

October 09, 2025

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	100226
Illinois	1004652024-2
Kansas	E-10438
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Ash Pond Monitoring Wells

WorkOrder: 25080110

Dear Eric Staley:

TEKLAB, INC received 22 samples on 8/13/2025 2:36:00 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 ex 36
SHennessy@teklabinc.com



Report Contents

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

Client: City Water, Light & Power

Work Order: 25080110

Client Project: Ash Pond Monitoring Wells

Report Date: 09-Oct-25

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	29
Chain of Custody	Appended

Client: City Water, Light & Power

Work Order: 25080110

Client Project: Ash Pond Monitoring Wells

Report Date: 09-Oct-25

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: 25080110

Client Project: Ash Pond Monitoring Wells

Report Date: 09-Oct-25

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
Client Project: Ash Pond Monitoring Wells

Work Order: 25080110
Report Date: 09-Oct-25

Cooler Receipt Temp: 4.3 °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

Collinsville Air

Address 5445 Horseshoe Lake Road
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

Kansas City

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

Client: City Water, Light & Power

Work Order: 25080110

Client Project: Ash Pond Monitoring Wells

Report Date: 09-Oct-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2026	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2026	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-001
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: RW-3
 Collection Date: 08/12/2025 13:32

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		495.49	ft	1	08/12/2025 13:32	R369783
Depth to water	*	-5.00		7.87	ft	1	08/12/2025 13:32	R369783
Depth to water from measuring point	*	0		10.57	ft	1	08/12/2025 13:32	R369783
Elevation of groundwater surface	*	0		528.93	ft	1	08/12/2025 13:32	R369783
Measuring Point Elevation	*	0		539.50	ft	1	08/12/2025 13:32	R369783
Measuring Point Height Above Land Surface	*	0		2.70	ft	1	08/12/2025 13:32	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		13	NTU	1	08/12/2025 13:32	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		59.3	°F	1	08/12/2025 13:32	R369783
SW-846 9040B								
pH, Field	*	1.00		6.92		1	08/12/2025 13:32	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		794	µmhos/cm @25C	1	08/12/2025 13:32	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		440	mg/L	1	08/14/2025 16:05	R369886
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 12:51	R369781
Chloride	NELAP	5.00		26.4	mg/L	10	08/13/2025 12:51	R369781
Sulfate	NELAP	10.0		ND	mg/L	10	08/13/2025 12:51	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.169	mg/L	1	08/14/2025 18:11	243344
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 18:11	243344
Boron	NELAP	0.0200		0.160	mg/L	1	08/14/2025 18:11	243344
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 18:11	243344
Calcium	NELAP	0.100		73.9	mg/L	1	08/14/2025 18:11	243344
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 18:11	243344
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 18:11	243344
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 18:11	243344
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 18:11	243344
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 14:36	243344
Arsenic	NELAP	0.0010		0.103	mg/L	5	08/15/2025 3:45	243344
Lithium	*	0.0030		0.0080	mg/L	5	08/16/2025 0:00	243344
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 14:36	243344
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 14:36	243344
<i>Sample result(s) for Li exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 14:55	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-002
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-1
 Collection Date: 08/12/2025 11:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		504.29	ft	1	08/12/2025 11:55	R369783
Depth to water	*	-5.00		8.95	ft	1	08/12/2025 11:55	R369783
Depth to water from measuring point	*	0		11.22	ft	1	08/12/2025 11:55	R369783
Elevation of groundwater surface	*	0		524.15	ft	1	08/12/2025 11:55	R369783
Measuring Point Elevation	*	0		535.37	ft	1	08/12/2025 11:55	R369783
Measuring Point Height Above Land Surface	*	0		2.27	ft	1	08/12/2025 11:55	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		11	NTU	1	08/12/2025 11:55	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		61.5	°F	1	08/12/2025 11:55	R369783
SW-846 9040B								
pH, Field	*	1.00		6.42		1	08/12/2025 11:55	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		2100	µmhos/cm @25C	1	08/12/2025 11:55	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1870	mg/L	1	08/14/2025 16:05	R369886
<i>Stable weight could not be achieved after multiple drying, cooling, and weighing. Lowest final weight reported.</i>								
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 13:26	R369781
Chloride	NELAP	5.00		51.8	mg/L	10	08/13/2025 13:26	R369781
Sulfate	NELAP	10.0		884	mg/L	10	08/13/2025 13:26	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.276	mg/L	1	08/14/2025 18:12	243344
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 18:12	243344
Boron	NELAP	0.200		23.0	mg/L	10	08/18/2025 13:19	243344
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 18:12	243344
Calcium	NELAP	0.100		259	mg/L	1	08/14/2025 18:12	243344
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 18:12	243344
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 18:12	243344
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 18:12	243344
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 18:12	243344
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 14:42	243344
Arsenic	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 3:51	243344
Lithium	*	0.0030		0.0114	mg/L	5	08/16/2025 0:06	243344
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 14:42	243344
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 14:42	243344
<i>Sample result(s) for Li exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 14:57	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-003
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-2
 Collection Date: 08/12/2025 12:26

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		514.77	ft	1	08/12/2025 12:26	R369783
Depth to water	*	-5.00		6.10	ft	1	08/12/2025 12:26	R369783
Depth to water from measuring point	*	0		8.60	ft	1	08/12/2025 12:26	R369783
Elevation of groundwater surface	*	0		527.50	ft	1	08/12/2025 12:26	R369783
Measuring Point Elevation	*	0		536.10	ft	1	08/12/2025 12:26	R369783
Measuring Point Height Above Land Surface	*	0		2.50	ft	1	08/12/2025 12:26	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		8.4	NTU	1	08/12/2025 12:26	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		62.0	°F	1	08/12/2025 12:26	R369783
SW-846 9040B								
pH, Field	*	1.00		6.30		1	08/12/2025 12:26	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1610	µmhos/cm @25C	1	08/12/2025 12:26	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1280	mg/L	1	08/14/2025 16:05	R369886
<i>Stable weight could not be achieved after multiple drying, cooling, and weighing. Lowest final weight reported.</i>								
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 13:37	R369781
Chloride	NELAP	5.00		36.0	mg/L	10	08/13/2025 13:37	R369781
Sulfate	NELAP	10.0		422	mg/L	10	08/13/2025 13:37	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.0736	mg/L	1	08/14/2025 18:12	243344
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 18:12	243344
Boron	NELAP	0.0200		3.43	mg/L	1	08/14/2025 18:12	243344
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 18:12	243344
Calcium	NELAP	0.100		216	mg/L	1	08/14/2025 18:12	243344
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 18:12	243344
Cobalt	NELAP	0.0050		0.0127	mg/L	1	08/14/2025 18:12	243344
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 18:12	243344
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 18:12	243344
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 14:49	243344
Arsenic	NELAP	0.0010		0.0014	mg/L	5	08/15/2025 3:57	243344
Lithium	*	0.0030		0.0087	mg/L	5	08/16/2025 0:12	243344
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 14:49	243344
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 14:49	243344
<i>Sample result(s) for Li exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 15:00	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-004
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-3
 Collection Date: 08/12/2025 12:58

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		514.45	ft	1	08/12/2025 12:58	R369783
Depth to water	*	-5.00		6.18	ft	1	08/12/2025 12:58	R369783
Depth to water from measuring point	*	0		8.73	ft	1	08/12/2025 12:58	R369783
Elevation of groundwater surface	*	0		526.52	ft	1	08/12/2025 12:58	R369783
Measuring Point Elevation	*	0		535.25	ft	1	08/12/2025 12:58	R369783
Measuring Point Height Above Land Surface	*	0		2.55	ft	1	08/12/2025 12:58	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		2.9	NTU	1	08/12/2025 12:58	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		63.2	°F	1	08/12/2025 12:58	R369783
SW-846 9040B								
pH, Field	*	1.00		6.36		1	08/12/2025 12:58	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1620	µmhos/cm @25C	1	08/12/2025 12:58	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1400	mg/L	1	08/14/2025 16:05	R369886
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 13:49	R369781
Chloride	NELAP	5.00		71.2	mg/L	10	08/13/2025 13:49	R369781
Sulfate	NELAP	10.0		609	mg/L	10	08/13/2025 13:49	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.121	mg/L	1	08/14/2025 18:13	243344
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 18:13	243344
Boron	NELAP	0.0200		16.5	mg/L	1	08/14/2025 18:13	243344
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 18:13	243344
Calcium	NELAP	0.100		205	mg/L	1	08/14/2025 18:13	243344
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 18:13	243344
Cobalt	NELAP	0.0050		0.0076	mg/L	1	08/20/2025 13:09	243344
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 18:13	243344
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 18:13	243344
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 14:55	243344
Arsenic	NELAP	0.0010		0.0160	mg/L	5	08/15/2025 4:04	243344
Lithium	*	0.0030		0.0078	mg/L	5	08/16/2025 1:03	243344
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 14:55	243344
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 14:55	243344
<i>Sample result(s) for Li exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 15:02	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-005
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25

Client Sample ID: AP-4

Collection Date: 08/12/2025 10:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		495.19	ft	1	08/12/2025 10:40	R369783
Depth to water	*	-5.00		7.72	ft	1	08/12/2025 10:40	R369783
Depth to water from measuring point	*	0		10.86	ft	1	08/12/2025 10:40	R369783
Elevation of groundwater surface	*	0		544.74	ft	1	08/12/2025 10:40	R369783
Measuring Point Elevation	*	0		555.60	ft	1	08/12/2025 10:40	R369783
Measuring Point Height Above Land Surface	*	0		3.14	ft	1	08/12/2025 10:40	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		120	NTU	1	08/12/2025 10:40	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		67.5	°F	1	08/12/2025 10:40	R369783
SW-846 9040B								
pH, Field	*	1.00		6.64		1	08/12/2025 10:40	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1000	µmhos/cm @25C	1	08/12/2025 10:40	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		574	mg/L	1	08/14/2025 16:05	R369886
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 14:36	R369781
Chloride	NELAP	5.00		12.4	mg/L	10	08/13/2025 14:36	R369781
Sulfate	NELAP	10.0		ND	mg/L	10	08/13/2025 14:36	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.413	mg/L	1	08/14/2025 18:14	243344
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 18:14	243344
Boron	NELAP	0.0200		0.0940	mg/L	1	08/14/2025 18:14	243344
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 18:14	243344
Calcium	NELAP	0.100		124	mg/L	1	08/14/2025 18:14	243344
Chromium	NELAP	0.0050		0.0051	mg/L	1	08/14/2025 18:14	243344
Cobalt	NELAP	0.0050		0.0075	mg/L	1	08/18/2025 13:20	243344
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 18:14	243344
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 18:14	243344
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 15:01	243344
Arsenic	NELAP	0.0010		0.0248	mg/L	5	08/15/2025 4:10	243344
Lithium	*	0.0030		0.0127	mg/L	5	08/16/2025 1:09	243344
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 15:01	243344
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 15:01	243344
<i>Sample result(s) for Li exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 15:04	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-006
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-5
 Collection Date: 08/12/2025 9:56

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		552.63	ft	1	08/12/2025 9:56	R369783
Depth to water	*	-5.00		13.64	ft	1	08/12/2025 9:56	R369783
Depth to water from measuring point	*	0		15.94	ft	1	08/12/2025 9:56	R369783
Elevation of groundwater surface	*	0		567.96	ft	1	08/12/2025 9:56	R369783
Measuring Point Elevation	*	0		583.90	ft	1	08/12/2025 9:56	R369783
Measuring Point Height Above Land Surface	*	0		2.30	ft	1	08/12/2025 9:56	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		25	NTU	1	08/12/2025 9:56	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		59.3	°F	1	08/12/2025 9:56	R369783
SW-846 9040B								
pH, Field	*	1.00		6.64		1	08/12/2025 9:56	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		868	µmhos/cm @25C	1	08/12/2025 9:56	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		568	mg/L	1	08/14/2025 16:05	R369886
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 14:48	R369781
Chloride	NELAP	5.00		9.50	mg/L	10	08/13/2025 14:48	R369781
Sulfate	NELAP	10.0		69.1	mg/L	10	08/13/2025 14:48	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.0595	mg/L	1	08/14/2025 18:18	243344
Beryllium	NELAP	0.0005		0.0006	mg/L	1	08/14/2025 18:18	243344
Boron	NELAP	0.0200		0.0351	mg/L	1	08/14/2025 18:18	243344
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 18:18	243344
Calcium	NELAP	0.100		108	mg/L	1	08/14/2025 18:18	243344
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 18:18	243344
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 18:18	243344
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 18:18	243344
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 18:18	243344
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 15:07	243344
Arsenic	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 4:16	243344
Lithium	*	0.0030		0.0061	mg/L	5	08/16/2025 1:15	243344
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 15:07	243344
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 15:07	243344
<i>Sample result(s) for Li exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 15:07	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-007
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-6
 Collection Date: 08/12/2025 11:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		498.20	ft	1	08/12/2025 11:20	R369783
Depth to water	*	-5.00		5.71	ft	1	08/12/2025 11:20	R369783
Depth to water from measuring point	*	0		8.13	ft	1	08/12/2025 11:20	R369783
Elevation of groundwater surface	*	0		529.69	ft	1	08/12/2025 11:20	R369783
Measuring Point Elevation	*	0		537.82	ft	1	08/12/2025 11:20	R369783
Measuring Point Height Above Land Surface	*	0		2.42	ft	1	08/12/2025 11:20	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		7.1	NTU	1	08/12/2025 11:20	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		59.7	°F	1	08/12/2025 11:20	R369783
SW-846 9040B								
pH, Field	*	1.00		6.89		1	08/12/2025 11:20	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		819	µmhos/cm @25C	1	08/12/2025 11:20	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		482	mg/L	1	08/14/2025 16:05	R369886
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		0.53	mg/L	10	08/13/2025 14:59	R369781
Chloride	NELAP	5.00		37.5	mg/L	10	08/13/2025 14:59	R369781
Sulfate	NELAP	10.0		ND	mg/L	10	08/13/2025 14:59	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.168	mg/L	1	08/14/2025 18:19	243344
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 18:19	243344
Boron	NELAP	0.0200		0.278	mg/L	1	08/14/2025 18:19	243344
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 18:19	243344
Calcium	NELAP	0.100		67.3	mg/L	1	08/14/2025 18:19	243344
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 18:19	243344
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 18:19	243344
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 18:19	243344
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 18:19	243344
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 15:39	243344
Arsenic	NELAP	0.0010		0.0068	mg/L	5	08/15/2025 5:07	243344
Lithium	*	0.0030		0.0092	mg/L	5	08/16/2025 1:22	243344
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 15:39	243344
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 15:39	243344
<i>Sample result(s) for Li exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 15:09	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-008
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-7
 Collection Date: 08/13/2025 9:56

