12:20:00 PM	Non-Potable Water	Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-017A	26041298-017	4/21/2026 10:34:00 AM		Combined Radium (EPA903+904)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 10:24:38 AM	5/5/2026 8:35:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 10:24:38 AM	5/4/2026 1:02:00 PM
26042100-018A	26041298-018	4/21/2026 10:24:00 AM		Combined Radium (EPA903+904)		4/29/2026 1:20:56 PM	5/6/2026 6:28:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 1:20:56 PM	5/6/2026 6:28:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 1:20:56 PM	5/5/2026 1:50:00 PM
26042100-019A	26041298-019	4/21/2026 10:40:00 AM		Combined Radium (EPA903+904)		4/29/2026 1:20:56 PM	5/6/2026 6:28:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 1:20:56 PM	5/6/2026 6:28:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 1:20:56 PM	5/5/2026 1:50:00 PM
26042100-020A	26041298-020	4/21/2026 10:54:00 AM		Combined Radium (EPA903+904)		4/29/2026 1:20:56 PM	5/6/2026 6:28:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 1:20:56 PM	5/6/2026 6:28:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 1:20:56 PM	5/5/2026 1:50:00 PM
26042100-021A	26041298-021	4/23/2026 10:02:00 AM		Combined Radium (EPA903+904)		4/29/2026 1:20:56 PM	5/6/2026 6:28:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 1:20:56 PM	5/6/2026 6:28:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 1:20:56 PM	5/5/2026 1:50:00 PM
26042100-022A	26041298-022	4/22/2026 10:23:00 AM		Combined Radium (EPA903+904)		4/29/2026 1:20:56 PM	5/6/2026 6:28:00 AM
				Radium-226 (EPA 903.0)		4/29/2026 1:20:56 PM	5/6/2026 6:28:00 AM
				Radium-228 (EPA 904.0)		4/29/2026 1:20:56 PM	5/5/2026 1:50:00 PM

Original



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Analytical Report

(consolidated)

WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/22/2026 11:07:00 AM
Project: 26041298
Lab ID: 26042100-001 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-001

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.310	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0500	1	5/5/2026 8:35:00 AM
Yield	1.00					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00	QDR	pCi/L	± 0.260	1	5/4/2026 1:02:00 PM
Yield	0.990					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



Alliance Technical Group - Akron
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Analytical Report

(consolidated)

WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/22/2026 10:43:00 AM
Project: 26041298
Lab ID: 26042100-002 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-002

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.490	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0700	1	5/5/2026 8:35:00 AM
Yield	0.990					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00		pCi/L	± 0.420	1	5/4/2026 1:02:00 PM
Yield	1.00					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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Analytical Report

(consolidated)

WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 12:27:00 PM
Project: 26041298
Lab ID: 26042100-003 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-003

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.460	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0400	1	5/5/2026 8:35:00 AM
Yield	0.960					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00		pCi/L	± 0.420	1	5/4/2026 1:02:00 PM
Yield	0.860					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 1:02:00 PM
Project: 26041298
Lab ID: 26042100-004 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-004

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	2.45	2.00		pCi/L	± 0.650	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0600	1	5/5/2026 8:35:00 AM
Yield	0.980					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	2.45	1.00		pCi/L	± 0.590	1	5/4/2026 1:02:00 PM
Yield	0.990					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 9:59:00 AM
Project: 26041298
Lab ID: 26042100-005 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-005

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.550	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0700	1	5/5/2026 8:35:00 AM
Yield	0.970					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	1.23	1.00		pCi/L	± 0.480	1	5/4/2026 1:02:00 PM
Yield	0.940					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 12:00:00 PM
Project: 26041298
Lab ID: 26042100-006 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-006

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.340	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0400	1	5/5/2026 8:35:00 AM
Yield	1.00					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00		pCi/L	± 0.300	1	5/4/2026 1:02:00 PM
Yield	0.990					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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WO#: **26042100**

Date Reported: **5/17/2026**

CLIENT: TEKLAB Inc, **Collection Date:** 4/21/2026 11:17:00 AM
Project: 26041298
Lab ID: 26042100-007 **Matrix:** NON-POTABLE WATER
Client Sample ID: 26041298-007

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.250	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0400	1	5/5/2026 8:35:00 AM
Yield	1.00					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00		pCi/L	± 0.210	1	5/4/2026 1:02:00 PM
Yield	1.00					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 11:17:00 AM
Project: 26041298
Lab ID: 26042100-008 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-008

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.460	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0500	1	5/5/2026 8:35:00 AM
Yield	0.930					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00		pCi/L	± 0.410	1	5/4/2026 1:02:00 PM
Yield	0.770					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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Analytical Report

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WO#: **26042100**

Date Reported: **5/17/2026**

CLIENT: TEKLAB Inc, **Collection Date:** 4/21/2026 11:56:00 AM
Project: 26041298
Lab ID: 26042100-009 **Matrix:** NON-POTABLE WATER
Client Sample ID: 26041298-009

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228							
COMBINED RADIUM (EPA903+904)				CALCULATION E903-904		Analyst: OS	
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.480	1	5/5/2026 8:35:00 AM
RAD226/228							
RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: OS	
Radium-226	ND	1.00		pCi/L	± 0.0600	1	5/5/2026 8:35:00 AM
Yield	1.00					1	5/5/2026 8:35:00 AM
RAD226/228							
RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: OS	
Radium-228	ND	1.00		pCi/L	± 0.420	1	5/4/2026 1:02:00 PM
Yield	1.00					1	5/4/2026 1:02:00 PM

Qualifiers:

H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode

M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit

Original



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WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 9:50:00 AM
Project: 26041298
Lab ID: 26042100-010 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-010

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.450	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0800	1	5/5/2026 8:35:00 AM
Yield	1.00					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00		pCi/L	± 0.370	1	5/4/2026 1:02:00 PM
Yield	1.00					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/22/2026 10:17:00 AM
Project: 26041298
Lab ID: 26042100-011 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-011

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.470	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0900	1	5/5/2026 8:35:00 AM
Yield	0.990					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00		pCi/L	± 0.380	1	5/4/2026 1:02:00 PM
Yield	0.940					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

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WO#: **26042100**

Date Reported: **5/17/2026**

CLIENT: TEKLAB Inc, **Collection Date:** 4/21/2026 10:00:00 AM
Project: 26041298
Lab ID: 26042100-012 **Matrix:** NON-POTABLE WATER
Client Sample ID: 26041298-012

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228							
COMBINED RADIUM (EPA903+904)				CALCULATION E903-904		Analyst: OS	
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.370	1	5/5/2026 8:35:00 AM
RAD226/228							
RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: OS	
Radium-226	ND	1.00		pCi/L	± 0.0300	1	5/5/2026 8:35:00 AM
Yield	1.00					1	5/5/2026 8:35:00 AM
RAD226/228							
RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: OS	
Radium-228	ND	1.00		pCi/L	± 0.340	1	5/4/2026 1:02:00 PM
Yield	1.00					1	5/4/2026 1:02:00 PM

Qualifiers:

H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode

M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit

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Analytical Report

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WO#: **26042100**

Date Reported: **5/17/2026**

CLIENT:	TEKLAB Inc,	Collection Date:	4/21/2026 11:15:00 AM
Project:	26041298		
Lab ID:	26042100-013	Matrix:	NON-POTABLE WATER
Client Sample ID:	26041298-013		

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228							
COMBINED RADIUM (EPA903+904)				CALCULATION E903-904		Analyst: OS	
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.430	1	5/5/2026 8:35:00 AM
RAD226/228							
RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: OS	
Radium-226	ND	1.00		pCi/L	± 0.0400	1	5/5/2026 8:35:00 AM
Yield	0.980					1	5/5/2026 8:35:00 AM
RAD226/228							
RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: OS	
Radium-228	ND	1.00		pCi/L	± 0.390	1	5/4/2026 1:02:00 PM
Yield	0.980					1	5/4/2026 1:02:00 PM

Qualifiers:	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
	ND	Not Detected	PL	Permit Limit
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	W	Sample container temperature is out of limit as specified at testcode		

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WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 11:44:00 AM
Project: 26041298
Lab ID: 26042100-014 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-014

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.440	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0600	1	5/5/2026 8:35:00 AM
Yield	0.930					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00		pCi/L	± 0.380	1	5/4/2026 1:02:00 PM
Yield	0.920					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 12:35:00 PM
Project: 26041298
Lab ID: 26042100-015 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-015

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.320	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0500	1	5/5/2026 8:35:00 AM
Yield	0.990					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00		pCi/L	± 0.270	1	5/4/2026 1:02:00 PM
Yield	0.990					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 12:20:00 PM
Project: 26041298
Lab ID: 26042100-016 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-016

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.470	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.0600	1	5/5/2026 8:35:00 AM
Yield	0.890					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00		pCi/L	± 0.410	1	5/4/2026 1:02:00 PM
Yield	0.870					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 10:34:00 AM
Project: 26041298
Lab ID: 26042100-017 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-017

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: OS
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.140	1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: OS
Radium-226	ND	1.00		pCi/L	± 0.100	1	5/5/2026 8:35:00 AM
Yield	0.970					1	5/5/2026 8:35:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: OS
Radium-228	ND	1.00		pCi/L	± 0.400	1	5/4/2026 1:02:00 PM
Yield	0.980					1	5/4/2026 1:02:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 10:24:00 AM
Project: 26041298
Lab ID: 26042100-018 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-018

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: TAL
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.660	1	5/6/2026 6:28:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: TAL
Radium-226	ND	1.00		pCi/L	± 0.0900	1	5/6/2026 6:28:00 AM
Yield	1.00					1	5/6/2026 6:28:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: TAL
Radium-228	ND	1.00		pCi/L	± 0.570	1	5/5/2026 1:50:00 PM
Yield	1.00					1	5/5/2026 1:50:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: **26042100**

Date Reported: **5/17/2026**

CLIENT: TEKLAB Inc, **Collection Date:** 4/21/2026 10:40:00 AM
Project: 26041298
Lab ID: 26042100-019 **Matrix:** NON-POTABLE WATER
Client Sample ID: 26041298-019

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)				CALCULATION		E903-904	Analyst: TAL
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.650	1	5/6/2026 6:28:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)				E903.0		E903-904	Analyst: TAL
Radium-226	ND	1.00		pCi/L	± 0.0700	1	5/6/2026 6:28:00 AM
Yield	1.00					1	5/6/2026 6:28:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)				E904.0		E903-904	Analyst: TAL
Radium-228	ND	1.00		pCi/L	± 0.580	1	5/5/2026 1:50:00 PM
Yield	0.970					1	5/5/2026 1:50:00 PM

Qualifiers:	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
	ND	Not Detected	PL	Permit Limit
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	W	Sample container temperature is out of limit as specified at testcode		

Original



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Analytical Report

(consolidated)

WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/21/2026 10:54:00 AM
Project: 26041298
Lab ID: 26042100-020 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-020

