

**From:** [Werderitch, Paul](#)  
**To:** [Wren, Kira](#)  
**Cc:** [Monroe, Lucas H](#)  
**Subject:** Belmont Ash Monofill FP 49-12 Spring 2024 Semi Annual GW Monitoring Report  
**Date:** Wednesday, July 3, 2024 3:31:39 PM  
**Attachments:** [2024 BAM FP 49-12 SA GW Monitoring Report April 2024 070324.pdf](#)  
[2024 BAM FP 49-12 SA GW Monitoring Report EDD April 2024 070324.xls](#)

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Good afternoon Kira, please find attached the Spring Semi-Annual GW Monitoring Report for the Belmont Ash Monofil FP 49-12. The EDD is also attached and was sent to [geologydata@idem.in.gov](mailto:geologydata@idem.in.gov). If you have any questions, please let me know, and have a great weekend!

Paul R. Werderitch  
Environmental Specialist III



2150 Dr. Martin Luther King Jr St  
Indianapolis, IN 46202  
Phone/Fax: 317-429-3571, Cell: 317-400-3147  
[pwerderitch@citizensenergygroup.com](mailto:pwerderitch@citizensenergygroup.com)

# CWA AUTHORITY, INC.

2700 S. Belmont Ave. | Indianapolis, IN | 46221

July 2, 2024

Ms. Kira Wren  
Permits Manager  
Office of Land Quality – Mail Code 65-45  
100 North Senate Avenue  
Indianapolis, IN 46204-2251

Re: Belmont Ash Monofill (BAM)  
April 2024 GW Submittal  
FP #49-12

Dear Ms. Wren:

In accordance with 329 IAC 10-21, and on behalf of CWA Authority, Inc. (CWAA), please find attached hereto the April 2024 groundwater monitoring report for the Belmont Ash Monofill. A copy of the April 2024 EDD will be forwarded to [geologydata@idem.in.gov](mailto:geologydata@idem.in.gov)

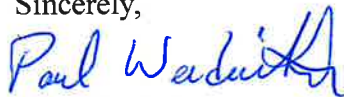
Regional Services Corp (RSC) performed sampling on April 29 and 30, 2024. ESG Laboratories performed the analytical. RSC reviewed field, analytical, and quality control data, and performed statistical evaluations and prepared the final report and EDD. RSC requested a seven (7) day extension to submit this report on June 21, 2024. The extension to submit was granted on June 24, 2024 making the new submission deadline July 6, 2024.

Field and laboratory data sheets are included in Attachment 1. Concentration data for ammonia, dissolved arsenic, chloride, dissolved barium, dissolved iron, dissolved manganese, dissolved sodium, and sulfate were analyzed statistically using the Mann Kendall trend test. Mann Kendall trend analyses, using all historical data, are included in Attachment 2. Potentiometric surface maps for upper, middle, and lower aquifers are also included in Attachment 2. Duplicate samples were obtained from Wells 7M (DUP - 1) and 3M (DUP - 2). Dissolved arsenic was detected in concentrations at or above the MCL of 0.01 mg/l in Wells 1U (0.0269 mg/l), 3U (0.015 mg/l), 4UR (0.037 mg/l), and 5UR2 (0.0172 mg/l).

In accordance with short term demonstration plans, groundwater extraction began in March 2003. At the time of the April 2024 monitoring event, approximately 3.4 billion gallons of groundwater had been pumped from the BAM aquifers to the Belmont Advanced Wastewater Treatment Facility. Pursuant to the IDEM letter of October 25, 2006, progress and performance reports will be submitted annually.

If you have any questions regarding this submittal, please feel free to contact me at (317) 429-3571.

Sincerely,



Paul Werderitch  
Environmental Specialist III  
Citizens Energy Group  
2150 Dr. Martin Luther King Jr St  
Indianapolis, IN 46221  
[pwerderitch@citizensenergygroup.com](mailto:pwerderitch@citizensenergygroup.com)  
Cc: Dave Jobe, RSC

Attachment 1

Field Data Sheets and Certified Lab Report

### Field Data Record - Ground Water Purging

Project Name: Belmont Ash Monofill				Project Location: Indianapolis, IN				Sampling Personnel: DSJ LDJ			
Date: 4/29/2024 and 4/30/2024			Weather Conditions: Cloudy 63° - 73° and Fair 57° - 76°								
Purging Date:	Monitoring Well	Purging Time	Reference Elevation (ft. msl)	Depth to Water (ft.)	Water Elevation (ft. msl)	Constructed Depth of Well (ft.)	Total Depth of Well (ft.) (annual check)	Depth of Water (ft.)	Volume of Water Removed (gallons)	Turbidity H-high, M-medium, L-low, N-none	Odor Y-yes N-no
4/29/2024	MW7M	8:30	692.89	27.38	665.51	80.2		52.82	27	N	Y
4/29/2024	MW7L	9:15	693.21	27.94	665.27	108.2		80.26	40	M	Y
4/29/2024	MW7U	10:05	694.35	28.34	666.01	35.2		6.86	4	L	N
4/29/2024	MW6U	10:15	692.77	26.95	665.82	35.2		8.25	4	M	Y
4/29/2024	MW6M	10:40	692.28	26.48	665.8	83.2		56.72	28	L	N
4/29/2024	MW6L	11:20	691.70	26.36	665.34	113.2		86.84	43	M	N
4/29/2024	MW5UR2	12:15	693.27	27.62	665.65	40.2		12.58	6	H	Y
4/29/2024	MW5MR	12:35	690.63	24.77	665.86	80.2		55.43	27	H	N
4/29/2024	MW5LR	13:10	690.71	25.24	665.47	107.1		81.86	41	L	N
4/29/2024	MW2U	14:10	682.24	16.35	665.89	40.2		23.85	7	H	Y
4/30/2024	MW4UR	8:30	692.79	26.33	666.46	47.3		20.97	10	M	Y
4/30/2024	MW3M	9:00	692.60	26.28	666.32	55.2		28.92	14	L	N
4/30/2024	MW3U	9:35	692.72	26.18	666.54	45.5		19.32	9	L	N
4/30/2024	MW1U	10:00	692.05	25.5	666.55	31		5.5	7	N	N

Notes:

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### Field Data Record -Ground Water Sampling

Project Name: Belmont Ash Monofill				Project Location: Indianapolis, IN				Sampling Personnel: DSJ LDJ			
Date: 4/29/2024 and 4/30/2024			Weather Conditions: Cloudy 63° - 73° and Fair 57° - 76°								
Sampling Date:	Monitoring Well	Sampling Time	Decon Time	Field pH (Std. Units)	Field Specific Conductance (umhos/cm)	Field Eh (millivolts)	Field D.O. (mg/l)	Field Temp. Temp. (Degrees C)	Turbidity H-high, M-medium, L-low, N-none	Odor Y-yes N-no	Reaction H-high M-medium L-low, N-none
4/29/2024	MW7M	9:10	9:15	7.1	815	45	3.17	15.7	N	Y	L - N
4/29/2024	MW7L	10:00	10:05	7.1	1155	30	3.18	15.6	M	Y	L - N
4/29/2024	MW7U	10:20	10:25	6.8	907	40	3.5	16.9	L	N	L - N
4/29/2024	MW6U	10:35	10:40	7	919	44	3.04	16.7	M	Y	L - N
4/29/2024	MW6M	11:15	11:20	7	845	25	3.08	15.5	L	N	L - N
4/29/2024	MW6L	12:10	12:15	7	1168	12	3.01	15.9	M	N	L - N
4/29/2024	MW5UR2	12:30	12:35	7	905	12	3.36	14.8	H	Y	L - N
4/29/2024	MW5MR	13:05	13:10	6.9	1160	17	3.14	15.4	H	N	L - N
4/29/2024	MW5LR	14:00	14:05	7	1220	5	2.77	15.9	L	N	L - N
4/29/2024	MW2U	14:25	14:30	6.9	910	48	2.97	14.0	N	N	L - N
4/30/2024	MW4UR	8:50	8:55	7	1256	33	2.88	16.8	M	Y	L - N
4/30/2024	MW3M	9:30	9:35	6.8	1118	33	3.5	14.9	L	N	L - N
4/30/2024	MW3U	9:50	9:55	6.8	1102	25	3.5	14.3	L	N	L - N
4/30/2024	MW1U	10:15	10:20	6.8	1259	60	2.78	17.8	H	Y	L - N

Dup 1 - MW7M, Dup 2 - MW3M

Notes: 1. trip blank filled by lab

### Field Data Record

Project Name: Belmont Ash Monofill								Date: 4/29/2024 and 4/30/2024						Weather Conditions: Cloudy 63° - 73° and Fair 57° - 76°						Sampling Personnel: DSJ LDJ				
Project Location: Indianapolis, Indiana																								
Well ID	Ref Mark	Condition of Wellhead						Condition of Lock						Well Designation			Purge Equipment				Sampling Equipment			
		OK	ID Missing	Cap Missing	Concrete Cracked	Pro-Cover Damaged	Other	OK	Missing	Damaged	Unlocked	Frozen	Cut-Off	Upgradient	Downgradient	Other	Pump	Bailer (List Type)	Rope (List Type)	Other	Pump	Bailer (List Type)	Rope (List Type)	Other
MW7M	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW7L	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW7U	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW6M	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW6U	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW6L	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW5UR2	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW5MR	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW5LR	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW4UR	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW3M	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW3U	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW2U	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
MW1U	x	x					x								x	x	N/A	N/A		x	N/A	N/A		
																					N/A	N/A		

Notes: Other Designation is Intra Well

Field Calibration Standards:	Source:
pH 7.0/6.9	7
SC 1408/1414	1413

# - CERTIFICATE OF ANALYSIS -

Disp. Code: E I

Report Date: 09-May-24 03:08 PM

**Client ID:** RSC

Regional Services Corp.  
6701 East State Road 44  
Franklin, Indiana 46131

**Phone:** (317) 736-5523

**Attn:** David Jobe

**FAX:**

<b>Our Lab #</b> 24006946-001	<b>Your Sample ID:</b> MW-7M
<b>Your Project #</b>	<b>Sample Composition:</b> Grab
<b>Your Project Name:</b> Belmont Ash Monofill	<b>Collection Date:</b> 04/29/24 09:10
<b>Sample Type:</b> Groundwater	<b>Collected By:</b> Client
	<b>Receipt Date:</b> 04/29/24 15:15

Dissolved Metals, ICP-AES

Analytical Method   Prep Method   Prep Date   By  
SW846 6010C   SW846 3010A   4/30/2024   swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.131	mg/L		0.0200	7440-39-3	05/01/24 17:45	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/01/24 17:45	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/01/24 17:45	swaldron
Calcium, Dissolved	129	mg/L		5.00	7440-70-2	05/01/24 17:45	swaldron
Iron, Dissolved	0.189	mg/L		0.0100	7439-89-6	05/01/24 17:45	swaldron
Magnesium, Dissolved	24.3	mg/L		0.0500	7439-95-4	05/01/24 17:45	swaldron
Manganese, Dissolved	0.0829	mg/L		0.0100	7439-96-5	05/01/24 17:45	swaldron
Potassium, Dissolved	4.44	mg/L		1.00	7440-09-7	05/01/24 17:45	swaldron
Silver, Dissolved	< 0.0050	mg/L		0.0050	7440-22-4	05/01/24 17:45	swaldron
Sodium, Dissolved	52.7	mg/L		10.00	7440-23-5	05/01/24 17:45	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/01/24 17:45	swaldron

Arsenic, Dissolved, ICP-MS

Analytical Method   Prep Method   Prep Date   By  
EPA 200.8   EPA 200.8   4/30/2024   ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	< 0.0010	mg/L		0.0010	7440-38-2	05/01/24 15:15	ppierle

Lab # 24006946-001

Sample ID: MW-7M

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**ESG Laboratories**  
5940 WEST RAYMOND STREET  
INDIANAPOLIS, INDIANA 46241

ORIGINAL REPORT

PHONE (317) 290-1471  
FAX (317) 290-1670  
www.ESGLaboratories.com

Copper, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 4/30/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Copper, Cu	0.00022	mg/L		0.00020	7440-50-8	05/01/24 15:15	ppierle

Lead, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 4/30/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/01/24 15:15	ppierle

Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 4/30/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/01/24 15:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 4/30/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/01/24 15:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	0.923	mg/L		0.100	7664-41-7	05/02/24 13:30	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	< 10.0	mg/L O2		10.0		04/30/24 13:00	jtrietsch

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	290	mg/L CaCO3		10.0		05/01/24 12:00	jto

Lab # 24006946-001

Sample ID: MW-7M

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**ESG Laboratories**  
5940 WEST RAYMOND STREET  
INDIANAPOLIS, INDIANA 46241

ORIGINAL REPORT

PHONE (317) 290-1471  
FAX (317) 290-1670  
www.ESGLaboratories.com



Bicarbonate		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SM 2320B					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Bicarbonate	290	mg/L		10.0		05/01/24 12:00	jto

Carbonate		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SM 2320B					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Chloride		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SW846 9252A					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Chloride	82.5	mg/L		10.0	16887-00-6	05/01/24 09:00	eross

Sulfate		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SW846 9038					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Sulfate	97.0	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jttrietsch

Total Dissolved Solids at 180°C		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SM 2540 C					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Residue, Filterable (Dissolved Solids)	575	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SM 2540 B					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Total Solids at 105°C	581	mg/L		0.50		04/29/24 17:00	mkuehn



Our Lab # 24006946-002

Your Sample ID: MW-7L

Sample Composition: Grab

Your Project #

Collection Date: 04/29/24 10:00

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/29/24 15:15

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	4/30/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.182	mg/L		0.0200	7440-39-3	05/01/24 17:45	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/01/24 17:45	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/01/24 17:45	swaldron
Calcium, Dissolved	54.2	mg/L		5.00	7440-70-2	05/01/24 17:45	swaldron
Iron, Dissolved	1.76	mg/L		0.0100	7439-89-6	05/01/24 17:45	swaldron
Magnesium, Dissolved	24.7	mg/L		0.0500	7439-95-4	05/01/24 17:45	swaldron
Manganese, Dissolved	0.0715	mg/L		0.0100	7439-96-5	05/01/24 17:45	swaldron
Potassium, Dissolved	8.51	mg/L		1.00	7440-09-7	05/01/24 17:45	swaldron
Silver, Dissolved	< 0.0050	mg/L		0.0050	7440-22-4	05/01/24 17:45	swaldron
Sodium, Dissolved	61.4	mg/L		1.00	7440-23-5	05/01/24 17:45	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/01/24 17:45	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	4/30/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	0.0029	mg/L		0.0010	7440-38-2	05/01/24 15:15	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	4/30/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/01/24 15:15	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	4/30/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/01/24 15:15	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 4/30/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/01/24 15:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 4/30/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/01/24 15:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	20.2	mg/L		0.100	7664-41-7	05/02/24 13:30	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	< 10.0	mg/L O2		10.0		04/30/24 13:00	jttrisch

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	260	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	260	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006946-002

Sample ID: MW-7L

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**ESG Laboratories**

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ORIGINAL REPORT

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Chloride	82.5	mg/L		10.0	16887-00-6	05/01/24 09:00	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Sulfate	44.2	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Residue, Filterable (Dissolved Solids)	406	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Total Solids at 105°C	431	mg/L		0.50		04/29/24 17:00	mkuehn



Our Lab # 24006946-003

Your Sample ID: MW-7U

Sample Composition: Grab

Your Project #

Collection Date: 04/29/24 10:20

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/29/24 15:15

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/1/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.0837	mg/L		0.0200	7440-39-3	05/02/24 15:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 15:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 15:30	swaldron
Calcium, Dissolved	119	mg/L		5.00	7440-70-2	05/02/24 15:30	swaldron
Iron, Dissolved	19.1	mg/L		0.100	7439-89-6	05/02/24 15:30	swaldron
Magnesium, Dissolved	24.6	mg/L		0.0500	7439-95-4	05/02/24 15:30	swaldron
Manganese, Dissolved	1.29	mg/L		0.0100	7439-96-5	05/02/24 15:30	swaldron
Potassium, Dissolved	5.26	mg/L		1.00	7440-09-7	05/02/24 15:30	swaldron
Silver, Dissolved	0.0129	mg/L		0.0050	7440-22-4	05/02/24 15:30	swaldron
Sodium, Dissolved	109	mg/L		10.00	7440-23-5	05/02/24 15:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 15:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	0.0082	mg/L		0.0010	7440-38-2	05/02/24 14:30	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	0.00121	mg/L		0.00020	7440-50-8	05/02/24 14:30	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/02/24 14:30	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/02/24 14:30	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/02/24 14:30	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	1.09	mg/L		0.100	7664-41-7	05/02/24 13:30	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	15.2	mg/L O2		10.0		04/30/24 13:00	jttrisch

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	230	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	230	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006946-003

Sample ID: MW-7U

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Chloride	115	mg/L		10.0	16887-00-6	05/01/24 09:00	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Sulfate	52.0	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Residue, Filterable (Dissolved Solids)	520	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Total Solids at 105°C	568	mg/L		0.50		04/29/24 17:00	mkuehn