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		496.50	ft	1	08/13/2025 10:07	R369783
Depth to water	*	-5.00		9.05	ft	1	08/13/2025 10:07	R369783
Depth to water from measuring point	*	0		11.71	ft	1	08/13/2025 10:07	R369783
Elevation of groundwater surface	*	0		527.31	ft	1	08/13/2025 10:07	R369783
Measuring Point Elevation	*	0		539.02	ft	1	08/13/2025 10:07	R369783
Measuring Point Height Above Land Surface	*	0		2.66	ft	1	08/13/2025 10:07	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		98	NTU	1	08/13/2025 10:07	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		60.2	°F	1	08/13/2025 10:07	R369783
SW-846 9040B								
pH, Field	*	1.00		7.12		1	08/13/2025 10:07	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		908	µmhos/cm @25C	1	08/13/2025 10:07	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		514	mg/L	1	08/15/2025 13:31	R369952
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/14/2025 15:41	R369837
Chloride	NELAP	5.00		69.8	mg/L	10	08/14/2025 15:41	R369837
Sulfate	NELAP	10.0		ND	mg/L	10	08/14/2025 15:41	R369837
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025	B	0.143	mg/L	1	08/19/2025 15:18	243426
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/19/2025 15:18	243426
Boron	NELAP	0.0200		0.390	mg/L	1	08/19/2025 15:18	243426
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/19/2025 15:18	243426
Calcium	NELAP	0.100	S	60.9	mg/L	1	08/19/2025 15:18	243426
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:18	243426
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:18	243426
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/19/2025 15:18	243426
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/19/2025 15:18	243426
<i>Sample result(s) for Ba exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>								
<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	0.0010	B	< 0.0010	mg/L	5	08/18/2025 16:02	243426
Arsenic	NELAP	0.0010		0.0289	mg/L	5	08/19/2025 17:37	243563
Lithium	*	0.0030		0.0091	mg/L	5	08/15/2025 12:27	243426
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 12:27	243426
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/15/2025 12:27	243426
<i>Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 16:12	243437
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-009
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-8
 Collection Date: 08/13/2025 12:14

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		497.60	ft	1	08/13/2025 12:14	R369783
Depth to water	*	-5.00		3.06	ft	1	08/13/2025 12:14	R369783
Depth to water from measuring point	*	0		5.96	ft	1	08/13/2025 12:14	R369783
Elevation of groundwater surface	*	0		531.24	ft	1	08/13/2025 12:14	R369783
Measuring Point Elevation	*	0		537.20	ft	1	08/13/2025 12:14	R369783
Measuring Point Height Above Land Surface	*	0		2.90	ft	1	08/13/2025 12:14	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		21	NTU	1	08/13/2025 12:14	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		63.7	°F	1	08/13/2025 12:14	R369783
SW-846 9040B								
pH, Field	*	1.00		6.71		1	08/13/2025 12:14	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1070	µmhos/cm @25C	1	08/13/2025 12:14	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		580	mg/L	1	08/15/2025 13:41	R369952
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/14/2025 16:16	R369837
Chloride	NELAP	5.00		23.3	mg/L	10	08/14/2025 16:16	R369837
Sulfate	NELAP	10.0		ND	mg/L	10	08/14/2025 16:16	R369837
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025	B	0.394	mg/L	1	08/19/2025 15:23	243426
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/19/2025 15:23	243426
Boron	NELAP	0.0200		0.0840	mg/L	1	08/19/2025 15:23	243426
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/19/2025 15:23	243426
Calcium	NELAP	0.100		102	mg/L	1	08/19/2025 15:23	243426
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:23	243426
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:23	243426
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/19/2025 15:23	243426
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/19/2025 15:23	243426
<i>Sample result(s) for Ba exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010	B	< 0.0010	mg/L	5	08/18/2025 15:45	243426
Arsenic	NELAP	0.0010		0.0389	mg/L	5	08/19/2025 17:26	243563
Lithium	*	0.0030		0.0066	mg/L	5	08/15/2025 13:18	243426
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 13:18	243426
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/15/2025 13:18	243426
<i>Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 16:15	243437
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-010
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-9
 Collection Date: 08/13/2025 10:31

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		500.70	ft	1	08/13/2025 10:31	R369783
Depth to water	*	-5.00		10.54	ft	1	08/13/2025 10:31	R369783
Depth to water from measuring point	*	0		13.64	ft	1	08/13/2025 10:31	R369783
Elevation of groundwater surface	*	0		526.66	ft	1	08/13/2025 10:31	R369783
Measuring Point Elevation	*	0		540.30	ft	1	08/13/2025 10:31	R369783
Measuring Point Height Above Land Surface	*	0		3.10	ft	1	08/13/2025 10:31	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		18	NTU	1	08/13/2025 10:31	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		61.1	°F	1	08/13/2025 10:31	R369783
SW-846 9040B								
pH, Field	*	1.00		6.57		1	08/13/2025 10:31	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1150	µmhos/cm @25C	1	08/13/2025 10:31	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		638	mg/L	1	08/15/2025 13:41	R369952
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/14/2025 19:00	R369837
Chloride	NELAP	5.00		24.4	mg/L	10	08/14/2025 19:00	R369837
Sulfate	NELAP	10.0		15.9	mg/L	10	08/14/2025 19:00	R369837
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025	B	0.492	mg/L	1	08/19/2025 15:24	243426
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/19/2025 15:24	243426
Boron	NELAP	0.0200		0.0990	mg/L	1	08/19/2025 15:24	243426
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/19/2025 15:24	243426
Calcium	NELAP	0.100		112	mg/L	1	08/19/2025 15:24	243426
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:24	243426
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:24	243426
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/19/2025 15:24	243426
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/19/2025 15:24	243426
<i>Sample result(s) for Ba exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010	B	< 0.0010	mg/L	5	08/18/2025 15:51	243426
Arsenic	NELAP	0.0010		0.0013	mg/L	5	08/19/2025 17:32	243563
Lithium	*	0.0030		0.0057	mg/L	5	08/15/2025 13:23	243426
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 13:23	243426
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/15/2025 13:23	243426
<i>Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 16:22	243437
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-011
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-10
 Collection Date: 08/13/2025 11:32

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		499.43	ft	1	08/13/2025 11:32	R369783
Depth to water	*	-5.00		1.79	ft	1	08/13/2025 11:32	R369783
Depth to water from measuring point	*	0		4.89	ft	1	08/13/2025 11:32	R369783
Elevation of groundwater surface	*	0		532.61	ft	1	08/13/2025 11:32	R369783
Measuring Point Elevation	*	0		537.50	ft	1	08/13/2025 11:32	R369783
Measuring Point Height Above Land Surface	*	0		3.10	ft	1	08/13/2025 11:32	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		12	NTU	1	08/13/2025 11:32	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		63.6	°F	1	08/13/2025 11:32	R369783
SW-846 9040B								
pH, Field	*	1.00		6.52		1	08/13/2025 11:32	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1390	µmhos/cm @25C	1	08/13/2025 11:32	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		834	mg/L	1	08/15/2025 13:41	R369952
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/14/2025 16:28	R369837
Chloride	NELAP	5.00		25.4	mg/L	10	08/14/2025 16:28	R369837
Sulfate	NELAP	10.0		96.7	mg/L	10	08/14/2025 16:28	R369837
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025	B	0.675	mg/L	1	08/19/2025 15:26	243426
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/19/2025 15:26	243426
Boron	NELAP	0.0200		4.25	mg/L	1	08/19/2025 15:26	243426
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/19/2025 15:26	243426
Calcium	NELAP	0.100		158	mg/L	1	08/19/2025 15:26	243426
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:26	243426
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:26	243426
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/19/2025 15:26	243426
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/19/2025 15:26	243426
<i>Sample result(s) for Ba exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010	B	< 0.0010	mg/L	5	08/18/2025 15:56	243426
Arsenic	NELAP	0.0010		0.0012	mg/L	5	08/20/2025 8:27	243563
Lithium	*	0.0030		0.0092	mg/L	5	08/15/2025 13:29	243426
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 13:29	243426
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/15/2025 13:29	243426
<i>Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 16:24	243437
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-012
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-11
 Collection Date: 08/12/2025 10:44

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		515.15	ft	1	08/12/2025 10:44	R369783
Depth to water	*	-5.00		12.89	ft	1	08/12/2025 10:44	R369783
Depth to water from measuring point	*	0		15.69	ft	1	08/12/2025 10:44	R369783
Elevation of groundwater surface	*	0		522.41	ft	1	08/12/2025 10:44	R369783
Measuring Point Elevation	*	0		538.10	ft	1	08/12/2025 10:44	R369783
Measuring Point Height Above Land Surface	*	0		2.80	ft	1	08/12/2025 10:44	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		13	NTU	1	08/12/2025 10:44	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		77.7	°F	1	08/12/2025 10:44	R369783
SW-846 9040B								
pH, Field	*	1.00		6.34		1	08/12/2025 10:44	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1010	µmhos/cm @25C	1	08/12/2025 10:44	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		756	mg/L	1	08/14/2025 16:05	R369886
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 15:11	R369781
Chloride	NELAP	5.00		127	mg/L	10	08/13/2025 15:11	R369781
Sulfate	NELAP	10.0		85.7	mg/L	10	08/13/2025 15:11	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.152	mg/L	1	08/14/2025 17:25	243361
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 17:25	243361
Boron	NELAP	0.0200		0.228	mg/L	1	08/14/2025 17:25	243361
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 17:25	243361
Calcium	NELAP	0.100		153	mg/L	1	08/14/2025 17:25	243361
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 17:25	243361
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 17:25	243361
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 17:25	243361
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 17:25	243361
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 12:37	243361
Arsenic	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 1:45	243361
Lithium	*	0.0030		0.0057	mg/L	5	08/18/2025 12:37	243361
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 12:37	243361
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 12:37	243361
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 15:16	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-013
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-12
 Collection Date: 08/12/2025 11:27

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		510.30	ft	1	08/12/2025 11:27	R369783
Depth to water	*	-5.00		15.13	ft	1	08/12/2025 11:27	R369783
Depth to water from measuring point	*	0		18.03	ft	1	08/12/2025 11:27	R369783
Elevation of groundwater surface	*	0		522.67	ft	1	08/12/2025 11:27	R369783
Measuring Point Elevation	*	0		540.70	ft	1	08/12/2025 11:27	R369783
Measuring Point Height Above Land Surface	*	0		2.90	ft	1	08/12/2025 11:27	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		82	NTU	1	08/12/2025 11:27	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		73.9	°F	1	08/12/2025 11:27	R369783
SW-846 9040B								
pH, Field	*	1.00		6.38		1	08/12/2025 11:27	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		951	µmhos/cm @25C	1	08/12/2025 11:27	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1380	mg/L	1	08/14/2025 16:05	R369886
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 15:23	R369781
Chloride	NELAP	5.00		119	mg/L	10	08/13/2025 15:23	R369781
Sulfate	NELAP	10.0		488	mg/L	10	08/13/2025 15:23	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.0561	mg/L	1	08/14/2025 17:40	243361
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 17:40	243361
Boron	NELAP	0.0200		0.0255	mg/L	1	08/14/2025 17:40	243361
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 17:40	243361
Calcium	NELAP	0.100		226	mg/L	1	08/14/2025 17:40	243361
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 17:40	243361
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/15/2025 18:15	243361
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 17:40	243361
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 17:40	243361
<i>Sample result(s) for Ca exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 12:43	243361
Arsenic	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 12:43	243361
Lithium	*	0.0030		0.0060	mg/L	5	08/18/2025 12:43	243361
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 12:43	243361
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 12:43	243361
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 15:18	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-014
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-13
 Collection Date: 08/13/2025 9:53

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		511.00	ft	1	08/13/2025 9:53	R369783
Depth to water	*	-5.00		15.25	ft	1	08/13/2025 9:53	R369783
Depth to water from measuring point	*	0		18.65	ft	1	08/13/2025 9:53	R369783
Elevation of groundwater surface	*	0		523.35	ft	1	08/13/2025 9:53	R369783
Measuring Point Elevation	*	0		542.00	ft	1	08/13/2025 9:53	R369783
Measuring Point Height Above Land Surface	*	0		3.40	ft	1	08/13/2025 9:53	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		37	NTU	1	08/13/2025 9:53	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		74.3	°F	1	08/13/2025 9:53	R369783
SW-846 9040B								
pH, Field	*	1.00		6.43		1	08/13/2025 9:53	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		763	µmhos/cm @25C	1	08/13/2025 9:53	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		630	mg/L	1	08/15/2025 13:42	R369952
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/14/2025 16:40	R369837
Chloride	NELAP	5.00		29.4	mg/L	10	08/14/2025 16:40	R369837
Sulfate	NELAP	10.0		104	mg/L	10	08/14/2025 16:40	R369837
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025	B	0.142	mg/L	1	08/19/2025 15:35	243426
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/19/2025 15:35	243426
Boron	NELAP	0.0200		0.0566	mg/L	1	08/19/2025 15:35	243426
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/19/2025 15:35	243426
Calcium	NELAP	0.100		109	mg/L	1	08/19/2025 15:35	243426
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:35	243426
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:35	243426
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/19/2025 15:35	243426
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/19/2025 15:35	243426
<i>Sample result(s) for Ba exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010	B	< 0.0010	mg/L	5	08/18/2025 16:52	243426
Arsenic	NELAP	0.0010		0.0020	mg/L	5	08/19/2025 18:29	243563
Lithium	*	0.0030		0.0110	mg/L	5	08/15/2025 13:34	243426
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 13:34	243426
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/15/2025 13:34	243426
<i>Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 16:26	243437
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-015
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AP-14
 Collection Date: 08/13/2025 10:54