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: TAL
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.770	1	5/6/2026 6:28:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: TAL
Radium-226	ND	1.00		pCi/L	± 0.110	1	5/6/2026 6:28:00 AM
Yield	1.00					1	5/6/2026 6:28:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: TAL
Radium-228	ND	1.00		pCi/L	± 0.660	1	5/5/2026 1:50:00 PM
Yield	0.900					1	5/5/2026 1:50:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: **26042100**

Date Reported: **5/17/2026**

CLIENT:	TEKLAB Inc,	Collection Date:	4/23/2026 10:02:00 AM
Project:	26041298		
Lab ID:	26042100-021	Matrix:	NON-POTABLE WATER
Client Sample ID:	26041298-021		

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228							
COMBINED RADIUM (EPA903+904)				CALCULATION E903-904		Analyst: TAL	
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.640	1	5/6/2026 6:28:00 AM
RAD226/228							
RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: TAL	
Radium-226	ND	1.00		pCi/L	± 0.0600	1	5/6/2026 6:28:00 AM
Yield	1.00					1	5/6/2026 6:28:00 AM
RAD226/228							
RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: TAL	
Radium-228	ND	1.00		pCi/L	± 0.580	1	5/5/2026 1:50:00 PM
Yield	1.00					1	5/5/2026 1:50:00 PM

Qualifiers:	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
	ND	Not Detected	PL	Permit Limit
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	W	Sample container temperature is out of limit as specified at testcode		

Original



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Analytical Report

(consolidated)

WO#: 26042100

Date Reported: 5/17/2026

CLIENT: TEKLAB Inc, Collection Date: 4/22/2026 10:23:00 AM
Project: 26041298
Lab ID: 26042100-022 Matrix: NON-POTABLE WATER
Client Sample ID: 26041298-022

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: TAL
Radium-226/Radium-228	2.72	2.00		pCi/L	± 0.930	1	5/6/2026 6:28:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: TAL
Radium-226	ND	1.00		pCi/L	± 0.0700	1	5/6/2026 6:28:00 AM
Yield	1.00					1	5/6/2026 6:28:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: TAL
Radium-228	2.72	1.00		pCi/L	± 0.860	1	5/5/2026 1:50:00 PM
Yield	1.00					1	5/5/2026 1:50:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded M Manual Integration used to determine area response
ND Not Detected PL Permit Limit
R RPD outside accepted recovery limits RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

Original



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QC SUMMARY REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,

Project: 26041298

BatchID: 96083

Sample ID: 26042100-001ADUP	SampType: DUP	TestCode: Radium-228_	Units: pCi/L	Prep Date: 4/29/2026	RunNo: 235795						
Client ID: 26041298-001	Batch ID: 96083	TestNo: E904.0	E903-904	Analysis Date: 5/4/2026	SeqNo: 6182396						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	ND	1.00		0	0			0	0	20	R
Yield	0.980			0	0			0.9900	1.02		

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,

Project: 26041298

BatchID: 96083

Sample ID: MB-96083	SampType: MBLK	TestCode: Radium-228_ Units: pCi/L				Prep Date: 4/29/2026				RunNo: 235795		
Client ID: BatchQC	Batch ID: 96083	TestNo: E904.0		E903-904		Analysis Date: 5/4/2026				SeqNo: 6182386		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-228	ND	1.00		0	0							
Yield	0.890			0	0							

Sample ID: LCS-96083	SampType: LCS	TestCode: Radium-228_ Units: pCi/L				Prep Date: 4/29/2026			RunNo: 235795		
Client ID: BatchQC	Batch ID: 96083	TestNo: E904.0		E903-904		Analysis Date: 5/4/2026			SeqNo: 6182387		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.67	1.00	5.000	0	73.4	50	130				
Yield	1.00			0	0						

Sample ID: LCSD-96083	SampType: LCSD	TestCode: Radium-228_ Units: pCi/L				Prep Date: 4/29/2026			RunNo: 235795		
Client ID: BatchQC	Batch ID: 96083	TestNo: E904.0		E903-904		Analysis Date: 5/4/2026			SeqNo: 6182388		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.45	1.00	5.000	0	69.0	50	130	3.670	6.18	20	
Yield	1.00			0	0			1.000	0		

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,

Project: 26041298

BatchID: 96083

Sample ID: 26042017-001ADUP	SampType: DUP	TestCode: Radium-228_ Units: pCi/L				Prep Date: 4/29/2026				RunNo: 235795	
Client ID: BatchQC	Batch ID: 96083	TestNo: E904.0		E903-904		Analysis Date: 5/4/2026				SeqNo: 6182394	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	ND	1.00		0	0			0	0	20	
Yield	0.990			0	0			0.8700	12.9		

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,

Project: 26041298

BatchID: 96083

Sample ID: 26042100-001ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/L	Prep Date: 4/29/2026	RunNo: 235811						
Client ID: 26041298-001	Batch ID: 96083	TestNo: E903.0	E903-904	Analysis Date: 5/5/2026	SeqNo: 6182734						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.00						0	0	30	
Yield	1.00							1.000	0	0	

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,

Project: 26041298

BatchID: 96083

Sample ID: MB-96083	SampType: MBLK	TestCode: Radium-226_ Units: pCi/L			Prep Date: 4/29/2026				RunNo: 235811		
Client ID: BatchQC	Batch ID: 96083	TestNo: E903.0		E903-904		Analysis Date: 5/5/2026				SeqNo: 6182725	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.00									
Yield	1.00										

Sample ID: LCS-96083	SampType: LCS	TestCode: Radium-226_ Units: pCi/L			Prep Date: 4/29/2026			RunNo: 235811			
Client ID: BatchQC	Batch ID: 96083	TestNo: E903.0		E903-904		Analysis Date: 5/5/2026			SeqNo: 6182726		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	5.05	1.00	5.000	0	101	70	130				

Sample ID: LCSD-96083	SampType: LCSD	TestCode: Radium-226_ Units: pCi/L				Prep Date: 4/29/2026				RunNo: 235811		
Client ID: BatchQC	Batch ID: 96083	TestNo: E903.0		E903-904		Analysis Date: 5/5/2026				SeqNo: 6182727		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-226	5.04	1.00	5.000	0	101	70	130	5.050	0.198	20		

Sample ID: 26042017-001ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/L	Prep Date: 4/29/2026	RunNo: 235811						
Client ID: BatchQC	Batch ID: 96083	TestNo: E903.0	E903-904	Analysis Date: 5/5/2026	SeqNo: 6182732						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,

Project: 26041298

BatchID: 96083

Sample ID: 26042017-001ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/L	Prep Date: 4/29/2026	RunNo: 235811						
Client ID: BatchQC	Batch ID: 96083	TestNo: E903.0	E903-904	Analysis Date: 5/5/2026	SeqNo: 6182732						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.00						0	0	20	
Yield	1.00							1.000	0	0	

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,

Project: 26041298

BatchID: 96084

Sample ID: MB-96084	SampType: MBLK	TestCode: Radium-228_ Units: pCi/L				Prep Date: 4/29/2026				RunNo: 235814		
Client ID: BatchQC	Batch ID: 96084	TestNo: E904.0		E903-904		Analysis Date: 5/5/2026				SeqNo: 6182830		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-228	ND	1.00		0	0							
Yield	1.00			0	0							

Sample ID: LCS-96084	SampType: LCS	TestCode: Radium-228_ Units: pCi/L				Prep Date: 4/29/2026			RunNo: 235814		
Client ID: BatchQC	Batch ID: 96084	TestNo: E904.0		E903-904		Analysis Date: 5/5/2026			SeqNo: 6182831		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.80	1.00	5.000	0	76.0	50	130				QLR
Yield	1.00			0	0						

Sample ID: LCSD-96084	SampType: LCSD	TestCode: Radium-228_ Units: pCi/L				Prep Date: 4/29/2026			RunNo: 235814		
Client ID: BatchQC	Batch ID: 96084	TestNo: E904.0		E903-904		Analysis Date: 5/5/2026			SeqNo: 6182832		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	2.86	1.00	5.000	0	57.2	50	130	3.800	28.2	20	R
Yield	0.940			0	0			1.000	6.19		

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,

Project: 26041298

BatchID: 96084

Sample ID: 26042103-001ADUP	SampType: DUP	TestCode: Radium-228_ Units: pCi/L				Prep Date: 4/29/2026				RunNo: 235814	
Client ID: BatchQC	Batch ID: 96084	TestNo: E904.0		E903-904		Analysis Date: 5/5/2026				SeqNo: 6182842	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.18	1.00		0	0			3.320	4.31	20	
Yield	1.00			0	0			1.000	0		

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,

Project: 26041298

BatchID: 96084

Sample ID: MB-96084	SampType: MBLK	TestCode: Radium-226_	Units: pCi/L	Prep Date: 4/29/2026	RunNo: 235827						
Client ID: BatchQC	Batch ID: 96084	TestNo: E903.0	E903-904	Analysis Date: 5/6/2026	SeqNo: 6183217						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.00									
Yield	1.00										

Sample ID: LCS-96084	SampType: LCS	TestCode: Radium-226_	Units: pCi/L	Prep Date: 4/29/2026	RunNo: 235827						
Client ID: BatchQC	Batch ID: 96084	TestNo: E903.0	E903-904	Analysis Date: 5/6/2026	SeqNo: 6183218						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	5.84	1.00	5.000	0	117	70	130				

Sample ID: LCSD-96084	SampType: LCSD	TestCode: Radium-226_ Units: pCi/L			Prep Date: 4/29/2026				RunNo: 235827		
Client ID: BatchQC	Batch ID: 96084	TestNo: E903.0		E903-904		Analysis Date: 5/6/2026				SeqNo: 6183219	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	5.03	1.00	5.000	0	101	70	130	5.840	14.9	20	

Sample ID: 26042103-001ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/L	Prep Date: 4/29/2026	RunNo: 235827						
Client ID: BatchQC	Batch ID: 96084	TestNo: E903.0	E903-904	Analysis Date: 5/6/2026	SeqNo: 6183229						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211
Website: <http://www.settek.com>

QC SUMMARY REPORT

WO#: 26042100

17-May-26

Client: TEKLAB Inc,

Project: 26041298

BatchID: 96084

Sample ID: 26042103-001ADUP	SampType: DUP	TestCode: Radium-226_ Units: pCi/L			Prep Date: 4/29/2026			RunNo: 235827			
Client ID: BatchQC	Batch ID: 96084	TestNo: E903.0		E903-904	Analysis Date: 5/6/2026			SeqNo: 6183229			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.00						0	0	20	
Yield	1.00							1.000	0	0	

Sample ID: 26042103-002ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/L	Prep Date: 4/29/2026	RunNo: 235827						
Client ID: BatchQC	Batch ID: 96084	TestNo: E903.0	E903-904	Analysis Date: 5/6/2026	SeqNo: 6183231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.00						0	0	20	
Yield	1.00							1.000	0	0	