Our Lab # 24006946-004

Your Sample ID: MW-6U

Sample Composition: Grab

Your Project #

Collection Date: 04/29/24 10:35

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/29/24 15:15

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/1/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.140	mg/L		0.0200	7440-39-3	05/02/24 15:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 15:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 15:30	swaldron
Calcium, Dissolved	182	mg/L		5.00	7440-70-2	05/02/24 15:30	swaldron
Iron, Dissolved	6.90	mg/L		0.0100	7439-89-6	05/02/24 15:30	swaldron
Magnesium, Dissolved	26.9	mg/L		0.0500	7439-95-4	05/02/24 15:30	swaldron
Manganese, Dissolved	0.640	mg/L		0.0100	7439-96-5	05/02/24 15:30	swaldron
Potassium, Dissolved	7.77	mg/L		1.00	7440-09-7	05/02/24 15:30	swaldron
Silver, Dissolved	0.0068	mg/L		0.0050	7440-22-4	05/02/24 15:30	swaldron
Sodium, Dissolved	73.8	mg/L		10.00	7440-23-5	05/02/24 15:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 15:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	< 0.0010	mg/L		0.0010	7440-38-2	05/02/24 14:30	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/02/24 14:30	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/02/24 14:30	ppierle





Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/02/24 14:30	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/02/24 14:30	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	2.72	mg/L		0.100	7664-41-7	05/02/24 13:30	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	< 10.0	mg/L O2		10.0		04/30/24 13:00	jttrietsch

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	440	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	440	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006946-004

Sample ID: MW-6U

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Chloride		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SW846 9252A					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Chloride	95.0	mg/L		10.0	16887-00-6	05/01/24 09:00	eross

Sulfate		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SW846 9038					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Sulfate	16.2	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SM 2540 C					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Residue, Filterable (Dissolved Solids)	689	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SM 2540 B					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Total Solids at 105°C	647	mg/L		0.50		04/29/24 17:00	mkuehn



Our Lab # 24006946-005

Your Sample ID: MW-6M

Sample Composition: Grab

Your Project #

Collection Date: 04/29/24 11:15

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/29/24 15:15

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/1/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.319	mg/L		0.0200	7440-39-3	05/02/24 15:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 15:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 15:30	swaldron
Calcium, Dissolved	78.7	mg/L		5.00	7440-70-2	05/02/24 15:30	swaldron
Iron, Dissolved	0.535	mg/L		0.0100	7439-89-6	05/02/24 15:30	swaldron
Magnesium, Dissolved	25.1	mg/L		0.0500	7439-95-4	05/02/24 15:30	swaldron
Manganese, Dissolved	0.147	mg/L		0.0100	7439-96-5	05/02/24 15:30	swaldron
Potassium, Dissolved	7.25	mg/L		1.00	7440-09-7	05/02/24 15:30	swaldron
Silver, Dissolved	< 0.0050	mg/L		0.0050	7440-22-4	05/02/24 15:30	swaldron
Sodium, Dissolved	69.4	mg/L		10.00	7440-23-5	05/02/24 15:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 15:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	< 0.0010	mg/L		0.0010	7440-38-2	05/02/24 14:30	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/02/24 14:30	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/02/24 14:30	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/02/24 14:30	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/02/24 14:30	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	14.3	mg/L		0.100	7664-41-7	05/02/24 13:30	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	< 10.0	mg/L O2		10.0		04/30/24 13:00	jttrisch

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	240	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	240	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006946-005

Sample ID: MW-6M

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Chloride	82.5	mg/L		10.0	16887-00-6	05/01/24 09:00	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Sulfate	49.4	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Residue, Filterable (Dissolved Solids)	435	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Total Solids at 105°C	430	mg/L		0.50		04/29/24 17:00	mkuehn



Our Lab # 24006946-006

Your Sample ID: MW-6L

Sample Composition: Grab

Your Project #

Collection Date: 04/29/24 12:10

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/29/24 15:15

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/1/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.368	mg/L		0.0200	7440-39-3	05/02/24 15:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 15:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 15:30	swaldron
Calcium, Dissolved	83.7	mg/L		5.00	7440-70-2	05/02/24 15:30	swaldron
Iron, Dissolved	1.93	mg/L		0.0100	7439-89-6	05/02/24 15:30	swaldron
Magnesium, Dissolved	34.1	mg/L		0.0500	7439-95-4	05/02/24 15:30	swaldron
Manganese, Dissolved	0.101	mg/L		0.0100	7439-96-5	05/02/24 15:30	swaldron
Potassium, Dissolved	15.9	mg/L		1.00	7440-09-7	05/02/24 15:30	swaldron
Silver, Dissolved	< 0.0050	mg/L		0.0050	7440-22-4	05/02/24 15:30	swaldron
Sodium, Dissolved	119	mg/L		10.00	7440-23-5	05/02/24 15:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 15:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	< 0.0010	mg/L		0.0010	7440-38-2	05/02/24 14:30	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/02/24 14:30	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/02/24 14:30	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/02/24 14:30	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/02/24 14:30	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	33.8	mg/L		0.100	7664-41-7	05/02/24 13:30	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	< 10.0	mg/L O2		10.0		04/30/24 13:00	jttrietsch

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	400	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	400	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006946-006

Sample ID: MW-6L

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Chloride	135	mg/L		10.0	16887-00-6	05/01/24 09:00	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Sulfate	13.9	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Residue, Filterable (Dissolved Solids)	618	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Total Solids at 105°C	710	mg/L		0.50		04/29/24 17:00	mkuehn





Our Lab # 24006946-007

Your Sample ID: MW-5UR2

Sample Composition: Grab

Your Project #

Collection Date: 04/29/24 12:30

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/29/24 15:15

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/1/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.124	mg/L		0.0200	7440-39-3	05/02/24 15:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 15:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 15:30	swaldron
Calcium, Dissolved	121	mg/L		5.00	7440-70-2	05/02/24 15:30	swaldron
Iron, Dissolved	6.32	mg/L		0.0100	7439-89-6	05/02/24 15:30	swaldron
Magnesium, Dissolved	33.1	mg/L		0.0500	7439-95-4	05/02/24 15:30	swaldron
Manganese, Dissolved	0.328	mg/L		0.0100	7439-96-5	05/02/24 15:30	swaldron
Potassium, Dissolved	5.18	mg/L		1.00	7440-09-7	05/02/24 15:30	swaldron
Silver, Dissolved	0.0061	mg/L		0.0050	7440-22-4	05/02/24 15:30	swaldron
Sodium, Dissolved	42.3	mg/L		1.00	7440-23-5	05/02/24 15:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 15:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	0.0172	mg/L		0.0010	7440-38-2	05/02/24 14:30	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/02/24 14:30	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/02/24 14:30	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/02/24 14:30	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/02/24 14:30	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	1.93	mg/L		0.100	7664-41-7	05/02/24 13:30	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	< 10.0	mg/L O2		10.0		04/30/24 13:00	jttrisch

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	410	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	410	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006946-007

Sample ID: MW-5UR2

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Chloride	65.0	mg/L		10.0	16887-00-6	05/01/24 09:00	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Sulfate	49.9	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Residue, Filterable (Dissolved Solids)	531	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Total Solids at 105°C	568	mg/L		0.50		04/29/24 17:00	mkuehn



Our Lab # 24006946-008

Your Sample ID: MW-5MR

Sample Composition: Grab

Your Project #

Collection Date: 04/29/24 13:05

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/29/24 15:15

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/1/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	1.06	mg/L		0.0200	7440-39-3	05/02/24 15:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 15:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 15:30	swaldron
Calcium, Dissolved	147	mg/L		5.00	7440-70-2	05/02/24 15:30	swaldron
Iron, Dissolved	6.89	mg/L		0.0100	7439-89-6	05/02/24 15:30	swaldron
Magnesium, Dissolved	93.7	mg/L		0.500	7439-95-4	05/02/24 15:30	swaldron
Manganese, Dissolved	0.117	mg/L		0.0100	7439-96-5	05/02/24 15:30	swaldron
Potassium, Dissolved	9.18	mg/L		1.00	7440-09-7	05/02/24 15:30	swaldron
Silver, Dissolved	0.0061	mg/L		0.0050	7440-22-4	05/02/24 15:30	swaldron
Sodium, Dissolved	66.6	mg/L		1.00	7440-23-5	05/02/24 15:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 15:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	< 0.0010	mg/L		0.0010	7440-38-2	05/09/24 14:15	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/09/24 14:15	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/09/24 14:15	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/09/24 14:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/09/24 14:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	18.4	mg/L		0.100	7664-41-7	05/03/24 13:00	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	34.7	mg/L O2		10.0		05/01/24 08:45	eross

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	780	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	780	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006946-008

Sample ID: MW-5MR

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Chloride	< 10.0	mg/L		10.0	16887-00-6	05/01/24 09:00	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Sulfate	82.5	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Residue, Filterable (Dissolved Solids)	857	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Total Solids at 105°C	931	mg/L		0.50		04/29/24 17:00	mkuehn



Our Lab # 24006946-009

Your Sample ID: MW-5LR

Sample Composition: Grab

Your Project #

Collection Date: 04/29/24 14:00

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/29/24 15:15

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/1/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.800	mg/L		0.0200	7440-39-3	05/02/24 15:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 15:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 15:30	swaldron
Calcium, Dissolved	75.2	mg/L		0.500	7440-70-2	05/02/24 15:30	swaldron
Iron, Dissolved	2.78	mg/L		0.0100	7439-89-6	05/02/24 15:30	swaldron
Magnesium, Dissolved	35.7	mg/L		0.0500	7439-95-4	05/02/24 15:30	swaldron
Manganese, Dissolved	0.0735	mg/L		0.0100	7439-96-5	05/02/24 15:30	swaldron
Potassium, Dissolved	18.3	mg/L		1.00	7440-09-7	05/02/24 15:30	swaldron
Silver, Dissolved	< 0.0050	mg/L		0.0050	7440-22-4	05/02/24 15:30	swaldron
Sodium, Dissolved	98.0	mg/L		1.00	7440-23-5	05/02/24 15:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 15:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	< 0.0010	mg/L		0.0010	7440-38-2	05/09/24 14:15	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/09/24 14:15	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/09/24 14:15	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/09/24 14:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/09/24 14:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	48.7	mg/L		0.100	7664-41-7	05/03/24 13:00	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	25.5	mg/L O2		10.0		05/01/24 08:45	eross

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	470	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	470	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006946-009

Sample ID: MW-5LR

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Chloride	150	mg/L		10.0	16887-00-6	05/01/24 09:00	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Sulfate	36.4	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Residue, Filterable (Dissolved Solids)	453	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Total Solids at 105°C	686	mg/L		0.50		04/29/24 17:00	mkuehn



Our Lab # 24006946-010

Your Sample ID: MW-2U

Sample Composition: Grab

Your Project #

Collection Date: 04/29/24 14:25

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/29/24 15:15

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/1/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.184	mg/L		0.0200	7440-39-3	05/02/24 15:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 15:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 15:30	swaldron
Calcium, Dissolved	129	mg/L		5.00	7440-70-2	05/02/24 15:30	swaldron
Iron, Dissolved	0.652	mg/L		0.0100	7439-89-6	05/02/24 15:30	swaldron
Magnesium, Dissolved	31.6	mg/L		0.0500	7439-95-4	05/02/24 15:30	swaldron
Manganese, Dissolved	0.173	mg/L		0.0100	7439-96-5	05/02/24 15:30	swaldron
Potassium, Dissolved	6.58	mg/L		1.00	7440-09-7	05/02/24 15:30	swaldron
Silver, Dissolved	< 0.0050	mg/L		0.0050	7440-22-4	05/02/24 15:30	swaldron
Sodium, Dissolved	54.3	mg/L		10.00	7440-23-5	05/02/24 15:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 15:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	0.0015	mg/L		0.0010	7440-38-2	05/09/24 14:15	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	0.00065	mg/L		0.00020	7440-50-8	05/09/24 14:15	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/09/24 14:15	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/09/24 14:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/09/24 14:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	4.81	mg/L		0.100	7664-41-7	05/03/24 13:00	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	< 10.0	mg/L O2		10.0		05/01/24 08:45	eross

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	430	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	430	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006946-010

Sample ID: MW-2U

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Chloride	84.0	mg/L		10.0	16887-00-6	05/01/24 09:00	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Sulfate	13.1	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Residue, Filterable (Dissolved Solids)	540	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Total Solids at 105°C	603	mg/L		0.50		04/29/24 17:00	mkuehn



Our Lab # 24006946-011

Your Sample ID: Dup - 1

Sample Composition: Grab

Your Project #

Collection Date: 04/29/24

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/29/24 15:15

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/1/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.132	mg/L		0.0200	7440-39-3	05/02/24 15:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 15:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 15:30	swaldron
Calcium, Dissolved	132	mg/L		0.500	7440-70-2	05/02/24 15:30	swaldron
Iron, Dissolved	0.187	mg/L		0.0100	7439-89-6	05/02/24 15:30	swaldron
Magnesium, Dissolved	22.4	mg/L		0.0500	7439-95-4	05/02/24 15:30	swaldron
Manganese, Dissolved	0.0892	mg/L		0.0100	7439-96-5	05/02/24 15:30	swaldron
Potassium, Dissolved	4.15	mg/L		1.00	7440-09-7	05/02/24 15:30	swaldron
Silver, Dissolved	< 0.0050	mg/L		0.0050	7440-22-4	05/02/24 15:30	swaldron
Sodium, Dissolved	49.9	mg/L		1.00	7440-23-5	05/02/24 15:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 15:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	< 0.0010	mg/L		0.0010	7440-38-2	05/09/24 14:15	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/09/24 14:15	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/09/24 14:15	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/09/24 14:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/09/24 14:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	0.696	mg/L		0.100	7664-41-7	05/03/24 13:00	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	< 10.0	mg/L O2		10.0		05/01/24 08:45	eross

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	290	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	290	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006946-011

Sample ID: Dup - 1

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Chloride	87.5	mg/L		10.0	16887-00-6	05/01/24 09:00	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Sulfate	50.7	mg/L SO4		5.0	14808-79-8	05/08/24 11:30	jtrietsch

Total Dissolved Solids at 180°C

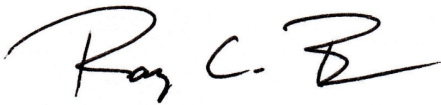
Analytical Method Prep Method Prep Date By  
SM 2540 C

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Residue, Filterable (Dissolved Solids)	548	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Total Solids at 105°C	581	mg/L		0.50		04/29/24 17:00	mkuehn



5/9/2024

Lab Manager

Date



Client Name:		ESG Lab #		Matrix Codes:		W - Water		WW - Wastewater		DW - Drinking Water		S - Soil/Solid		SL - Sludge		O - Oil		PR - Product		OT - Other	
Regional Services Corp		28006946		W		N		S		U											
Project Name:		Project #		Sample Matrix		Total Number of Containers		Preserv. Code		Filtered (Y/N)		Preserv. Codes		Comments							
Belmont Ash Monofil (RAM)				W		3		N S U		Y		N = HNO <sub>3</sub> S = H <sub>2</sub> SO <sub>4</sub> H = HCl U = Unpreserved OH = NaOH SO = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>									
Sampler(s) Signature:		Signature		Signature		Signature		Signature		Signature		Signature		Signature							
<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>							
SAMPLE NO		SAMPLE COMP		COLLECTION START		COLLECTION END		DATE		TIME		DATE		TIME							
1	MW 7M			4/29/24	9:10			4/29/24	9:10												
2	MW 7L				10:00				10:00												
3	MW 7A				<del>10:35</del> 10:35				10:35												
4	MW 6A				11:15				11:15												
5	MW 6M				12:10				12:10												
6	MW 6L				12:30				12:30												
7	MW 5UR2				13:05				13:05												
8	MW 5MR				14:00				14:00												
9	MW 5LR				14:25				14:25												
10	MW 2A																				
11	DUP - 1																				
12																					
13																					
14																					
15																					

TRANSFER OF CUSTODY		DATE / TIME	
Relinquished By:	<i>[Signature]</i>	4/29/24	15:15
Received By:	<i>[Signature]</i>		
Relinquished By:	<i>[Signature]</i>		
Received By:	<i>[Signature]</i>		
Relinquished By:			
Received By:			

SAMPLE CONDITION UPON RECEIPT		SAMPLE COMMENTS	
Sample Temp:	10.8 °C	Please note if sample(s) suspected to be hazardous, corrosive, or requires special handling for any reason.	
Received on Ice:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>[Signature]</i> II QC	
Samples Intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Adequate Volume:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Appropriate Containers:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Appropriate Preservation:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Within Hold Time:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Head Space Absent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Custody Seals Intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		

TURN-AROUND TIME	
Normal	Requested Due Date: _____
Rush	Requested Due Date: _____

REPORT/RESULTS DELIVERY	
E-MAIL	dsjoked@hotmail.com
pH METER CALIBRATION	4.00 / 7.00 / 10.00



# - CERTIFICATE OF ANALYSIS -

Disp. Code: E I

Report Date: 09-May-24 03:10 PM

**Client ID:** RSC

Regional Services Corp.  
6701 East State Road 44  
Franklin, Indiana 46131

**Phone:** (317) 736-5523

**Attn:** David Jobe

**FAX:**

<b>Our Lab #</b> 24006990-001	<b>Your Sample ID:</b> MW-4UR
<b>Your Project #</b>	<b>Sample Composition:</b> Grab
<b>Your Project Name:</b> Belmont Ash Monofill	<b>Collection Date:</b> 04/30/24 08:50
<b>Sample Type:</b> Groundwater	<b>Collected By:</b> Client
	<b>Receipt Date:</b> 04/30/24 11:35