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		508.40	ft	1	08/13/2025 10:54	R369783
Depth to water	*	-5.00		0.42	ft	1	08/13/2025 10:54	R369783
Depth to water from measuring point	*	0		3.22	ft	1	08/13/2025 10:54	R369783
Elevation of groundwater surface	*	0		536.38	ft	1	08/13/2025 10:54	R369783
Measuring Point Elevation	*	0		539.60	ft	1	08/13/2025 10:54	R369783
Measuring Point Height Above Land Surface	*	0		2.80	ft	1	08/13/2025 10:54	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		12	NTU	1	08/13/2025 10:54	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		84.7	°F	1	08/13/2025 10:54	R369783
SW-846 9040B								
pH, Field	*	1.00		6.71		1	08/13/2025 10:54	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1120	µmhos/cm @25C	1	08/13/2025 10:54	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1940	mg/L	1	08/15/2025 13:42	R369952
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/14/2025 16:51	R369837
Chloride	NELAP	5.00		105	mg/L	10	08/14/2025 16:51	R369837
Sulfate	NELAP	10.0		926	mg/L	10	08/14/2025 16:51	R369837
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025	B	0.0463	mg/L	1	08/19/2025 15:37	243426
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/19/2025 15:37	243426
Boron	NELAP	0.200		21.9	mg/L	10	08/20/2025 12:39	243563
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/19/2025 15:37	243426
Calcium	NELAP	0.100		277	mg/L	1	08/19/2025 15:37	243426
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:37	243426
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:37	243426
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/19/2025 15:37	243426
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/19/2025 15:37	243426
<i>Sample result(s) for Ba exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010	B	< 0.0010	mg/L	5	08/18/2025 16:58	243426
Arsenic	NELAP	0.0010		0.0011	mg/L	5	08/20/2025 8:32	243563
Lithium	*	0.0030		0.0068	mg/L	5	08/15/2025 13:40	243426
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 13:40	243426
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/15/2025 13:40	243426
<i>Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 16:29	243437
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/18/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-016
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: T-1
 Collection Date: 08/12/2025 13:16

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		512.70	ft	1	08/12/2025 13:16	R369783
Depth to water	*	-5.00		14.30	ft	1	08/12/2025 13:16	R369783
Depth to water from measuring point	*	0		14.63	ft	1	08/12/2025 13:16	R369783
Elevation of groundwater surface	*	0		521.02	ft	1	08/12/2025 13:16	R369783
Measuring Point Elevation	*	0		535.65	ft	1	08/12/2025 13:16	R369783
Measuring Point Height Above Land Surface	*	0		0.33	ft	1	08/12/2025 13:16	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		36	NTU	1	08/12/2025 13:16	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		75.6	°F	1	08/12/2025 13:16	R369783
SW-846 9040B								
pH, Field	*	1.00		6.46		1	08/12/2025 13:16	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1070	µmhos/cm @25C	1	08/12/2025 13:16	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		950	mg/L	1	08/14/2025 16:05	R369886
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 15:34	R369781
Chloride	NELAP	5.00		233	mg/L	10	08/13/2025 15:34	R369781
Sulfate	NELAP	10.0		151	mg/L	10	08/13/2025 15:34	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.0747	mg/L	1	08/14/2025 17:41	243361
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 17:41	243361
Boron	NELAP	0.0200		0.173	mg/L	1	08/14/2025 17:41	243361
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 17:41	243361
Calcium	NELAP	0.100		172	mg/L	1	08/14/2025 17:41	243361
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 17:41	243361
Cobalt	NELAP	0.0050		0.0063	mg/L	1	08/14/2025 17:41	243361
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 17:41	243361
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 17:41	243361
<i>Sample result(s) for Ca exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 1:07	243361
Arsenic	NELAP	0.0010		0.0016	mg/L	5	08/18/2025 12:49	243361
Lithium	*	0.0030		0.0177	mg/L	5	08/18/2025 12:49	243361
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 12:49	243361
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 12:49	243361
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 15:26	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-017
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: T-2
 Collection Date: 08/12/2025 12:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		515.18	ft	1	08/12/2025 12:20	R369783
Depth to water	*	-5.00		23.32	ft	1	08/12/2025 12:20	R369783
Depth to water from measuring point	*	0		25.72	ft	1	08/12/2025 12:20	R369783
Elevation of groundwater surface	*	0		523.90	ft	1	08/12/2025 12:20	R369783
Measuring Point Elevation	*	0		549.62	ft	1	08/12/2025 12:20	R369783
Measuring Point Height Above Land Surface	*	0		2.40	ft	1	08/12/2025 12:20	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		4.4	NTU	1	08/12/2025 12:20	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		72.7	°F	1	08/12/2025 12:20	R369783
SW-846 9040B								
pH, Field	*	1.00		6.51		1	08/12/2025 12:20	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		905	µmhos/cm @25C	1	08/12/2025 12:20	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1490	mg/L	1	08/14/2025 16:05	R369886
<i>Stable weight could not be achieved after multiple drying, cooling, and weighing. Lowest final weight reported.</i>								
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 15:46	R369781
Chloride	NELAP	5.00		509	mg/L	10	08/13/2025 15:46	R369781
Sulfate	NELAP	10.0		136	mg/L	10	08/13/2025 15:46	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.232	mg/L	1	08/14/2025 17:42	243361
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 17:42	243361
Boron	NELAP	0.0200		0.0504	mg/L	1	08/14/2025 17:42	243361
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 17:42	243361
Calcium	NELAP	0.100		231	mg/L	1	08/14/2025 17:42	243361
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 17:42	243361
Cobalt	NELAP	0.0050		0.0062	mg/L	1	08/14/2025 17:42	243361
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 17:42	243361
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 17:42	243361
<i>Sample result(s) for Ca exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 12:56	243361
Arsenic	NELAP	0.0010		0.0068	mg/L	5	08/15/2025 1:39	243361
Lithium	*	0.0030		0.0342	mg/L	5	08/18/2025 12:56	243361
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 12:56	243361
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 12:56	243361
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 15:28	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-018
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: T-4
 Collection Date: 08/13/2025 11:54

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		521.52	ft	1	08/13/2025 11:54	R369783
Depth to water	*	-5.00		15.87	ft	1	08/13/2025 11:54	R369783
Depth to water from measuring point	*	0		18.25	ft	1	08/13/2025 11:54	R369783
Elevation of groundwater surface	*	0		530.69	ft	1	08/13/2025 11:54	R369783
Measuring Point Elevation	*	0		548.94	ft	1	08/13/2025 11:54	R369783
Measuring Point Height Above Land Surface	*	0		2.38	ft	1	08/13/2025 11:54	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		32	NTU	1	08/13/2025 11:54	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		63.4	°F	1	08/13/2025 11:54	R369783
SW-846 9040B								
pH, Field	*	1.00		6.60		1	08/13/2025 11:54	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		607	µmhos/cm @25C	1	08/13/2025 11:54	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		370	mg/L	1	08/15/2025 13:42	R369952
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/14/2025 17:03	R369837
Chloride	NELAP	5.00		ND	mg/L	10	08/14/2025 17:03	R369837
Sulfate	NELAP	10.0		76.7	mg/L	10	08/14/2025 17:03	R369837
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025	B	0.0456	mg/L	1	08/19/2025 15:38	243426
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/19/2025 15:38	243426
Boron	NELAP	0.0200		0.0504	mg/L	1	08/19/2025 15:38	243426
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/19/2025 15:38	243426
Calcium	NELAP	0.100		61.9	mg/L	1	08/19/2025 15:38	243426
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:38	243426
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:38	243426
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/19/2025 15:38	243426
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/19/2025 15:38	243426
<i>Sample result(s) for Ba exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010	B	< 0.0010	mg/L	5	08/18/2025 17:03	243426
Arsenic	NELAP	0.0010		0.0038	mg/L	5	08/19/2025 18:40	243563
Lithium	*	0.0030		0.0130	mg/L	5	08/15/2025 13:45	243426
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 13:45	243426
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/15/2025 13:45	243426
<i>Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 16:31	243437
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-019
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: T-5
 Collection Date: 08/13/2025 11:19

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		518.32	ft	1	08/13/2025 11:19	R369783
Depth to water	*	-5.00		7.81	ft	1	08/13/2025 11:19	R369783
Depth to water from measuring point	*	0		10.32	ft	1	08/13/2025 11:19	R369783
Elevation of groundwater surface	*	0		530.34	ft	1	08/13/2025 11:19	R369783
Measuring Point Elevation	*	0		540.66	ft	1	08/13/2025 11:19	R369783
Measuring Point Height Above Land Surface	*	0		2.51	ft	1	08/13/2025 11:19	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		13	NTU	1	08/13/2025 11:19	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		65.9	°F	1	08/13/2025 11:19	R369783
SW-846 9040B								
pH, Field	*	1.00		6.80		1	08/13/2025 11:19	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		616	µmhos/cm @25C	1	08/13/2025 11:19	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		392	mg/L	1	08/15/2025 13:52	R369952
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/14/2025 17:15	R369837
Chloride	NELAP	5.00		ND	mg/L	10	08/14/2025 17:15	R369837
Sulfate	NELAP	10.0		31.3	mg/L	10	08/14/2025 17:15	R369837
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025	B	0.0658	mg/L	1	08/19/2025 15:40	243426
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/19/2025 15:40	243426
Boron	NELAP	0.0200		0.0917	mg/L	1	08/19/2025 15:40	243426
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/19/2025 15:40	243426
Calcium	NELAP	0.100		73.3	mg/L	1	08/19/2025 15:40	243426
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:40	243426
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:40	243426
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/19/2025 15:40	243426
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/19/2025 15:40	243426
<i>Sample result(s) for Ba exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010	B	< 0.0010	mg/L	5	08/18/2025 17:09	243426
Arsenic	NELAP	0.0010		0.0014	mg/L	5	08/19/2025 18:46	243563
Lithium	*	0.0030		0.0103	mg/L	5	08/15/2025 13:51	243426
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 13:51	243426
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/15/2025 13:51	243426
<i>Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 16:33	243437
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-020
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: T-6
 Collection Date: 08/13/2025 10:42

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		494.70	ft	1	08/13/2025 10:42	R369783
Depth to water	*	-5.00		5.79	ft	1	08/13/2025 10:42	R369783
Depth to water from measuring point	*	0		8.15	ft	1	08/13/2025 10:42	R369783
Elevation of groundwater surface	*	0		530.17	ft	1	08/13/2025 10:42	R369783
Measuring Point Elevation	*	0		538.32	ft	1	08/13/2025 10:42	R369783
Measuring Point Height Above Land Surface	*	0		2.36	ft	1	08/13/2025 10:42	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		37	NTU	1	08/13/2025 10:42	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		73.0	°F	1	08/13/2025 10:42	R369783
SW-846 9040B								
pH, Field	*	1.00		7.16		1	08/13/2025 10:42	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		760	µmhos/cm @25C	1	08/13/2025 10:42	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		412	mg/L	1	08/15/2025 13:52	R369952
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/14/2025 18:01	R369837
Chloride	NELAP	5.00		11.8	mg/L	10	08/14/2025 18:01	R369837
Sulfate	NELAP	10.0		15.5	mg/L	10	08/14/2025 18:01	R369837
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025	B	0.116	mg/L	1	08/19/2025 15:42	243426
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/19/2025 15:42	243426
Boron	NELAP	0.0200		0.0428	mg/L	1	08/19/2025 15:42	243426
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/19/2025 15:42	243426
Calcium	NELAP	0.100		86.7	mg/L	1	08/19/2025 15:42	243426
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:42	243426
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/19/2025 15:42	243426
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/19/2025 15:42	243426
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/19/2025 15:42	243426
<i>Sample result(s) for Ba exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010	B	< 0.0010	mg/L	5	08/18/2025 17:14	243426
Arsenic	NELAP	0.0010		0.0086	mg/L	5	08/19/2025 18:52	243563
Lithium	*	0.0030		0.0066	mg/L	5	08/15/2025 13:56	243426
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/15/2025 13:56	243426
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/15/2025 13:56	243426
<i>Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.</i>								
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 16:40	243437
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-021
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: AW-1
 Collection Date: 08/12/2025 11:02

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		500.79	ft	1	08/12/2025 11:02	R369783
Depth to water	*	-5.00		12.26	ft	1	08/12/2025 11:02	R369783
Depth to water from measuring point	*	0		15.01	ft	1	08/12/2025 11:02	R369783
Elevation of groundwater surface	*	0		540.59	ft	1	08/12/2025 11:02	R369783
Measuring Point Elevation	*	0		555.60	ft	1	08/12/2025 11:02	R369783
Measuring Point Height Above Land Surface	*	0		2.75	ft	1	08/12/2025 11:02	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		71	NTU	1	08/12/2025 11:02	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		66.1	°F	1	08/12/2025 11:02	R369783
SW-846 9040B								
pH, Field	*	1.00		6.58		1	08/12/2025 11:02	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		1600	µmhos/cm @25C	1	08/12/2025 11:02	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1250	mg/L	1	08/14/2025 16:05	R369886
<i>Stable weight could not be achieved after multiple drying, cooling, and weighing. Lowest final weight reported.</i>								
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 15:58	R369781
Chloride	NELAP	5.00		37.2	mg/L	10	08/13/2025 15:58	R369781
Sulfate	NELAP	10.0		408	mg/L	10	08/13/2025 15:58	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.105	mg/L	1	08/14/2025 17:42	243361
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 17:42	243361
Boron	NELAP	0.0200	S	9.61	mg/L	1	08/14/2025 17:42	243361
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 17:42	243361
Calcium	NELAP	0.100	S	205	mg/L	1	08/14/2025 17:42	243361
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 17:42	243361
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 17:42	243361
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 17:42	243361
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 17:42	243361
<i>Sample result(s) for Ca exceed 10 times the CCB. Data is reportable per the TNI Standard.</i>								
<i>Matrix spike control limits for Ca & B are not applicable due to high sample/spike ratio.</i>								
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)								
Antimony	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 13:21	243361
Arsenic	NELAP	0.0010		0.0098	mg/L	5	08/15/2025 2:04	243361
Lithium	*	0.0030		0.0112	mg/L	5	08/18/2025 13:21	243361
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 13:21	243361
Thallium	NELAP	0.0020		< 0.0020	mg/L	5	08/18/2025 13:21	243361
SW-846 7470A (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	08/14/2025 15:30	243378
EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/22/2025 0:00	R372539