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original

TEKLAB, INC. Chain of Custody

120 United Drive, Collinsville, IL 62234 Phone (618) 344-1004

26042100

Are the samples chilled? YES ☐ NO ☒ With: ☐ Ice ☐ Blue Ice Preserved in: ☐ Lab ☐ FieldTeklab Inc
120 United Drive
Collinsville, IL 62234Cooler Temp: Sampler: QC Level:

Project#

Contact: Email:

Requested Due Date:

Billing/PO: Phone:

Comments: **Please Issue reports and invoices via email only**
 SHIP to ATG-Akron. Please analyze for Radium 226/228 per 903/904 methods.
 Any changes to analysis/methods must be approved by Teklab, Inc.
 Batch QC and standard EDD are required. State of Sample Origin = IL

10:
 PH: 2, 2, 2
 CPM: 24, 18, 22
 11:
 PH: 2, 2, 2
 CPM: 25, 24, 24

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Unpres	HNO3	H2SO4	NaOH	Other	Matrix	Radium 226/228	Combined Radium	PH	CPM	PH	CPM	PH	CPM
	26041298-001	4/22/2026 11:07	☐	☒	☐	☐	☐	Groundwater	☒	☒	2	28	1	20	1	18
	26041298-002	4/22/2026 10:43	☐	☒	☐	☐	☐	Groundwater	☒	☒	2	24	1	18	1	20
	26041298-003	4/21/2026 12:27	☐	☒	☐	☐	☐	Groundwater	☒	☒	2	30	1	34	1	18
	26041298-004	4/21/2026 13:02	☐	☒	☐	☐	☐	Groundwater	☒	☒	1	28	5	2	36	1
	26041298-005	4/21/2026 9:59	☐	☒	☐	☐	☐	Groundwater	☒	☒	2	26	2	26	1	26
	26041298-006	4/21/2026 12:00	☐	☒	☐	☐	☐	Groundwater	☒	☒	1	24	2	32	1	38
	26041298-007	4/21/2026 11:17	☐	☒	☐	☐	☐	Groundwater	☒	☒	3	2	6	1	30	1
	26041298-008	4/21/2026 11:17	☐	☒	☐	☐	☐	Groundwater	☒	☒	2	24	1	20	2	22
	26041298-009	4/21/2026 11:56	☐	☒	☐	☐	☐	Groundwater	☒	☒	1	28	1	24	1	26
	26041298-010	4/21/2026 9:50	☐	☒	☐	☐	☐	Groundwater	☒	☒						
	26041298-011	4/22/2026 10:17	☐	☒	☐	☐	☐	Groundwater	☒	☒						

*Relinquished By	Date/Time	Received By	Date/Time
<i>Emily Kanaoka</i>	4/23/26 1700	<i>Pain Haines</i>	4/27/26 11:00

Frdk
 Tmp 20.48
 (27.5-0.1)

TEKLAB, INC. Chain of Custody

120 United Drive, Collinsville, IL 62234 Phone (618) 344-1004

26042100

Are the samples chilled? YES ☐ NO ☒ With: ☐ Ice ☐ Blue Ice Preserved in: ☐ Lab ☐ FieldTeklab Inc
120 United Drive
Collinsville, IL 62234Cooler Temp:

Sampler: Teklab

QC Level: 2

13:
PH: 1, 1, 1
CPM: 16, 20, 2112:
PH: 1, 1, 1
CPM: 22, 23, 32

Project# 26041298

Comments: Please Issue reports and invoices via email only

SHIP to ATG-Akron. Please analyze for Radium 226/228 per 903/904 methods.

Any changes to analysis/methods must be approved by Teklab, Inc.

Batch QC and standard EDD are required. State of Sample Origin = IL

Contact: Shelly Hennessy

Email: shennessy@TekLabInc.com

Requested Due Date: Standard TAT

Billing/PO: 40966

Phone: (618) 344-1004 ext 1024

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Unpres	HNO3	H2SO4	NaOH	Other	Matrix	Radium	Comb				PH	CPM			PH	CPM	PH	CPM			
	26041298-012	4/21/2026 10:00	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐	22	1	26	☐	☐	19	1	24	2	26	16
	26041298-013	4/21/2026 11:15	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐		1	28	☐	☐		1	20	2	28	
	26041298-014	4/21/2026 11:44	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐		1	23	☐	☐		1	30	2	24	
	26041298-015	4/21/2026 12:35	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐	21	2	8	☐	☐	18	1	20	1	28	15
	26041298-016	4/21/2026 12:20	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐		1	26	☐	☐		1	38	1	26	
	26041298-017	4/21/2026 10:34	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐		2	36	☐	☐		1	22	1	32	
	26041298-018	4/21/2026 10:24	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐	20	2	22	☐	☐	17	1	22	1	16	14
	26041298-019	4/21/2026 10:40	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐		2	26	☐	☐		1	22	1	20	
	26041298-020	4/21/2026 10:54	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐		2	24	☐	☐		1	14	1	15	
	26041298-021	4/23/2026 10:02	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐				☐	☐						
	26041298-022	4/22/2026 10:23	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐				☐	☐						

*Relinquished By	Date/Time	Received By	Date/Time
Cathy Kanakos	4/23/26 1700	Pamela Cyrenet	4/27/26
			11.00

Temp. 20.4°C
(20.5-21.1)

F2d2X

CS: 4123126

Sample Log-In Check List

Client Name: **TEK-IL-62234-A**

Work Order Number: **26042100**

RcptNo: **1**

Logged by: **Paige J. Yerick** **4/27/2026 11:00:00 AM**

Completed By: **Paige J. Yerick** **4/28/2026 11:53:17 AM**

Reviewed By: **Jennifer Woolf** **5/1/2026 12:33:15 PM**

Paige yerick
Paige yerick
Jennifer Woolf

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? FedEx

Log In

3. Coolers are present? Yes ☒ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☒ No ☐
Custody seals intact on shipping container/cooler? Yes ☒ No ☐ Not Present ☐ NA ☐
No. 9066 Seal Date: 4/23/2026 Signed By:
5. Was an attempt made to cool the samples? Yes ☐ No ☒ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☒ NA ☐
Not required
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels? Yes ☒ No ☐
(Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met? Yes ☒ No ☐
(If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	20.4	Good	Yes		4/23/2026	

Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: RW-3
Sample ID: 001
Date (s): 4/22/2026

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 71 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/22/26 10:47 AM Static Water Level: 9.98 feet below TOC
 Total Depth: 44.01 feet below TOC
 Water Column: 34.03 feet

Purging Activities

Purged By: DC Purge Date: 4/22/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $34.03 \text{ ft.} \times 0.022 = 0.75 \text{ L} \times 3 \text{ Vol.} = 2.25 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 5.00 L
 Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:47	0.0	250	purge start time						
10:55	2.0	↓	7.04	646.80	14.24	1.23	-54.00	5.91	
10:58	2.8		7.02	645.20	14.21	1.12	-59.10	7.09	
11:01	3.5		7.00	646.20	14.37	1.06	-63.70	9.19	
11:04	4.3		6.98	647.90	14.30	1.01	-69.40	9.09	
11:07	5.0		6.97	649.70	14.37	0.97	-75.60	13.19	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/22/2026 11:07
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.97 pH 649.70 Spec. Cond. 14.37 Temp
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 10.56 feet below TOC Drawdown: 0.58 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51215

Form Completed By:

Brett Gillihan

Date: 4/22/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP-1
Sample ID: 002
Date (s): 4/22/2026

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good		Locks	Yes	No
Casing	Good		Protective Casing		X
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 4/22/26 10:28 AM Static Water Level: 9.75 feet below TOC
 Total Depth: 31.08 feet below TOC
 Water Column: 21.33 feet

Purging Activities

Purged By: JC Purge Date: 4/22/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $21.33 \text{ ft.} \times 0.022 = 0.47 \text{ L} \times 3 \text{ Vol.} = 1.41 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.50 L
 Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:29	0.0	250	purge start time						
10:34	1.3	↓	6.55	1,158.50	15.01	1.62	-65.50	6.95	
10:37	2.0		6.54	1,169.20	15.08	1.19	-82.90	5.48	
10:40	2.8		6.52	1,212.90	15.25	1.04	-89.70	4.75	
10:43	3.5		6.49	1,243.80	15.31	0.95	-92.70	3.77	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/22/2026 10:43
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.49 pH 1,243.80 Spec. Cond. 15.31 Temp
 Field Filtered: No Filter Type:
 Water Level: 10.02 feet below TOC Drawdown: 0.27 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By:

Justin Colp

Date:

4/22/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP-2
Sample ID: 003
Date (s): 4/21/2026

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Drew Nieters Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/21/26 12:11 PM Static Water Level: 7.32 feet below TOC
Total Depth: 21.33 feet below TOC
Water Column: 14.01 feet

Purging Activities

Purged By: AL Purge Date: 4/21/2026
Purge Method: Low Flow Well Diameter: 2"
Purge Volume Calculation (L): 14.01 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Light Brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:11	0.0	125	purge start time						
12:21	1.3	↓	6.51	1,406.70	14.03	2.51	15.50	64.23	
12:24	1.6		6.51	1,409.80	14.00	2.01	12.50	38.80	
12:27	2.0		6.50	1,410.00	14.19	1.72	10.20	30.01	

Sampling Activities

Sampled By: DN Sample Date/Time: 4/21/2026 12:27
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.50 pH 1,410.00 Spec. Cond. 14.19 Temp
Field Filtered: No Filter Type: _____
Water Level: 7.42 feet below TOC Drawdown: 0.10 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223337

Form Completed By:

A. Nieters

Date: 4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP-3
Sample ID: 004
Date (s): 4/21/2026

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
 Name: Drew Nieters Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good		Locks	Yes	No
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 4/21/26 12:42 PM Static Water Level: 9.30 feet below TOC
 Total Depth: 20.80 feet below TOC
 Water Column: 11.50 feet

Purging Activities

Purged By: AL Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $11.5 \text{ ft.} \times 0.022 = 0.25 \text{ L} \times 3 \text{ Vol.} = 0.75 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 2.00 L
 Physical appearance of purge water: Cloudy Odor: None Color: Light Brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:42	0.0	100	purge start time						
12:56	1.4	↓	6.57	1,438.90	16.10	2.52	-26.30	226.72	
12:59	1.7		6.57	1,450.40	16.30	2.01	-33.50	153.14	
13:02	2.0		6.56	1,455.40	16.34	1.73	-37.60	104.05	

Sampling Activities

Sampled By: DN Sample Date/Time: 4/21/2026 13:02
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.56 pH 1,455.40 Spec. Cond. 16.34 Temp
 Field Filtered: No Filter Type:
 Water Level: 9.45 feet below TOC Drawdown: 0.15 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223337

Form Completed By:

A. Nieters

Date: 4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP-4
Sample ID: 005
Date (s): 4/21/2026

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
 Name: Drew Nieters Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good		Locks	Yes	No
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 4/21/26 9:35 AM Static Water Level: 10.82 feet below TOC
 Total Depth: 60.41 feet below TOC
 Water Column: 49.59 feet

