

J&T Consulting, Inc.

September 10, 2025

Mr. Patrick Lennberg
Environmental Protection Specialist
State of Colorado
Division of Reclamation, Mining, and Safety

Physical Address:

1313 Sherman Street, Room 215
Denver, CO 80203

Mailing Address:

Division of Reclamation, Mining and Safety, Room 215
1001 East 62nd Avenue
Denver, CO 80216

RE: *Ogilvy River Farm Pit, File No. M-2024-006,
Adequacy Review 1 Response for Technical Revision No. 1*

Dear Mr. Lennberg,

Ogilvy River Farm, LLC has received the DRMS's adequacy review 1 dated August 11, 2025 for Technical Revision No. 1 dated June 30, 2025.

Below are our responses to adequacy review 1:

1. Please update the analytical data tables to show the date the samples were collected rather than the quarter. See comment #3 below for additional information.

Response: The dates are shown on the summary tables for the field data that have been included with the attachments.

2. The laboratory data reports are incomplete. Please provide the complete laboratory data reports.

Response: The report was shortened with the data from the Ogilvy River Farm Pit only as we didn't want to include the other sites that were in the report. We have provided the full report but there are several pits included in the report. The naming for this pit's samples also got mis-named as there are several call outs for Ogilvy River Farm Pit (correct name) and Ogilvy River, but they all are for the same monitor wells on the Ogilvy River Farm Pit.

3. The laboratory data package labelled as the Third Quarter 2024 is not for the third quarter of 2024. The samples were collected on October 10, 2024, which is in the Fourth Quarter of 2024. It appears that a quarterly sampling event was skipped. Baseline water quality was to be based on 5 consecutive quarters of sampling. Please provide an explanation why a quarter was skipped and its effects on the baseline water quality information for the site.

Response: Our consultant that does the water quality sampling had some issues on being able to complete sampling with staffing issues as the owner's son who



9/9/25

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was obtaining the samples had some health issues and consequently, we had times where samples were started at the end of the quarter and finished in the next quarter. The owner's son ended up passing away so there was a time period where samples were delayed. The owner was not available for a period of time but has since taken care of having staff available to continue sampling. We apologize for the inconvenience. This pit has not began mining operations below the groundwater surface so we believe the sampling shows the trends accurately even though we had one quarter of sampling that was not sampled consecutively. Another sample has been collected and results are included in the attachments.

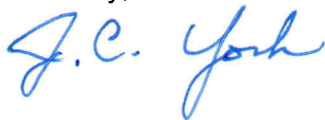
4. Monitoring wells 2 and 3 are missing an initial quarter of sampling and only have four quarters of data and those quarters are not consecutive. A response is required.

Response: Prior to getting adequacy review comments back on the original permit we had proposed to only sample two of the four monitor wells so the first samples for Monitor Well 1 and Monitor Well 4 were sampled for the first quarter and Monitor Well 2 and Monitor Well 3 were sampled starting in the 2nd quarter of sampling.

5. The field measurements for the first quarter 2024 sampling event are missing from the tables provided. Please update the table with the missing information.

Response: The first quarter where we had sampled the monitor wells only pH was taken and is included in the COC's provided to SGS and is included in the attachments.

Sincerely,



J.C. York, P.E.
J&T Consulting, Inc.

Attachments:

Water Quality Testing Spreadsheet – Last 5 quarters of data and information on elements sampled and tested.
Field Information for Sampling of pH, temperature, conductivity, ORP, turbidity
COC's provided to SGS for first quarter of 2024
SGS Lab Testing Reports and Eurofins Lab Testing Reports