Client: City Water, Light & Power
 Client Project: Ash Pond Monitoring Wells
 Lab ID: 25080110-022
 Matrix: GROUNDWATER

Work Order: 25080110
 Report Date: 09-Oct-25
 Client Sample ID: G120
 Collection Date: 08/12/2025 11:52

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS								
Bottom of well elevation	*	0		502.73	ft	1	08/12/2025 11:52	R369783
Depth to water	*	-5.00		18.10	ft	1	08/12/2025 11:52	R369783
Depth to water from measuring point	*	0		18.10	ft	1	08/12/2025 11:52	R369783
Elevation of groundwater surface	*	0		535.00	ft	1	08/12/2025 11:52	R369783
Measuring Point Elevation	*	0		553.10	ft	1	08/12/2025 11:52	R369783
Measuring Point Height Above Land Surface	*	0		0	ft	1	08/12/2025 11:52	R369783
STANDARD METHODS 2130 B FIELD								
Turbidity	*	1.0		3.7	NTU	1	08/12/2025 11:52	R369783
STANDARD METHODS 2550 B FIELD								
Temperature	*	0		74.4	°F	1	08/12/2025 11:52	R369783
SW-846 9040B								
pH, Field	*	1.00		6.67		1	08/12/2025 11:52	R369783
SW-846 9050A								
Spec. Conductance, Field	*	1.00		2000	µmhos/cm @25C	1	08/12/2025 11:52	R369783
STANDARD METHODS 2540 C (TOTAL) 2020								
Total Dissolved Solids	NELAP	20		1640	mg/L	1	08/14/2025 16:05	R369886
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Fluoride	NELAP	0.50		ND	mg/L	10	08/13/2025 16:09	R369781
Chloride	NELAP	5.00		36.8	mg/L	10	08/13/2025 16:09	R369781
Sulfate	NELAP	10.0		569	mg/L	10	08/13/2025 16:09	R369781
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Barium	NELAP	0.0025		0.769	mg/L	1	08/14/2025 17:45	243361
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	08/14/2025 17:45	243361
Boron	NELAP	0.0200		7.95	mg/L	1	08/14/2025 17:45	243361
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/14/2025 17:45	243361
Calcium	NELAP	0.100		272	mg/L	1	08/14/2025 17:45	243361
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 17:45	243361
Cobalt	NELAP	0.0050		< 0.0050	mg/L	1	08/14/2025 17:45	243361
Lead	NELAP	0.0075		< 0.0075	mg/L	1	08/14/2025 17:45	243361
Molybdenum	NELAP	0.0100		< 0.0100	mg/L	1	08/14/2025 17:45	243361
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Lithium	*	0.0030		0.0073	mg/L	5	08/18/2025 13:02	243361
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	08/18/2025 13:02	243361
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EPA 903.0/904.0, RADIUM 226/228								
Radium-226	*	0		See Attached	pci/L	1	09/23/2025 0:00	R372539
Radium-228	*	0		See Attached	pci/L	1	09/23/2025 0:00	R372539



Receiving Check List

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

Client: City Water, Light & Power

Work Order: 25080110

Client Project: Ash Pond Monitoring Wells

Report Date: 09-Oct-25

Carrier: Daniel Crump

Received By: LEH

Completed by:

On:

13-Aug-25

Laura E Henson

Reviewed by:

On:

14-Aug-25

Ellie Hopkins

Pages to follow:

Chain of custody

4

Extra pages included

71

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C **4.3**

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 - 8/13/2025 8:47:33 AM

Additional nitric acid (104844) was needed in RW-3 and G120 upon arrival at the laboratory. - lhenson - 8/13/2025 8:47:35 AM

Cooler #2 = 5.3C, Cooler #3 = 4.7, and Cooler #4 = 3.7C (LTG #5). - LH 8/13/25

Samples were received on 8/13/25 at 1436 on ice [12.7, 11.9 and 15.3C - LTG#5]. pH strip #104524. - amberdilallo - 8/14/2025 7:41:56 AM

TEKLAB INC, 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

5.3, 4.7, 3.7

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>43</u> °C <u>5</u> Preserved in: ☒ LAB ☐ FIELD <u>FOR LAB USE ONLY</u> LAB NOTES: <u>PHV104524</u> <u>added HNO3 (104544) to RW3 and G120</u> <u>ut 8/13/25</u>																																																																																																																																																																																																																																																																									
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 <u>Permit on file</u>				Client Comments: *elevations, pH, conductivity, temperature **Sb As Li Se Tl (ICPMS) Ba Be B Cd Ca Cr Co Pb Hg Mo Quarterly monitoring																																																																																																																																																																																																																																																																									
PROJECT NAME/NUMBER <u>Ash Pond Monitoring Wells</u>		SAMPLE COLLECTOR'S NAME <u>Justin Gop</u>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;"># and Type of Containers</th> <th colspan="10" style="text-align: left;">INDICATE ANALYSIS REQUESTED</th> </tr> <tr> <th>UNP</th> <th>HNO3</th> <th>NaOH</th> <th>H2SO4</th> <th>HCL</th> <th>MeOH</th> <th>NaHSO4</th> <th>TSP</th> <th>Other</th> <th>Field parameters*</th> <th>Cl F SO4 TDS (T)</th> <th>Metals (T)**</th> <th>Radium-226</th> <th>Radium-228</th> <th>Field Turbidity</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>		# 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	Field Turbidity							1	4								✓	✓	✓	✓	✓	✓							1	4								✓	✓	✓	✓	✓	✓							1	4								✓	✓	✓	✓	✓	✓							1	4								✓	✓	✓	✓	✓	✓							1	4								✓	✓	✓	✓	✓	✓							1	4								✓	✓	✓	✓	✓	✓							1	4								✓	✓	✓	✓	✓	✓							1	4								✓	✓	✓	✓	✓	✓							1	4								✓	✓	✓	✓	✓	✓							1	4								✓	✓	✓	✓	✓	✓							1	4								✓	✓	✓	✓	✓	✓						
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*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

CHAIN OF CUSTODY

Pg 2 of 2 Workorder # 25080110

TEKLAB INC, 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

[illegible]

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CHAIN OF CUSTODY

Pg 1 of 2 Workorder # 25080110

TEKLAB INC, 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Client: <u>City Water, Light & Power</u>				Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE <u>15.3°C</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>104524</u> <u>SW 8/14/15</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 Li Se Tl (ICPMS) Ba Be B Cd Ca Cr Co Pb Hg Mo															
Are these samples known to be hazardous? ☐ Yes ☒ No				Quarterly monitoring															
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				SAMPLE COLLECTOR'S NAME				# and Type of Containers				INDICATE ANALYSIS REQUESTED							
<u>Ash Pond Monitoring Wells</u>				<u>Hilbon Lampe</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													
25080110-001		RW-3				Groundwater		1 4				☒ ☒ ☒ ☒ ☒ ☒							
-002		AP-1				Groundwater		1 4				☒ ☒ ☒ ☒ ☒ ☒							
-003		AP-2				Groundwater		1 4				☒ ☒ ☒ ☒ ☒ ☒							
-004		AP-3				Groundwater		1 4				☒ ☒ ☒ ☒ ☒ ☒							
-005		AP-4				Groundwater		1 4				☒ ☒ ☒ ☒ ☒ ☒							
-006		AP-5				Groundwater		1 4				☒ ☒ ☒ ☒ ☒ ☒							
-007		AP-6				Groundwater		1 4				☒ ☒ ☒ ☒ ☒ ☒							
-008		AP-7		8-13-25 956		Groundwater		1 4				☒ ☒ ☒ ☒ ☒ ☒							
-009		AP-8		8-13-25 1214		Groundwater		1 4				☒ ☒ ☒ ☒ ☒ ☒							
-010		AP-9		8-13-25 1031		Groundwater		1 4				☒ ☒ ☒ ☒ ☒ ☒							
-011		AP-10		8-13-25 1132		Groundwater		1 4				☒ ☒ ☒ ☒ ☒ ☒							
Relinquished By				Date/Time				Received By				Date/Time							
<u>Allen Lopez</u>				8-13-25 236				<u>Omara Delacruz</u>				8/13/25 1436							

*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

CHAIN OF CUSTODY

Pg 2 of 2 Workorder # 25080110

TEKLAB INC, 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

[illegible]

*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

Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: RW-3
Sample ID: 001
Date (s): 8/12/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 87 °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: 8/12/25 1:11 PM Static Water Level: 10.57 feet below TOC
 Total Depth: 44.01 feet below TOC
 Water Column: 33.44 feet

Purging Activities

Purged By: JC Purge Date: 8/12/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): $33.44 \text{ ft.} \times 0.022 = 0.74 \text{ L} \times 3 \text{ Vol.} = 2.22 \text{ L}$ **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
13:12	0.0	250	purge start time						
13:17	1.3	↓	7.07	798.90	15.60	2.83	50.20	19.30	
13:20	2.0		7.00	790.90	15.50	1.83	32.90	20.87	
13:23	2.8		6.97	790.00	15.29	1.42	19.30	8.51	
13:26	3.5		6.94	789.40	15.35	1.18	8.40	8.14	
13:29	4.3		6.93	792.30	15.36	1.04	-1.60	11.57	
13:32	5.0		6.92	794.40	15.17	0.94	-10.80	13.43	

Sampling Activities

Sampled By: JC Sample Date/Time: 8/12/2025 13:32
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.92 pH 794.40 Spec. Cond. 15.17 Temp
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 17.62 feet below TOC Drawdown: 7.05 feet

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

- Field Meter: 46864

Form Completed By: 

Date: 8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-1
Sample ID: 002
Date (s): 8/12/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 86 °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	No			

Groundwater Level Measurements

Date/Time Measured: 8/12/25 11:34 AM Static Water Level: 11.22 feet below TOC
 Total Depth: 31.08 feet below TOC
 Water Column: 19.86 feet

Purging Activities

Purged By: JC Purge Date: 8/12/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): $19.86 \text{ ft.} \times 0.022 = 0.44 \text{ L} \times 3 \text{ Vol.} = 1.32 \text{ L}$ **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
11:35	0.0	250	purge start time						
11:40	1.3	↓	6.46	1,809.80	16.79	2.44	103.50	16.48	
11:43	2.0		6.44	1,883.30	16.76	1.63	76.10	17.05	
11:46	2.8		6.43	1,970.00	16.58	1.29	48.10	19.77	
11:49	3.5		6.42	2,021.40	16.60	1.09	26.30	22.55	
11:52	4.3		6.43	2,076.80	16.55	0.97	11.20	7.96	
11:55	5.0		6.42	2,104.50	16.41	0.88	0.50	10.98	

Sampling Activities

Sampled By: JC Sample Date/Time: 8/12/2025 11:55
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.42 pH 2,104.50 Spec. Cond. 16.41 Temp
 Field Filtered: No Filter Type:
 Water Level: 11.55 feet below TOC Drawdown: 0.33 feet

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

- Field Meter: 46864

Form Completed By: 

Date: 8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-2
Sample ID: 003
Date (s): 8/12/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 87 °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: 8/12/25 12:06 PM Static Water Level: 8.60 feet below TOC
 Total Depth: 21.33 feet below TOC
 Water Column: 12.73 feet

Purging Activities

Purged By: JC Purge Date: 8/12/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): $12.73 \text{ ft.} \times 0.022 = 0.28 \text{ L} \times 3 \text{ Vol.} = 0.84 \text{ L}$ *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
12:07	0.0	263	purge start time						
12:14	1.8	↓	6.39	1,602.30	17.04	1.92	78.10	17.42	
12:17	2.6		6.35	1,603.90	16.92	1.43	75.60	17.06	
12:20	3.4		6.33	1,603.30	16.56	1.18	73.70	19.29	
12:23	4.2		6.32	1,603.10	16.48	1.03	72.20	6.81	
12:26	5.0		6.30	1,606.10	16.68	0.93	70.80	8.43	

Sampling Activities

Sampled By: JC Sample Date/Time: 8/12/2025 12:26
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.30 pH 1,606.10 Spec. Cond. 16.68 Temp
 Field Filtered: No Filter Type:
 Water Level: 8.80 feet below TOC Drawdown: 0.20 feet

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

- Field Meter: 46864

Form Completed By:

Justin Colp

Date:

8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-3
Sample ID: 004
Date (s): 8/12/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 87 °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: 8/12/25 12:34 PM Static Water Level: 8.73 feet below TOC
 Total Depth: 20.80 feet below TOC
 Water Column: 12.07 feet

Purging Activities

Purged By: JC Purge Date: 8/12/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): $12.07 \text{ ft.} \times 0.022 = 0.27 \text{ L} \times 3 \text{ Vol.} = 0.81 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 5.50 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
12:36	0.0	250	purge start time						
12:43	1.8	↓	6.42	1,622.60	17.60	2.04	96.00	5.57	
12:46	2.5		6.39	1,624.00	17.43	1.51	80.40	4.97	
12:49	3.3		6.38	1,625.40	17.53	1.22	64.50	4.11	
12:52	4.0		6.38	1,625.50	17.31	1.05	50.40	3.26	
12:55	4.8		6.37	1,625.40	17.24	0.94	38.90	3.14	
12:58	5.5		6.36	1,624.50	17.32	0.86	29.80	2.90	

Sampling Activities

Sampled By: JC Sample Date/Time: 8/12/2025 12:58
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.36 pH 1,624.50 Spec. Cond. 17.32 Temp
 Field Filtered: No Filter Type:
 Water Level: 9.71 feet below TOC Drawdown: 0.98 feet

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

- Field Meter: 46864

Form Completed By: 

Date: 8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-4
Sample ID: 005
Date (s): 8/12/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 82 °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: 8/12/25 10:12 AM Static Water Level: 10.86 feet below TOC
Total Depth: 60.41 feet below TOC
Water Column: 49.55 feet