Purging Activities

Purged By: AL Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $49.59 \text{ ft.} \times 0.022 = 1.09 \text{ L} \times 3 \text{ Vol.} = 3.27 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.00 L
 Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:30	0.0	103	purge start time						
9:50	2.1	↓	6.82	912.70	18.59	4.00	-17.70	44.09	
9:53	2.4		6.81	916.40	18.80	3.90	-31.80	27.16	
9:56	2.7		6.81	920.50	19.03	3.84	-43.20	25.66	
9:59	3.0		6.82	922.00	19.18	3.77	-50.60	22.21	

Sampling Activities

Sampled By: DN Sample Date/Time: 4/21/2026 9:59
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.82 pH 922.00 Spec. Cond. 19.18 Temp
 Field Filtered: No Filter Type:
 Water Level: 11.05 feet below TOC Drawdown: 0.23 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223337

Form Completed By:

A. Nieters

Date: 4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP-5
Sample ID: 006
Date (s): 4/21/2026

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

		Locks
Well Pad	Good	Yes No
Casing	Good	
Protective Casing	Good	X
Reference Mark/Identification	Yes	X

Groundwater Level Measurements

Date/Time Measured: 4/21/26 11:40 AM Static Water Level: 14.66 feet below TOC
 Total Depth: 31.27 feet below TOC
 Water Column: 16.61 feet

Purging Activities

Purged By: JC Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $16.61 \text{ ft.} \times 0.022 = 0.37 \text{ L} \times 3 \text{ Vol.} = 1.11 \text{ L}$ *Based on Low-Flow (3/8" discharge)
 Actual Purge Volume (L): 4.50 L
 Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:41	0.0	237	purge start time						
11:48	1.7	↓	7.06	555.60	14.38	2.63	40.30	3.39	
11:51	2.4		7.03	554.80	14.43	2.17	42.30	2.95	
11:54	3.1		7.02	553.90	14.46	1.94	44.60	2.94	
11:57	3.8		7.01	553.10	14.47	1.80	46.70	2.14	
12:00	4.5		7.01	553.30	14.21	1.73	47.60	2.05	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/21/2026 12:00
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.01 pH 553.30 Spec. Cond. 14.21 Temp
 Field Filtered: No Filter Type:
 Water Level: 16.25 feet below TOC Drawdown: 1.59 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By:

Justin Colp

Date: 4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP-6
Sample ID: 007
Date (s): 4/21/2026

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Drew Nieters Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/21/26 11:11 AM Static Water Level: 10.72 feet below TOC
Total Depth: 39.62 feet below TOC
Water Column: 28.90 feet

Purging Activities

Purged By: AL Purge Date: 4/21/2026
Purge Method: Low Flow Well Diameter: 2"
Purge Volume Calculation (L): $28.9 \text{ ft.} \times 0.022 = 0.64 \text{ L} \times 3 \text{ Vol.} = 1.92 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Clear Odor: Slight Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:00	0.0	118	purge start time						
11:11	1.3	↓	7.21	750.60	17.53	4.57	-68.60	15.30	
11:14	1.6		7.22	753.60	17.96	4.63	-66.40	16.33	
11:17	2.0		7.20	757.30	18.18	4.61	-64.30	20.74	

Sampling Activities

Sampled By: DN Sample Date/Time: 4/21/2026 11:17
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.20 pH 757.30 Spec. Cond. 18.18 Temp
Field Filtered: No Filter Type:
Water Level: 11.81 feet below TOC Drawdown: 1.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223337

Form Completed By:

Allison Lampe

Date: 4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP-7
Sample ID: 008
Date (s): 4/21/2026

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good		Locks	Yes	No
Casing	Good		Protective Casing		X
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 4/21/26 11:02 AM Static Water Level: 12.82 feet below TOC
 Total Depth: 42.52 feet below TOC
 Water Column: 29.70 feet

Purging Activities

Purged By: JC Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $29.7 \text{ ft.} \times 0.022 = 0.65 \text{ L} \times 3 \text{ Vol.} = 1.95 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.50 L
 Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:03	0.0	250	purge start time						
11:08	1.3	↓	7.10	620.00	13.57	0.86	-111.60	2.48	
11:11	2.0		7.06	614.90	13.37	0.64	-108.30	3.24	
11:14	2.8		7.04	614.00	13.34	0.56	-107.30	3.34	
11:17	3.5		7.04	613.80	13.48	0.51	-106.60	3.33	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/21/2026 11:17
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.04 pH 613.80 Spec. Cond. 13.48 Temp
 Field Filtered: No Filter Type:
 Water Level: 16.52 feet below TOC Drawdown: 3.70 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By:

Justin Colp

Date:

4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP-8
Sample ID: 009
Date (s): 4/21/2026

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
 Name: Drew Nieters Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/21/26 11:38 AM Static Water Level: 5.93 feet below TOC
 Total Depth: 39.60 feet below TOC
 Water Column: 33.67 feet

Purging Activities

Purged By: AL Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $33.67 \text{ ft.} \times 0.022 = 0.74 \text{ L} \times 3 \text{ Vol.} = 2.22 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.00 L
 Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:35	0.0	143	purge start time						
11:50	2.1	↓	6.98	939.80	18.31	2.40	-14.30	25.42	
11:53	2.6		6.99	939.30	18.41	2.01	-21.30	24.51	
11:56	3.0		6.99	940.80	19.07	1.72	-26.20	27.16	

Sampling Activities

Sampled By: DN Sample Date/Time: 4/21/2026 11:56
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.99 pH 940.80 Spec. Cond. 19.07 Temp
 Field Filtered: No Filter Type:
 Water Level: 6.85 feet below TOC Drawdown: 0.92 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223337

Form Completed By:

Allison Lampe

Date: 4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP-9
Sample ID: 010
Date (s): 4/21/2026

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good		Locks	Yes	No
Casing	Good		Protective Casing		X
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 4/21/26 9:37 AM Static Water Level: 11.82 feet below TOC
 Total Depth: 39.60 feet below TOC
 Water Column: 27.78 feet

Purging Activities

Purged By: JC Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $27.78 \text{ ft.} \times 0.022 = 0.61 \text{ L} \times 3 \text{ Vol.} = 1.83 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.00 L
 Physical appearance of purge water: Cloudy Odor: None Color: lt brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:37	0.0	231	purge start time						
9:41	0.9	↓	6.69	813.00	15.25	1.94	64.00	72.45	
9:44	1.6		6.72	776.40	15.35	1.75	55.70	96.23	
9:47	2.3		6.73	770.80	15.59	1.74	52.40	88.67	
9:50	3.0		6.74	769.80	15.77	1.72	51.20	81.20	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/21/2026 9:50
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.74 pH 769.80 Spec. Cond. 15.77 Temp
 Field Filtered: No Filter Type:
 Water Level: 12.37 feet below TOC Drawdown: 0.55 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By:

Justin Colp

Date:

4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP10
Sample ID: 011
Date (s): 4/22/2026

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 67 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good		Locks	Yes	No
Casing	Good		Protective Casing		X
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 4/22/26 9:56 AM Static Water Level: 4.60 feet below TOC
 Total Depth: 38.07 feet below TOC
 Water Column: 33.47 feet

Purging Activities

Purged By: JC Purge Date: 4/22/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $33.47 \text{ ft.} \times 0.022 = 0.74 \text{ L} \times 3 \text{ Vol.} = 2.22 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 5.00 L
 Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:57	0.0	250	purge start time						
10:02	1.3	↓	6.52	954.50	15.56	1.84	-83.40	11.62	
10:05	2.0		6.54	924.20	15.48	1.50	-96.40	9.38	
10:08	2.8		6.54	914.80	15.40	1.24	-100.80	7.75	
10:11	3.5		6.54	909.60	15.46	1.09	-102.60	7.71	
10:14	4.3		6.53	904.00	15.50	1.00	-103.20	8.27	
10:17	5.0		6.51	900.80	15.47	0.96	-103.00	9.64	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/22/2026 10:17
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.51 pH 900.80 Spec. Cond. 15.47 Temp
 Field Filtered: No Filter Type:
 Water Level: 4.78 feet below TOC Drawdown: 0.18 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By: 

Date: 4/22/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP11
Sample ID: 012
Date (s): 4/21/2026

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 65 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/21/26 9:34 AM Static Water Level: 14.03 feet below TOC
 Total Depth: 22.95 feet below TOC
 Water Column: 8.92 feet

Purging Activities

Purged By: DC Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $8.92 \text{ ft.} \times 0.022 = 0.2 \text{ L} \times 3 \text{ Vol.} = 0.6 \text{ L}$ *Based on Low-Flow (3/8" discharge)
 Actual Purge Volume (L): 4.50 L
 Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:34	0.0	173	purge start time						
9:48	2.4	↓	6.33	988.40	15.51	1.40	52.00	10.17	
9:51	2.9		6.33	987.00	15.68	1.30	52.50	10.68	
9:54	3.5		6.33	985.60	15.69	1.22	52.40	8.77	
9:57	4.0		6.34	985.20	15.52	1.16	52.20	6.50	
10:00	4.5		6.34	985.10	15.46	1.11	52.00	6.81	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/21/2026 10:00
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.34 pH 985.10 Spec. Cond. 15.46 Temp
 Field Filtered: No Filter Type:
 Water Level: 14.84 feet below TOC Drawdown: 0.81 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51215

Form Completed By:

Brett Gillihan

Date:

4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
 Project Location: Springfield, IL
 W.O. Number (s): 26041298

Monitoring Point: AP12
 Sample ID: 013
 Date (s): 4/21/2026

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 67 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/21/26 10:53 AM Static Water Level: 15.67 feet below TOC
 Total Depth: 30.40 feet below TOC
 Water Column: 14.73 feet

Purging Activities

Purged By: DC Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): 14.73 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 5.00 L
 Physical appearance of purge water: Cloudy Odor: None Color: Rust

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:53	0.0	227	purge start time						
11:03	2.3	↓	6.37	1,331.50	15.45	1.08	27.40	208.04	
11:06	3.0		6.36	1,334.20	15.41	0.97	16.90	148.67	
11:09	3.6		6.35	1,333.70	15.42	0.91	9.40	110.19	
11:12	4.3		6.35	1,334.10	15.25	0.86	4.00	83.88	
11:15	5.0		6.35	1,333.70	15.37	0.84	-0.20	80.31	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/21/2026 11:15
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.35 pH 1,333.70 Spec. Cond. 15.37 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 16.22 feet below TOC Drawdown: 0.55 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51215

Form Completed By:

Brett Gillihan

Date:

4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AP13
Sample ID: 014
Date (s): 4/21/2026

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/21/26 11:27 AM Static Water Level: 17.04 feet below TOC
 Total Depth: 31.00 feet below TOC
 Water Column: 13.96 feet