cc: Ogilvy River Farm, LLC, File

Monitor Well Number	Element	Reg 41 Values (mg/l)	2024				2025			
			Q1 Result (mg/l)	Q2 Results (mg/l)	Q3 Result (mg/l)	Q4 Results (mg/l)	Q1 Result (mg/l)	Q2 Result (mg/l)	Q3 Result (mg/l)	Q4 Result (mg/l)
1	Fluoride	2	0.35	0.73	0.32	0.56	0.48		0.58	
	Chloride	250	167	70	161	192	154		140	
	Sulfate	250	443	349	431	461	59		400	
	Nitrogen, Nitrate (NO3)	10	11.9							
	Nitrogen, Nitrite (NO2)	1	<0.20							
	Nitrogen + Nitrate as Nitrogen	10	11.9	2.3	8.3	9	9.9		6.8	
	Solids, Total Dissolved	X	1380	812	1210	1290	1220		1100	
	Dissolved Metal Analysis									
	Aluminum	5	<0.1	<0.25	0.18	<0.05	<0.05		0	
	Antimony	0.006	<0.03	<0.0004	<0.0004	<0.0004	<0.0004		0	
	Arsenic	0.01	<0.025	0.0011	0.0011	0.00082	0.0008		0.00075	
	Barium	2	0.059	0.0273	0.0743	0.0543	0.0534		0.036	
	Beryllium	0.004	<0.01	<0.0002	<0.0002	<0.0002			0	
	Boron	0.75	0.253	0.236	0.238	0.242	0.243		0.24	
	Cadmium	0.005	<0.01	<0.0001	<0.0001	<0.0001	<0.0001	Not Available	0	
	Chromium	0.1	<0.01	<0.01	<0.002	<0.002	<0.002		0	
	Cobalt	0.05	<0.005	0.00034	0.00091	0.0011	0.001		0.007	
	Copper	0.2	<0.01	0.0022	<0.002	0.0031	<0.002		0.0014	
	Iron	0.3	<0.07	<0.02	0.011	<0.02	<0.02		0	
	Lead	0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.05		0	
	Lithium	2.5		0.0693	0.0831	0.0748	0.0773		0.069	
	Manganese	0.05	0.119	0.0486	0.0569	0.0451	0.033		0.026	
	Mercury	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		0	
	Molybdenum	0.21	<0.01	0.0109	0.0038	0.002	0.0022		0.0058	
	Nickel	0.1	<0.03	0.0022	<0.002	<0.002	<0.002		0.0016	
	Selenium	0.02	<0.05	0.0017	0.00074	<0.0004	<0.0004		0.00088	
	Silver	0.05	<0.03	<0.0001	<0.0001	<0.0001	<0.0001		0	
	Thallium	0.002	<0.01	<0.0002	<0.0002	<0.0002	<0.0002		0	
	Uranium	0.03	0.0524	0.116	0.0588	0.0516	0.0558		0.00027	
	Vanadium	0.1	<0.01	<0.005	0.0017	0.0013	0.0012		0	
	Zinc	2	<0.03	<0.01	<0.01	<0.01	<0.01		0	

Means meets regulation or Not Detected (0 was used for ND)

Element	Recommendation
Sulfate	These elements exceeded Reg 41 thresholds during at least one quarter in at least one well, therefore they should continue to be included in future testing
Nitrogen + Nitrate	
Barium	
Manganese	
Uranium	
TDS	

Monitor Well Number	Element	Reg 41 Values (mg/l)	2024				2025			
			Q1 Result (mg/l)	Q2 Results (mg/l)	Q3 Result (mg/l)	Q4 Results (mg/l)	Q1 Result (mg/l)	Q2 Result (mg/l)	Q3 Result (mg/l)	Q4 Result (mg/l)
2	Fluoride	2		0.73	0.75	0.56	0.8			0.87
	Chloride	250		70	59.5	77.6	81.9			65
	Sulfate	250		349	671	720	725			540
	Nitrogen, Nitrate (NO3)	10								
	Nitrogen, Nitrite (NO2)	1								
	Nitrogen + Nitrate as Nitrogen	10		9.5	0.68	8.9	8.6			2.1
	Solids, Total Dissolved	X		812	1210	1410	1400			1100
	Dissolved Metal Analysis									
	Aluminum	5	Not Available	<0.25	0.092	<0.05	<0.05			0
	Antimony	0.006		<0.0004	<0.0004	<0.0004	<0.0004			0
	Arsenic	0.01		0.00077	0.0011	0.00074	0.00059			0.0012
	Barium	2		4.803	0.0628	0.0531	0.0543			0.026
	Beryllium	0.004		<0.0002	<0.0002	<0.0002	0			0
	Boron	0.75		0.303	0.267	0.32	0.317			0.29
	Cadmium	0.005		<0.0001	<0.0001	<0.0001	<0.0001	Not Available		0
	Chromium	0.1		<0.01	<0.002	<0.002	<0.002			0
	Cobalt	0.05		0.00046	0.0004	0.00033	<0.0002			0
	Copper	0.2		0.0021	<0.002	<0.002	<0.002			0.001
	Iron	0.3		0.159	0.0794	0.0655	<0.02			0
	Lead	0.05		<0.0005	<0.0005	<0.0005	<0.0005			0
	Lithium	2.5		0.112	0.0973	0.0988	0.102			0.089
	Manganese	0.05		0.175	0.136	0.143	0.142			0.12
	Mercury	0.002		<0.0001	<0.0001	<0.0001	<0.0001			0
	Molybdenum	0.21		0.0166	0.0177	0.0096	0.0099			0.013
	Nickel	0.1		<0.002	<0.002	<0.002	<0.002		0	
	Selenium	0.02		0.0047	0.00047	0.0031	0.0026		0.0015	
	Silver	0.05		<0.0001	<0.0001	<0.0001	<0.0001		0	
	Thallium	0.002		<0.0002	<0.0002	<0.0002	<0.0002		0	
	Uranium	0.03		0.085	0.0283	0.0516	0.0411		0.00026	
	Vanadium	0.1	<0.005	0.0013	<0.001	<0.001		0		
	Zinc	2	<0.01	<0.01	<0.01	<0.01		0		