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/1/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.180	mg/L		0.0200	7440-39-3	05/02/24 15:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 15:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 15:30	swaldron
Calcium, Dissolved	114	mg/L		5.00	7440-70-2	05/02/24 15:30	swaldron
Iron, Dissolved	6.41	mg/L		0.0100	7439-89-6	05/02/24 15:30	swaldron
Magnesium, Dissolved	28.3	mg/L		0.0500	7439-95-4	05/02/24 15:30	swaldron
Manganese, Dissolved	0.223	mg/L		0.0100	7439-96-5	05/02/24 15:30	swaldron
Potassium, Dissolved	8.98	mg/L		1.00	7440-09-7	05/02/24 15:30	swaldron
Silver, Dissolved	0.0063	mg/L		0.0050	7440-22-4	05/02/24 15:30	swaldron
Sodium, Dissolved	194	mg/L		10.00	7440-23-5	05/02/24 15:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 15:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	0.0370	mg/L		0.0010	7440-38-2	05/09/24 14:15	ppierle

Lab # 24006990-001

Sample ID: MW-4UR

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Copper, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/09/24 14:15	ppierle

Lead, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/09/24 14:15	ppierle

Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/09/24 14:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/09/24 14:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	1.86	mg/L		0.100	7664-41-7	05/03/24 13:00	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	14.7	mg/L O2		10.0		05/01/24 08:45	eross

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	320	mg/L CaCO3		10.0		05/01/24 12:00	jto

Lab # 24006990-001

Sample ID: MW-4UR

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Bicarbonate		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SM 2320B					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Bicarbonate	320	mg/L		10.0		05/01/24 12:00	jto

Carbonate		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SM 2320B					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Chloride		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SW846 9252A					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Chloride	185	mg/L		10.0	16887-00-6	04/30/24 13:45	eross

Sulfate		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SW846 9038					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Sulfate	129	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jttrietsch

Total Dissolved Solids at 180°C		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SM 2540 C					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Residue, Filterable (Dissolved Solids)	830	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C		<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>		
		SM 2540 B					
Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Total Solids at 105°C	884	mg/L		0.50		05/06/24 18:00	mkuehn



Our Lab # 24006990-002

Your Sample ID: MW-3M

Sample Composition: Grab

Your Project #

Collection Date: 04/30/24 09:30

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/30/24 11:35

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/2/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.159	mg/L		0.0200	7440-39-3	05/02/24 17:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 17:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 17:30	swaldron
Calcium, Dissolved	147	mg/L		5.00	7440-70-2	05/02/24 17:30	swaldron
Iron, Dissolved	1.14	mg/L		0.0100	7439-89-6	05/02/24 17:30	swaldron
Magnesium, Dissolved	35.7	mg/L		0.0500	7439-95-4	05/02/24 17:30	swaldron
Manganese, Dissolved	0.127	mg/L		0.0100	7439-96-5	05/02/24 17:30	swaldron
Potassium, Dissolved	2.81	mg/L		1.00	7440-09-7	05/02/24 17:30	swaldron
Silver, Dissolved	< 0.0050	mg/L		0.0050	7440-22-4	05/02/24 17:30	swaldron
Sodium, Dissolved	38.0	mg/L		1.00	7440-23-5	05/02/24 17:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 17:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	< 0.0010	mg/L		0.0010	7440-38-2	05/09/24 14:15	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/09/24 14:15	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/09/24 14:15	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/09/24 14:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/09/24 14:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	1.64	mg/L		0.100	7664-41-7	05/03/24 13:00	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	54.6	mg/L O2		10.0		05/01/24 08:45	eross

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	400	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	400	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006990-002

Sample ID: MW-3M

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Chloride	95.0	mg/L		10.0	16887-00-6	04/30/24 13:45	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Sulfate	45.5	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Residue, Filterable (Dissolved Solids)	573	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Total Solids at 105°C	615	mg/L		0.50		05/06/24 18:00	mkuehn



Our Lab # 24006990-003

Your Sample ID: MW-3U

Sample Composition: Grab

Your Project #

Collection Date: 04/30/24 09:50

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/30/24 11:35

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/2/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.164	mg/L		0.0200	7440-39-3	05/02/24 17:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 17:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 17:30	swaldron
Calcium, Dissolved	142	mg/L		5.00	7440-70-2	05/02/24 17:30	swaldron
Iron, Dissolved	5.29	mg/L		0.0100	7439-89-6	05/02/24 17:30	swaldron
Magnesium, Dissolved	34.8	mg/L		0.0500	7439-95-4	05/02/24 17:30	swaldron
Manganese, Dissolved	0.212	mg/L		0.0100	7439-96-5	05/02/24 17:30	swaldron
Potassium, Dissolved	5.32	mg/L		1.00	7440-09-7	05/02/24 17:30	swaldron
Silver, Dissolved	0.0053	mg/L		0.0050	7440-22-4	05/02/24 17:30	swaldron
Sodium, Dissolved	62.5	mg/L		10.00	7440-23-5	05/02/24 17:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 17:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	0.0150	mg/L		0.0010	7440-38-2	05/09/24 14:15	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/09/24 14:15	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/09/24 14:15	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/09/24 14:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/09/24 14:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Ammonia	8.09	mg/L		0.100	7664-41-7	05/03/24 13:00	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Chemical Oxygen Demand	15.8	mg/L O2		10.0		05/01/24 08:45	eross

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Alkalinity	430	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Bicarbonate	430	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006990-003

Sample ID: MW-3U

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Chloride	110	mg/L		10.0	16887-00-6	04/30/24 13:45	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Sulfate	70.9	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Residue, Filterable (Dissolved Solids)	794	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Total Solids at 105°C	891	mg/L		0.50		05/06/24 18:00	mkuehn



Our Lab # 24006990-004

Your Sample ID: MW-1U

Sample Composition: Grab

Your Project #

Collection Date: 04/30/24 10:15

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/30/24 11:35

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/2/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.114	mg/L		0.0200	7440-39-3	05/02/24 17:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 17:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 17:30	swaldron
Calcium, Dissolved	159	mg/L		5.00	7440-70-2	05/02/24 17:30	swaldron
Iron, Dissolved	7.90	mg/L		0.0100	7439-89-6	05/02/24 17:30	swaldron
Magnesium, Dissolved	30.7	mg/L		0.0500	7439-95-4	05/02/24 17:30	swaldron
Manganese, Dissolved	0.889	mg/L		0.0100	7439-96-5	05/02/24 17:30	swaldron
Potassium, Dissolved	12.6	mg/L		1.00	7440-09-7	05/02/24 17:30	swaldron
Silver, Dissolved	0.0076	mg/L		0.0050	7440-22-4	05/02/24 17:30	swaldron
Sodium, Dissolved	163	mg/L		10.00	7440-23-5	05/02/24 17:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 17:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	0.0269	mg/L		0.0010	7440-38-2	05/09/24 14:15	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/09/24 14:15	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/09/24 14:15	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/09/24 14:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/09/24 14:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	1.96	mg/L		0.100	7664-41-7	05/03/24 13:00	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	15.8	mg/L O2		10.0		05/01/24 08:45	eross

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	380	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	380	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006990-004

Sample ID: MW-1U

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Chloride	70.0	mg/L		10.0	16887-00-6	04/30/24 13:45	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Sulfate	39.0	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Residue, Filterable (Dissolved Solids)	498	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Total Solids at 105°C	531	mg/L		0.50		05/06/24 18:00	mkuehn



Our Lab # 24006990-005

Your Sample ID: DUP-2

Sample Composition: Grab

Your Project #

Collection Date: 04/30/24

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Groundwater

Receipt Date: 04/30/24 11:35

Dissolved Metals, ICP-AES

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
SW846 6010C	SW846 3010A	5/2/2024	swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	0.156	mg/L		0.0200	7440-39-3	05/02/24 17:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 17:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 17:30	swaldron
Calcium, Dissolved	113	mg/L		5.00	7440-70-2	05/02/24 17:30	swaldron
Iron, Dissolved	1.17	mg/L		0.0100	7439-89-6	05/02/24 17:30	swaldron
Magnesium, Dissolved	35.8	mg/L		0.0500	7439-95-4	05/02/24 17:30	swaldron
Manganese, Dissolved	0.120	mg/L		0.0100	7439-96-5	05/02/24 17:30	swaldron
Potassium, Dissolved	2.63	mg/L		1.00	7440-09-7	05/02/24 17:30	swaldron
Silver, Dissolved	< 0.0050	mg/L		0.0050	7440-22-4	05/02/24 17:30	swaldron
Sodium, Dissolved	34.5	mg/L		1.00	7440-23-5	05/02/24 17:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 17:30	swaldron

Arsenic, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	< 0.0010	mg/L		0.0010	7440-38-2	05/09/24 14:15	ppierle

Copper, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/09/24 14:15	ppierle

Lead, Dissolved, ICP-MS

<u>Analytical Method</u>	<u>Prep Method</u>	<u>Prep Date</u>	<u>By</u>
EPA 200.8	EPA 200.8	5/1/2024	ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/09/24 14:15	ppierle



Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/09/24 14:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/09/24 14:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	1.98	mg/L		0.100	7664-41-7	05/03/24 13:00	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	< 10.0	mg/L O2		10.0		05/01/24 08:45	eross

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	350	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	350	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006990-005

Sample ID: DUP-2

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Chloride	72.5	mg/L		10.0	16887-00-6	04/30/24 13:45	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Sulfate	40.8	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

Analytical Method Prep Method Prep Date By  
SM 2540 C

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Residue, Filterable (Dissolved Solids)	481	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>Qual</b>	<b>Quant. Limit</b>	<b>CAS #</b>	<b>Analysis Date</b>	<b>By</b>
Total Solids at 105°C	543	mg/L		0.50		05/06/24 18:00	mkuehn



Our Lab # 24006990-006

Your Sample ID: Trip Blank

Sample Composition: Grab

Your Project #

Collection Date: 04/30/24

Your Project Name: Belmont Ash Monofill

Collected By: Client

Sample Type: Water

Receipt Date: 04/30/24 11:35

Dissolved Metals, ICP-AES

Analytical Method SW846 6010C Prep Method SW846 3010A Prep Date 5/2/2024 By swaldron

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Barium, Dissolved	< 0.0200	mg/L		0.0200	7440-39-3	05/02/24 17:30	swaldron
Cadmium, Dissolved	< 0.0050	mg/L		0.0050	7440-43-9	05/02/24 17:30	swaldron
Chromium, Dissolved	< 0.0100	mg/L		0.0100	7440-47-3	05/02/24 17:30	swaldron
Calcium, Dissolved	< 0.500	mg/L		0.500	7440-70-2	05/02/24 17:30	swaldron
Iron, Dissolved	< 0.0100	mg/L		0.0100	7439-89-6	05/02/24 17:30	swaldron
Magnesium, Dissolved	< 0.0500	mg/L		0.0500	7439-95-4	05/02/24 17:30	swaldron
Manganese, Dissolved	< 0.0100	mg/L		0.0100	7439-96-5	05/02/24 17:30	swaldron
Potassium, Dissolved	< 1.00	mg/L		1.00	7440-09-7	05/02/24 17:30	swaldron
Silver, Dissolved	< 0.0050	mg/L		0.0050	7440-22-4	05/02/24 17:30	swaldron
Sodium, Dissolved	< 1.00	mg/L		1.00	7440-23-5	05/02/24 17:30	swaldron
Zinc, Dissolved	< 0.0100	mg/L		0.0100	7440-66-6	05/02/24 17:30	swaldron

Arsenic, Dissolved, ICP-MS

Analytical Method EPA 200.8 Prep Method EPA 200.8 Prep Date 5/1/2024 By ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Arsenic, As	< 0.0010	mg/L		0.0010	7440-38-2	05/09/24 14:15	ppierle

Copper, Dissolved, ICP-MS

Analytical Method EPA 200.8 Prep Method EPA 200.8 Prep Date 5/1/2024 By ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Copper, Cu	< 0.00020	mg/L		0.00020	7440-50-8	05/09/24 14:15	ppierle

Lead, Dissolved, ICP-MS

Analytical Method EPA 200.8 Prep Method EPA 200.8 Prep Date 5/1/2024 By ppierle

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Lead, Pb	< 0.00010	mg/L		0.00010	7439-92-1	05/09/24 14:15	ppierle





Selenium, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Selenium, Se	< 0.0010	mg/L		0.0010	7782-49-2	05/09/24 14:15	ppierle

Mercury, Dissolved, ICP-MS

Analytical Method EPA 200.8    Prep Method EPA 200.8    Prep Date 5/1/2024    By ppierle

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Mercury, Hg	< 0.20	ug/L		0.20	7439-97-6	05/09/24 14:15	ppierle

Ammonia

Analytical Method SM4500-NH3 D    Prep Method SM4500-NH3 B    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Ammonia	< 0.100	mg/L		0.100	7664-41-7	05/03/24 13:00	nmack

Chemical Oxygen Demand

Analytical Method EPA 410.4    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Chemical Oxygen Demand	< 10.0	mg/L O2		10.0		05/01/24 08:45	eross

Alkalinity

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Alkalinity	< 10.0	mg/L CaCO3		10.0		05/01/24 12:00	jto

Bicarbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Bicarbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Carbonate

Analytical Method SM 2320B    Prep Method    Prep Date    By

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Qual</u>	<u>Quant. Limit</u>	<u>CAS #</u>	<u>Analysis Date</u>	<u>By</u>
Carbonate	< 10.0	mg/L		10.0		05/01/24 12:00	jto

Lab # 24006990-006

Sample ID: Trip Blank

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Chloride

Analytical Method Prep Method Prep Date By  
SW846 9252A

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Chloride	< 10.0	mg/L		10.0	16887-00-6	04/30/24 13:45	eross

Sulfate

Analytical Method Prep Method Prep Date By  
SW846 9038

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Sulfate	42.4	mg/L SO4		5.0	14808-79-8	05/03/24 13:00	jtrietsch

Total Dissolved Solids at 180°C

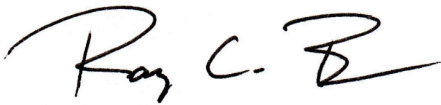
Analytical Method Prep Method Prep Date By  
SM 2540 C

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Residue, Filterable (Dissolved Solids)	1.0	mg/L		1.0		05/06/24 12:40	mkuehn

Total Solids at 105°C

Analytical Method Prep Method Prep Date By  
SM 2540 B

Parameter	Result	Units	Qual	Quant. Limit	CAS #	Analysis Date	By
Total Solids at 105°C	< 0.50	mg/L		0.50		05/06/24 18:00	mkuehn



5/9/2024

Lab Manager

Date

Lab # 24006990-006

Sample ID: Trip Blank

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Client Name:		ESG Lab #		Matrix Codes: W - Water WW - Wastewater DV - Drinking Water S - Solid SL - Sludge O - Oil PR - Product OT - Other		Preserv. Codes	
Kentel Services Corp		2400699D		Y N N N		N = HNO <sub>3</sub> S = H <sub>2</sub> SO <sub>4</sub> H = HCl U = Unpreserved OH = NaOH SO = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	
Project Name:		Project #		Sample Matrix		Total Number of Containers	Comments
Pulmonat Ash Monofill (BAM)		ESG		W 3 W 3 W 3 W 3 W 3 W 3			
Sample(s) Signature:		Signature		Collection Start		Collection End	
				COMP	GRAB	DATE	TIME
SAMPLE ID		DATE		TIME		TIME	
1	MN 4AR	4/30/24	8:50				
2	MN 3AM		9:30				
3	MN 3A		9:50				
4	MN 1A		10:15				
5	Out-2						
6	TRIP						
7							
8							
9							
10							
11							
12							
13							
14							
15							

TRANSFER OF CUSTODY		SAMPLE CONDITION UPON RECEIPT		SAMPLE COMMENTS
Relinquished By:	Received By:	Sample Temp:	°C	
		5.0	5.0	Please note if sample(s) suspected to be hazardous, corrosive, or requires special handling for any reason.  LW III QC
		Received on Ice:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		Samples Intact:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		Adequate Volume:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		Appropriate Containers:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		Appropriate Preservation:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		Within Hold Time:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		Head Space Absent:	Y / N / <input checked="" type="checkbox"/> NA	
		Custody Seals Intact:	Y / N / <input checked="" type="checkbox"/> NA	
		TURN-AROUND TIME		REPORT/RESULTS DELIVERY
			4.00	7.00
				10.00
				pH METER CALIBRATION
				E-MAIL
				Requested Due Date:
				Normal
				Rush

## Attachment 2

### Mann Kendall Analyses and Potentiometric Contours

## Mann-Kendall Trend Test Report

<b>Company:</b>	BAM	<b>Data Group:</b>	None
<b>Site:</b>	BAM	<b>Date Range:</b>	All
<b>Program:</b>	Through April 2024	<b>Non-detects:</b>	1/2 detection limit
<b>Permit:</b>		<b>Duplicates:</b>	Mean
<b>Minimum Size:</b>	3	<b>Confidence Level:</b>	0.95
<b>Reported by:</b>	Brian Hart	<b>Range of Censoring:</b>	0% - 100%
<b>Report Options:</b>	by sampling point	<b>Report printed:</b>	7/ 2/2024 3:31:43PM
			<b>Monitor 5</b>