Purging Activities

Purged By: DC Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $13.96 \text{ ft.} \times 0.022 = 0.31 \text{ L} \times 3 \text{ Vol.} = 0.93 \text{ L}$ *Based on Low-Flow (3/8" discharge)
 Actual Purge Volume (L): 5.00 L
 Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:27	0.0	294	purge start time						
11:32	1.5	↓	6.67	750.30	14.88	1.53	-22.00	10.51	
11:35	2.4		6.62	749.30	14.90	1.10	-36.40	9.16	
11:38	3.2		6.60	750.60	14.90	0.93	-43.60	8.48	
11:41	4.1		6.59	751.70	14.87	0.86	-47.30	7.04	
11:44	5.0		6.58	751.40	14.98	0.82	-49.00	6.15	

Sampling Activities

Sampled By: BG Sample Date/Time: 1/17/1900 11:44
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.58 pH 751.40 Spec. Cond. 14.98 Temp
 Field Filtered: No Filter Type:
 Water Level: 17.38 feet below TOC Drawdown: 0.34 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51215

Form Completed By:

Brett Gillihan

Date: 1/17/1900



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
 Project Location: Springfield, IL
 W.O. Number (s): 26041298

Monitoring Point: AP14
 Sample ID: 015
 Date (s): 4/21/2026

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Locks</th> <th style="width: 50%;">Yes</th> <th style="width: 50%;">No</th> </tr> </thead> <tbody> <tr> <td>Protective Casing</td> <td></td> <td>X</td> </tr> <tr> <td>Well</td> <td></td> <td>X</td> </tr> </tbody> </table>	Locks	Yes	No	Protective Casing		X	Well		X
Locks	Yes		No								
Protective Casing			X								
Well			X								
Casing	<u>Good</u>										
Protective Casing	<u>Good</u>										
Reference Mark/Identification	<u>Yes</u>										

Groundwater Level Measurements

Date/Time Measured: 4/21/26 12:13 PM Static Water Level: 2.61 feet below TOC
 Total Depth: 31.20 feet below TOC
 Water Column: 28.59 feet

Purging Activities

Purged By: JC Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): 28.59 ft. x 0.022 = 0.63 L x 3 Vol. = 1.89 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 7.00 L
 Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:14	0.0	333	purge start time						
12:23	3.0	↓	6.95	1,486.40	16.99	1.25	-48.10	10.68	
12:26	4.0		6.93	1,512.30	17.61	1.10	-52.00	4.82	
12:29	5.0		6.92	1,514.50	17.96	0.98	-54.20	3.75	
12:32	6.0		6.92	1,512.90	17.96	0.91	-55.30	3.57	
12:35	7.0		6.91	1,513.20	18.11	0.88	-55.80	3.44	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/21/2026 12:35
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.91 pH 1,513.20 Spec. Cond. 18.11 Temp
 Field Filtered: No Filter Type:
 Water Level: 2.96 feet below TOC Drawdown: 0.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By: Justin Colp

Date: 4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
 Project Location: Springfield, IL
 W.O. Number (s): 26041298

Monitoring Point: T-01
 Sample ID: 016
 Date (s): 4/21/2026

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 71 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/21/26 11:56 AM Static Water Level: 12.82 feet below TOC
 Total Depth: 22.95 feet below TOC
 Water Column: 10.13 feet

Purging Activities

Purged By: DC Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): 10.13 ft. x 0.022 = 0.22 L x 3 Vol. = 0.66 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.00 L
 Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:56	0.0	167	purge start time						
12:08	2.0	↓	6.34	1,270.30	17.03	1.49	51.90	17.59	
12:11	2.5		6.35	1,270.70	16.81	1.42	51.40	16.91	
12:14	3.0		6.35	1,272.10	16.56	1.41	51.50	15.77	
12:17	3.5		6.34	1,268.20	16.52	1.36	51.80	15.02	
12:20	4.0		6.34	1,269.70	16.56	1.33	52.40	12.75	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/21/2026 12:20
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.34 pH 1,269.70 Spec. Cond. 16.56 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 13.26 feet below TOC Drawdown: 0.44 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51215

Form Completed By:

Brett Gillihan

Date:

4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: T-02
Sample ID: 017
Date (s): 4/21/2026

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 65 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/21/26 10:15 AM Static Water Level: 25.76 feet below TOC
 Total Depth: 34.44 feet below TOC
 Water Column: 8.68 feet

Purging Activities

Purged By: DC Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $8.68 \text{ ft.} \times 0.022 = 0.19 \text{ L} \times 3 \text{ Vol.} = 0.57 \text{ L}$ *Based on Low-Flow (3/8" discharge)
 Actual Purge Volume (L): 4.00 L
 Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:15	0.0	211	purge start time						
10:22	1.5	↓	6.35	1,932.20	14.77	1.50	-16.80	7.34	
10:25	2.1		6.36	1,927.80	14.88	1.29	-25.10	5.39	
10:28	2.7		6.36	1,914.90	14.96	1.18	-26.90	4.29	
10:31	3.4		6.36	1,909.10	15.04	1.11	-27.30	3.65	
10:34	4.0		6.37	1,907.60	15.02	1.06	-28.60	3.29	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/21/2026 10:34
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.37 pH 1,907.60 Spec. Cond. 15.02 Temp
 Field Filtered: No Filter Type:
 Water Level: 26.31 feet below TOC Drawdown: 0.55 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51215

Form Completed By:

Brett Gillihan

Date: 4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: T-04
Sample ID: 018
Date (s): 4/21/2026

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 65 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good			
Casing	Good	Protective Casing		X
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/21/26 10:07 AM Static Water Level: 18.65 feet below TOC
 Total Depth: 27.42 feet below TOC
 Water Column: 8.77 feet

Purging Activities

Purged By: JC Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $8.77 \text{ ft.} \times 0.022 = 0.19 \text{ L} \times 3 \text{ Vol.} = 0.57 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.00 L
 Physical appearance of purge water: Slightly cloudy Odor: None Color: It brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:08	0.0	250	purge start time						
10:12	1.0	↓	6.79	641.30	13.64	1.73	-70.30	51.57	
10:15	1.8		6.60	531.40	13.46	1.54	-35.70	18.01	
10:18	2.5		6.55	475.70	13.22	1.41	-10.30	14.22	
10:21	3.3		6.52	475.30	13.37	1.35	6.90	12.57	
10:24	4.0		6.51	479.00	13.50	1.30	18.50	12.10	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/21/2026 10:24
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.51 pH 479.00 Spec. Cond. 13.50 Temp
 Field Filtered: No Filter Type:
 Water Level: 19.45 feet below TOC Drawdown: 0.80 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By:

Justin Colp

Date:

4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: T-05
Sample ID: 019
Date (s): 4/21/2026

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 67 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing Well		X
Protective Casing	Good			X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/21/26 10:27 AM Static Water Level: 6.04 feet below TOC
 Total Depth: 22.34 feet below TOC
 Water Column: 16.30 feet

Purging Activities

Purged By: JC Purge Date: 4/21/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): 16.3 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.00 L
 Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:27	0.0	231	purge start time						
10:31	0.9	↓	6.63	340.30	15.14	5.27	54.40	15.28	
10:34	1.6		6.61	341.90	15.39	5.12	64.20	12.04	
10:37	2.3		6.61	342.40	15.40	5.04	71.50	11.70	
10:40	3.0		6.62	340.60	15.16	5.05	77.20	15.44	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/21/2026 10:40
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.62 pH 340.60 Spec. Cond. 15.16 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 7.56 feet below TOC Drawdown: 1.52 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By: _____

Justin Colp

Date: 4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: T-06
Sample ID: 020
Date (s): 4/21/2026

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing		X
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/21/26 10:42 AM Static Water Level: 11.98 feet below TOC
Total Depth: 43.62 feet below TOC
Water Column: 31.64 feet

Purging Activities

Purged By: JC Purge Date: 4/21/2026
Purge Method: Low Flow Well Diameter: 2"
Purge Volume Calculation (L): $31.64 \text{ ft.} \times 0.022 = 0.7 \text{ L} \times 3 \text{ Vol.} = 2.1 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:43	0.0	273	purge start time						
10:48	1.4	↓	7.07	649.30	15.39	1.31	-43.90	4.33	
10:51	2.2		7.07	653.50	15.56	1.16	-60.20	4.87	
10:54	3.0		7.06	652.80	15.89	1.05	-74.10	4.87	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/21/2026 10:54
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.06 pH 652.80 Spec. Cond. 15.89 Temp
Field Filtered: No Filter Type:
Water Level: 12.15 feet below TOC Drawdown: 0.17 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By:

Justin Colp

Date: 4/21/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: AW-1
Sample ID: 021
Date (s): 4/23/2026

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good		Locks	Yes	No
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 4/23/26 9:35 AM Static Water Level: 14.96 feet below TOC
 Total Depth: 54.81 feet below TOC
 Water Column: 39.85 feet

Purging Activities

Purged By: DC Purge Date: 4/23/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $39.85 \text{ ft.} \times 0.022 = 0.88 \text{ L} \times 3 \text{ Vol.} = 2.64 \text{ L}$ *Based on Low-Flow (3/8" discharge)
 Actual Purge Volume (L): 6.00 L
 Physical appearance of purge water: Cloudy Odor: None Color: Rust

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:35	0.0	222	purge start time						
9:50	3.3	↓	6.73	1,286.30	17.53	2.28	67.80	91.07	
9:53	4.0		6.73	1,284.30	17.48	2.25	69.40	103.83	
9:56	4.7		6.72	1,283.60	17.50	2.17	70.60	86.58	
9:59	5.3		6.72	1,284.50	17.64	2.04	71.40	63.80	
10:02	6.0		6.72	1,285.20	17.54	2.05	72.00	62.71	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/23/2026 10:02
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.72 pH 1,285.20 Spec. Cond. 17.54 Temp
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 15.52 feet below TOC Drawdown: 0.56 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51215

Form Completed By:

Brett Gillihan

Date:

4/23/2026



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 26041298

Monitoring Point: G120
Sample ID: 022
Date (s): 4/22/2026

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
 Name: Drew Nieters Affiliation: TekLab, Inc.