Means meets regulation or Not Detected (0 was used for ND)

Element	Recommendation
Sulfate	These elements exceeded Reg
Nitrogen + Nitrate	41 thresholds during at least one
Barium	quarter in at least one well,
Manganese	therefore they should continue
Uranium	to be included in future testing
TDS	

Monitor Well Number	Element	Reg 41 Values (mg/l)	2024				2025			
			Q1 Result (mg/l)	Q2 Results (mg/l)	Q3 Result (mg/l)	Q4 Results (mg/l)	Q1 Result (mg/l)	Q2 Result (mg/l)	Q3 Result (mg/l)	Q4 Result (mg/l)
3	Fluoride	2	Not Available	0.42	0.36	0.57	0.38	Not Available	0.49	
	Chloride	250		91.4	88.3	94.8	110		94	
	Sulfate	250		515	502	508	572		490	
	Nitrogen, Nitrate (NO3)	10								
	Nitrogen, Nitrite (NO2)	1								
	Nitrogen + Nitrate as Nitrogen	10		10	11.7	10.6	11.9		11	
	Solids, Total Dissolved	X		1120	1150	1060	1050		1200	
	Dissolved Metal Analysis									
	Aluminum	5		<0.05	<0.05	<0.05	<0.05		0	
	Antimony	0.006		<0.0004	<0.0004	<0.0004	<0.0004		0	
	Arsenic	0.01		0.00028	0.0003	0.00029	0.00035		0	
	Barium	2		0.0241	0.039	0.045	0.0343		0.026	
	Beryllium	0.004		<0.0002	<0.0002	<0.0002			0	
	Boron	0.75		0.239	0.239	0.241	0.252		0.25	
	Cadmium	0.005		<0.0001	<0.0001	<0.0001	<0.0001		0	
	Chromium	0.1		<0.002	<0.002	<0.002	<0.002		0	
	Cobalt	0.05		0.00045	0.00025	0.00026	<0.0002		0	
	Copper	0.2		<0.002	<0.002	<0.002	<0.002		0	
	Iron	0.3		<0.02	<0.02	<0.02	<0.02		0	
	Lead	0.05		<0.0005	<0.0005	<0.0005	<0.0005		0	
	Lithium	2.5		0.0543	0.0532	0.0433	0.0466		0.048	
	Manganese	0.05		0.0385	0.0348	0.0316	0.0312		0.019	
	Mercury	0.002		<0.0001	<0.0001	<0.0001	<0.0001		0	
	Molybdenum	0.21		0.0016	0.0015	0.0016	0.0017		0.0017	
	Nickel	0.1		<0.002	<0.002	<0.002	<0.002		0.0012	
	Selenium	0.02		0.00058	0.00063	0.00052	0.0005		0	
	Silver	0.05		<0.0001	<0.0001	<0.0001	<0.0001		0	
	Thallium	0.002		<0.0002	<0.0002	<0.0002	<0.0002		0	
	Uranium	0.03		0.0509	0.0483	0.0501	0.0533		0.00026	
	Vanadium	0.1		<0.001	<0.001	<0.001	<0.001		0	
	Zinc	2		<0.01	<0.01	<0.01	<0.01		0	