<u>Parameter</u>	<u>Unit</u>	<u>Size</u>	<u>%NDs</u>	<u>S Value</u>	<u>Tabular Value</u>	<u>Statistically Significant Trend</u>	<u>Direction</u>
<b><u>Unclassified</u></b>							
<b>1U</b>							
<u>Inorganic Parameters</u>							
Chloride	mg/L	76	0.0%	-4.08125	2.2397e-005	Yes	Downward
Sulfate	mg/L	64	3.1%	-6.40775	7.38433e-011	Yes	Downward
<u>Unclassified</u>							
Ammonia-N	mg/L	59	0.0%	1.27522	0.898884	No	-
Arsenic (dissolved)	µg/L	75	1.3%	-0.489651	0.312191	No	-
Barium (dissolved)	mg/L	76	0.0%	-3.98707	3.34474e-005	Yes	Downward
Iron (dissolved)	mg/L	74	0.0%	4.41473	0.999995	No	-
Manganese (dissolved)	mg/L	75	0.0%	-0.323993	0.372972	No	-
Sodium (dissolved)	mg/L	74	0.0%	-4.38207	5.87798e-006	Yes	Downward
<b>2U</b>							
<u>Inorganic Parameters</u>							
Chloride	mg/L	70	0.0%	-3.27501	0.000528285	Yes	Downward
Sulfate	mg/L	56	1.8%	-3.30761	0.000470485	Yes	Downward
<u>Unclassified</u>							
Ammonia-N	mg/L	56	5.4%	-4.53029	2.94514e-006	Yes	Downward
Arsenic (dissolved)	µg/L	70	40.0%	-4.92773	4.15955e-007	Yes	Downward
Barium (dissolved)	mg/L	70	0.0%	-5.63241	8.8852e-009	Yes	Downward

Iron (dissolved)	mg/L	70	21.4%	-5.20149	9.88477e-008	Yes	Downward
Manganese (dissolved)	mg/L	70	8.6%	-1.84536	0.0324923	Yes	Downward
Sodium (dissolved)	mg/L	69	0.0%	-3.95717	3.79217e-005	Yes	Downward

### 3M

#### Inorganic Parameters

Chloride	mg/L	70	0.0%	6.26105	1	No	-
Sulfate	mg/L	56	0.0%	-7.94391	9.79535e-016	Yes	Downward

#### Unclassified

Ammonia-N	mg/L	56	0.0%	-3.17332	0.000753523	Yes	Downward
Arsenic (dissolved)	µg/L	70	78.6%	-2.79339	0.00260791	Yes	Downward
Barium (dissolved)	mg/L	69	5.8%	4.75482	0.999999	No	-
Iron (dissolved)	mg/L	69	0.0%	-4.56835	2.45785e-006	Yes	Downward
Manganese (dissolved)	mg/L	70	0.0%	-4.74522	1.0414e-006	Yes	Downward
Sodium (dissolved)	mg/L	69	0.0%	6.51068	1	No	-

### 3U

#### Inorganic Parameters

Chloride	mg/L	70	0.0%	-3.6958	0.000109599	Yes	Downward
Sulfate	mg/L	56	0.0%	-5.56922	1.27943e-008	Yes	Downward

#### Unclassified

Ammonia-N	mg/L	56	1.8%	-5.74591	4.57151e-009	Yes	Downward
Arsenic (dissolved)	µg/L	69	20.3%	0.11395	0.545361	No	-
Barium (dissolved)	mg/L	70	0.0%	-2.86437	0.0020892	Yes	Downward
Iron (dissolved)	mg/L	70	8.6%	0.95817	0.831011	No	-
Manganese (dissolved)	mg/L	69	0.0%	-4.57871	2.33923e-006	Yes	Downward
Sodium (dissolved)	mg/L	69	0.0%	-5.28831	6.17258e-008	Yes	Downward

### 4UR

#### Inorganic Parameters

Chloride	mg/L	63	0.0%	-2.6334	0.00422669	Yes	Downward
Sulfate	mg/L	56	0.0%	-3.35001	0.000404041	Yes	Downward

#### Unclassified

Ammonia-N	mg/L	56	0.0%	-7.03926	9.66284e-013	Yes	Downward
Arsenic (dissolved)	µg/L	63	1.6%	-0.243175	0.403935	No	-
Barium (dissolved)	mg/L	63	0.0%	-5.75316	4.37961e-009	Yes	Downward

Iron (dissolved)	mg/L	62	0.0%	0.352299	0.637693	No	-
Manganese (dissolved)	mg/L	63	0.0%	3.61796	0.999852	No	-
Sodium (dissolved)	mg/L	61	0.0%	-1.12013	0.131329	No	-

## 5LR

### Inorganic Parameters

Chloride	mg/L	62	0.0%	3.96033	0.999963	No	-
Sulfate	mg/L	56	8.9%	4.8766	0.999999	No	-

### Unclassified

Ammonia-N	mg/L	56	0.0%	-3.244	0.000589322	Yes	Downward
Arsenic (dissolved)	µg/L	62	75.8%	-2.92165	0.00174091	Yes	Downward
Barium (dissolved)	mg/L	62	0.0%	-7.45294	4.564e-014	Yes	Downward
Iron (dissolved)	mg/L	61	0.0%	0.734309	0.76862	No	-
Manganese (dissolved)	mg/L	62	0.0%	5.36345	1	No	-
Sodium (dissolved)	mg/L	61	0.0%	4.18183	0.999986	No	-

## 5MR

### Inorganic Parameters

Chloride	mg/L	62	8.1%	-4.48877	3.58171e-006	Yes	Downward
Sulfate	mg/L	56	16.1%	2.9825	0.99857	No	-

### Unclassified

Ammonia-N	mg/L	56	0.0%	-5.90846	1.72661e-009	Yes	Downward
Arsenic (dissolved)	µg/L	62	79.0%	-2.73335	0.00313465	Yes	Downward
Barium (dissolved)	mg/L	62	0.0%	1.40312	0.91971	No	-
Iron (dissolved)	mg/L	59	3.4%	6.45457	1	No	-
Manganese (dissolved)	mg/L	62	3.2%	5.80078	1	No	-
Sodium (dissolved)	mg/L	61	1.6%	6.66478	1	No	-

## 5UR2

### Inorganic Parameters

Chloride	mg/L	62	0.0%	-5.81901	2.95993e-009	Yes	Downward
Sulfate	mg/L	56	7.1%	-2.49484	0.0063007	Yes	Downward

### Unclassified

Ammonia-N	mg/L	56	0.0%	-7.53399	2.4606e-014	Yes	Downward
Arsenic (dissolved)	µg/L	62	6.5%	-2.62402	0.00434494	Yes	Downward
Barium (dissolved)	mg/L	62	1.6%	-6.07412	6.23351e-010	Yes	Downward
Iron (dissolved)	mg/L	61	0.0%	0.236472	0.593467	No	-
Manganese (dissolved)	mg/L	62	0.0%	5.18122	1	No	-
Sodium (dissolved)	mg/L	61	0.0%	-5.52598	1.63822e-008	Yes	Downward

## 6L

Inorganic Parameters

Chloride	mg/L	70	0.0%	4.05574	0.999975	No	-
Sulfate	mg/L	56	0.0%	-0.176688	0.429877	No	-

Unclassified

Ammonia-N	mg/L	56	0.0%	-8.26195	7.16569e-017	Yes	Downward
Arsenic (dissolved)	µg/L	70	80.0%	-2.77311	0.00277613	Yes	Downward
Barium (dissolved)	mg/L	70	0.0%	-9.39919	2.74932e-021	Yes	Downward
Iron (dissolved)	mg/L	68	0.0%	-5.15053	1.29877e-007	Yes	Downward
Manganese (dissolved)	mg/L	70	0.0%	2.05322	0.979974	No	-
Sodium (dissolved)	mg/L	69	0.0%	5.99791	1	No	-

**6M**Inorganic Parameters

Chloride	mg/L	70	0.0%	1.44993	0.926461	No	-
Sulfate	mg/L	56	0.0%	-5.84485	2.5351e-009	Yes	Downward

Unclassified

Ammonia-N	mg/L	56	0.0%	-6.80604	5.01623e-012	Yes	Downward
Arsenic (dissolved)	µg/L	70	77.1%	-1.9569	0.0251798	Yes	Downward
Barium (dissolved)	mg/L	70	0.0%	-6.20529	2.72984e-010	Yes	Downward
Iron (dissolved)	mg/L	69	0.0%	-2.46028	0.00694141	Yes	Downward
Manganese (dissolved)	mg/L	70	0.0%	4.29402	0.999991	No	-
Sodium (dissolved)	mg/L	69	0.0%	3.07665	0.998953	No	-

**6U**Inorganic Parameters

Chloride	mg/L	70	1.4%	-5.45498	2.44898e-008	Yes	Downward
Sulfate	mg/L	56	30.4%	-1.30749	0.0955225	No	-

Unclassified

Ammonia-N	mg/L	56	0.0%	-5.55508	1.3874e-008	Yes	Downward
Arsenic (dissolved)	µg/L	70	52.9%	-6.24078	2.17703e-010	Yes	Downward
Barium (dissolved)	mg/L	70	0.0%	-5.11024	1.60877e-007	Yes	Downward
Iron (dissolved)	mg/L	69	0.0%	-3.23203	0.000614565	Yes	Downward
Manganese (dissolved)	mg/L	70	0.0%	-1.99745	0.0228879	Yes	Downward
Sodium (dissolved)	mg/L	70	0.0%	-6.17994	3.2063e-010	Yes	Downward

**7L**Inorganic Parameters



Chloride	mg/L	70	0.0%	-5.69325	6.23216e-009	Yes	Downward
Sulfate	mg/L	56	0.0%	-6.88378	2.91426e-012	Yes	Downward
<u>Unclassified</u>							
Ammonia-N	mg/L	56	0.0%	-3.57617	0.000174331	Yes	Downward
Arsenic (dissolved)	µg/L	70	55.7%	2.73763	0.996906	No	-
Barium (dissolved)	mg/L	70	0.0%	-7.48285	3.63646e-014	Yes	Downward
Iron (dissolved)	mg/L	68	0.0%	-4.91762	4.38023e-007	Yes	Downward
Manganese (dissolved)	mg/L	69	0.0%	-3.05075	0.00114136	Yes	Downward
Sodium (dissolved)	mg/L	69	0.0%	-3.3667	0.000380366	Yes	Downward

## 7M

### Inorganic Parameters

Chloride	mg/L	73	0.0%	-5.49097	1.99861e-008	Yes	Downward
Sulfate	mg/L	61	0.0%	-7.8347	2.34981e-015	Yes	Downward
<u>Unclassified</u>							
Ammonia-N	mg/L	56	0.0%	-6.30424	1.44805e-010	Yes	Downward
Arsenic (dissolved)	µg/L	73	75.3%	-3.12409	0.000891771	Yes	Downward
Barium (dissolved)	mg/L	73	0.0%	-8.6865	1.86885e-018	Yes	Downward
Iron (dissolved)	mg/L	71	5.6%	-6.4726	4.81654e-011	Yes	Downward
Manganese (dissolved)	mg/L	73	2.7%	-3.21934	0.000642431	Yes	Downward
Sodium (dissolved)	mg/L	72	0.0%	-4.79805	8.01085e-007	Yes	Downward

## 7U

### Inorganic Parameters

Chloride	mg/L	71	0.0%	-0.560892	0.287435	No	-
Sulfate	mg/L	60	0.0%	-6.1675	3.46894e-010	Yes	Downward
<u>Unclassified</u>							
Ammonia-N	mg/L	55	7.3%	-1.19782	0.115493	No	-
Arsenic (dissolved)	µg/L	71	45.1%	-7.16751	3.81868e-013	Yes	Downward
Barium (dissolved)	mg/L	71	0.0%	-6.91933	2.26895e-012	Yes	Downward
Iron (dissolved)	mg/L	69	7.2%	-6.38119	8.78568e-011	Yes	Downward
Manganese (dissolved)	mg/L	71	7.0%	-3.68303	0.00011524	Yes	Downward

Sodium (dissolved)	mg/L	70	0.0%	-1.71862	0.0428417	Yes	Downward
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**End of report**

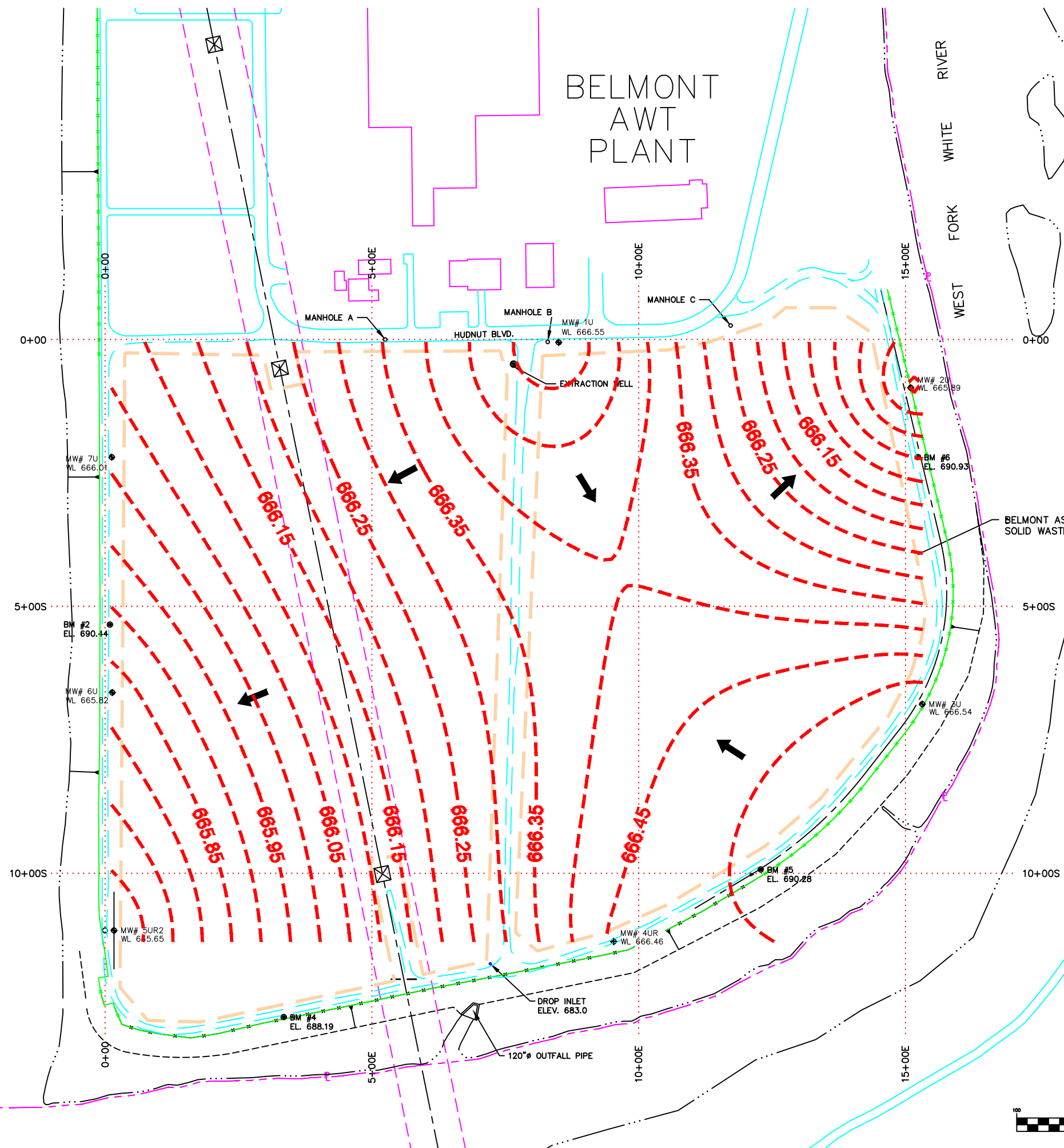
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Monitor 5 [\*Dove Technologies, Inc\*](#)

04/29/2024 H2O UPPER AQUIFER.dwg

# BELMONT AWT PLANT

WEST FORK WHITE RIVER



### NOTES:

- NO UPGRAIDENT OR DOWNGRAIDENT WELL DESIGNATION IS ASSIGNED TO THE BAM GROUNDWATER MONITORING SYSTEM DUE TO ALTERNATING FLOW DIRECTIONS WHICH ARE INFLUENCED BY THE WHITE RIVER AND EAGLE CREEK LEVELS.
- EXTRACTION WELL EFFECTS NOT DEPICTED.