Weather Conditions

Temp: 71 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☒ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good		Locks	Yes	No
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 4/22/26 9:55 AM Static Water Level: 16.43 feet below TOC
 Total Depth: 50.37 feet below TOC
 Water Column: 33.94 feet

Purging Activities

Purged By: AL Purge Date: 4/22/2026
 Purge Method: Low Flow Well Diameter: 2"
 Purge Volume Calculation (L): $33.94 \text{ ft.} \times 0.022 = 0.75 \text{ L} \times 3 \text{ Vol.} = 2.25 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 5.00 L
 Physical appearance of purge water: Slightly cloudy Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:55	0.0	179	purge start time						
10:14	3.4	↓	6.68	1,795.20	18.23	1.96	-41.50	71.51	
10:17	3.9		6.69	1,791.50	18.30	1.80	-67.50	72.97	
10:20	4.5		6.69	1,788.00	18.21	1.69	-82.70	83.16	
10:23	5.0		6.69	1,778.00	18.23	1.59	-92.70	83.39	

Sampling Activities

Sampled By: DN Sample Date/Time: 4/22/2026 10:23
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.69 pH 1,778.00 Spec. Cond. 18.23 Temp
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 16.55 feet below TOC Drawdown: 0.12 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223337

Form Completed By:

A. Nieters

Date: 4/22/2026



Site Sampling Event: Ash Pond Mon. Wells
LIMS Workorder: 26041298
Technician(s): DC, JC, BG, AL, DN, PY

Field Calibration Log(s)
CWLP- 2Q 2026

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 223357 Technician(s): justin colp Date: 4/21/2026

pH Standards	LIMS ID	Reading (SU & mV)		Date/Time
4.0 Buffer	WC260306A	4.00	122.30	4/21/26 8:59
7.0 Buffer	WC251017B	7.00	-45.80	4/21/26 8:55
10.0 Buffer	WC251017C	10.00	-213.30	4/21/26 9:02
LCS/CCV (7.0 Buffer)	WC251017D			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	110375	1412	4/21/26 9:08

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.96	4/21/26 9:09
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	Barometer (mmHg)	Reading	Date/Time
100%			

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-JC	LCS	4/21/26 9:14	18.2	7.03	1,401	0.88		
CCV-1-JC	CCV	4/21/26 13:03	20.5	7.05	1,424	0.89		

Comments: _____

Field Meter ID: Pine 223357 Technician(s): justin colp Date: 4/22/2026

pH Standards	LIMS ID	Reading (SU & mV)		Date/Time
4.0 Buffer	WC251017A	4.00	121.80	4/22/26 9:17
7.0 Buffer	WC251017B	7.00	-46.80	4/22/26 9:15
10.0 Buffer	WC251017C	10.00	-213.10	4/22/26 9:21
LCS/CCV (7.0 Buffer)	WC251017D			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	110375	1412	4/22/26 9:24

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.93	4/22/26 9:26
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	Barometer (mmHg)	Reading	Date/Time
100%			

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-JC	LCS	4/22/26 9:28	20.8	7.01	1,414	0.95		
CCV-2-JC	CCV	4/22/26 12:57	23.4	7.04	1,393	0.93		

Comments: _____

Site Sampling Event: Ash Pond Mon. Wells
LIMS Workorder: 26041298
Technician(s): DC, JC, BG, AL, DN, PY

Field Calibration Log(s)
CWLP- 2Q 2026

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 223357 Technician(s): justin colp Date: 4/23/2026

pH Standards	LIMS ID	Reading (SU & mV)		Date/Time
4.0 Buffer	WC251017A	4.00	118.80	4/23/26 9:08
7.0 Buffer	WC251017B	7.00	-49.00	4/23/26 9:05
10.0 Buffer	WC251017C	10.00	-213.60	4/23/26 9:12
LCS/CCV (7.0 Buffer)	WC251017D			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	110375	1412	4/23/26 9:17

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.94	4/23/26 9:18
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	Barometer (mmHg)	Reading	Date/Time
100%			

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-JC	LCS	4/23/26 9:19	20.3	7.03	1,407	0.87		
CCV-3-JC	CCV	4/23/26 11:07	21.1	7.01	1,371	0.95		

Comments: _____

Site Sampling Event: Ash Pond Mon. Wells
LIMS Workorder: 26041298
Technician(s): DC, JC, BG, AL, DN, PY

Field Calibration Log(s)
CWLP- 2Q 2026

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 51295 Technician(s): Brett Gillihan Date: 4/21/2026

pH Standards	LIMS ID	Reading (SU & mV)		Date/Time
4.0 Buffer	WC260306A	4.00	129.40	4/21/26 8:55
7.0 Buffer	WC251017B	7.00	-41.00	4/21/26 8:52
10.0 Buffer	WC251017C	10.00	-200.30	4/21/26 9:01
LCS/CCV (7.0 Buffer)	WC251017D			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	110375	1411	4/21/26 9:07

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.32	4/21/26 9:10
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	Barometer (mmHg)	Reading	Date/Time
100%			

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-BG	LCS	4/21/26 9:13	14.9	6.98	1,415	0.37		
CCV-1-BG	CCV	4/21/26 13:05	17.4	6.99	1,419	0.41		

Comments: _____

Field Meter ID: Pine 51215 Technician(s): Brett Gillihan Date: 4/22/2026

pH Standards	LIMS ID	Reading (SU & mV)		Date/Time
4.0 Buffer	WC251017A	4.00	123.90	4/22/26 9:34
7.0 Buffer	WC251017B	7.00	-39.70	4/22/26 9:31
10.0 Buffer	WC251017C	10.00	139.20	1/0/00 0:00
LCS/CCV (7.0 Buffer)	WC251017D			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	110375	1416	4/22/26 9:39

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.41	4/22/26 9:42
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	Barometer (mmHg)	Reading	Date/Time
100%			

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-BG	LCS	4/22/26 9:44	19.1	6.99	1,416	0.42		
CCV-2-BG	CCV	4/22/26 13:11	19.7	7.00	1,415	0.44		

Comments: _____

Site Sampling Event: Ash Pond Mon. Wells
LIMS Workorder: 26041298
Technician(s): DC, JC, BG, AL, DN, PY

Field Calibration Log(s)
CWLP- 2Q 2026

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 51215 Technician(s): Brett Gillihan Date: 4/23/2026

pH Standards	LIMS ID	Reading (SU & mV)		Date/Time
4.0 Buffer	WC251017A	4.00	125.40	4/23/26 9:08
7.0 Buffer	WC251017B	7.00	-37.20	4/23/26 9:01
10.0 Buffer	WC251017C	10.00	-193.40	4/23/26 9:10
LCS/CCV (7.0 Buffer)	WC251017D			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	110375	1412	4/23/26 9:17

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.36	4/23/26 9:21
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	Barometer (mmHg)	Reading	Date/Time
100%			

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-BG	LCS	4/23/26 9:22	19.5	6.99	1,415	0.38		
CCV-3-BG	CCV	4/23/26 12:48	19.8	7.01	1,420	0.42		

Comments: _____

Site Sampling Event: Ash Pond Mon. Wells
LIMS Workorder: 26041298
Technician(s): DC, JC, BG, AL, DN, PY

Field Calibration Log(s)
CWLP- 2Q 2026

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 223337 Technician(s): A.Lampe Date: 4/21/2026

pH Standards	LIMS ID	Reading (SU & mV)		Date/Time
4.0 Buffer	WC260306A	4.00	148.70	4/21/26 9:09
7.0 Buffer	WC251017B	7.00	-26.00	4/21/26 9:12
10.0 Buffer	WC251017C	10.00	-196.20	4/21/26 9:17
LCS/CCV (7.0 Buffer)	WC251017D			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	110375	1412	4/21/26 9:18

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.67	4/21/26 9:22
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	Barometer (mmHg)	Reading	Date/Time
100%			

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-AL	LCS	4/21/26 9:23	18.8	7.07	1,414	0.67		
CCV-1-AL	CCV	4/21/26 13:10	19	7.08	1,374	0.78		

Comments: _____

Field Meter ID: Pine 23337 Technician(s): A.Lampe Date: 4/22/2026

pH Standards	LIMS ID	Reading (SU & mV)		Date/Time
4.0 Buffer	WC251017A	4.00	148.80	4/22/26 9:27
7.0 Buffer	WC251017B	7.00	-27.60	4/22/26 9:29
10.0 Buffer	WC251017C	10.00	-196.90	4/22/26 9:31
LCS/CCV (7.0 Buffer)	WC251017D			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	110375	1412	4/22/26 9:34

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.78	4/22/26 9:36
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	Barometer (mmHg)	Reading	Date/Time
100%			

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-AL	LCS	4/22/26 9:40	19.07	7.05	1,407	0.78		
CCV-2-AL	CCV	4/22/26 12:42	19.8	7.01	1,367	0.96		

Comments: _____

Site Sampling Event: Ash Pond Mon. Wells
LIMS Workorder: 26041298
Technician(s): DC, JC, BG, AL, DN, PY

Field Calibration Log(s)
CWLP- 2Q 2026

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 23337 Technician(s): A.Lampe Date: 4/23/2026

pH Standards	LIMS ID	Reading (SU & mV)		Date/Time
4.0 Buffer	WC251017A	4.00	149.60	4/23/26 9:25
7.0 Buffer	WC251017B	7.00	-27.60	4/23/26 9:27
10.0 Buffer	WC251017C	10.00	-197.50	4/23/26 9:29
LCS/CCV (7.0 Buffer)	WC251017D			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	110375	1412	4/23/26 9:31

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.45	4/23/26 9:32
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	Barometer (mmHg)	Reading	Date/Time
100%			

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-AL	LCS	4/23/26 9:34	19.1	7.08	1,406	0.45		
CCV-3-AL	CCV	4/23/26 11:13	20.8	7.07	1,384	0.87		

Comments: _____

July 08, 2026

Eric Staley
City Water, Light & Power
3100 Stevenson Drive
2nd Floor Maintenance Building
Springfield, IL 62712
TEL: (217) 757-8610
FAX: (217) 757-8615



Illinois	100467
Kansas	E-10374
Kansas	E-10438
Louisiana	05002
Oklahoma	9978

RE: Ash Pond Monitoring Wells

WorkOrder: 26060602

Dear Eric Staley:

TEKLAB, INC received 1 sample on 6/18/2026 1:42:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Shelly A. Hennessy
Project Manager
(618)344-1004
SHennessy@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: City Water, Light & Power

Work Order: 26060602

Client Project: Ash Pond Monitoring Wells

Report Date: 08-Jul-26

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	8
Chain of Custody	Appended

Client: City Water, Light & Power**Work Order:** 26060602**Client Project:** Ash Pond Monitoring Wells**Report Date:** 08-Jul-26**Abbr Definition**

- * Analytes on report marked with an asterisk are not NELAP accredited
- A Total Coliform and/or E. Coli (Result) is absent
- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
- DNI Did not ignite
- DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- NC Data is not acceptable for compliance purposes
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
- P Total Coliform and/or E. Coli (Result) is present
- PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
- RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
- RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
- S Opinion for Colisure analysis is Satisfactory
- SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
- Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
- T.O.P. Top of Pump
- TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
- TNTC Too numerous to count (> 200 CFU)
- U Opinion for Colisure analysis is Unsatisfactory

Client: City Water, Light & Power

Work Order: 26060602

Client Project: Ash Pond Monitoring Wells

Report Date: 08-Jul-26

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: City Water, Light & Power

Work Order: 26060602

Client Project: Ash Pond Monitoring Wells

Report Date: 08-Jul-26

Cooler Receipt Temp: 18.7 °C

An employee of Teklab, Inc. collected the sample(s).

Radium-226 & -228 analysis was performed by Alliance Technical Group. See attached report for results.