Means meets regulation or Not Detected (0 was used for ND)

Element	Recommendation
Sulfate	These elements exceeded Reg
Nitrogen + Nitrate	41 thresholds during at least one
Barium	quarter in at least one well,
Manganese	therefore they should continue
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TDS	

Monitor Well Number	Element	Reg 41 Values (mg/l)	2024				2025			
			Q1 Result (mg/l)	Q2 Results (mg/l)	Q3 Result (mg/l)	Q4 Results (mg/l)	Q1 Result (mg/l)	Q2 Result (mg/l)	Q3 Result (mg/l)	Q4 Result (mg/l)
4	Fluoride	2	0.21	0.25	<0.20	0.18	0.25		0.29	
	Chloride	250	89.6	93.8	93.5	96.7	97.7		97	
	Sulfate	250	454	501	483	490	477		480	
	Nitrogen, Nitrate (NO3)	10	11.7							
	Nitrogen, Nitrite (NO2)	1	<0.0080							
	Nitrogen + Nitrate as Nitrogen	10	11.7	10.9	12.6	10.8	11.7		13	
	Solids, Total Dissolved	X	1170	1100	1110	1100	1000		1200	
	Dissolved Metal Analysis									
	Aluminum	5	<0.1	<0.05	<0.05	<0.05	<0.05		0	
	Antimony	0.006	<0.03	<0.0004	<0.0004	<0.0004	<0.0004		0	
	Arsenic	0.01	<0.025	0.00027	0.00032	0.00027	0.00026		0	
	Barium	2	0.0242	0.0236	0.0443	0.0251	0.0256		0.022	
	Beryllium	0.004	<0.01	<0.0002	<0.0002	<0.0002			0	
	Boron	0.75	0.26	0.261	0.26	0.254	0.261		0.26	
	Cadmium	0.005	<0.01	<0.0001	<0.0001	<0.0001	<0.0001		0	
	Chromium	0.1	<0.01	<0.002	<0.002	<0.002	<0.002	Not Available	0	
	Cobalt	0.05	<0.005	0.00027	0.00034	0.0002	<0.0002		0	
	Copper	0.2	<0.01	<0.002	<0.002	<0.002	<0.002		0	
	Iron	0.3	<0.07	<0.02	<0.02	<0.02	<0.02		0	
	Lead	0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005		0	
	Lithium	2.5	0	0.0367	0.0454	0.03	0.0323		0.034	
	Manganese	0.05	0.0474	0.0536	0.0556	0.0462	0.0291		0.022	
	Mercury	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		0	
	Molybdenum	0.21	<0.01	0.0013	0.0012	0.0013	0.0012		0.0012	
	Nickel	0.1	<0.03	<0.002	<0.002	<0.002	<0.002		0.0012	
	Selenium	0.02	<0.05	<0.0004	<0.0004	<0.0004	<0.0004		0.00055	
	Silver	0.05	<0.03	<0.0001	<0.0001	<0.0001	<0.0001		0	
	Thallium	0.002	<0.01	<0.0002	<0.0002	<0.0002	<0.0002		0	
	Uranium	0.03	0.0527	0.0523	0.0542	0.055	0.0557		0.00026	
	Vanadium	0.1	<0.01	<0.001	<0.001	<0.001	<0.001		0	
	Zinc	2	<0.03	<0.01	<0.01	<0.01	<0.01		0	

Means meets regulation or Not Detected (0 was used for ND)

Element	Recommendation
Sulfate	These elements exceeded Reg
Nitrogen + Nitrate	41 thresholds during at least one
Barium	quarter in at least one well,
Manganese	therefore they should continue
Uranium	to be included in future testing
TDS	

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

J&T Consulting

Material Sites WQ Testing

SGS Job Number: DA62542

Sampling Date: 03/01/24

Report to:

J&T Consulting Inc
305 Denver Avenue Suite D
Fort Lupton, CO 80621
jcyork@j-tconsulting.com

ATTN: JC York

Total number of pages in report: 59



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.