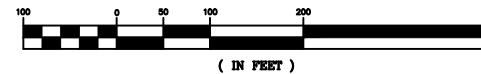
DATE	TIME	WELL	TOC Elev	TAPEDOWN	Water Elev
4/29/2024	8:30	MW7M	692.89	27.38	665.51
4/29/2024	9:15	MW7L	693.21	27.94	665.27
4/29/2024	10:05	MW7U	694.35	28.34	666.01
4/29/2024	10:15	MW6U	692.77	26.95	665.82
4/29/2024	10:40	MW6M	692.28	26.48	665.80
4/29/2024	11:20	MW6L	691.70	26.36	665.34
4/29/2024	12:15	MW5UR2	693.27	27.62	665.65
4/29/2024	12:35	MW5MR	690.63	24.77	665.86
4/29/2024	13:10	MW5LR	690.71	25.24	665.47
4/30/2024	8:30	MW4UR	692.79	26.33	666.46
4/30/2024	9:00	MW3M	692.60	26.28	666.32
4/30/2024	9:30	MW3U	692.72	26.18	666.54
4/29/2024	14:10	MW2U	682.24	16.35	665.89
4/30/2024	10:00	MW1U	692.05	25.5	666.55

### LEGEND

- MONITORING WELL
- WATER SURFACE BOUNDARY
- ACCESS ROAD
- GROUNDWATER CONTOUR
- PERIMETER FENCE
- SOLID WASTE BOUNDARY
- ELECTRICAL TRANSMISSION TOWER
- SITE GRID LINES
- FLOW DIRECTION
- PROPERTY LINE



GRAPHIC SCALE



### REVISIONS

NO.	DATE	DESCRIPTION	BY

## BELMONT ASH MONOFILL

## GROUNDWATER MAP

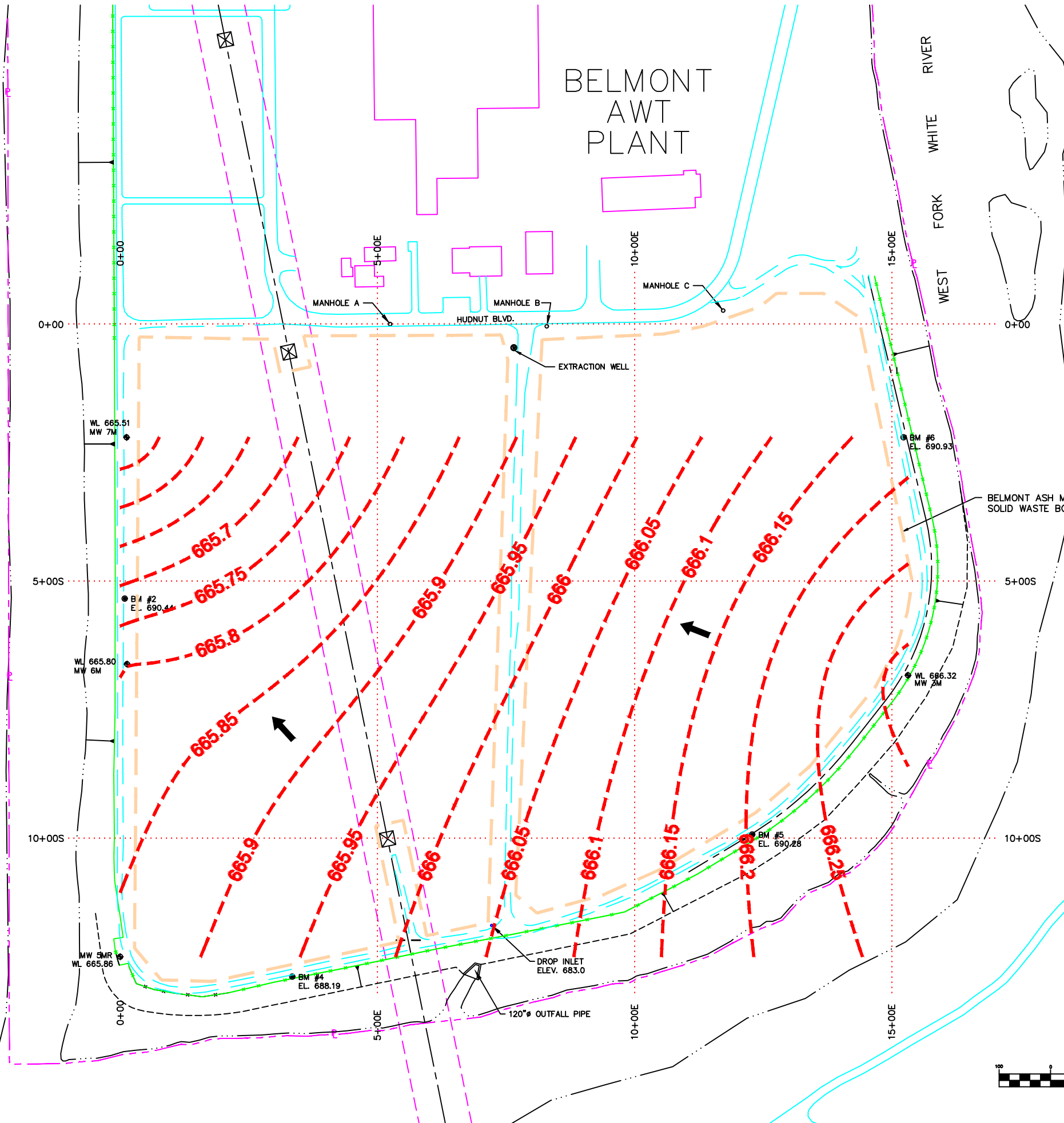
UPPER AQUIFER - 04/29/2024 & 04/30/2024

DRAWN BY	DBB
CHECKED BY	DSJ
DATE	06/2024
SCALE	AS SHOWN



REGIONAL SERVICES CORP  
 6147 East S.R. 44  
 Franklin, Indiana 46131  
 (317) 736-5523

04/29/2024 - H2O MIDDLE AQUIFER.dwg



**NOTES:**

- NO UPGRADIENT OR DOWNGRADIENT WELL DESIGNATION IS ASSIGNED TO THE BAM GROUNDWATER MONITORING SYSTEM DUE TO ALTERNATING FLOW DIRECTIONS WHICH ARE INFLUENCED BY THE WHITE RIVER AND EAGLE CREEK LEVELS.
- EXTRACTION WELL EFFECTS NOT DEPICTED.

DATE	TIME	WELL	TOC Elev	TAPEDOWN	Water Elev
4/29/2024	8:30	MW7M	692.89	27.38	665.51
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4/29/2024	10:05	MW7U	694.35	28.34	666.01
4/29/2024	10:15	MW6U	692.77	26.95	665.82
4/29/2024	10:40	MW6M	692.28	26.48	665.80
4/29/2024	11:20	MW6L	691.70	26.36	665.34
4/29/2024	12:15	MW5UR2	693.27	27.62	665.65
4/29/2024	12:35	MW5MR	690.63	24.77	665.86
4/29/2024	13:10	MW5LR	690.71	25.24	665.47
4/30/2024	8:30	MW4UR	692.79	26.33	666.46
4/30/2024	9:00	MW3M	692.60	26.28	666.32
4/30/2024	9:30	MW3U	692.72	26.18	666.54
4/29/2024	14:10	MW2U	682.24	16.35	665.89
4/30/2024	10:00	MW1U	692.05	25.5	666.55

- LEGEND**
- MONITORING WELL
  - WATER SURFACE BOUNDARY
  - ACCESS ROAD
  - GROUNDWATER CONTOUR
  - PERIMETER FENCE
  - SOLID WASTE BOUNDARY
  - ELECTRICAL TRANSMISSION TOWER
  - SITE GRID LINES
  - FLOW DIRECTION
  - PROPERTY LINE



GRAPHIC SCALE



**REVISIONS**

NO.	DATE	DESCRIPTION	BY

**BELMONT ASH MONOFILL**  
CEG

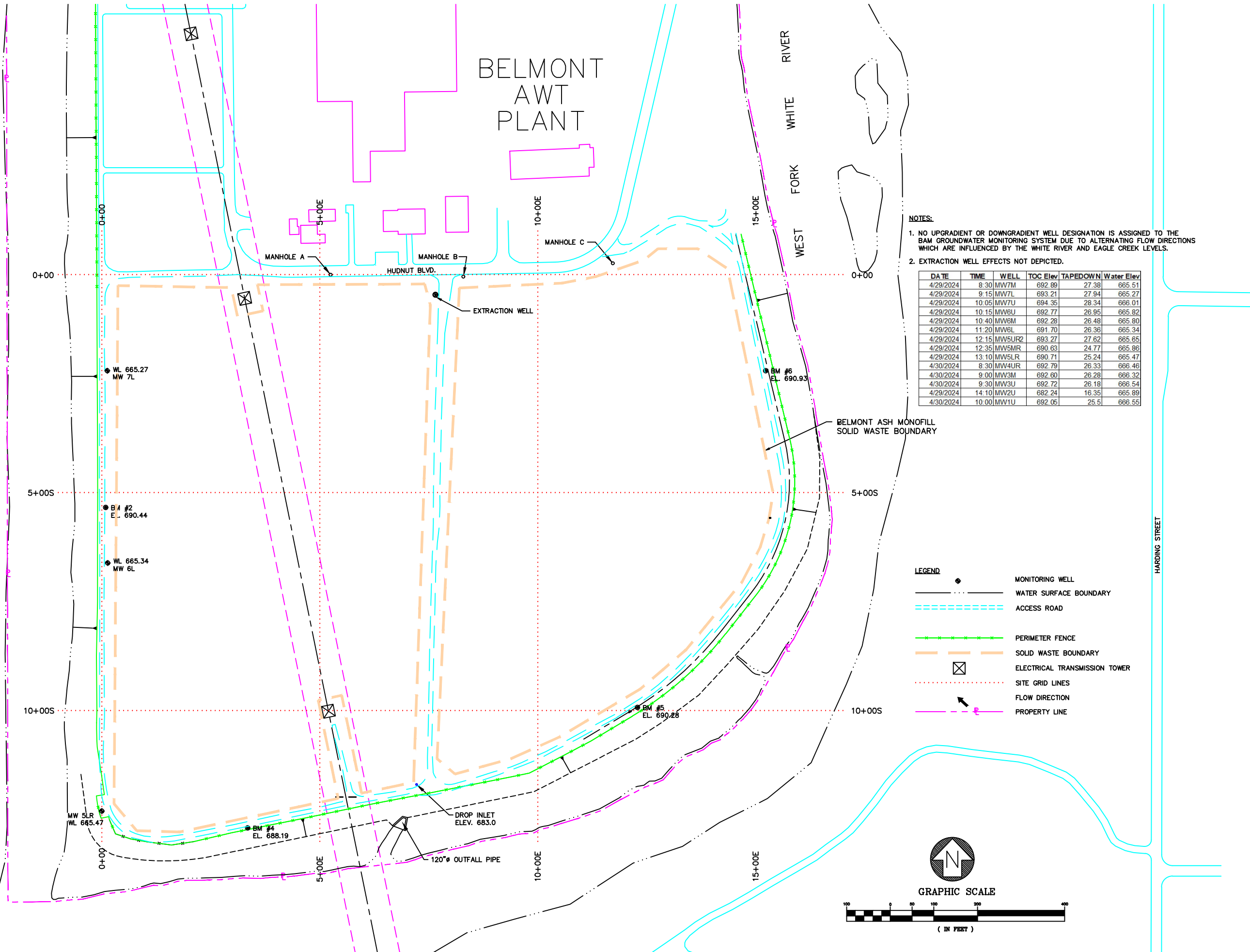
**GROUNDWATER MAP**  
MIDDLE AQUIFER - 04/29/2024 & 04/30/2024

DRAWN BY: DBB  
 CHECKED BY: DSJ  
 DATE: 06/2024  
 SCALE: AS SHOWN



**RSJ** REGIONAL SERVICES CORP  
 6147 East S.R. 44  
 Franklin, Indiana 46131  
 (317) 736-5523

04/29/2024 H2O LOWER AQUIFER.dwg



**NOTES:**

- NO UPGRADIENT OR DOWNGRADIENT WELL DESIGNATION IS ASSIGNED TO THE BAM GROUNDWATER MONITORING SYSTEM DUE TO ALTERNATING FLOW DIRECTIONS WHICH ARE INFLUENCED BY THE WHITE RIVER AND EAGLE CREEK LEVELS.
- EXTRACTION WELL EFFECTS NOT DEPICTED.

DATE	TIME	WELL	TOC Elev	TAPEDOWN	Water Elev
4/29/2024	8:30	MW7M	692.89	27.38	665.51
4/29/2024	9:15	MW7L	693.21	27.94	665.27
4/29/2024	10:05	MW7U	694.35	28.34	666.01
4/29/2024	10:15	MW6U	692.77	28.95	665.82
4/29/2024	10:40	MW6M	692.28	26.48	665.80
4/29/2024	11:20	MW6L	691.70	26.36	665.34
4/29/2024	12:15	MW5UP2	693.27	27.62	665.65
4/29/2024	12:35	MW5MR	690.63	24.77	665.86
4/29/2024	13:10	MW5LR	690.71	25.24	665.47
4/30/2024	8:30	MW4UR	692.79	26.33	666.46
4/30/2024	9:00	MW3M	692.60	26.28	666.32
4/30/2024	9:30	MW3U	692.72	26.18	666.54
4/29/2024	14:10	MW2U	682.24	16.35	665.89
4/30/2024	10:00	MW1U	692.05	25.5	666.55

- LEGEND**
- MONITORING WELL
  - WATER SURFACE BOUNDARY
  - ACCESS ROAD
  - PERIMETER FENCE
  - SOLID WASTE BOUNDARY
  - ELECTRICAL TRANSMISSION TOWER
  - SITE GRID LINES
  - FLOW DIRECTION
  - PROPERTY LINE



GRAPHIC SCALE



REVISIONS

NO.	DATE	DESCRIPTION	BY

BELMONT ASH MONOFILL  
CEG  
GROUNDWATER MAP  
LOWER AQUIFER - 04/29 & 04/30/2024

DRAWN BY DBB  
CHECKED BY DSJ  
DATE 06/2024  
SCALE AS SHOWN



REGIONAL SERVICES CORP  
6147 East S.R. 44  
Franklin, Indiana 46131  
(317) 736-5523

RSC  
 Belmont Ash Monofill  
 Groundwater Monitoring Data Summary, April 2024

SampleDate	WellName	LabIDN	SampleType	SpeciesName	Concentration	Units	Detected	DetectionLimit	AnalyticalMethod
4/30/24	MW1U	24006990-004	Regular	Alkalinity	380	mg/L	Yes	10	SM 2320B
4/30/24	MW1U	24006990-004	Regular	Ammonia	1.96	mg/L	Yes	0.1	SM4500-NH3 D
4/30/24	MW1U	24006990-004	Regular	Arsenic, Dissolved	0.0269	mg/L	Yes	0.001	EPA 200.8
4/30/24	MW1U	24006990-004	Regular	Barium, Dissolved	0.114	mg/L	Yes	0.02	SW846 6010C
4/30/24	MW1U	24006990-004	Regular	Bicarbonate	380	mg/L	Yes	10	SM 2320B
4/30/24	MW1U	24006990-004	Regular	Cadmium, Dissolved	0.005	mg/L	No	0.005	SW846 6010C
4/30/24	MW1U	24006990-004	Regular	Calcium, Dissolved	159	mg/L	Yes	0.5	SW846 6010C
4/30/24	MW1U	24006990-004	Regular	Carbonate	10	mg/L	No	10	SM 2320B
4/30/24	MW1U	24006990-004	Regular	Chemical Oxygen Demand	15.8	mg/L	Yes	10	EPA 410.4
4/30/24	MW1U	24006990-004	Regular	Chloride	70	mg/L	Yes	10	SW846 9252A
4/30/24	MW1U	24006990-004	Regular	Chromium, Dissolved	0.01	mg/L	No	0.01	SW846 6010C
4/30/24	MW1U	24006990-004	Regular	Copper, Dissolved	0.0002	mg/L	No	0.0002	EPA 200.8
4/30/24	MW1U	24006990-004	Regular	Field DO	2.78	mg/L	Yes	0.01	
4/30/24	MW1U	24006990-004	Regular	Field Eh	60	mv	Yes	1	
4/30/24	MW1U	24006990-004	Regular	Field pH	6.8	su	Yes	0.1	
4/30/24	MW1U	24006990-004	Regular	Field SC	1259	umhos/cm	Yes	1	
4/30/24	MW1U	24006990-004	Regular	Field Temp	17.8	Degrees C	Yes	0.1	
4/30/24	MW1U	24006990-004	Regular	GW Silt Depth		ft, well depth	No		
4/30/24	MW1U	24006990-004	Regular	GW Water Depth	25.5	ft, depth to water	Yes	0.01	
4/30/24	MW1U	24006990-004	Regular	GW Water Level	666.55	ft/MSL, water elevation	Yes	0.01	
4/30/24	MW1U	24006990-004	Regular	Iron, Dissolved	7.9	mg/L	Yes	0.01	SW846 6010C
4/30/24	MW1U	24006990-004	Regular	Lead, Dissolved	0.0001	mg/L	No	0.0001	EPA 200.8
4/30/24	MW1U	24006990-004	Regular	Magnesium, Dissolved	30.7	mg/L	Yes	0.05	SW846 6010C
4/30/24	MW1U	24006990-004	Regular	Manganese, Dissolved	0.889	mg/L	Yes	0.01	SW846 6010C
4/30/24	MW1U	24006990-004	Regular	Mercury, Dissolved	0.2	ug/L	No	0.2	EPA 200.8
4/30/24	MW1U	24006990-004	Regular	Potassium, Dissolved	12.6	mg/L	Yes	1	SW846 6010C
4/30/24	MW1U	24006990-004	Regular	Residue, Filterable (Dissolved Solids)	498	mg/L	Yes	1	SM 2540 C
4/30/24	MW1U	24006990-004	Regular	Selenium, Dissolved	0.001	mg/L	No	0.001	EPA 200.8
4/30/24	MW1U	24006990-004	Regular	Silver, Dissolved	0.0076	mg/L	Yes	0.005	SW846 6010C
4/30/24	MW1U	24006990-004	Regular	Sodium, Dissolved	163	mg/L	Yes	5	SW846 6010C
4/30/24	MW1U	24006990-004	Regular	Sulfate	39	mg/L	Yes	5	SW846 9038
4/30/24	MW1U	24006990-004	Regular	Total Solids at 105°C	531	mg/L	Yes	0.5	SM 2540 B
4/30/24	MW1U	24006990-004	Regular	Zinc, Dissolved	0.01	mg/L	No	0.01	SW846 6010C
4/29/24	MW2U	24006946-010	Regular	Alkalinity	430	mg/L	Yes	10	SM 2320B
4/29/24	MW2U	24006946-010	Regular	Ammonia	4.81	mg/L	Yes	0.1	SM4500-NH3 D
4/29/24	MW2U	24006946-010	Regular	Arsenic, Dissolved	0.0015	mg/L	Yes	0.001	EPA 200.8
4/29/24	MW2U	24006946-010	Regular	Barium, Dissolved	0.184	mg/L	Yes	0.02	SW846 6010C
4/29/24	MW2U	24006946-010	Regular	Bicarbonate	430	mg/L	Yes	10	SM 2320B
4/29/24	MW2U	24006946-010	Regular	Cadmium, Dissolved	0.005	mg/L	No	0.005	SW846 6010C
4/29/24	MW2U	24006946-010	Regular	Calcium, Dissolved	129	mg/L	Yes	0.5	SW846 6010C
4/29/24	MW2U	24006946-010	Regular	Carbonate	10	mg/L	No	10	SM 2320B
4/29/24	MW2U	24006946-010	Regular	Chemical Oxygen Demand	10	mg/L	No	10	EPA 410.4
4/29/24	MW2U	24006946-010	Regular	Chloride	84	mg/L	Yes	10	SW846 9252A
4/29/24	MW2U	24006946-010	Regular	Chromium, Dissolved	0.01	mg/L	No	0.01	SW846 6010C
4/29/24	MW2U	24006946-010	Regular	Copper, Dissolved	0.00065	mg/L	Yes	0.0002	EPA 200.8
4/29/24	MW2U	24006946-010	Regular	Field DO	2.97	mg/L	Yes	0.01	
4/29/24	MW2U	24006946-010	Regular	Field Eh	48	mv	Yes	1	
4/29/24	MW2U	24006946-010	Regular	Field pH	6.9	su	Yes	0.1	