Purging Activities

Purged By: JC Purge Date: 8/12/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 49.55 ft. x 0.022 = 1.09 L x 3 Vol. = 3.27 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.50 L
Physical appearance of purge water: 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
10:13	0.0	241	purge start time						
10:22	2.2	↓	6.66	992.60	19.67	2.38	136.80	133.52	
10:25	2.9		6.65	995.50	19.62	1.78	89.50	167.82	
10:28	3.6		6.65	997.50	19.65	1.41	49.20	164.04	
10:31	4.3		6.65	999.30	19.62	1.19	21.50	168.64	
10:34	5.1		6.65	999.40	19.55	1.06	2.80	119.36	
10:37	5.8		6.65	999.70	19.60	0.96	-10.60	119.27	
10:40	6.5		6.64	999.90	19.70	0.90	-20.80	115.89	

Sampling Activities

Sampled By: JC Sample Date/Time: 8/12/2025 10:40
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.64 pH 999.90 Spec. Cond. 19.70 Temp
Field Filtered: No Filter Type:
Water Level: 12.10 feet below TOC Drawdown: 1.24 feet

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

- Field Meter: 46864

Form Completed By: 

Date: 8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-5
Sample ID: 006
Date (s): 8/12/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 81 °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: 8/12/25 9:28 AM Static Water Level: 15.94 feet below TOC
Total Depth: 31.27 feet below TOC
Water Column: 15.33 feet

Purging Activities

Purged By: JC Purge Date: 8/12/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $15.33 \text{ ft.} \times 0.022 = 0.34 \text{ L} \times 3 \text{ Vol.} = 1.02 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 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
9:29	0.0	296	purge start time						
9:32	0.9	↓	6.61	854.60	15.72	4.28	192.80	7.48	
9:35	1.8		6.55	857.20	15.53	2.72	196.90	6.29	
9:38	2.7		6.55	861.90	15.34	2.12	199.20	6.06	
9:41	3.6		6.57	864.70	15.26	1.84	200.70	7.92	
9:44	4.4		6.59	865.30	15.30	1.67	201.20	10.44	
9:47	5.3		6.61	867.30	15.31	1.55	201.40	15.13	
9:50	6.2		6.62	867.50	15.22	1.47	202.40	33.56	
9:53	7.1		6.63	868.30	15.19	1.41	203.70	11.51	
9:56	8.0		6.64	867.70	15.16	1.37	204.60	24.57	

Sampling Activities

Sampled By: JC Sample Date/Time: 8/12/2025 9:56
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.64 pH 867.70 Spec. Cond. 15.16 Temp
Field Filtered: No Filter Type:
Water Level: 18.27 feet below TOC Drawdown: 2.33 feet

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

- Field Meter: 46864
- Lid on protective cover won't close.

Form Completed By: 

Date: 8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-6
Sample ID: 007
Date (s): 8/12/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 85 °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: 8/12/25 10:57 AM Static Water Level: 8.13 feet below TOC
 Total Depth: 39.62 feet below TOC
 Water Column: 31.49 feet

Purging Activities

Purged By: JC Purge Date: 8/12/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): $31.49 \text{ ft.} \times 0.022 = 0.69 \text{ L} \times 3 \text{ Vol.} = 2.07 \text{ L}$ **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
10:58	0.0	227	purge start time						
11:05	1.6	↓	7.05	814.60	15.62	1.87	64.10	18.67	
11:08	2.3		6.99	817.10	15.59	1.44	62.10	22.34	
11:11	3.0		6.95	817.50	15.52	1.21	60.10	17.42	
11:14	3.6		6.92	818.40	15.47	1.07	58.00	16.04	
11:17	4.3		6.91	817.30	15.45	0.97	55.40	9.09	
11:20	5.0		6.89	818.90	15.39	0.90	52.50	7.08	

Sampling Activities

Sampled By: JC Sample Date/Time: 8/12/2025 11:20
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.89 pH 818.90 Spec. Cond. 15.39 Temp
 Field Filtered: No Filter Type:
 Water Level: 17.81 feet below TOC Drawdown: 9.68 feet

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

- Field Meter: 46864

Form Completed By: 

Date: 8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-7
Sample ID: 008
Date (s): 8/13/2025

Field Team Members

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

Weather Conditions

Temp: 82 °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: 8/13/25 9:56 AM Static Water Level: 11.71 feet below TOC
 Total Depth: 42.52 feet below TOC
 Water Column: 30.81 feet

Purging Activities

Purged By: AL Purge Date: 8/13/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): $30.81 \text{ ft.} \times 0.022 = 0.68 \text{ L} \times 3 \text{ Vol.} = 2.04 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.00 L
 Physical appearance of purge water: Clear Odor: Moderate 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
9:56	0.0	364	purge start time						
9:58	0.7	↓	7.10	897.80	15.70	0.44	-121.80	73.22	
10:01	1.8		7.11	900.40	15.65	0.42	-126.10	78.01	
10:04	2.9		7.12	903.20	15.82	0.40	-129.10	65.72	
10:07	4.0		7.12	908.30	15.68	0.39	-131.50	98.20	

Sampling Activities

Sampled By: PY Sample Date/Time: 8/13/2025 10:07
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.12 pH 908.30 Spec. Cond. 15.68 Temp
 Field Filtered: No Filter Type:
 Water Level: 16.35 feet below TOC Drawdown: 4.64 feet

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

- Field Meter: 45612

Form Completed By:

Allison Lampe

Date: 8/13/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-8
Sample ID: 009
Date (s): 8/13/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 82 °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: 8/13/25 11:47 AM Static Water Level: 5.96 feet below TOC
Total Depth: 39.60 feet below TOC
Water Column: 33.64 feet

Purging Activities

Purged By: JC Purge Date: 8/13/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 33.64 ft. x 0.022 = 0.74 L x 3 Vol. = 2.22 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Clear Odor: Moderate 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
11:48	0.0	308	purge start time						
11:56	2.5	↓	6.78	1,072.50	17.37	2.36	47.10	27.64	
11:59	3.4		6.75	1,072.40	17.48	1.91	28.10	35.01	
12:02	4.3		6.74	1,073.20	17.31	1.67	13.70	27.08	
12:05	5.2		6.73	1,071.90	17.39	1.50	2.00	17.07	
12:08	6.2		6.72	1,072.50	17.50	1.39	-6.80	28.74	
12:11	7.1		6.72	1,073.40	17.37	1.30	-13.60	24.21	
12:14	8.0		6.71	1,074.30	17.59	1.23	-19.10	21.21	

Sampling Activities

Sampled By: JC Sample Date/Time: 8/13/2025 12:14
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.71 pH 1,074.30 Spec. Cond. 17.59 Temp
Field Filtered: No Filter Type:
Water Level: 6.38 feet below TOC Drawdown: 0.42 feet

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

- Field Meter: 46864

Form Completed By: 

Date: 8/13/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-9
Sample ID: 010
Date (s): 8/13/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 77 °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: 8/13/25 9:38 AM
 Static Water Level: 13.64 feet below TOC
 Total Depth: 39.60 feet below TOC
 Water Column: 25.96 feet

Purging Activities

Purged By: JC Purge Date: 8/13/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): $25.96 \text{ ft.} \times 0.022 = 0.57 \text{ L} \times 3 \text{ Vol.} = 1.71 \text{ L}$ *Based on Low-Flow (3/8" discharge)
 Actual Purge Volume (L): 12.00 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
9:40	0.0	235	purge start time						
9:46	1.4	↓	6.58	1,143.50	18.23	3.47	154.00	61.09	
9:49	2.1		6.55	1,143.40	18.12	2.90	149.00	93.19	
9:52	2.8		6.55	1,148.00	17.86	2.54	138.20	43.74	
9:55	3.5		6.60	1,159.10	18.90	4.34	123.00	6.68	
9:58	4.2		6.59	1,161.00	17.02	3.46	106.30	14.03	
10:01	4.9		6.56	1,160.30	17.16	2.32	88.20	28.72	
10:04	5.6		6.58	1,159.50	17.76	3.20	74.30	3.11	
10:07	6.4		6.63	1,159.30	17.88	4.29	66.50	9.13	
10:10	7.1		6.82	1,153.60	18.14	6.08	62.30	8.03	
10:13	7.8		6.65	1,162.20	16.48	4.13	51.70	33.73	
10:16	8.5		6.60	1,155.00	16.09	2.53	39.50	22.64	
10:19	9.2		6.58	1,155.40	16.12	1.98	28.90	22.90	
10:22	9.9		6.58	1,152.40	16.11	1.71	20.00	22.52	
10:25	10.6		6.57	1,154.20	16.04	1.55	12.60	23.71	
10:28	11.3		6.57	1,155.10	16.11	1.44	6.70	23.15	
10:31	12.0		6.57	1,153.30	16.14	1.37	1.20	18.43	

Sampling Activities

Sampled By: JC Sample Date/Time: 8/13/2025 10:31
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.57 pH 1,153.30 Spec. Cond. 16.14 Temp
 Field Filtered: No Filter Type:
 Water Level: 18.81 feet below TOC Drawdown: 5.17 feet

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

- Field Meter: 46864

Form Completed By: 

Date: 8/13/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-10
Sample ID: 011
Date (s): 8/13/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 79 °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: 8/13/25 11:06 AM Static Water Level: 4.89 feet below TOC
Total Depth: 38.07 feet below TOC
Water Column: 33.18 feet

Purging Activities

Purged By: JC Purge Date: 8/13/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 33.18 ft. x 0.022 = 0.73 L x 3 Vol. = 2.19 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 7.00 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
11:07	0.0	280	purge start time						
11:14	2.0	↓	6.62	1,382.40	18.51	2.74	100.30	6.70	
11:17	2.8		6.57	1,386.30	18.03	2.21	85.50	6.47	
11:20	3.6		6.54	1,380.40	17.98	1.91	70.90	8.95	
11:23	4.5		6.53	1,383.90	17.90	1.71	57.20	9.13	
11:26	5.3		6.52	1,385.80	17.97	1.58	45.10	8.34	
11:29	6.2		6.52	1,382.70	17.74	1.48	34.80	8.63	
11:32	7.0		6.52	1,386.40	17.54	1.41	26.50	11.76	

Sampling Activities

Sampled By: JC Sample Date/Time: 8/13/2025 11:32
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.52 pH 1,386.40 Spec. Cond. 17.54 Temp
Field Filtered: No Filter Type:
Water Level: 5.09 feet below TOC Drawdown: 0.20 feet

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

- Field Meter: 46864

Form Completed By: 

Date: 8/13/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-11
Sample ID: 012
Date (s): 8/12/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 84 °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: 8/12/25 10:24 AM Static Water Level: 15.69 feet below TOC
 Total Depth: 22.95 feet below TOC
 Water Column: 7.26 feet

Purging Activities

Purged By: JR Purge Date: 8/12/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): $7.26 \text{ ft.} \times 0.022 = 0.16 \text{ L} \times 3 \text{ Vol.} = 0.48 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.00 L
 Physical appearance of purge water: Clear Odor: Slight 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
10:24	0.0	200	purge start time						
10:32	1.6	↓	6.22	1,056.40	23.96	2.24	94.90	10.24	
10:35	2.2		6.26	1,038.10	24.41	2.18	89.80	10.34	
10:38	2.8		6.31	1,026.00	24.76	2.17	84.40	10.81	
10:41	3.4		6.33	1,016.40	25.07	2.17	80.40	11.94	
10:44	4.0		6.34	1,009.40	25.37	2.18	77.80	12.85	

Sampling Activities

Sampled By: JR Sample Date/Time: 8/12/2025 10:44
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.34 pH 1,009.40 Spec. Cond. 25.37 Temp
 Field Filtered: No Filter Type:
 Water Level: 15.94 feet below TOC Drawdown: 0.25 feet

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

- Field Meter: 46868

Form Completed By:

Brett Gillihan

Date: 8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
 Project Location: Springfield, IL
 W.O. Number (s): 25080110

Monitoring Point: AP-12
 Sample ID: 013
 Date (s): 8/12/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 86 °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>		Locks	<u>Yes</u>	<u>No</u>
Casing	<u>Good</u>		Protective Casing		<u>X</u>
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 8/12/25 11:03 AM Static Water Level: 18.03 feet below TOC
 Total Depth: 30.40 feet below TOC
 Water Column: 12.37 feet

Purging Activities

Purged By: JR Purge Date: 8/12/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 12.37 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 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: Lt Gray

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	167	purge start time						
11:15	2.0	↓	6.38	919.10	21.63	1.57	46.50	57.46	
11:18	2.5		6.37	935.60	22.73	1.59	43.00	66.31	
11:21	3.0		6.38	947.90	23.18	1.62	39.70	75.89	
11:24	3.5		6.38	950.20	23.04	1.64	37.30	78.00	
11:27	4.0		6.38	951.40	23.26	1.63	35.30	82.48	

Sampling Activities

Sampled By: JR Sample Date/Time: 8/12/2025 11:27
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.38 pH 951.40 Spec. Cond. 23.26 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 19.01 feet below TOC Drawdown: 0.98 feet

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

- Field Meter: 46868

Form Completed By:

Brett Gillihan

Date:

8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-13
Sample ID: 014
Date (s): 8/13/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 77 °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: 8/13/25 9:30 AM Static Water Level: 18.65 feet below TOC
 Total Depth: 31.00 feet below TOC
 Water Column: 12.35 feet

Purging Activities

Purged By: JR Purge Date: 8/13/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): $12.35 \text{ ft.} \times 0.022 = 0.27 \text{ L} \times 3 \text{ Vol.} = 0.81 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 6.00 L
 Physical appearance of purge water: Slightly cloudy Odor: Slight 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
9:30	0.0	261	purge start time						
9:41	2.9	↓	6.39	806.30	22.60	2.47	71.70	23.29	
9:44	3.7		6.42	792.60	22.86	2.42	59.70	28.67	
9:47	4.4		6.43	781.40	23.25	2.32	49.60	30.32	
9:50	5.2		6.43	772.20	23.49	2.24	41.50	34.50	
9:53	6.0		6.43	762.80	23.52	2.15	34.80	37.20	

Sampling Activities

Sampled By: JR Sample Date/Time: 8/13/2025 9:53
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.43 pH 762.80 Spec. Cond. 23.52 Temp
 Field Filtered: No Filter Type:
 Water Level: 19.76 feet below TOC Drawdown: 1.11 feet