Eric Hoffman

Client Service contact: Kelly Blanchard 303-425-6021

Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

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Test results relate only to samples analyzed.

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Sample Summary

J&T Consulting

Job No: DA62542

Material Sites WQ Testing

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
DA62542-1	03/01/24	10:13 TT	03/01/24	AQ	Ground Water	OGILVY RIVER FARM PIT (MW-1)
DA62542-1F	03/01/24	10:13 TT	03/01/24	AQ	Groundwater Filtered	OGILVY RIVER FARM PIT (MW-1)
DA62542-1FC	03/01/24	10:13 TT	03/01/24	AQ	Groundwater Filtered	OGILVY RIVER FARM PIT (MW-1)
DA62542-2	03/01/24	10:35 TT	03/01/24	AQ	Ground Water	OGILVY RIVER FARM PIT (MW-4)
DA62542-2F	03/01/24	10:35 TT	03/01/24	AQ	Groundwater Filtered	OGILVY RIVER FARM PIT (MW-4)
DA62542-2FC	03/01/24	10:35 TT	03/01/24	AQ	Groundwater Filtered	OGILVY RIVER FARM PIT (MW-4)
DA62542-3	03/01/24	12:40 TT	03/01/24	AQ	Ground Water	BARNHARDT SAND AND GRAVEL PIT (MW-2)
DA62542-3F	03/01/24	12:40 TT	03/01/24	AQ	Groundwater Filtered	BARNHARDT SAND AND GRAVEL PIT (MW-2)
DA62542-3FC	03/01/24	12:40 TT	03/01/24	AQ	Groundwater Filtered	BARNHARDT SAND AND GRAVEL PIT (MW-2)
DA62542-4	03/01/24	12:30 TT	03/01/24	AQ	Ground Water	BARNHARDT SAND AND GRAVEL PIT (MW-3)
DA62542-4F	03/01/24	12:30 TT	03/01/24	AQ	Groundwater Filtered	BARNHARDT SAND AND GRAVEL PIT (MW-3)
DA62542-4FC	03/01/24	12:30 TT	03/01/24	AQ	Groundwater Filtered	BARNHARDT SAND AND GRAVEL PIT (MW-3)
DA62542-5	03/01/24	12:55 TT	03/01/24	AQ	Ground Water	SWEET VALLEY PIT (MW-1)



Sample Summary
(continued)

J&T Consulting

Job No: DA62542

Material Sites WQ Testing

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
DA62542-5F	03/01/24	12:55 TT	03/01/24	AQ	Groundwater Filtered	SWEET VALLEY PIT (MW-1)
DA62542-5FC	03/01/24	12:55 TT	03/01/24	AQ	Groundwater Filtered	SWEET VALLEY PIT (MW-1)
DA62542-6	03/01/24	13:10 TT	03/01/24	AQ	Ground Water	SWEET VALLEY PIT (MW-3)
DA62542-6F	03/01/24	13:10 TT	03/01/24	AQ	Groundwater Filtered	SWEET VALLEY PIT (MW-3)
DA62542-6FC	03/01/24	13:10 TT	03/01/24	AQ	Groundwater Filtered	SWEET VALLEY PIT (MW-3)

Summary of Hits

Job Number: DA62542
Account: J&T Consulting
Project: Material Sites WQ Testing
Collected: 03/01/24

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA62542-1 OGILVY RIVER FARM PIT (MW-1)

Fluoride	0.35	0.20		mg/l	SW846 9056A
Chloride	167	5.0		mg/l	SW846 9056A
Nitrogen, Nitrate	11.9	0.50		mg/l	SW846 9056A
Sulfate	443	25		mg/l	SW846 9056A
Nitrogen, Nitrate + Nitrite ^a	11.9	0.70		mg/l	SW846 9056A
Solids, Total Dissolved	1380	10		mg/l	SM 2540C-2011

DA62542-1F OGILVY RIVER FARM PIT (MW-1)

Barium	59.0	10		ug/l	SW846 6010C
Boron	253	50		ug/l	SW846 6010C
Manganese	119	5.0		ug/l	SW846 6010C
Uranium	52.4	50		ug/l	SW846 6010C

DA62542-1FC OGILVY RIVER FARM PIT (MW-1)

Lithium ^b	80.4	10		ug/l	SW846 6010C
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DA62542-2 OGILVY RIVER FARM PIT (MW-4)