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Collinsville

Address 120 United Drive
Collinsville, IL 62234-7433
Phone (618) 344-1004
Fax
Email jhriley@teklabinc.com

Collinsville Air

Address 120 United Drive
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Client: City Water, Light & Power**Work Order:** 26060602**Client Project:** Ash Pond Monitoring Wells**Report Date:** 08-Jul-26

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100467	NELAP	1/31/2027	Collinsville
Kansas	KDHE	E-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2027	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2027	Collinsville
Oklahoma	ODEQ	9978	NELAP	12/31/2026	Collinsville
Arkansas	ADEQ	88-0966		3/14/2027	Collinsville
Illinois	IDPH	17584		5/31/2027	Collinsville
Iowa	IDNR	430		6/1/2028	Collinsville
Kansas	KDHE	E-92716		1/31/2027	Collinsville
Kentucky	KWLCP	KY98050		12/31/2026	Collinsville
Kentucky	KWLCP	KY98006		12/31/2026	Collinsville
Kentucky	UST	0073		1/31/2027	Collinsville
Louisiana	LDEQ	05003		6/30/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 26060602-001
 Matrix: GROUNDWATER

Work Order: 26060602
 Report Date: 08-Jul-26
 Client Sample ID: AP17
 Collection Date: 06/18/2026 11:54

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		495.30	ft	1	06/18/2026 11:54	R386232
Depth to water	*	-5.00		25.64	ft	1	06/18/2026 11:54	R386232
Depth to water from measuring point	*	0		27.95	ft	1	06/18/2026 11:54	R386232
Elevation of groundwater surface	*	0		527.66	ft	1	06/18/2026 11:54	R386232
Measuring Point Elevation	*	0		555.61	ft	1	06/18/2026 11:54	R386232
Measuring Point Height Above Land Surface	*	0		2.31	ft	1	06/18/2026 11:54	R386232
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		7.2	NTU	1	06/18/2026 11:54	R386232
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		68.6	°F	1	06/18/2026 11:54	R386232
SW-846 9040B								
pH, Field	*	1.00		6.83		1	06/18/2026 11:54	R386232
SW-846 9050A								
Spec. Conductance, Field	*	1.00		945	µS/cm	1	06/18/2026 11:54	R386232
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		512	mg/L	1	06/22/2026 9:17	R386246
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	06/20/2026 10:20	R386144
Chloride	NELAP	5.00		16.7	mg/L	10	06/20/2026 10:20	R386144
Sulfate	NELAP	10.0		ND	mg/L	10	06/20/2026 10:20	R386144
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	2.5		218	µg/L	1	06/19/2026 16:59	258454
Beryllium	NELAP	0.5		< 0.5	µg/L	1	06/19/2026 16:59	258454
Boron	NELAP	20.0		160	µg/L	1	06/19/2026 16:59	258454
Cadmium	NELAP	2.0		< 2.0	µg/L	1	06/19/2026 16:59	258454
Calcium	NELAP	0.100		103	mg/L	1	06/19/2026 16:59	258454
Chromium	NELAP	5.0		< 5.0	µg/L	1	06/19/2026 16:59	258454
Cobalt	NELAP	5.0		< 5.0	µg/L	1	06/19/2026 16:59	258454
Lead	NELAP	7.5		< 7.5	µg/L	1	06/19/2026 16:59	258454
Molybdenum	NELAP	10.0		< 10.0	µg/L	1	06/19/2026 16:59	258454
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	1.0		< 1.0	µg/L	5	06/24/2026 13:00	258454
Arsenic	NELAP	1.0		6.2	µg/L	5	06/24/2026 13:00	258454
Lithium	*	3.0		7.9	µg/L	5	06/27/2026 16:02	258454
Selenium	NELAP	1.0		< 1.0	µg/L	5	06/24/2026 13:00	258454
Thallium	NELAP	2.0		< 2.0	µg/L	5	06/24/2026 13:00	258454
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.20		< 0.20	µg/L	1	06/24/2026 11:36	258478
EPA 903.0/904.0, RADIUM 226/228								
Combined 226/228	*	2.00		ND	pci/L	1	07/02/2026 10:05	R387012
Combined 226/228 Uncertainty	*	0		0.340	+/-	1	07/02/2026 10:05	R387012
Radium-226	*	1.00		ND	pci/L	1	07/02/2026 10:05	R387012
Radium-226 Uncertainty	*	0		0.070	+/-	1	07/02/2026 10:05	R387012
Radium-228	*	1.00		ND	pci/L	1	07/01/2026 12:46	R387012
Radium-228 Uncertainty	*	0		0.270	+/-	1	07/01/2026 12:46	R387012



Receiving Check List

<http://www.teklabinc.com/>

Client: City Water, Light & Power

Work Order: 26060602

Client Project: Ash Pond Monitoring Wells

Report Date: 08-Jul-26

Carrier: Justin Colp

Received By: LEH

Completed by:

On:

18-Jun-26

Laura E Henson

Reviewed by:

On:

18-Jun-26

Amber Dilallo

Pages to follow:

Chain of custody

1

Extra pages included

16

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 18.7

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☒

Lab ☐

NA ☐

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☒

No ☐

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

Any No responses must be detailed below or on the COC.

pH strip #104524. -NO/ lhenson - 6/18/2026 2:08:05 PM

☐ Downers Grove, IL ☐ Lenexa, KS
☐ Springfield, IL ☒ Collinsville, IL

pg. 1 of 1 Work order # 26060602

TEKLAB, INC. 120 United Drive - Collinsville, IL 62234 - Phone: (618) 344-1004

Client	City Water, Light & Power	1993
Address	3100 Stevenson Drive Springfield, IL 62712	
Contact	Eric Staley	Phone (217) 757-8610
E-Mail	eric.staley@cwlp.com	Fax (217) 757-8615

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE 18.7 °C LTG# 0

Preserved in: ☐ LAB ☒ FIELD

FOR LAB USE ONLY

Lab Notes:

Client Comments

Report QC LVL:

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☐ No

Are these samples known to be hazardous? If yes, include details of the hazard. ☐ Yes ☐ No

Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. ☐ Yes ☐ No

*elevations, pH, conductivity, temperature

****Sb As Li Se Tl (ICPMS) Ba Be B Cd Ca Cr Co Pb Mo Hg**

[illegible]

Relinquished By	Date/Time	Received By	Date/Time
J. Gelp	6-18-26 1342		6/18/26 1342

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder 111911

F5A59781A2
92B2B6B585
FC027EF3C5
B0B0DF01D5
F5DE06D695

Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield IL
W.O. Number (s): 26060602

Monitoring Point: AP17
Sample ID: 001
Date (s): 6/18/2026

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 67 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good		Locks	Yes	No
Casing	Good		Protective Casing		X
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 6/18/26 11:36 AM Static Water Level: 27.95 feet below TOC
 Total Depth: 60.31 feet below TOC
 Water Column: 32.36 feet

Purging Activities

Purged By: PY Purge Date: 6/18/2026
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): $32.36 \text{ ft.} \times 0.022 = 0.71 \text{ L} \times 3 \text{ Vol.} = 2.13 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 2.50 L
 Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft. below TOC)
11:35	0.0	131	purge start time						
11:39	0.5	↓	7.08	969.90	17.66	1.84	1.90	11.22	28.55
11:42	0.9		6.90	942.50	18.05	1.48	-16.70	8.40	28.60
11:45	1.3		6.83	935.60	18.64	1.43	-26.10	7.65	28.61
11:48	1.7		6.82	938.30	19.13	1.44	-29.90	7.28	28.61
11:51	2.1		6.82	940.90	19.63	1.44	-30.70	7.17	28.61
11:54	2.5		6.83	945.20	20.32	1.42	-30.10	7.18	28.61

Sampling Activities

Sampled By: PY Sample Date/Time: 6/18/2026 11:54
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.83 pH 945.20 Spec. Cond. 20.32 Temp
 Field Filtered: No Filter Type:
 Water Level: 28.72 feet below TOC Drawdown: 0.77 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46864

Form Completed By: Allison Lampe

Date: 6/18/2026



Site Sampling Event: Ash Pond Mon Wells
LIMS Workorder: 26060602
Technician(s): DC, JC, BG, AL, PY

Field Calibration Log(s)
CWLP- 2Q 2026

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 46864 Technician(s): A.Lampe Date: 6/18/2026

pH Standards	LIMS ID	Reading (SU & mV)		Date/Time
4.0 Buffer	WC260305A	4.00	126.70	6/18/26 8:39
7.0 Buffer	WC260305B	7.00	-49.80	6/18/26 8:41
10.0 Buffer	WC260305C	10.00	-214.10	6/18/26 8:45
LCS/CCV (7.0 Buffer)	WC260305D			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	110375	1412	6/18/26 8:47

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.73	6/18/26 8:51
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time
		131	6/23/26 10:28

D.O. Saturation	Barometer (mmHg)	Reading	Date/Time
100%			

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-AL	LCS	6/18/26 8:52	22.7	7.08	1,411	0.73		
CCV-2-AL	CCV	6/18/26 12:01	22.7	7.05	1,409	0.98		

Comments: _____



Alliance Technical Group - Akron
3310 Win St.
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TEL: (330) 253-8211
Website: <http://www.settek.com>

July 07, 2026

Shelly Hennessy
TEKLAB Inc,
120 United Drive
Collinsville, IL 62234
TEL:
FAX:

RE: 26060602

Dear Shelly Hennessy:

Order No.: 26061762

Alliance Technical Group - Akron received 1 sample(s) on 6/22/2026 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

A handwritten signature in black ink that reads "Jennifer M. Woolf". The signature is fluid and cursive, with the first name "Jennifer" and last name "Woolf" clearly distinguishable.

Jennifer Woolf

Project Manager

3310 Win St.
Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 2943, Colorado, Connecticut PH-0828, Florida NELAC E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, ISO/IEC 17025:2017 119125 L22-544, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Maryland 339, Michigan 9988, Minnesota 1780279, Nevada OH009232020-1, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 2019-155, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-19-16, Utah OH009232020-12, Virginia VELAP 10381, West Virginia 9957C



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Case Narrative

WO#: 26061762
Date: 7/7/2026

CLIENT: TEKLAB Inc,

Project: 26060602

WorkOrder Narrative:

26061762: This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Alliance Technical Group Work Order Number assigned to this report.

Alliance Technical Group holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Alliance Technical Group and that of the customer. It cannot be reproduced in any form without the consent of Alliance Technical Group or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Alliance Technical Group is not responsible for use or interpretation of the data included herein.

All results for solid samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

Analytical Sequence QC Notes:

LCS/LCSD-97614 Radium-228_DW(904.0): LCS/LCSD demonstrate high RPD. Both results are within acceptable criteria individually.