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

- Field Meter: 46868

Form Completed By:

Brett Gillihan

Date: 8/13/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AP-14
Sample ID: 015
Date (s): 8/13/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 79 °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			
Reference Mark/Identification	Yes			X

Groundwater Level Measurements

Date/Time Measured: 8/13/25 10:34 AM Static Water Level: 3.22 feet below TOC
 Total Depth: 31.20 feet below TOC
 Water Column: 27.98 feet

Purging Activities

Purged By: JR Purge Date: 8/13/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): $27.98 \text{ ft.} \times 0.022 = 0.62 \text{ L} \times 3 \text{ Vol.} = 1.86 \text{ L}$ **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
10:34	0.0	250	purge start time						
10:42	2.0	↓	6.79	1,095.20	29.34	3.69	71.40	11.59	
10:45	2.8		6.74	1,105.50	29.05	2.66	69.60	16.94	
10:48	3.5		6.72	1,097.90	28.88	1.99	68.00	18.64	
10:51	4.3		6.71	1,108.40	28.98	1.70	65.30	21.89	
10:54	5.0		6.71	1,115.40	29.26	1.59	61.50	11.84	

Sampling Activities

Sampled By: JR Sample Date/Time: 8/13/2025 10:54
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.71 pH 1,115.40 Spec. Cond. 29.26 Temp
 Field Filtered: No Filter Type:
 Water Level: 3.47 feet below TOC Drawdown: 0.25 feet

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

- Field Meter: 46868

Form Completed By:

Brett Gillihan

Date: 8/13/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
 Project Location: Springfield, IL
 W.O. Number (s): 25080110

Monitoring Point: T-1
 Sample ID: 016
 Date (s): 8/12/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 87 °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: 8/12/25 12:49 PM Static Water Level: 14.63 feet below TOC
 Total Depth: 22.95 feet below TOC
 Water Column: 8.32 feet

Purging Activities

Purged By: JR Purge Date: 8/12/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 8.32 ft. x 0.022 = 0.18 L x 3 Vol. = 0.54 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 6.00 L
 Physical appearance of purge water: Slightly cloudy Odor: Slight 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
12:49	0.0	222	purge start time						
13:04	3.3	↓	6.48	1,032.00	23.62	1.96	37.20	31.78	
13:07	4.0		6.47	1,044.50	23.81	1.95	36.30	33.26	
13:10	4.7		6.47	1,051.90	24.03	1.94	35.50	29.37	
13:13	5.3		6.46	1,061.40	24.06	1.93	35.00	32.12	
13:16	6.0		6.46	1,069.60	24.24	1.91	34.70	35.67	

Sampling Activities

Sampled By: JR Sample Date/Time: 8/12/2025 13:16
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.46 pH 1,069.60 Spec. Cond. 24.24 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 15.23 feet below TOC Drawdown: 0.60 feet

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

- Field Meter: 46868

Form Completed By: Brett Gillihan

Date: 8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: T-2
Sample ID: 017
Date (s): 8/12/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 87 °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: 8/12/25 12:03 PM Static Water Level: 25.72 feet below TOC
 Total Depth: 34.44 feet below TOC
 Water Column: 8.72 feet

Purging Activities

Purged By: JR Purge Date: 8/12/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): $8.72 \text{ ft.} \times 0.022 = 0.19 \text{ L} \times 3 \text{ Vol.} = 0.57 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.00 L
 Physical appearance of purge water: Clear Odor: Strong 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
12:03	0.0	235	purge start time						
12:08	1.2	↓	6.62	807.50	20.46	2.29	-36.80	6.96	
12:11	1.9		6.54	849.50	21.69	2.25	-47.90	6.27	
12:14	2.6		6.52	868.30	22.19	2.15	-56.90	5.17	
12:17	3.3		6.51	883.40	22.48	2.03	-64.10	4.74	
12:20	4.0		6.51	905.10	22.61	1.95	-70.00	4.37	

Sampling Activities

Sampled By: JR Sample Date/Time: 8/12/2025 12:20
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.51 pH 905.10 Spec. Cond. 22.61 Temp
 Field Filtered: No Filter Type:
 Water Level: 26.12 feet below TOC Drawdown: 0.40 feet

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

- Field Meter: 46868

Form Completed By:

Brett Gillihan

Date: 8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: T-4
Sample ID: 018
Date (s): 8/13/2025

Field Team Members

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

Weather Conditions

Temp: 82 °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: 8/13/25 11:35 AM Static Water Level: 18.25 feet below TOC
 Total Depth: 27.42 feet below TOC
 Water Column: 9.17 feet

Purging Activities

Purged By: AL Purge Date: 8/13/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 9.17 ft. x 0.022 = 0.2 L x 3 Vol. = 0.6 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 9.00 L
 Physical appearance of purge water: Slightly cloudy Odor: Slight Color: gray

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	474	purge start time						
11:45	4.7	↓	6.62	673.60	17.40	0.65	-2.30	66.72	
11:48	6.2		6.63	661.70	17.15	0.53	-6.10	38.28	
11:51	7.6		6.62	636.80	17.55	0.49	-7.70	33.95	
11:54	9.0		6.60	607.40	17.46	0.47	-7.60	31.69	

Sampling Activities

Sampled By: PY Sample Date/Time: 8/13/2025 11:54
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.60 pH 607.40 Spec. Cond. 17.46 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 20.10 feet below TOC Drawdown: 1.85 feet

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

- Field Meter: 45612

Form Completed By: Allison Lampe

Date: 8/13/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: T-5
Sample ID: 019
Date (s): 8/13/2025

Field Team Members

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

Weather Conditions

Temp: 82 °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: 8/13/25 11:00 AM Static Water Level: 10.32 feet below TOC
 Total Depth: 22.34 feet below TOC
 Water Column: 12.02 feet

Purging Activities

Purged By: AL Purge Date: 8/13/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 12.02 ft. x 0.022 = 0.26 L x 3 Vol. = 0.78 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.00 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
11:00	0.0	158	purge start time						
11:10	1.6	↓	6.80	636.30	19.39	0.79	-7.80	27.89	
11:13	2.1		6.79	634.60	19.12	0.66	-9.80	20.48	
11:16	2.5		6.79	624.10	19.58	0.64	-10.10	15.44	
11:19	3.0		6.80	615.80	18.84	0.65	-8.80	13.45	

Sampling Activities

Sampled By: PY Sample Date/Time: 8/13/2025 11:19
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.80 pH 615.80 Spec. Cond. 18.84 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 15.08 feet below TOC Drawdown: 4.76 feet

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

- Field Meter: 45612

Form Completed By:

Allison Lampe

Date:

8/13/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: T-6
Sample ID: 020
Date (s): 8/13/2025

Field Team Members

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

Weather Conditions

Temp: 82 °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: 8/13/25 10:26 AM Static Water Level: 8.15 feet below TOC
 Total Depth: 43.62 feet below TOC
 Water Column: 35.47 feet

Purging Activities

Purged By: AL Purge Date: 8/13/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): $35.47 \text{ ft.} \times 0.022 = 0.78 \text{ L} \times 3 \text{ Vol.} = 2.34 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 6.00 L
 Physical appearance of purge water: Slightly cloudy Odor: Strong Color: gray

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
10:26	0.0	375	purge start time						
10:33	2.6	↓	7.17	769.30	20.52	0.44	-147.00	70.17	
10:36	3.8		7.17	758.20	21.22	0.40	-149.20	61.90	
10:39	4.9		7.17	757.90	22.21	0.38	-150.90	50.89	
10:42	6.0		7.16	759.90	22.80	0.37	-152.20	37.05	

Sampling Activities

Sampled By: PY Sample Date/Time: 8/13/2025 10:42
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 7.16 pH 759.90 Spec. Cond. 22.80 Temp
 Field Filtered: No Filter Type:
 Water Level: 11.61 feet below TOC Drawdown: 3.46 feet

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

- Field Meter: 45612

Form Completed By:

Allison Lampe

Date: 8/13/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: AW-1
Sample ID: 021
Date (s): 8/12/2025

Field Team Members

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

Weather Conditions

Temp: 85 °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: 8/12/25 10:46 AM Static Water Level: 15.01 feet below TOC
 Total Depth: 54.81 feet below TOC
 Water Column: 39.80 feet

Purging Activities

Purged By: AL Purge Date: 8/12/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 39.8 ft. x 0.022 = 0.88 L x 3 Vol. = 2.64 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
10:46	0.0	281	purge start time						
10:53	2.0	↓	6.57	1,602.50	18.89	1.13	-70.70	52.46	
10:56	2.8		6.57	1,598.90	18.79	1.03	-70.90	48.78	
10:59	3.7		6.58	1,600.70	18.80	0.97	-70.90	53.77	
11:02	4.5		6.58	1,599.30	18.97	0.93	-70.90	70.99	

Sampling Activities

Sampled By: PY Sample Date/Time: 8/12/2025 11:02
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.58 pH 1,599.30 Spec. Cond. 18.97 Temp
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 17.02 feet below TOC Drawdown: 2.01 feet

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

- Field Meter: 45612

Form Completed By:

Allison Lampe

Date:

8/12/2025



Field Data Sheet

Project Name: Ash Pond Monitoring Wells
Project Location: Springfield, IL
W.O. Number (s): 25080110

Monitoring Point: G120
Sample ID: 022
Date (s): 8/12/2025

Field Team Members

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

Weather Conditions

Temp: 85 °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: 8/12/25 11:28 AM Static Water Level: 18.10 feet below TOC
 Total Depth: 50.37 feet below TOC
 Water Column: 32.27 feet

Purging Activities

Purged By: AL Purge Date: 8/12/2025
 Purge Method: Submersible Pump Well Diameter: 2"
 Purge Volume Calculation (L): $32.27 \text{ ft.} \times 0.022 = 0.71 \text{ L} \times 3 \text{ Vol.} = 2.13 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.00 L
 Physical appearance of purge water: Slightly cloudy 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
11:28	0.0	125	purge start time						
11:43	1.9	↓	6.67	1,995.10	24.23	0.83	-123.60	3.47	
11:46	2.3		6.66	2,010.50	25.64	0.65	-129.30	2.92	
11:49	2.6		6.66	2,014.80	24.46	0.57	-131.50	3.05	
11:52	3.0		6.67	2,003.10	23.53	0.51	-132.40	3.67	

Sampling Activities

Sampled By: PY Sample Date/Time: 8/12/2025 11:52
 Sample Method: Low Flow Sample Equipment: Submersible Pump
 Sample Parameters: 6.67 pH 2,003.10 Spec. Cond. 23.53 Temp
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 18.21 feet below TOC Drawdown: 0.11 feet

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

- Field Meter: 45612

Form Completed By:

Allison Lampe

Date: 8/12/2025



Site Sampling Event: Ash Pond Monitoring Wells
LIMS Workorder: 25080110
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
CWLP- 3Q 2025

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 46868 Technician(s): B. Gillihan Date: 8/11/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	8/11/25 10:09
7.0 Buffer	WC240918A	7.00	8/11/25 9:59
10.0 Buffer	WC240625A	10.00	8/11/25 10:15
LCS/CCV (7.0 Buffer)	WC250407A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1411	8/11/25 10:26

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.31	8/11/25 10:28
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-BG	LCS	8/11/25 10:28	21.7	7.02	1,414	0.34		
CCV-1-BG	CCV	8/11/25 15:01	23.3	7.02	1,417	0.39		

Comments: _____

Field Meter ID: Pine 46868 Technician(s): B. Gillihan Date: 8/12/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	
7.0 Buffer	WC240918A	7.00	8/12/25 8:49
10.0 Buffer	WC240625A	10.00	8/12/25 8:55
LCS/CCV (7.0 Buffer)	WC250407A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1415	8/12/25 9:01

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.17	8/12/25 9:06
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-BG	LCS	8/12/25 9:08	22.6	7.02	1,418	0.2		
CCV-2-BG	CCV	8/12/25 14:07	24.3	7.03	1,422	0.29		

Comments: _____

Site Sampling Event: Ash Pond Monitoring Wells
LIMS Workorder: 25080110
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
CWLP- 3Q 2025

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 46868 B. Gillihan Date: 8/13/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	8/13/25 9:04
7.0 Buffer	WC240918A	7.00	8/13/25 8:58
10.0 Buffer	WC240625A	10.00	8/13/25 9:13
LCS/CCV (7.0 Buffer)	WC250407A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1415	8/13/25 9:18

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.37	8/13/25 9:19
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. bb
LCS-3-BG	LCS	8/13/25 9:28	23.4	7.01	1,435	0.63		
CCV-3-BG	CCV	8/13/25 12:39	24.7	7.03	1,444	0.55		

Comments: _____

Site Sampling Event: Ash Pond Monitoring Wells
LIMS Workorder: 25080110
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
CWLP- 3Q 2025

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): justin colp Date: 8/12/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	8/12/25 9:03
7.0 Buffer	wc250407a	7.00	8/12/25 9:00
10.0 Buffer	wc240625a	10.00	8/12/25 9:06
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	8/12/25 9:11

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.91	8/12/25 9:12
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-JC	LCS	8/12/25 9:12	23.8	7.01	1,397	1.87		
CCV-1-JC	CCV	8/12/25 13:41	26.4	7.04	1,382	2.03		

Comments: _____

Field Meter ID: Pine 46864 Technician(s): justin colp Date: 8/13/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	8/13/25 8:54
7.0 Buffer	wc250407a	7.00	8/13/25 8:49
10.0 Buffer	wc240625a	10.00	8/13/25 8:58
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	8/13/25 9:04

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.95	8/13/25 9:04
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-JC	LCS	8/13/25 9:06	23.6	7.03	1,410	1.92		
CCV-2-JC	CCV	8/13/25 13:00	24.2	6.97	1,388	2.03		

Comments: _____

Site Sampling Event: Ash Pond Monitoring Wells
LIMS Workorder: 25080110
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
CWLP- 3Q 2025

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 45612 Technician(s): A.Lampe Date: 8/11/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250429L	4.00	8/11/25 10:09
7.0 Buffer	WC250407A	7.00	8/11/25 10:11
10.0 Buffer	Wc240625A	10.00	8/11/25 10:15
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	8/11/25 10:19

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.13	8/11/25 10:19
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-AL	LCS	8/11/25 10:21	21.9	7.07	1,416	0.13		
CCV-1-AL	CCV	8/11/25 14:16	25.7	7.09	1,412	0.23		

Comments: _____

Field Meter ID: Pine 45612 Technician(s): A.Lampe Date: 8/12/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250429L	4.00	8/12/25 9:11
7.0 Buffer	WC250407A	7.00	8/12/25 9:15
10.0 Buffer	Wc240625A	10.00	8/12/25 9:20
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	8/12/25 9:25

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.24	8/12/25 9:25
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-AL	LCS	8/12/25 9:31	25.8	7.09	1,418	0.24		
CCV-2-AL	CCV	8/12/25 14:14	27.5	7.09	1,420	0.21		

Comments: _____

Site Sampling Event: Ash Pond Monitoring Wells
LIMS Workorder: 25080110
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
CWLP- 3Q 2025

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 45612 Technician(s): A.Lampe Date: 8/13/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250429L	4.00	8/13/25 9:06
7.0 Buffer	WC250407A	7.00	8/13/25 9:10
10.0 Buffer	WC240625A	10.00	8/13/25 9:13
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	8/13/25 9:16

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.12	8/13/25 9:17
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-AL	LCS	8/13/25 9:16	25.3	7.09	1,413	0.12		
CCV-3-AL	CCV	8/13/25 12:35	27.6	7.09	1,406	0.14		

Comments: _____



*Alliance Technical Group - Akron
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TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>*

October 07, 2025

Shelly Hennessy
TEKLAB Inc,
5445 Horseshoe lake Road
Collinsville, IL 62234
TEL:
FAX:
RE: 25080110

Dear Shelly Hennessy:

Order No.: 25081497

Alliance Technical Group - Akron received 22 sample(s) on 8/19/2025 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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TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Case Narrative

WO#: 25081497
Date: 10/7/2025

CLIENT: TEKLAB Inc,
Project: 25080110

WorkOrder Narrative:

25081497: 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-87172 Radium-228_DW(904.0): LCS and LCSD exhibit high RPD. Individually both LCS and LCSD meet required criteria.