4/29/24	MW2U	24006946-010	Regular	Field SC	910 umhos/cm	Yes	1	
4/29/24	MW2U	24006946-010	Regular	Field Temp	14 Degrees C	Yes	0.1	
4/29/24	MW2U	24006946-010	Regular	GW Silt Depth	ft, well depth	No		
4/29/24	MW2U	24006946-010	Regular	GW Water Depth	16.35 ft, depth to water	Yes	0.01	
4/29/24	MW2U	24006946-010	Regular	GW Water Level	665.89 ft/MSL, water elevation	Yes	0.01	
4/29/24	MW2U	24006946-010	Regular	Iron, Dissolved	0.652 mg/L	Yes	0.01	SW846 6010C
4/29/24	MW2U	24006946-010	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001	EPA 200.8
4/29/24	MW2U	24006946-010	Regular	Magnesium, Dissolved	31.6 mg/L	Yes	0.05	SW846 6010C
4/29/24	MW2U	24006946-010	Regular	Manganese, Dissolved	0.173 mg/L	Yes	0.01	SW846 6010C
4/29/24	MW2U	24006946-010	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2	EPA 200.8
4/29/24	MW2U	24006946-010	Regular	Potassium, Dissolved	6.58 mg/L	Yes	1	SW846 6010C
4/29/24	MW2U	24006946-010	Regular	Residue, Filterable (Dissolved Solids)	540 mg/L	Yes	1	SM 2540 C
4/29/24	MW2U	24006946-010	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001	EPA 200.8
4/29/24	MW2U	24006946-010	Regular	Silver, Dissolved	0.005 mg/L	No	0.005	SW846 6010C
4/29/24	MW2U	24006946-010	Regular	Sodium, Dissolved	54.3 mg/L	Yes	5	SW846 6010C
4/29/24	MW2U	24006946-010	Regular	Sulfate	13.1 mg/L	Yes	5	SW846 9038
4/29/24	MW2U	24006946-010	Regular	Total Solids at 105°C	603 mg/L	Yes	0.5	SM 2540 B
4/29/24	MW2U	24006946-010	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01	SW846 6010C
4/30/24	MW3M	24006990-005	Duplicate	Alkalinity	350 mg/L	Yes	10	SM 2320B
4/30/24	MW3M	24006990-005	Duplicate	Ammonia	1.98 mg/L	Yes	0.1	SM4500-NH3 D
4/30/24	MW3M	24006990-005	Duplicate	Arsenic, Dissolved	0.001 mg/L	No	0.001	EPA 200.8
4/30/24	MW3M	24006990-005	Duplicate	Barium, Dissolved	0.156 mg/L	Yes	0.02	SW846 6010C
4/30/24	MW3M	24006990-005	Duplicate	Bicarbonate	350 mg/L	Yes	10	SM 2320B
4/30/24	MW3M	24006990-005	Duplicate	Cadmium, Dissolved	0.005 mg/L	No	0.005	SW846 6010C
4/30/24	MW3M	24006990-005	Duplicate	Calcium, Dissolved	113 mg/L	Yes	0.5	SW846 6010C
4/30/24	MW3M	24006990-005	Duplicate	Carbonate	10 mg/L	No	10	SM 2320B
4/30/24	MW3M	24006990-005	Duplicate	Chemical Oxygen Demand	10 mg/L	No	10	EPA 410.4
4/30/24	MW3M	24006990-005	Duplicate	Chloride	72.5 mg/L	Yes	10	SW846 9252A
4/30/24	MW3M	24006990-005	Duplicate	Chromium, Dissolved	0.01 mg/L	No	0.01	SW846 6010C
4/30/24	MW3M	24006990-005	Duplicate	Copper, Dissolved	0.0002 mg/L	No	0.0002	EPA 200.8
4/30/24	MW3M	24006990-005	Duplicate	Iron, Dissolved	1.17 mg/L	Yes	0.01	SW846 6010C
4/30/24	MW3M	24006990-005	Duplicate	Lead, Dissolved	0.0001 mg/L	No	0.0001	EPA 200.8
4/30/24	MW3M	24006990-005	Duplicate	Magnesium, Dissolved	35.8 mg/L	Yes	0.05	SW846 6010C
4/30/24	MW3M	24006990-005	Duplicate	Manganese, Dissolved	0.12 mg/L	Yes	0.01	SW846 6010C
4/30/24	MW3M	24006990-005	Duplicate	Mercury, Dissolved	0.2 ug/L	No	0.2	EPA 200.8
4/30/24	MW3M	24006990-005	Duplicate	Potassium, Dissolved	2.63 mg/L	Yes	1	SW846 6010C
4/30/24	MW3M	24006990-005	Duplicate	Residue, Filterable (Dissolved Solids)	481 mg/L	Yes	1	SM 2540 C
4/30/24	MW3M	24006990-005	Duplicate	Selenium, Dissolved	0.001 mg/L	No	0.001	EPA 200.8
4/30/24	MW3M	24006990-005	Duplicate	Silver, Dissolved	0.005 mg/L	No	0.005	SW846 6010C
4/30/24	MW3M	24006990-005	Duplicate	Sodium, Dissolved	34.5 mg/L	Yes	5	SW846 6010C
4/30/24	MW3M	24006990-005	Duplicate	Sulfate	40.8 mg/L	Yes	5	SW846 9038
4/30/24	MW3M	24006990-005	Duplicate	Total Solids at 105°C	543 mg/L	Yes	0.5	SM 2540 B
4/30/24	MW3M	24006990-005	Duplicate	Zinc, Dissolved	0.01 mg/L	No	0.01	SW846 6010C
4/30/24	MW3M	24006990-002	Regular	Alkalinity	400 mg/L	Yes	10	SM 2320B
4/30/24	MW3M	24006990-002	Regular	Ammonia	1.64 mg/L	Yes	0.1	SM4500-NH3 D
4/30/24	MW3M	24006990-002	Regular	Arsenic, Dissolved	0.001 mg/L	No	0.001	EPA 200.8
4/30/24	MW3M	24006990-002	Regular	Barium, Dissolved	0.159 mg/L	Yes	0.02	SW846 6010C
4/30/24	MW3M	24006990-002	Regular	Bicarbonate	400 mg/L	Yes	10	SM 2320B
4/30/24	MW3M	24006990-002	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005	SW846 6010C
4/30/24	MW3M	24006990-002	Regular	Calcium, Dissolved	147 mg/L	Yes	0.5	SW846 6010C
4/30/24	MW3M	24006990-002	Regular	Carbonate	10 mg/L	No	10	SM 2320B
4/30/24	MW3M	24006990-002	Regular	Chemical Oxygen Demand	54.6 mg/L	Yes	10	EPA 410.4
4/30/24	MW3M	24006990-002	Regular	Chloride	95 mg/L	Yes	10	SW846 9252A

4/30/24	MW3M	24006990-002	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/30/24	MW3M	24006990-002	Regular	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/30/24	MW3M	24006990-002	Regular	Field DO	3.5 mg/L	Yes	0.01
4/30/24	MW3M	24006990-002	Regular	Field Eh	33 mv	Yes	1
4/30/24	MW3M	24006990-002	Regular	Field pH	6.8 su	Yes	0.1
4/30/24	MW3M	24006990-002	Regular	Field SC	1118 umhos/cm	Yes	1
4/30/24	MW3M	24006990-002	Regular	Field Temp	14.9 Degrees C	Yes	0.1
4/30/24	MW3M	24006990-002	Regular	GW Silt Depth	ft, well depth	No	
4/30/24	MW3M	24006990-002	Regular	GW Water Depth	26.28 ft, depth to water	Yes	0.01
4/30/24	MW3M	24006990-002	Regular	GW Water Level	666.32 ft/MSL, water elevation	Yes	0.01
4/30/24	MW3M	24006990-002	Regular	Iron, Dissolved	1.14 mg/L	Yes	0.01 SW846 6010C
4/30/24	MW3M	24006990-002	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/30/24	MW3M	24006990-002	Regular	Magnesium, Dissolved	35.7 mg/L	Yes	0.05 SW846 6010C
4/30/24	MW3M	24006990-002	Regular	Manganese, Dissolved	0.127 mg/L	Yes	0.01 SW846 6010C
4/30/24	MW3M	24006990-002	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/30/24	MW3M	24006990-002	Regular	Potassium, Dissolved	2.81 mg/L	Yes	1 SW846 6010C
4/30/24	MW3M	24006990-002	Regular	Residue, Filterable (Dissolved Solids)	573 mg/L	Yes	1 SM 2540 C
4/30/24	MW3M	24006990-002	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/30/24	MW3M	24006990-002	Regular	Silver, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/30/24	MW3M	24006990-002	Regular	Sodium, Dissolved	38 mg/L	Yes	5 SW846 6010C
4/30/24	MW3M	24006990-002	Regular	Sulfate	45.5 mg/L	Yes	5 SW846 9038
4/30/24	MW3M	24006990-002	Regular	Total Solids at 105°C	615 mg/L	Yes	0.5 SM 2540 B
4/30/24	MW3M	24006990-002	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/30/24	MW3U	24006990-003	Regular	Alkalinity	430 mg/L	Yes	10 SM 2320B
4/30/24	MW3U	24006990-003	Regular	Ammonia	8.09 mg/L	Yes	0.1 SM4500-NH3 D
4/30/24	MW3U	24006990-003	Regular	Arsenic, Dissolved	0.015 mg/L	Yes	0.001 EPA 200.8
4/30/24	MW3U	24006990-003	Regular	Barium, Dissolved	0.164 mg/L	Yes	0.02 SW846 6010C
4/30/24	MW3U	24006990-003	Regular	Bicarbonate	430 mg/L	Yes	10 SM 2320B
4/30/24	MW3U	24006990-003	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/30/24	MW3U	24006990-003	Regular	Calcium, Dissolved	142 mg/L	Yes	0.5 SW846 6010C
4/30/24	MW3U	24006990-003	Regular	Carbonate	10 mg/L	No	10 SM 2320B
4/30/24	MW3U	24006990-003	Regular	Chemical Oxygen Demand	15.8 mg/L	Yes	10 EPA 410.4
4/30/24	MW3U	24006990-003	Regular	Chloride	110 mg/L	Yes	10 SW846 9252A
4/30/24	MW3U	24006990-003	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/30/24	MW3U	24006990-003	Regular	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/30/24	MW3U	24006990-003	Regular	Field DO	3.5 mg/L	Yes	0.01
4/30/24	MW3U	24006990-003	Regular	Field Eh	25 mv	Yes	1
4/30/24	MW3U	24006990-003	Regular	Field pH	6.8 su	Yes	0.1
4/30/24	MW3U	24006990-003	Regular	Field SC	1102 umhos/cm	Yes	1
4/30/24	MW3U	24006990-003	Regular	Field Temp	14.3 Degrees C	Yes	0.1
4/30/24	MW3U	24006990-003	Regular	GW Silt Depth	ft, well depth	No	
4/30/24	MW3U	24006990-003	Regular	GW Water Depth	26.18 ft, depth to water	Yes	0.01
4/30/24	MW3U	24006990-003	Regular	GW Water Level	666.54 ft/MSL, water elevation	Yes	0.01
4/30/24	MW3U	24006990-003	Regular	Iron, Dissolved	5.29 mg/L	Yes	0.01 SW846 6010C
4/30/24	MW3U	24006990-003	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/30/24	MW3U	24006990-003	Regular	Magnesium, Dissolved	34.8 mg/L	Yes	0.05 SW846 6010C
4/30/24	MW3U	24006990-003	Regular	Manganese, Dissolved	0.212 mg/L	Yes	0.01 SW846 6010C
4/30/24	MW3U	24006990-003	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/30/24	MW3U	24006990-003	Regular	Potassium, Dissolved	5.32 mg/L	Yes	1 SW846 6010C
4/30/24	MW3U	24006990-003	Regular	Residue, Filterable (Dissolved Solids)	794 mg/L	Yes	1 SM 2540 C
4/30/24	MW3U	24006990-003	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/30/24	MW3U	24006990-003	Regular	Silver, Dissolved	0.0053 mg/L	Yes	0.005 SW846 6010C
4/30/24	MW3U	24006990-003	Regular	Sodium, Dissolved	62.5 mg/L	Yes	5 SW846 6010C



4/30/24	MW3U	24006990-003	Regular	Sulfate	70.9 mg/L	Yes	5 SW846 9038
4/30/24	MW3U	24006990-003	Regular	Total Solids at 105°C	891 mg/L	Yes	0.5 SM 2540 B
4/30/24	MW3U	24006990-003	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/30/24	MW4UR	24006990-001	Regular	Alkalinity	320 mg/L	Yes	10 SM 2320B
4/30/24	MW4UR	24006990-001	Regular	Ammonia	1.86 mg/L	Yes	0.1 SM4500-NH3 D
4/30/24	MW4UR	24006990-001	Regular	Arsenic, Dissolved	0.037 mg/L	Yes	0.001 EPA 200.8
4/30/24	MW4UR	24006990-001	Regular	Barium, Dissolved	0.18 mg/L	Yes	0.02 SW846 6010C
4/30/24	MW4UR	24006990-001	Regular	Bicarbonate	320 mg/L	Yes	10 SM 2320B
4/30/24	MW4UR	24006990-001	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/30/24	MW4UR	24006990-001	Regular	Calcium, Dissolved	114 mg/L	Yes	0.5 SW846 6010C
4/30/24	MW4UR	24006990-001	Regular	Carbonate	10 mg/L	No	10 SM 2320B
4/30/24	MW4UR	24006990-001	Regular	Chemical Oxygen Demand	14.7 mg/L	Yes	10 EPA 410.4
4/30/24	MW4UR	24006990-001	Regular	Chloride	185 mg/L	Yes	10 SW846 9252A
4/30/24	MW4UR	24006990-001	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/30/24	MW4UR	24006990-001	Regular	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/30/24	MW4UR	24006990-001	Regular	Field DO	2.88 mg/L	Yes	0.01
4/30/24	MW4UR	24006990-001	Regular	Field Eh	33 mv	Yes	1
4/30/24	MW4UR	24006990-001	Regular	Field pH	7 su	Yes	0.1
4/30/24	MW4UR	24006990-001	Regular	Field SC	1256 umhos/cm	Yes	1
4/30/24	MW4UR	24006990-001	Regular	Field Temp	16.8 Degrees C	Yes	0.1
4/30/24	MW4UR	24006990-001	Regular	GW Silt Depth	ft, well depth	No	
4/30/24	MW4UR	24006990-001	Regular	GW Water Depth	26.33 ft, depth to water	Yes	0.01
4/30/24	MW4UR	24006990-001	Regular	GW Water Level	666.46 ft/MSL, water elevation	Yes	0.01
4/30/24	MW4UR	24006990-001	Regular	Iron, Dissolved	6.41 mg/L	Yes	0.01 SW846 6010C
4/30/24	MW4UR	24006990-001	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/30/24	MW4UR	24006990-001	Regular	Magnesium, Dissolved	28.3 mg/L	Yes	0.05 SW846 6010C
4/30/24	MW4UR	24006990-001	Regular	Manganese, Dissolved	0.223 mg/L	Yes	0.01 SW846 6010C
4/30/24	MW4UR	24006990-001	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/30/24	MW4UR	24006990-001	Regular	Potassium, Dissolved	8.98 mg/L	Yes	1 SW846 6010C
4/30/24	MW4UR	24006990-001	Regular	Residue, Filterable (Dissolved Solids)	830 mg/L	Yes	1 SM 2540 C
4/30/24	MW4UR	24006990-001	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/30/24	MW4UR	24006990-001	Regular	Silver, Dissolved	0.0063 mg/L	Yes	0.005 SW846 6010C
4/30/24	MW4UR	24006990-001	Regular	Sodium, Dissolved	194 mg/L	Yes	5 SW846 6010C
4/30/24	MW4UR	24006990-001	Regular	Sulfate	129 mg/L	Yes	5 SW846 9038
4/30/24	MW4UR	24006990-001	Regular	Total Solids at 105°C	884 mg/L	Yes	0.5 SM 2540 B
4/30/24	MW4UR	24006990-001	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW5LR	24006946-009	Regular	Alkalinity	470 mg/L	Yes	10 SM 2320B
4/29/24	MW5LR	24006946-009	Regular	Ammonia	48.7 mg/L	Yes	0.1 SM4500-NH3 D
4/29/24	MW5LR	24006946-009	Regular	Arsenic, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW5LR	24006946-009	Regular	Barium, Dissolved	0.8 mg/L	Yes	0.02 SW846 6010C
4/29/24	MW5LR	24006946-009	Regular	Bicarbonate	470 mg/L	Yes	10 SM 2320B
4/29/24	MW5LR	24006946-009	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW5LR	24006946-009	Regular	Calcium, Dissolved	75.2 mg/L	Yes	0.5 SW846 6010C
4/29/24	MW5LR	24006946-009	Regular	Carbonate	10 mg/L	No	10 SM 2320B
4/29/24	MW5LR	24006946-009	Regular	Chemical Oxygen Demand	25.5 mg/L	Yes	10 EPA 410.4
4/29/24	MW5LR	24006946-009	Regular	Chloride	150 mg/L	Yes	10 SW846 9252A
4/29/24	MW5LR	24006946-009	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW5LR	24006946-009	Regular	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/29/24	MW5LR	24006946-009	Regular	Field DO	2.77 mg/L	Yes	0.01
4/29/24	MW5LR	24006946-009	Regular	Field Eh	5 mv	Yes	1
4/29/24	MW5LR	24006946-009	Regular	Field pH	7 su	Yes	0.1
4/29/24	MW5LR	24006946-009	Regular	Field SC	1220 umhos/cm	Yes	1
4/29/24	MW5LR	24006946-009	Regular	Field Temp	15.9 Degrees C	Yes	0.1