Original



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Workorder Sample Summary

WO#: 26061762
07-Jul-26

CLIENT: TEKLAB Inc,
Project: 26060602

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
26061762-001	26060602-001		6/18/2026 11:54:00 AM	6/22/2026 10:45:00 AM	Non-Potable Water



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Analytical Report

(consolidated)

WO#: 26061762

Date Reported: 7/7/2026

CLIENT: TEKLAB Inc,

Collection Date: 6/18/2026 11:54:00 AM

Project: 26060602

Lab ID: 26061762-001

Matrix: NON-POTABLE WATER

Client Sample ID: 26060602-001

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)				CALCULATION E903-904		Analyst: TAL	
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.340	1	7/2/2026 10:05:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: TAL	
Radium-226	ND	1.00		pCi/L	± 0.0700	1	7/2/2026 10:05:00 AM
Yield	1.00					1	7/2/2026 10:05:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: TAL	
Radium-228	ND	1.00		pCi/L	± 0.270	1	7/1/2026 12:46:00 PM
Yield	1.00					1	7/1/2026 12:46:00 PM

Qualifiers:

H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode

M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit

Original

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected above the MDL.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
H	The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
E	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
D	Manual integration in which peak was deleted.
N	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
P	The second column confirmation exceeded 25% difference.
C	The result has been confirmed by GC/MS.
X	The result was not confirmed when GC/MS Analysis was performed.
B	The analyte was detected in the Method Blank at a concentration greater than the RL.
MB+	The analyte was detected in the Method Blank at a concentration greater than the MDL.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
W	Samples were received outside temperature limits (0° – 6° C). Not Clean Water Act compliant.
Z	A deviation from the method was performed; Please refer to the Case Narrative for additional information.

Acronyms

ND	Not Detected	RL	Reporting Limit
QC	Quality Control	MDL	Method Detection Limit
MB	Method Blank	LOD	Level of Detection
LCS	Laboratory Control Sample	LOQ	Level of Quantitation
LCS	Laboratory Control Sample Duplicate	PQL	Practical Quantitation Limit
QCS	Quality Control Sample	CRQL	Contract Required Quantitation Limit
DUP	Duplicate	PL	Permit Limit
MS	Matrix Spike	RegLvl	Regulatory Limit
MSD	Matrix Spike Duplicate	MCL	Maximum Contamination Limit
RPD	Relative Percent Different	MinCL	Minimum Compound Limit
ICV	Initial Calibration Verification	RA	Reanalysis
ICB	Initial Calibration Blank	RE	Reextraction
CCV	Continuing Calibration Verification	TIC	Tentatively Identified Compound
CCB	Continuing Calibration Blank	RT	Retention Time
RLC	Reporting Limit Check	CF	Calibration Factor
DF	Dilution Factor	RF	Response Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.



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Accreditation Program Analytes Report

WO#: 26061762
07-Jul-26

Client: TEKLAB Inc,
Project: 26060602

State: IL
Program: Illinois EPA

Test Name	Matrix	Analyte	Status
Combined Radium (EPA903+904)	Non-Potable Water	Radium-226/Radium-228	N
Radium-226 (EPA 903.0)	Non-Potable Water	Radium-226	N
Radium-226 (EPA 903.0)	Non-Potable Water	Yield	N
Radium-228 (EPA 904.0)	Non-Potable Water	Radium-228	N
Radium-228 (EPA 904.0)	Non-Potable Water	Yield	N

Accreditation (Acc.) Status Key	
A: Accredited	N: Not Accredited
P: Provisional	U: Unavailable

Page 1 of 1
Version #1



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DATES REPORT

WO#: **26061762**

07-Jul-26

Client: TEKLAB Inc,

Project: 26060602

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
26061762-001A	26060602-001	6/18/2026 11:54:00 AM	Non-Potable Water	Combined Radium (EPA903+904)		6/25/2026 11:42:49 AM	7/2/2026 10:05:00 AM
				Radium-226 (EPA 903.0)		6/25/2026 11:42:49 AM	7/2/2026 10:05:00 AM
				Radium-228 (EPA 904.0)		6/25/2026 11:42:49 AM	7/1/2026 12:46:00 PM

Original



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QC SUMMARY REPORT

WO#: 26061762
07-Jul-26

Client: TEKLAB Inc,
Project: 26060602

BatchID: 97614

Sample ID: 26061760-001ADUP		SampType: DUP		TestCode: Radium-228_ Units: pCi/L		Prep Date: 6/25/2026			RunNo: 240693		
Client ID: BatchQC		Batch ID: 97614		TestNo: E904.0 E903-904		Analysis Date: 7/1/2026			SeqNo: 6290117		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	ND	1.00		0	0			0	0	20	
Yield	0.560			0	0			0.6500	14.9		

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26061762
07-Jul-26

Client: TEKLAB Inc,
Project: 26060602

BatchID: 97614

Sample ID: MB-97614	SampType: MBLK	TestCode: Radium-228_ Units: pCi/L				Prep Date: 6/25/2026				RunNo: 240693		
Client ID: BatchQC	Batch ID: 97614	TestNo: E904.0		E903-904		Analysis Date: 7/1/2026				SeqNo: 6290104		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-228	ND	1.00		0	0							
Yield	1.00			0	0							

Sample ID: LCS-97614	SampType: LCS	TestCode: Radium-228_ Units: pCi/L				Prep Date: 6/25/2026				RunNo: 240693		
Client ID: BatchQC	Batch ID: 97614	TestNo: E904.0		E903-904		Analysis Date: 7/1/2026				SeqNo: 6290105		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-228	2.76	1.00	5.000	0	55.2	50	130				QLR	
Yield	0.860			0	0							

Sample ID: LCSD-97614	SampType: LCSD	TestCode: Radium-228_ Units: pCi/L				Prep Date: 6/25/2026			RunNo: 240693		
Client ID: BatchQC	Batch ID: 97614	TestNo: E904.0		E903-904		Analysis Date: 7/1/2026			SeqNo: 6290106		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.83	1.00	5.000	0	76.6	50	130	2.760	32.5	20	R
Yield	0.950			0	0			0.8600	9.94		

Sample ID: 26061756-001ADUP	SampType: DUP	TestCode: Radium-228_ Units: pCi/L				Prep Date: 6/25/2026				RunNo: 240693		
Client ID: BatchQC	Batch ID: 97614	TestNo: E904.0		E903-904		Analysis Date: 7/1/2026				SeqNo: 6290114		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-228	ND	1.00		0	0			0	0	20		

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26061762
07-Jul-26

Client: TEKLAB Inc,
Project: 26060602

BatchID: 97614

Sample ID: 26061756-001ADUP		SampType: DUP	TestCode: Radium-228_ Units: pCi/L			Prep Date: 6/25/2026			RunNo: 240693		
Client ID: BatchQC		Batch ID: 97614	TestNo: E904.0		E903-904	Analysis Date: 7/1/2026			SeqNo: 6290114		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Yield	0.870			0	0			0.8600	1.16		

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26061762

07-Jul-26

Client: TEKLAB Inc,
Project: 26060602

BatchID: 97614

Sample ID: 26061760-001ADUP		SampType: DUP		TestCode: Radium-226_ Units: pCi/L		Prep Date: 6/25/2026			RunNo: 240703		
Client ID: BatchQC		Batch ID: 97614		TestNo: E903.0 E903-904		Analysis Date: 7/2/2026			SeqNo: 6290437		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.00						0	0	30	
Yield	0.630							0.6500	3.13	0	

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original



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QC SUMMARY REPORT

WO#: 26061762

07-Jul-26

Client: TEKLAB Inc,
Project: 26060602

BatchID: 97614

Sample ID: MB-97614	SampType: MBLK	TestCode: Radium-226_	Units: pCi/L	Prep Date: 6/25/2026	RunNo: 240703						
Client ID: BatchQC	Batch ID: 97614	TestNo: E903.0	E903-904	Analysis Date: 7/2/2026	SeqNo: 6290424						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Radium-226	ND	1.00									
Yield	1.00										

Sample ID: LCS-97614		SampType: LCS		TestCode: Radium-226_ Units: pCi/L		Prep Date: 6/25/2026			RunNo: 240703		
Client ID: BatchQC		Batch ID: 97614		TestNo: E903.0 E903-904		Analysis Date: 7/2/2026			SeqNo: 6290425		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Radium-226	6.35	1.00	5.000	0	127	70	130				
------------	------	------	-------	---	-----	----	-----	--	--	--	--

Sample ID: LCSD-97614	SampType: LCSD	TestCode: Radium-226_	Units: pCi/L	Prep Date: 6/25/2026	RunNo: 240703						
Client ID: BatchQC	Batch ID: 97614	TestNo: E903.0	E903-904	Analysis Date: 7/2/2026	SeqNo: 6290426						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Radium-226	6.27	1.00	5.000	0	125	70	130	6.350	1.27	20	
------------	------	------	-------	---	-----	----	-----	-------	------	----	--

Sample ID: 26061756-001ADUP		SampType: DUP		TestCode: Radium-226_ Units: pCi/L		Prep Date: 6/25/2026			RunNo: 240703		
Client ID: BatchQC		Batch ID: 97614		TestNo: E903.0 E903-904		Analysis Date: 7/2/2026			SeqNo: 6290434		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Radium-226	ND	1.00						0	0	20	
Yield	0.930							0.9500	2.13	0	

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

Original

TEKLAB, INC. Chain of Custody

120 United Drive, Collinsville, IL 62234 Phone (618) 344-1004

26061762Are the samples chilled? YES ☐ NO ☒ With: ☐ Ice ☐ Blue Ice Preserved in: ☐ Lab ☐ FieldTeklab Inc
120 United Drive
Collinsville, IL 62234Cooler Temp: Sampler: QC Level:

Project#

Comments: **Please Issue reports and invoices via email only**

SHIP to ATG-Akron. Please analyze for Radium 226/228 per your usual methods.

Any changes to analysis/methods must be approved by Teklab, Inc.

Batch QC and standard EDD are required. State of Sample Origin = IL

Contact: Shelly Hennessy

Email: shennessy@TekLabInc.com

Requested Due Date:

Billing/PO: Phone: Temp: 21.3°C
(21.2 to 21.1)**PLEASE NOTE:**

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Unpres	HNO3	H2SO4	NaOH	Other	Matrix	Radium	Combini				Pt	CPt						
	26060602-001	6/18/26 1154	☐	☒	☐	☐	☐	Groundwater	☒	☒	☐	☐	☐	2	20	☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	Aqueous	☐	☐	☐	☐	☐	2	34	☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	Aqueous	☐	☐	☐	☐	☐	2	28	☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Sample Log-In Check List

Client Name: **TEK-IL-62234-A**

Work Order Number: **26061762**

RcptNo: **1**

Logged by: **Paige J. Yerick** **6/22/2026 10:45:00 AM**

Completed By: **Paige J. Yerick** **6/23/2026 5:43:55 PM**

Reviewed By: **Jennifer Woolf** **6/23/2026 6:16:13 PM**

Paige yerick
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Jennifer Woolf

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? FedEx

Log In

3. Coolers are present? Yes ☒ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☒ No ☐
Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒ NA ☐
No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☐ No ☒ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☒ NA ☐
Not required
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels? Yes ☒ No ☐
(Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met? Yes ☒ No ☐
(If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	21.3	Good	Not Present			