LCS/LCSD-87463 Radium-228_DW(904.0): LCS and LCSD have high RPD. Individually each LCS and LCSD meet criteria.

LCS/LCSD-87531 Radium-228_DW(904.0): LCS and LCSD exhibit high RPD. Individually each LCS and LCSD meet required criteria.

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.



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Workorder Sample Summary

WO#: 25081497

07-Oct-25

CLIENT: TEKLAB Inc,
Project: 25080110

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
25081497-001	25080110-001		8/12/2025 1:32:00 PM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-002	25080110-002		8/12/2025 11:55:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-003	25080110-003		8/12/2025 12:26:00 PM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-004	25080110-004		8/12/2025 12:58:00 PM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-005	25080110-005		8/12/2025 10:40:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-006	25080110-006		8/12/2025 9:56:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-007	25080110-007		8/12/2025 11:20:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-008	25080110-008		8/13/2025 9:56:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-009	25080110-009		8/13/2025 12:14:00 PM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-010	25080110-010		8/13/2025 10:31:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-011	25080110-011		8/13/2025 11:32:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-012	25080110-012		8/12/2025 10:44:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-013	25080110-013		8/12/2025 11:27:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-014	25080110-014		8/13/2025 9:53:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-015	25080110-015		8/13/2025 10:54:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-016	25080110-016		8/12/2025 1:16:00 PM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-017	25080110-017		8/12/2025 12:20:00 PM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-018	25080110-018		8/13/2025 11:35:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-019	25080110-019		8/13/2025 11:00:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-020	25080110-020		8/13/2025 10:26:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-021	25080110-021		8/12/2025 11:02:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water
25081497-022	25080110-022		8/12/2025 11:52:00 AM	8/19/2025 10:15:00 AM	Non-Potable Water



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DATES REPORT

WO#: 25081497

07-Oct-25

Client: TEKLAB Inc,
Project: 25080110

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25081497-001A	25080110-001	8/12/2025 1:32:00 PM	Non-Potable Water	Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-002A	25080110-002	8/12/2025 11:55:00 AM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-003A	25080110-003	8/12/2025 12:26:00 PM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-004A	25080110-004	8/12/2025 12:58:00 PM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-005A	25080110-005	8/12/2025 10:40:00 AM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-006A	25080110-006	8/12/2025 9:56:00 AM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-007A	25080110-007	8/12/2025 11:20:00 AM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
				Radium-228 (EPA 904.0)		9/23/2025 9:40:00 AM	10/1/2025 1:22:00 PM
25081497-008A	25080110-008	8/13/2025 9:56:00 AM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM

Original



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DATES REPORT

WO#: 25081497
07-Oct-25

Client: TEKLAB Inc,
Project: 25080110

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25081497-008A	25080110-008	8/13/2025 9:56:00 AM	Non-Potable Water	Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-009A	25080110-009	8/13/2025 12:14:00 PM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-010A	25080110-010	8/13/2025 10:31:00 AM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-011A	25080110-011	8/13/2025 11:32:00 AM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-012A	25080110-012	8/12/2025 10:44:00 AM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-013A	25080110-013	8/12/2025 11:27:00 AM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-014A	25080110-014	8/13/2025 9:53:00 AM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM
25081497-015A	25080110-015	8/13/2025 10:54:00 AM		Combined Radium (EPA903+904)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-226 (EPA 903.0)		9/11/2025 9:30:00 AM	9/18/2025 2:40:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 9:30:00 AM	9/18/2025 11:29:00 AM

Original



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DATES REPORT

WO#: 25081497
07-Oct-25

Client: TEKLAB Inc,
Project: 25080110

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25081497-016A	25080110-016	8/12/2025 1:16:00 PM	Non-Potable Water	Combined Radium (EPA903+904)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-226 (EPA 903.0)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-228 (EPA 904.0)		9/11/2025 12:50:00 PM	9/22/2025 3:59:00 PM
25081497-017A	25080110-017	8/12/2025 12:20:00 PM		Combined Radium (EPA903+904)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-226 (EPA 903.0)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-228 (EPA 904.0)		9/11/2025 12:50:00 PM	9/22/2025 3:59:00 PM
25081497-018A	25080110-018	8/13/2025 11:35:00 AM		Combined Radium (EPA903+904)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-226 (EPA 903.0)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-228 (EPA 904.0)		9/11/2025 12:50:00 PM	9/22/2025 3:59:00 PM
25081497-019A	25080110-019	8/13/2025 11:00:00 AM		Combined Radium (EPA903+904)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-226 (EPA 903.0)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-228 (EPA 904.0)		9/11/2025 12:50:00 PM	9/22/2025 3:59:00 PM
25081497-020A	25080110-020	8/13/2025 10:26:00 AM		Combined Radium (EPA903+904)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-226 (EPA 903.0)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-228 (EPA 904.0)		9/11/2025 12:50:00 PM	9/22/2025 3:59:00 PM
25081497-021A	25080110-021	8/12/2025 11:02:00 AM		Combined Radium (EPA903+904)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-226 (EPA 903.0)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-228 (EPA 904.0)		9/11/2025 12:50:00 PM	9/22/2025 3:59:00 PM
25081497-022A	25080110-022	8/12/2025 11:52:00 AM		Combined Radium (EPA903+904)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-226 (EPA 903.0)		9/11/2025 12:50:00 PM	9/23/2025 10:01:00 AM
				Radium-228 (EPA 904.0)		9/24/2025 2:30:00 PM	10/3/2025 3:06:00 PM
				Radium-228 (EPA 904.0)		9/11/2025 12:50:00 PM	9/22/2025 3:59:00 PM

Original



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Analytical Report

(consolidated)

WO#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/12/2025 1:32:00 PM

Project: 25080110

Lab ID: 25081497-001

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-001

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.520	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0800	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	1.31	1.00		pCi/L	± 0.440	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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
3310 Win St.
Cuyahoga Falls, Ohio 44223
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Analytical Report

(consolidated)

WO#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/12/2025 11:55:00 AM

Project: 25080110

Lab ID: 25081497-002

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-002

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.350	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.110	1	9/18/2025 2:40:00 PM
Yield	0.960					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.240	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/12/2025 12:26:00 PM

Project: 25080110

Lab ID: 25081497-003

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-003

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.300	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0600	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.240	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,
Project: 25080110
Lab ID: 25081497-004
Client Sample ID: 25080110-004

Collection Date: 8/12/2025 12:58:00 PM

Matrix: NON-POTABLE WATER

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.360	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0600	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.300	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/12/2025 10:40:00 AM

Project: 25080110

Lab ID: 25081497-005

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-005

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.450	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.130	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.320	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc, **Collection Date:** 8/12/2025 9:56:00 AM
Project: 25080110
Lab ID: 25081497-006 **Matrix:** NON-POTABLE WATER
Client Sample ID: 25080110-006

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.340	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0700	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.270	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/12/2025 11:20:00 AM

Project: 25080110

Lab ID: 25081497-007

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-007

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.440	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0700	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.370	1	10/1/2025 1:22:00 PM
Yield	1.00					1	10/1/2025 1:22:00 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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc, **Collection Date:** 8/13/2025 9:56:00 AM
Project: 25080110
Lab ID: 25081497-008 **Matrix:** NON-POTABLE WATER
Client Sample ID: 25080110-008

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.400	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0700	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.330	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/13/2025 12:14:00 PM

Project: 25080110

Lab ID: 25081497-009

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-009

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.460	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.160	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.300	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/13/2025 10:31:00 AM

Project: 25080110

Lab ID: 25081497-010

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-010

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.440	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.120	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.320	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,
Project: 25080110
Lab ID: 25081497-011
Client Sample ID: 25080110-011

Collection Date: 8/13/2025 11:32:00 AM

Matrix: NON-POTABLE WATER

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.490	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.150	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.340	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/12/2025 10:44:00 AM

Project: 25080110

Lab ID: 25081497-012

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-012

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.390	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0800	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.310	1	9/18/2025 11:29:00 AM
Yield	0.920					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/12/2025 11:27:00 AM

Project: 25080110

Lab ID: 25081497-013

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-013

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.450	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0900	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.360	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,
Project: 25080110
Lab ID: 25081497-014
Client Sample ID: 25080110-014

Collection Date: 8/13/2025 9:53:00 AM

Matrix: NON-POTABLE WATER

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.430	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0800	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.350	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/13/2025 10:54:00 AM

Project: 25080110

Lab ID: 25081497-015

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-015

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.440	1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0800	1	9/18/2025 2:40:00 PM
Yield	1.00					1	9/18/2025 2:40:00 PM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.360	1	9/18/2025 11:29:00 AM
Yield	1.00					1	9/18/2025 11:29:00 AM

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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc, Collection Date: 8/12/2025 1:16:00 PM
Project: 25080110
Lab ID: 25081497-016 Matrix: NON-POTABLE WATER
Client Sample ID: 25080110-016

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.570	1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0600	1	9/23/2025 10:01:00 AM
Yield	1.00					1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	1.17	1.00		pCi/L	± 0.510	1	9/22/2025 3:59:00 PM
Yield	1.00					1	9/22/2025 3:59:00 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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/12/2025 12:20:00 PM

Project: 25080110

Lab ID: 25081497-017

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-017

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.550	1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.110	1	9/23/2025 10:01:00 AM
Yield	1.00					1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	1.04	1.00		pCi/L	± 0.440	1	9/22/2025 3:59:00 PM
Yield	1.00					1	9/22/2025 3:59:00 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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/13/2025 11:35:00 AM

Project: 25080110

Lab ID: 25081497-018

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-018

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.450	1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.100	1	9/23/2025 10:01:00 AM
Yield	1.00					1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.350	1	9/22/2025 3:59:00 PM
Yield	1.00					1	9/22/2025 3:59:00 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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc, Collection Date: 8/13/2025 11:00:00 AM
Project: 25080110
Lab ID: 25081497-019 Matrix: NON-POTABLE WATER
Client Sample ID: 25080110-019

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.520	1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0800	1	9/23/2025 10:01:00 AM
Yield	1.00					1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.440	1	9/22/2025 3:59:00 PM
Yield	1.00					1	9/22/2025 3:59:00 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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/13/2025 10:26:00 AM

Project: 25080110

Lab ID: 25081497-020

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-020

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.580	1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0900	1	9/23/2025 10:01:00 AM
Yield	1.00					1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	1.10	1.00		pCi/L	± 0.490	1	9/22/2025 3:59:00 PM
Yield	1.00					1	9/22/2025 3:59:00 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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc,

Collection Date: 8/12/2025 11:02:00 AM

Project: 25080110

Lab ID: 25081497-021

Matrix: NON-POTABLE WATER

Client Sample ID: 25080110-021

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.620	1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.0600	1	9/23/2025 10:01:00 AM
Yield	1.00					1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	1.72	1.00		pCi/L	± 0.560	1	9/22/2025 3:59:00 PM
Yield	1.00					1	9/22/2025 3:59:00 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#: 25081497

Date Reported: 10/7/2025

CLIENT: TEKLAB Inc, Collection Date: 8/12/2025 11:52:00 AM
Project: 25080110
Lab ID: 25081497-022 Matrix: NON-POTABLE WATER
Client Sample ID: 25080110-022

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 COMBINED RADIUM (EPA903+904)					CALCULATION E903-904		Analyst: SEE
Radium-226/Radium-228	ND	2.00		pCi/L	± 0.490	1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-226 (EPA 903.0)					E903.0 E903-904		Analyst: SEE
Radium-226	ND	1.00		pCi/L	± 0.170	1	9/23/2025 10:01:00 AM
Yield	1.00					1	9/23/2025 10:01:00 AM
RAD226/228 RADIUM-228 (EPA 904.0)					E904.0 E903-904		Analyst: SEE
Radium-228	ND	1.00		pCi/L	± 0.320	1	10/3/2025 3:06:00 PM
Yield	1.00					1	10/3/2025 3:06:00 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#: 25081497