4/29/24	MW5LR	24006946-009	Regular	GW Silt Depth	ft, well depth	No	
4/29/24	MW5LR	24006946-009	Regular	GW Water Depth	25.24 ft, depth to water	Yes	0.01
4/29/24	MW5LR	24006946-009	Regular	GW Water Level	665.47 ft/MSL, water elevation	Yes	0.01
4/29/24	MW5LR	24006946-009	Regular	Iron, Dissolved	2.78 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW5LR	24006946-009	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/29/24	MW5LR	24006946-009	Regular	Magnesium, Dissolved	35.7 mg/L	Yes	0.05 SW846 6010C
4/29/24	MW5LR	24006946-009	Regular	Manganese, Dissolved	0.0735 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW5LR	24006946-009	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/29/24	MW5LR	24006946-009	Regular	Potassium, Dissolved	18.3 mg/L	Yes	1 SW846 6010C
4/29/24	MW5LR	24006946-009	Regular	Residue, Filterable (Dissolved Solids)	453 mg/L	Yes	1 SM 2540 C
4/29/24	MW5LR	24006946-009	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW5LR	24006946-009	Regular	Silver, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW5LR	24006946-009	Regular	Sodium, Dissolved	98 mg/L	Yes	5 SW846 6010C
4/29/24	MW5LR	24006946-009	Regular	Sulfate	36.4 mg/L	Yes	5 SW846 9038
4/29/24	MW5LR	24006946-009	Regular	Total Solids at 105°C	686 mg/L	Yes	0.5 SM 2540 B
4/29/24	MW5LR	24006946-009	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW5MR	24006946-008	Regular	Alkalinity	780 mg/L	Yes	10 SM 2320B
4/29/24	MW5MR	24006946-008	Regular	Ammonia	18.4 mg/L	Yes	0.1 SM4500-NH3 D
4/29/24	MW5MR	24006946-008	Regular	Arsenic, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW5MR	24006946-008	Regular	Barium, Dissolved	1.06 mg/L	Yes	0.02 SW846 6010C
4/29/24	MW5MR	24006946-008	Regular	Bicarbonate	780 mg/L	Yes	10 SM 2320B
4/29/24	MW5MR	24006946-008	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW5MR	24006946-008	Regular	Calcium, Dissolved	147 mg/L	Yes	0.5 SW846 6010C
4/29/24	MW5MR	24006946-008	Regular	Carbonate	10 mg/L	No	10 SM 2320B
4/29/24	MW5MR	24006946-008	Regular	Chemical Oxygen Demand	34.7 mg/L	Yes	10 EPA 410.4
4/29/24	MW5MR	24006946-008	Regular	Chloride	10 mg/L	No	10 SW846 9252A
4/29/24	MW5MR	24006946-008	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW5MR	24006946-008	Regular	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/29/24	MW5MR	24006946-008	Regular	Field DO	3.14 mg/L	Yes	0.01
4/29/24	MW5MR	24006946-008	Regular	Field Eh	17 mv	Yes	1
4/29/24	MW5MR	24006946-008	Regular	Field pH	6.9 su	Yes	0.1
4/29/24	MW5MR	24006946-008	Regular	Field SC	1160 umhos/cm	Yes	1
4/29/24	MW5MR	24006946-008	Regular	Field Temp	15.4 Degrees C	Yes	0.1
4/29/24	MW5MR	24006946-008	Regular	GW Silt Depth	ft, well depth	No	
4/29/24	MW5MR	24006946-008	Regular	GW Water Depth	24.77 ft, depth to water	Yes	0.01
4/29/24	MW5MR	24006946-008	Regular	GW Water Level	665.86 ft/MSL, water elevation	Yes	0.01
4/29/24	MW5MR	24006946-008	Regular	Iron, Dissolved	6.89 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW5MR	24006946-008	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/29/24	MW5MR	24006946-008	Regular	Magnesium, Dissolved	93.7 mg/L	Yes	0.05 SW846 6010C
4/29/24	MW5MR	24006946-008	Regular	Manganese, Dissolved	0.117 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW5MR	24006946-008	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/29/24	MW5MR	24006946-008	Regular	Potassium, Dissolved	9.18 mg/L	Yes	1 SW846 6010C
4/29/24	MW5MR	24006946-008	Regular	Residue, Filterable (Dissolved Solids)	857 mg/L	Yes	1 SM 2540 C
4/29/24	MW5MR	24006946-008	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW5MR	24006946-008	Regular	Silver, Dissolved	0.0061 mg/L	Yes	0.005 SW846 6010C
4/29/24	MW5MR	24006946-008	Regular	Sodium, Dissolved	66.6 mg/L	Yes	5 SW846 6010C
4/29/24	MW5MR	24006946-008	Regular	Sulfate	82.5 mg/L	Yes	5 SW846 9038
4/29/24	MW5MR	24006946-008	Regular	Total Solids at 105°C	931 mg/L	Yes	0.5 SM 2540 B
4/29/24	MW5MR	24006946-008	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW5UR2	24006946-007	Regular	Alkalinity	410 mg/L	Yes	10 SM 2320B
4/29/24	MW5UR2	24006946-007	Regular	Ammonia	1.93 mg/L	Yes	0.1 SM4500-NH3 D
4/29/24	MW5UR2	24006946-007	Regular	Arsenic, Dissolved	0.0172 mg/L	Yes	0.001 EPA 200.8
4/29/24	MW5UR2	24006946-007	Regular	Barium, Dissolved	0.124 mg/L	Yes	0.02 SW846 6010C

4/29/24	MW5UR2	24006946-007	Regular	Bicarbonate	410 mg/L	Yes	10 SM 2320B
4/29/24	MW5UR2	24006946-007	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW5UR2	24006946-007	Regular	Calcium, Dissolved	121 mg/L	Yes	0.5 SW846 6010C
4/29/24	MW5UR2	24006946-007	Regular	Carbonate	10 mg/L	No	10 SM 2320B
4/29/24	MW5UR2	24006946-007	Regular	Chemical Oxygen Demand	10 mg/L	No	10 EPA 410.4
4/29/24	MW5UR2	24006946-007	Regular	Chloride	65 mg/L	Yes	10 SW846 9252A
4/29/24	MW5UR2	24006946-007	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW5UR2	24006946-007	Regular	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/29/24	MW5UR2	24006946-007	Regular	Field DO	3.36 mg/L	Yes	0.01
4/29/24	MW5UR2	24006946-007	Regular	Field Eh	12 mv	Yes	1
4/29/24	MW5UR2	24006946-007	Regular	Field pH	7 su	Yes	0.1
4/29/24	MW5UR2	24006946-007	Regular	Field SC	905 umhos/cm	Yes	1
4/29/24	MW5UR2	24006946-007	Regular	Field Temp	14.8 Degrees C	Yes	0.1
4/29/24	MW5UR2	24006946-007	Regular	GW Silt Depth	ft, well depth	No	
4/29/24	MW5UR2	24006946-007	Regular	GW Water Depth	27.62 ft, depth to water	Yes	0.01
4/29/24	MW5UR2	24006946-007	Regular	GW Water Level	665.65 ft/MSL, water elevation	Yes	0.01
4/29/24	MW5UR2	24006946-007	Regular	Iron, Dissolved	6.32 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW5UR2	24006946-007	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/29/24	MW5UR2	24006946-007	Regular	Magnesium, Dissolved	33.1 mg/L	Yes	0.05 SW846 6010C
4/29/24	MW5UR2	24006946-007	Regular	Manganese, Dissolved	0.328 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW5UR2	24006946-007	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/29/24	MW5UR2	24006946-007	Regular	Potassium, Dissolved	5.18 mg/L	Yes	1 SW846 6010C
4/29/24	MW5UR2	24006946-007	Regular	Residue, Filterable (Dissolved Solids)	531 mg/L	Yes	1 SM 2540 C
4/29/24	MW5UR2	24006946-007	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW5UR2	24006946-007	Regular	Silver, Dissolved	0.0061 mg/L	Yes	0.005 SW846 6010C
4/29/24	MW5UR2	24006946-007	Regular	Sodium, Dissolved	42.3 mg/L	Yes	5 SW846 6010C
4/29/24	MW5UR2	24006946-007	Regular	Sulfate	49.9 mg/L	Yes	5 SW846 9038
4/29/24	MW5UR2	24006946-007	Regular	Total Solids at 105°C	568 mg/L	Yes	0.5 SM 2540 B
4/29/24	MW5UR2	24006946-007	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW6L	24006946-006	Regular	Alkalinity	400 mg/L	Yes	10 SM 2320B
4/29/24	MW6L	24006946-006	Regular	Ammonia	33.8 mg/L	Yes	0.1 SM4500-NH3 D
4/29/24	MW6L	24006946-006	Regular	Arsenic, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW6L	24006946-006	Regular	Barium, Dissolved	0.368 mg/L	Yes	0.02 SW846 6010C
4/29/24	MW6L	24006946-006	Regular	Bicarbonate	400 mg/L	Yes	10 SM 2320B
4/29/24	MW6L	24006946-006	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW6L	24006946-006	Regular	Calcium, Dissolved	83.7 mg/L	Yes	0.5 SW846 6010C
4/29/24	MW6L	24006946-006	Regular	Carbonate	10 mg/L	No	10 SM 2320B
4/29/24	MW6L	24006946-006	Regular	Chemical Oxygen Demand	10 mg/L	No	10 EPA 410.4
4/29/24	MW6L	24006946-006	Regular	Chloride	135 mg/L	Yes	10 SW846 9252A
4/29/24	MW6L	24006946-006	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW6L	24006946-006	Regular	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/29/24	MW6L	24006946-006	Regular	Field DO	3.01 mg/L	Yes	0.01
4/29/24	MW6L	24006946-006	Regular	Field Eh	12 mv	Yes	1
4/29/24	MW6L	24006946-006	Regular	Field pH	7 su	Yes	0.1
4/29/24	MW6L	24006946-006	Regular	Field SC	1168 umhos/cm	Yes	1
4/29/24	MW6L	24006946-006	Regular	Field Temp	15.9 Degrees C	Yes	0.1
4/29/24	MW6L	24006946-006	Regular	GW Silt Depth	ft, well depth	No	
4/29/24	MW6L	24006946-006	Regular	GW Water Depth	26.36 ft, depth to water	Yes	0.01
4/29/24	MW6L	24006946-006	Regular	GW Water Level	664.09 ft/MSL, water elevation	Yes	0.01
4/29/24	MW6L	24006946-006	Regular	Iron, Dissolved	1.93 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW6L	24006946-006	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/29/24	MW6L	24006946-006	Regular	Magnesium, Dissolved	34.1 mg/L	Yes	0.05 SW846 6010C
4/29/24	MW6L	24006946-006	Regular	Manganese, Dissolved	0.101 mg/L	Yes	0.01 SW846 6010C

4/29/24	MW6L	24006946-006	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/29/24	MW6L	24006946-006	Regular	Potassium, Dissolved	15.9 mg/L	Yes	1 SW846 6010C
4/29/24	MW6L	24006946-006	Regular	Residue, Filterable (Dissolved Solids)	618 mg/L	Yes	1 SM 2540 C
4/29/24	MW6L	24006946-006	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW6L	24006946-006	Regular	Silver, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW6L	24006946-006	Regular	Sodium, Dissolved	119 mg/L	Yes	5 SW846 6010C
4/29/24	MW6L	24006946-006	Regular	Sulfate	13.9 mg/L	Yes	5 SW846 9038
4/29/24	MW6L	24006946-006	Regular	Total Solids at 105°C	710 mg/L	Yes	0.5 SM 2540 B
4/29/24	MW6L	24006946-006	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW6M	24006946-005	Regular	Alkalinity	240 mg/L	Yes	10 SM 2320B
4/29/24	MW6M	24006946-005	Regular	Ammonia	14.3 mg/L	Yes	0.1 SM4500-NH3 D
4/29/24	MW6M	24006946-005	Regular	Arsenic, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW6M	24006946-005	Regular	Barium, Dissolved	0.319 mg/L	Yes	0.02 SW846 6010C
4/29/24	MW6M	24006946-005	Regular	Bicarbonate	240 mg/L	Yes	10 SM 2320B
4/29/24	MW6M	24006946-005	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW6M	24006946-005	Regular	Calcium, Dissolved	78.7 mg/L	Yes	0.5 SW846 6010C
4/29/24	MW6M	24006946-005	Regular	Carbonate	10 mg/L	No	10 SM 2320B
4/29/24	MW6M	24006946-005	Regular	Chemical Oxygen Demand	10 mg/L	No	10 EPA 410.4
4/29/24	MW6M	24006946-005	Regular	Chloride	82.5 mg/L	Yes	10 SW846 9252A
4/29/24	MW6M	24006946-005	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW6M	24006946-005	Regular	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/29/24	MW6M	24006946-005	Regular	Field DO	3.08 mg/L	Yes	0.01
4/29/24	MW6M	24006946-005	Regular	Field Eh	25 mv	Yes	1
4/29/24	MW6M	24006946-005	Regular	Field pH	7 su	Yes	0.1
4/29/24	MW6M	24006946-005	Regular	Field SC	845 umhos/cm	Yes	1
4/29/24	MW6M	24006946-005	Regular	Field Temp	15.5 Degrees C	Yes	0.1
4/29/24	MW6M	24006946-005	Regular	GW Silt Depth	ft, well depth	Yes	
4/29/24	MW6M	24006946-005	Regular	GW Water Depth	26.48 ft, depth to water	Yes	0.01
4/29/24	MW6M	24006946-005	Regular	GW Water Level	664.57 ft/MSL, water elevation	Yes	0.01
4/29/24	MW6M	24006946-005	Regular	Iron, Dissolved	0.535 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW6M	24006946-005	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/29/24	MW6M	24006946-005	Regular	Magnesium, Dissolved	25.1 mg/L	Yes	0.05 SW846 6010C
4/29/24	MW6M	24006946-005	Regular	Manganese, Dissolved	0.147 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW6M	24006946-005	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/29/24	MW6M	24006946-005	Regular	Potassium, Dissolved	7.25 mg/L	Yes	1 SW846 6010C
4/29/24	MW6M	24006946-005	Regular	Residue, Filterable (Dissolved Solids)	435 mg/L	Yes	1 SM 2540 C
4/29/24	MW6M	24006946-005	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW6M	24006946-005	Regular	Silver, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW6M	24006946-005	Regular	Sodium, Dissolved	69.4 mg/L	Yes	5 SW846 6010C
4/29/24	MW6M	24006946-005	Regular	Sulfate	49.4 mg/L	Yes	5 SW846 9038
4/29/24	MW6M	24006946-005	Regular	Total Solids at 105°C	430 mg/L	Yes	0.5 SM 2540 B
4/29/24	MW6M	24006946-005	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW6U	24006946-004	Regular	Alkalinity	440 mg/L	Yes	10 SM 2320B
4/29/24	MW6U	24006946-004	Regular	Ammonia	2.72 mg/L	Yes	0.1 SM4500-NH3 D
4/29/24	MW6U	24006946-004	Regular	Arsenic, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW6U	24006946-004	Regular	Barium, Dissolved	0.14 mg/L	Yes	0.02 SW846 6010C
4/29/24	MW6U	24006946-004	Regular	Bicarbonate	440 mg/L	Yes	10 SM 2320B
4/29/24	MW6U	24006946-004	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW6U	24006946-004	Regular	Calcium, Dissolved	182 mg/L	Yes	0.5 SW846 6010C
4/29/24	MW6U	24006946-004	Regular	Carbonate	10 mg/L	No	10 SM 2320B
4/29/24	MW6U	24006946-004	Regular	Chemical Oxygen Demand	10 mg/L	No	10 EPA 410.4
4/29/24	MW6U	24006946-004	Regular	Chloride	95 mg/L	Yes	10 SW846 9252A
4/29/24	MW6U	24006946-004	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C