07-Oct-25

Client: TEKLAB Inc,

Project: 25080110

BatchID: 87172

Sample ID: MB-87172	SampType: MBLK	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/11/2025				RunNo: 217073		
Client ID: BatchQC	Batch ID: 87172	TestNo: E904.0		E903-904		Analysis Date: 9/18/2025				SeqNo: 5787221		
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-87172	SampType: LCS	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/11/2025			RunNo: 217073		
Client ID: BatchQC	Batch ID: 87172	TestNo: E904.0		E903-904		Analysis Date: 9/18/2025			SeqNo: 5787222		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	5.39	1.00	5.000	0	108	50	130				QLR
Yield	1.00			0	0						

Sample ID: LCSD-87172	SampType: LCSD	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/11/2025			RunNo: 217073		
Client ID: BatchQC	Batch ID: 87172	TestNo: E904.0		E903-904		Analysis Date: 9/18/2025			SeqNo: 5787223		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.86	1.00	5.000	0	77.2	50	130	5.390	33.1	20	R
Yield	0.970			0	0			1.000	3.05		

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#: 25081497

07-Oct-25

Client: TEKLAB Inc,

Project: 25080110

BatchID: 87172

Sample ID: 25081492-018ADUP	SampType: DUP	TestCode: Radium-228_	Units: pCi/L	Prep Date: 9/11/2025	RunNo: 217073						
Client ID: BatchQC	Batch ID: 87172	TestNo: E904.0	E903-904	Analysis Date: 9/18/2025	SeqNo: 5787229						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	0.42	1.00		0	0			0	0	20	
Yield	0.330			0	0			1.000	101		

Sample ID: 25081492-019ADUP	SampType: DUP	TestCode: Radium-228_	Units: pCi/L	Prep Date: 9/11/2025	RunNo: 217073						
Client ID: BatchQC	Batch ID: 87172	TestNo: E904.0	E903-904	Analysis Date: 9/18/2025	SeqNo: 5787232						
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	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#: 25081497
07-Oct-25

Client: TEKLAB Inc,
Project: 25080110

BatchID: 87172

Sample ID: MB-87172	SampType: MBLK	TestCode: Radium-226_ Units: pCi/L			Prep Date: 9/11/2025			RunNo: 217076			
Client ID: BatchQC	Batch ID: 87172	TestNo: E903.0		E903-904	Analysis Date: 9/18/2025			SeqNo: 5787301			
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-87172	SampType: LCS	TestCode: Radium-226_ Units: pCi/L				Prep Date: 9/11/2025				RunNo: 217076		
Client ID: BatchQC	Batch ID: 87172	TestNo: E903.0		E903-904		Analysis Date: 9/18/2025				SeqNo: 5787302		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-226	4.52	1.00	5.000	0	90.4	70	130					

Sample ID: LCSD-87172	SampType: LCSD	TestCode: Radium-226_ Units: pCi/L				Prep Date: 9/11/2025				RunNo: 217076		
Client ID: BatchQC	Batch ID: 87172	TestNo: E903.0		E903-904		Analysis Date: 9/18/2025				SeqNo: 5787303		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val		%RPD	RPDLimit	Qual
Radium-226	5.17	1.00	5.000	0	103	70	130	4.520		13.4	20	

Sample ID: 25081492-018ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/L	Prep Date: 9/11/2025	RunNo: 217076						
Client ID: BatchQC	Batch ID: 87172	TestNo: E903.0	E903-904	Analysis Date: 9/18/2025	SeqNo: 5815588						
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#: 25081497

07-Oct-25

Client: TEKLAB Inc,

Project: 25080110

BatchID: 87172

Sample ID: 25081492-018ADUP	SampType: DUP	TestCode: Radium-226_ Units: pCi/L				Prep Date: 9/11/2025				RunNo: 217076		
Client ID: BatchQC	Batch ID: 87172	TestNo: E903.0		E903-904		Analysis Date: 9/18/2025				SeqNo: 5815588		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-226	0.15	1.00						0	0	20		
Yield	0.340							1.000	98.5	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#: 25081497

07-Oct-25

Client: TEKLAB Inc,

Project: 25080110

BatchID: 87178

Sample ID: MB-87178	SampType: MBLK	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/11/2025				RunNo: 217179		
Client ID: BatchQC	Batch ID: 87178	TestNo: E904.0		E903-904		Analysis Date: 9/22/2025				SeqNo: 5790136		
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-87178	SampType: LCS	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/11/2025			RunNo: 217179		
Client ID: BatchQC	Batch ID: 87178	TestNo: E904.0		E903-904		Analysis Date: 9/22/2025			SeqNo: 5790137		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.88	1.00	5.000	0	77.6	50	130				
Yield	1.00			0	0						

Sample ID: LCSD-87178		SampType: LCSD		TestCode: Radium-228_ Units: pCi/L		Prep Date: 9/11/2025			RunNo: 217179				
Client ID: BatchQC		Batch ID: 87178		TestNo: E904.0 E903-904		Analysis Date: 9/22/2025			SeqNo: 5790138				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228		3.60		1.00	5.000	0	72.0	50	130	3.880	7.49	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#: 25081497

07-Oct-25

Client: TEKLAB Inc,

Project: 25080110

BatchID: 87178

Sample ID: 25081580-001ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/L	Prep Date: 9/11/2025	RunNo: 217196						
Client ID: BatchQC	Batch ID: 87178	TestNo: E903.0	E903-904	Analysis Date: 9/23/2025	SeqNo: 5790550						
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#: 25081497

07-Oct-25

Client: TEKLAB Inc,

Project: 25080110

BatchID: 87178

Sample ID: MB-87178	SampType: MBLK	TestCode: Radium-226_ Units: pCi/L			Prep Date: 9/11/2025				RunNo: 217196		
Client ID: BatchQC	Batch ID: 87178	TestNo: E903.0		E903-904		Analysis Date: 9/23/2025				SeqNo: 5790531	
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-87178	SampType: LCS	TestCode: Radium-226_ Units: pCi/L				Prep Date: 9/11/2025				RunNo: 217196		
Client ID: BatchQC	Batch ID: 87178	TestNo: E903.0		E903-904		Analysis Date: 9/23/2025				SeqNo: 5790532		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-226	4.87	1.00	5.000	0	97.4	70	130					

Sample ID: LCSD-87178	SampType: LCSD	TestCode: Radium-226_ Units: pCi/L				Prep Date: 9/11/2025				RunNo: 217196		
Client ID: BatchQC	Batch ID: 87178	TestNo: E903.0		E903-904		Analysis Date: 9/23/2025				SeqNo: 5790533		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val		%RPD	RPDLimit	Qual
Radium-226	5.15	1.00	5.000	0	103	70	130	4.870		5.59	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#: 25081497

07-Oct-25

Client: TEKLAB Inc,

Project: 25080110

BatchID: 87463

Sample ID: MB-87463	SampType: MBLK	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/23/2025				RunNo: 217938		
Client ID: BatchQC	Batch ID: 87463	TestNo: E904.0		E903-904		Analysis Date: 10/1/2025				SeqNo: 5809972		
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-87463	SampType: LCS	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/23/2025			RunNo: 217938		
Client ID: BatchQC	Batch ID: 87463	TestNo: E904.0		E903-904		Analysis Date: 10/1/2025			SeqNo: 5809973		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.36	1.00	5.000	0	67.2	50	130				QLR
Yield	1.00			0	0						

Sample ID: LCSD-87463		SampType: LCSD		TestCode: Radium-228_ Units: pCi/L		Prep Date: 9/23/2025			RunNo: 217938				
Client ID: BatchQC		Batch ID: 87463		TestNo: E904.0 E903-904		Analysis Date: 10/1/2025			SeqNo: 5809974				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228		5.26		1.00	5.000	0	105	50	130	3.360	44.1	20	R
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#: 25081497

07-Oct-25

Client: TEKLAB Inc,

Project: 25080110

BatchID: 87463

Sample ID: 25082041-001ADUP	SampType: DUP	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/23/2025				RunNo: 217938	
Client ID: BatchQC	Batch ID: 87463	TestNo: E904.0		E903-904		Analysis Date: 10/1/2025				SeqNo: 5809984	
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	1.00			0	0			1.000	0		

Sample ID: 25082041-002ADUP	SampType: DUP	TestCode: Radium-228_	Units: pCi/L	Prep Date: 9/23/2025	RunNo: 217938						
Client ID: BatchQC	Batch ID: 87463	TestNo: E904.0	E903-904	Analysis Date: 10/1/2025	SeqNo: 5809986						
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	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#: 25081497
07-Oct-25

Client: TEKLAB Inc,
Project: 25080110

BatchID: 87531

Sample ID: MB-87531	SampType: MBLK	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/24/2025				RunNo: 218111		
Client ID: BatchQC	Batch ID: 87531	TestNo: E904.0		E903-904		Analysis Date: 10/3/2025				SeqNo: 5815454		
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-87531	SampType: LCS	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/24/2025			RunNo: 218111		
Client ID: BatchQC	Batch ID: 87531	TestNo: E904.0		E903-904		Analysis Date: 10/3/2025			SeqNo: 5815455		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	5.84	1.00	5.000	0	117	50	130				QLR
Yield	1.00			0	0						

Sample ID: LCSD-87531	SampType: LCSD	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/24/2025			RunNo: 218111		
Client ID: BatchQC	Batch ID: 87531	TestNo: E904.0		E903-904		Analysis Date: 10/3/2025			SeqNo: 5815456		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.77	1.00	5.000	0	75.4	50	130	5.840	43.1	20	R
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



Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

QC SUMMARY REPORT

WO#: 25081497

07-Oct-25

Client: TEKLAB Inc,

Project: 25080110

BatchID: 87531

Sample ID: 25082268-001ADUP	SampType: DUP	TestCode: Radium-228_ Units: pCi/L				Prep Date: 9/24/2025			RunNo: 218111		
Client ID: BatchQC	Batch ID: 87531	TestNo: E904.0		E903-904		Analysis Date: 10/3/2025			SeqNo: 5815469		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	0.13	1.00		0	0			0	0	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

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES ☐ NO ☒ With: ☐ Ice ☐ Blue Ice Preserved in: ☐ Lab ☐ FieldTeklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234Cooler Temp: Sampler: ClientQC Level: 2

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 is required.

Project# 25080110

Contact: Shelly Hennessy

Email: shennessy@TekLabInc.com

Requested Due Date: Standard TAT

Billing/PO: 39206

Phone: (618) 344-1004 ext.

State of Sample Origin = IL

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	Preservative	Matrix	✓	1	1	1											
	25080110-001	8/12/25 1332	HNO3	Groundwater	✓	1	1	1									18	28	12
	25080110-002	8/12/25 1155	HNO3	Groundwater	✓	1	1	1									34	34	24
	25080110-003	8/12/25 1226	HNO3	Groundwater	✓	1	1	1									28	20	30
	25080110-004	8/12/25 1258	HNO3	Groundwater	✓	1	1	1									30	24	36
	25080110-005	8/12/25 1040	HNO3	Groundwater	✓	1	1	1									30	22	30
	25080110-006	8/12/25 0956	HNO3	Groundwater	✓	1	1	1									30	32	32
	25080110-007	8/12/25 1120	HNO3	Groundwater	✓	1	1	1									36	34	18
	25080110-008	8/13/25 0956	HNO3	Groundwater	✓	1	1	1									18	32	24
	25080110-009	8/13/25 1214	HNO3	Groundwater	✓	1	1	1									22	44	38
	25080110-010	8/13/25 1031	HNO3	Groundwater	✓	5	5	1									22	32	20
	25080110-011	8/13/25 1132	HNO3	Groundwater	✓	4	4	4									40	48	22

*Relinquished By	Date/Time	Received By	Date/Time
Shelly Hennessy		(11/3)	8/19/25 10:15AM

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

25081497

Are the samples chilled? YES ☐ NO ☒ With: ☐ Ice ☐ Blue Ice Preserved in: ☐ Lab ☐ FieldTeklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234Cooler Temp: Sampler: ClientQC Level: 2

Project# 25080110

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 is required.

Contact: Shelly Hennessy

Email: shennessy@TekLabInc.com

Requested Due Date: Standard TAT

Billing/PO: 39206

Phone: (618) 344-1004 ext.

State of Sample Origin = IL

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	Preservative	Matrix	R	14	14	14											
	25080110-012	8/12/25 1044	HNO3	Groundwater	✓	1	1	1									18	20	22
	25080110-013	8/12/25 1127	HNO3	Groundwater	✓	1	1	1									26	26	42
	25080110-014	8/13/25 0953	HNO3	Groundwater	✓	1	1	1									22	14	28
	25080110-015	8/13/25 1054	HNO3	Groundwater	✓	1	1	1									26	26	14
	25080110-016	8/12/25 1316	HNO3	Groundwater	✓	1	1	1									10	36	22
	25080110-017	8/12/25 1220	HNO3	Groundwater	✓	1	1	1									42	36	28
	25080110-018	8/13/25 1135	HNO3	Groundwater	✓	1	1	1									34	28	30
	25080110-019	8/13/25 1100	HNO3	Groundwater	✓	1	1	1									20	32	34
	25080110-020	8/13/25 1026	HNO3	Groundwater	✓	1	1	1									22	28	26
	25080110-021	8/12/25 1102	HNO3	Groundwater	✓	1	4	1									24	22	28
	25080110-022	8/12/25 1152	HNO3	Groundwater	✓	1	1	1									18	20	28

*Relinquished By	Date/Time	Received By	Date/Time
Uma O'Leary		NAH (UB)	8/19/25 10:15am

24.9 - 0.1 = 24.8

Sample Log-In Check List

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

Work Order Number: **25081497**

RcptNo: **1**

Logged by: **Spencer M. Hartwell** **8/19/2025 10:15:00 AM**

Spencer M. Hartwell

Completed By: **Spencer M. Hartwell** **8/20/2025 11:04:05 AM**

Spencer M. Hartwell

Reviewed By: **Jennifer Woolf** **8/21/2025 8:31:45 PM**

Jennifer M. 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: 8/15/2025 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 ☐
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:
combined also? : include per client email

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	24.8	Good	Yes	4443	8/15/2025	
2	24.8	Good	Yes	4444	8/15/2025	



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3310 Win St.
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Website: <http://www.settek.com>

Sample Log-In Check List

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

Work Order Number: **25081497**

RcptNo: 1

3	24.8	Good	Yes	4497	8/15/2025	
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