4/29/24	MW6U	24006946-004	Regular	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/29/24	MW6U	24006946-004	Regular	Field DO	3.04 mg/L	Yes	0.01
4/29/24	MW6U	24006946-004	Regular	Field Eh	44 mv	Yes	1
4/29/24	MW6U	24006946-004	Regular	Field pH	7 su	Yes	0.1
4/29/24	MW6U	24006946-004	Regular	Field SC	919 umhos/cm	Yes	1
4/29/24	MW6U	24006946-004	Regular	Field Temp	16.7 Degrees C	Yes	0.1
4/29/24	MW6U	24006946-004	Regular	GW Silt Depth	ft, well depth	No	
4/29/24	MW6U	24006946-004	Regular	GW Water Depth	26.95 ft, depth to water	Yes	0.01
4/29/24	MW6U	24006946-004	Regular	GW Water Level	665.16 ft/MSL, water elevation	Yes	0.01
4/29/24	MW6U	24006946-004	Regular	Iron, Dissolved	6.9 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW6U	24006946-004	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/29/24	MW6U	24006946-004	Regular	Magnesium, Dissolved	26.9 mg/L	Yes	0.05 SW846 6010C
4/29/24	MW6U	24006946-004	Regular	Manganese, Dissolved	0.64 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW6U	24006946-004	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/29/24	MW6U	24006946-004	Regular	Potassium, Dissolved	7.77 mg/L	Yes	1 SW846 6010C
4/29/24	MW6U	24006946-004	Regular	Residue, Filterable (Dissolved Solids)	689 mg/L	Yes	1 SM 2540 C
4/29/24	MW6U	24006946-004	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW6U	24006946-004	Regular	Silver, Dissolved	0.0068 mg/L	Yes	0.005 SW846 6010C
4/29/24	MW6U	24006946-004	Regular	Sodium, Dissolved	73.8 mg/L	Yes	5 SW846 6010C
4/29/24	MW6U	24006946-004	Regular	Sulfate	16.2 mg/L	Yes	5 SW846 9038
4/29/24	MW6U	24006946-004	Regular	Total Solids at 105°C	647 mg/L	Yes	0.5 SM 2540 B
4/29/24	MW6U	24006946-004	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW7L	24006946-002	Regular	Alkalinity	260 mg/L	Yes	10 SM 2320B
4/29/24	MW7L	24006946-002	Regular	Ammonia	20.2 mg/L	Yes	0.1 SM4500-NH3 D
4/29/24	MW7L	24006946-002	Regular	Arsenic, Dissolved	0.0029 mg/L	Yes	0.001 EPA 200.8
4/29/24	MW7L	24006946-002	Regular	Barium, Dissolved	0.182 mg/L	Yes	0.02 SW846 6010C
4/29/24	MW7L	24006946-002	Regular	Bicarbonate	260 mg/L	Yes	10 SM 2320B
4/29/24	MW7L	24006946-002	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW7L	24006946-002	Regular	Calcium, Dissolved	54.2 mg/L	Yes	0.5 SW846 6010C
4/29/24	MW7L	24006946-002	Regular	Carbonate	10 mg/L	No	10 SM 2320B
4/29/24	MW7L	24006946-002	Regular	Chemical Oxygen Demand	10 mg/L	No	10 EPA 410.4
4/29/24	MW7L	24006946-002	Regular	Chloride	82.5 mg/L	Yes	10 SW846 9252A
4/29/24	MW7L	24006946-002	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW7L	24006946-002	Regular	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/29/24	MW7L	24006946-002	Regular	Field DO	3.18 mg/L	Yes	0.01
4/29/24	MW7L	24006946-002	Regular	Field Eh	30 mv	Yes	1
4/29/24	MW7L	24006946-002	Regular	Field pH	7.1 su	Yes	0.1
4/29/24	MW7L	24006946-002	Regular	Field SC	1155 umhos/cm	Yes	1
4/29/24	MW7L	24006946-002	Regular	Field Temp	15.6 Degrees C	Yes	0.1
4/29/24	MW7L	24006946-002	Regular	GW Silt Depth	ft, well depth	No	
4/29/24	MW7L	24006946-002	Regular	GW Water Depth	27.94 ft, depth to water	Yes	0.01
4/29/24	MW7L	24006946-002	Regular	GW Water Level	664.23 ft/MSL, water elevation	Yes	0.01
4/29/24	MW7L	24006946-002	Regular	Iron, Dissolved	1.76 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW7L	24006946-002	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/29/24	MW7L	24006946-002	Regular	Magnesium, Dissolved	24.7 mg/L	Yes	0.05 SW846 6010C
4/29/24	MW7L	24006946-002	Regular	Manganese, Dissolved	0.0715 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW7L	24006946-002	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/29/24	MW7L	24006946-002	Regular	Potassium, Dissolved	8.51 mg/L	Yes	1 SW846 6010C
4/29/24	MW7L	24006946-002	Regular	Residue, Filterable (Dissolved Solids)	406 mg/L	Yes	1 SM 2540 C
4/29/24	MW7L	24006946-002	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW7L	24006946-002	Regular	Silver, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW7L	24006946-002	Regular	Sodium, Dissolved	61.4 mg/L	Yes	5 SW846 6010C
4/29/24	MW7L	24006946-002	Regular	Sulfate	44.2 mg/L	Yes	5 SW846 9038

4/29/24	MW7L	24006946-002	Regular	Total Solids at 105°C	431 mg/L	Yes	0.5 SM 2540 B
4/29/24	MW7L	24006946-002	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW7M	24006946-011	Duplicate	Alkalinity	290 mg/L	Yes	10 SM 2320B
4/29/24	MW7M	24006946-011	Duplicate	Ammonia	0.696 mg/L	Yes	0.1 SM4500-NH3 D
4/29/24	MW7M	24006946-011	Duplicate	Arsenic, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW7M	24006946-011	Duplicate	Barium, Dissolved	0.132 mg/L	Yes	0.02 SW846 6010C
4/29/24	MW7M	24006946-011	Duplicate	Bicarbonate	290 mg/L	Yes	10 SM 2320B
4/29/24	MW7M	24006946-011	Duplicate	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW7M	24006946-011	Duplicate	Calcium, Dissolved	132 mg/L	Yes	0.5 SW846 6010C
4/29/24	MW7M	24006946-011	Duplicate	Carbonate	10 mg/L	No	10 SM 2320B
4/29/24	MW7M	24006946-011	Duplicate	Chemical Oxygen Demand	10 mg/L	No	10 EPA 410.4
4/29/24	MW7M	24006946-011	Duplicate	Chloride	87.5 mg/L	Yes	10 SW846 9252A
4/29/24	MW7M	24006946-011	Duplicate	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW7M	24006946-011	Duplicate	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/29/24	MW7M	24006946-011	Duplicate	Iron, Dissolved	0.187 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW7M	24006946-011	Duplicate	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/29/24	MW7M	24006946-011	Duplicate	Magnesium, Dissolved	22.4 mg/L	Yes	0.05 SW846 6010C
4/29/24	MW7M	24006946-011	Duplicate	Manganese, Dissolved	0.0892 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW7M	24006946-011	Duplicate	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/29/24	MW7M	24006946-011	Duplicate	Potassium, Dissolved	4.15 mg/L	Yes	1 SW846 6010C
4/29/24	MW7M	24006946-011	Duplicate	Residue, Filterable (Dissolved Solids)	548 mg/L	Yes	1 SM 2540 C
4/29/24	MW7M	24006946-011	Duplicate	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW7M	24006946-011	Duplicate	Silver, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW7M	24006946-011	Duplicate	Sodium, Dissolved	49.9 mg/L	Yes	5 SW846 6010C
4/29/24	MW7M	24006946-011	Duplicate	Sulfate	50.7 mg/L	Yes	5 SW846 9038
4/29/24	MW7M	24006946-011	Duplicate	Total Solids at 105°C	581 mg/L	Yes	0.5 SM 2540 B
4/29/24	MW7M	24006946-011	Duplicate	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW7M	24006946-001	Regular	Alkalinity	290 mg/L	Yes	10 SM 2320B
4/29/24	MW7M	24006946-001	Regular	Ammonia	0.923 mg/L	Yes	0.1 SM4500-NH3 D
4/29/24	MW7M	24006946-001	Regular	Arsenic, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW7M	24006946-001	Regular	Barium, Dissolved	0.131 mg/L	Yes	0.02 SW846 6010C
4/29/24	MW7M	24006946-001	Regular	Bicarbonate	290 mg/L	Yes	10 SM 2320B
4/29/24	MW7M	24006946-001	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW7M	24006946-001	Regular	Calcium, Dissolved	129 mg/L	Yes	0.5 SW846 6010C
4/29/24	MW7M	24006946-001	Regular	Carbonate	10 mg/L	No	10 SM 2320B
4/29/24	MW7M	24006946-001	Regular	Chemical Oxygen Demand	10 mg/L	No	10 EPA 410.4
4/29/24	MW7M	24006946-001	Regular	Chloride	82.5 mg/L	Yes	10 SW846 9252A
4/29/24	MW7M	24006946-001	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW7M	24006946-001	Regular	Copper, Dissolved	0.00022 mg/L	Yes	0.0002 EPA 200.8
4/29/24	MW7M	24006946-001	Regular	Field DO	3.17 mg/L	Yes	0.01
4/29/24	MW7M	24006946-001	Regular	Field Eh	45 mv	Yes	1
4/29/24	MW7M	24006946-001	Regular	Field pH	7.1 su	Yes	0.1
4/29/24	MW7M	24006946-001	Regular	Field SC	815 umhos/cm	Yes	1
4/29/24	MW7M	24006946-001	Regular	Field Temp	15.7 Degrees C	Yes	0.1
4/29/24	MW7M	24006946-001	Regular	GW Silt Depth	ft, well depth	No	
4/29/24	MW7M	24006946-001	Regular	GW Water Depth	27.38 ft, depth to water	Yes	0.01
4/29/24	MW7M	24006946-001	Regular	GW Water Level	664.79 ft/MSL, water elevation	Yes	0.01
4/29/24	MW7M	24006946-001	Regular	Iron, Dissolved	0.189 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW7M	24006946-001	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/29/24	MW7M	24006946-001	Regular	Magnesium, Dissolved	24.3 mg/L	Yes	0.05 SW846 6010C
4/29/24	MW7M	24006946-001	Regular	Manganese, Dissolved	0.0829 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW7M	24006946-001	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/29/24	MW7M	24006946-001	Regular	Potassium, Dissolved	4.44 mg/L	Yes	1 SW846 6010C

4/29/24	MW7M	24006946-001	Regular	Residue, Filterable (Dissolved Solids)	575 mg/L	Yes	1 SM 2540 C
4/29/24	MW7M	24006946-001	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW7M	24006946-001	Regular	Silver, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW7M	24006946-001	Regular	Sodium, Dissolved	52.7 mg/L	Yes	5 SW846 6010C
4/29/24	MW7M	24006946-001	Regular	Sulfate	97 mg/L	Yes	5 SW846 9038
4/29/24	MW7M	24006946-001	Regular	Total Solids at 105°C	581 mg/L	Yes	0.5 SM 2540 B
4/29/24	MW7M	24006946-001	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW7U	24006946-003	Regular	Alkalinity	230 mg/L	Yes	10 SM 2320B
4/29/24	MW7U	24006946-003	Regular	Ammonia	1.09 mg/L	Yes	0.1 SM4500-NH3 D
4/29/24	MW7U	24006946-003	Regular	Arsenic, Dissolved	0.0082 mg/L	Yes	0.001 EPA 200.8
4/29/24	MW7U	24006946-003	Regular	Barium, Dissolved	0.0837 mg/L	Yes	0.02 SW846 6010C
4/29/24	MW7U	24006946-003	Regular	Bicarbonate	230 mg/L	Yes	10 SM 2320B
4/29/24	MW7U	24006946-003	Regular	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/29/24	MW7U	24006946-003	Regular	Calcium, Dissolved	119 mg/L	Yes	0.5 SW846 6010C
4/29/24	MW7U	24006946-003	Regular	Carbonate	10 mg/L	No	10 SM 2320B
4/29/24	MW7U	24006946-003	Regular	Chemical Oxygen Demand	15.2 mg/L	Yes	10 EPA 410.4
4/29/24	MW7U	24006946-003	Regular	Chloride	115 mg/L	Yes	10 SW846 9252A
4/29/24	MW7U	24006946-003	Regular	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/29/24	MW7U	24006946-003	Regular	Copper, Dissolved	0.00121 mg/L	Yes	0.0002 EPA 200.8
4/29/24	MW7U	24006946-003	Regular	Field DO	3.5 mg/L	Yes	0.01
4/29/24	MW7U	24006946-003	Regular	Field Eh	40 mv	Yes	1
4/29/24	MW7U	24006946-003	Regular	Field pH	6.8 su	Yes	0.1
4/29/24	MW7U	24006946-003	Regular	Field SC	907 umhos/cm	Yes	1
4/29/24	MW7U	24006946-003	Regular	Field Temp	16.9 Degrees C	Yes	0.1
4/29/24	MW7U	24006946-003	Regular	GW Silt Depth	ft, well depth	No	
4/29/24	MW7U	24006946-003	Regular	GW Water Depth	28.34 ft, depth to water	Yes	0.01
4/29/24	MW7U	24006946-003	Regular	GW Water Level	665.42 ft/MSL, water elevation	Yes	0.01
4/29/24	MW7U	24006946-003	Regular	Iron, Dissolved	19.1 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW7U	24006946-003	Regular	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/29/24	MW7U	24006946-003	Regular	Magnesium, Dissolved	24.6 mg/L	Yes	0.05 SW846 6010C
4/29/24	MW7U	24006946-003	Regular	Manganese, Dissolved	1.29 mg/L	Yes	0.01 SW846 6010C
4/29/24	MW7U	24006946-003	Regular	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/29/24	MW7U	24006946-003	Regular	Potassium, Dissolved	5.26 mg/L	Yes	1 SW846 6010C
4/29/24	MW7U	24006946-003	Regular	Residue, Filterable (Dissolved Solids)	520 mg/L	Yes	1 SM 2540 C
4/29/24	MW7U	24006946-003	Regular	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/29/24	MW7U	24006946-003	Regular	Silver, Dissolved	0.0129 mg/L	Yes	0.005 SW846 6010C
4/29/24	MW7U	24006946-003	Regular	Sodium, Dissolved	109 mg/L	Yes	5 SW846 6010C
4/29/24	MW7U	24006946-003	Regular	Sulfate	52 mg/L	Yes	5 SW846 9038
4/29/24	MW7U	24006946-003	Regular	Total Solids at 105°C	568 mg/L	Yes	0.5 SM 2540 B
4/29/24	MW7U	24006946-003	Regular	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/30/24	Trip Blank	24006990-006	Trip Blank	Alkalinity	10 mg/L	No	10 SM 2320B
4/30/24	Trip Blank	24006990-006	Trip Blank	Ammonia	0.1 mg/L	No	0.1 SM4500-NH3 D
4/30/24	Trip Blank	24006990-006	Trip Blank	Arsenic, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/30/24	Trip Blank	24006990-006	Trip Blank	Barium, Dissolved	0.02 mg/L	No	0.02 SW846 6010C
4/30/24	Trip Blank	24006990-006	Trip Blank	Bicarbonate	10 mg/L	No	10 SM 2320B
4/30/24	Trip Blank	24006990-006	Trip Blank	Cadmium, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/30/24	Trip Blank	24006990-006	Trip Blank	Calcium, Dissolved	0.5 mg/L	No	0.5 SW846 6010C
4/30/24	Trip Blank	24006990-006	Trip Blank	Carbonate	10 mg/L	No	10 SM 2320B
4/30/24	Trip Blank	24006990-006	Trip Blank	Chemical Oxygen Demand	10 mg/L	No	10 EPA 410.4
4/30/24	Trip Blank	24006990-006	Trip Blank	Chloride	10 mg/L	No	10 SW846 9252A
4/30/24	Trip Blank	24006990-006	Trip Blank	Chromium, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/30/24	Trip Blank	24006990-006	Trip Blank	Copper, Dissolved	0.0002 mg/L	No	0.0002 EPA 200.8
4/30/24	Trip Blank	24006990-006	Trip Blank	Iron, Dissolved	0.01 mg/L	No	0.01 SW846 6010C

4/30/24	Trip Blank	24006990-006	Trip Blank	Lead, Dissolved	0.0001 mg/L	No	0.0001 EPA 200.8
4/30/24	Trip Blank	24006990-006	Trip Blank	Magnesium, Dissolved	0.05 mg/L	No	0.05 SW846 6010C
4/30/24	Trip Blank	24006990-006	Trip Blank	Manganese, Dissolved	0.01 mg/L	No	0.01 SW846 6010C
4/30/24	Trip Blank	24006990-006	Trip Blank	Mercury, Dissolved	0.2 ug/L	No	0.2 EPA 200.8
4/30/24	Trip Blank	24006990-006	Trip Blank	Potassium, Dissolved	1 mg/L	No	1 SW846 6010C
4/30/24	Trip Blank	24006990-006	Trip Blank	Residue, Filterable (Dissolved Solids)	1 mg/L	No	1 SM 2540 C
4/30/24	Trip Blank	24006990-006	Trip Blank	Selenium, Dissolved	0.001 mg/L	No	0.001 EPA 200.8
4/30/24	Trip Blank	24006990-006	Trip Blank	Silver, Dissolved	0.005 mg/L	No	0.005 SW846 6010C
4/30/24	Trip Blank	24006990-006	Trip Blank	Sodium, Dissolved	1 mg/L	No	1 SW846 6010C
4/30/24	Trip Blank	24006990-006	Trip Blank	Sulfate	42.4 mg/L	Yes	5 SW846 9038
4/30/24	Trip Blank	24006990-006	Trip Blank	Total Solids at 105°C	0.5 mg/L	No	0.5 SM 2540 B
4/30/24	Trip Blank	24006990-006	Trip Blank	Zinc, Dissolved	0.01 mg/L	No	0.01 SW846 6010C

