Fluoride	0.21	0.20		mg/l	SW846 9056A
Chloride	89.6	5.0		mg/l	SW846 9056A
Nitrogen, Nitrate	11.7	0.50		mg/l	SW846 9056A
Sulfate	454	25		mg/l	SW846 9056A
Nitrogen, Nitrate + Nitrite ^a	11.7	0.51		mg/l	SW846 9056A
Solids, Total Dissolved	1170	10		mg/l	SM 2540C-2011

DA62542-2F OGILVY RIVER FARM PIT (MW-4)

Barium	24.2	10		ug/l	SW846 6010C
Boron	260	50		ug/l	SW846 6010C
Manganese	47.4	5.0		ug/l	SW846 6010C
Uranium	52.7	50		ug/l	SW846 6010C

DA62542-2FC OGILVY RIVER FARM PIT (MW-4)

Lithium ^b	36.7	10		ug/l	SW846 6010C
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DA62542-3 BARNHARDT SAND AND GRAVEL PIT (MW-2)

Fluoride	0.80	0.20		mg/l	SW846 9056A
Chloride	135	5.0		mg/l	SW846 9056A
Nitrogen, Nitrite	0.11	0.040		mg/l	SW846 9056A

Summary of Hits

Job Number: DA62542
Account: J&T Consulting
Project: Material Sites WQ Testing
Collected: 03/01/24

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Nitrogen, Nitrate		5.7	0.25		mg/l	SW846 9056A
Sulfate		320	13		mg/l	SW846 9056A
Nitrogen, Nitrate + Nitrite ^a		5.8	0.29		mg/l	SW846 9056A
Solids, Total Dissolved		888	10		mg/l	SM 2540C-2011
DA62542-3F BARNHARDT SAND AND GRAVEL PIT (MW-2)						
Barium		55.7	10		ug/l	SW846 6010C
Boron		206	50		ug/l	SW846 6010C
Manganese		322	5.0		ug/l	SW846 6010C
DA62542-3FC BARNHARDT SAND AND GRAVEL PIT (MW-2)						
Lithium ^b		18.9	10		ug/l	SW846 6010C
DA62542-4 BARNHARDT SAND AND GRAVEL PIT (MW-3)						
Fluoride		0.77	0.20		mg/l	SW846 9056A
Chloride		77.6	5.0		mg/l	SW846 9056A
Nitrogen, Nitrate		0.54	0.020		mg/l	SW846 9056A
Sulfate		237	5.0		mg/l	SW846 9056A
Nitrogen, Nitrate + Nitrite ^a		0.54	0.060		mg/l	SW846 9056A
Solids, Total Dissolved		655	10		mg/l	SM 2540C-2011
DA62542-4F BARNHARDT SAND AND GRAVEL PIT (MW-3)						
Barium		32.9	10		ug/l	SW846 6010C
Boron		202	50		ug/l	SW846 6010C
Manganese		582	5.0		ug/l	SW846 6010C
DA62542-4FC BARNHARDT SAND AND GRAVEL PIT (MW-3)						
Lithium ^b		10.5	10		ug/l	SW846 6010C
DA62542-5 SWEET VALLEY PIT (MW-1)						
Fluoride		1.2	0.20		mg/l	SW846 9056A
Chloride		151	5.0		mg/l	SW846 9056A
Nitrogen, Nitrate		3.4	0.10		mg/l	SW846 9056A
Sulfate		188	5.0		mg/l	SW846 9056A
Nitrogen, Nitrate + Nitrite ^a		3.4	0.14		mg/l	SW846 9056A
Solids, Total Dissolved		709	10		mg/l	SM 2540C-2011

Summary of Hits

Job Number: DA62542
Account: J&T Consulting
Project: Material Sites WQ Testing
Collected: 03/01/24

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA62542-5F SWEET VALLEY PIT (MW-1)

Barium	62.0	10		ug/l	SW846 6010C
Boron	209	50		ug/l	SW846 6010C

DA62542-5FC SWEET VALLEY PIT (MW-1)

Lithium ^b	22.4	10		ug/l	SW846 6010C
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DA62542-6 SWEET VALLEY PIT (MW-3)

Fluoride	0.86	0.20		mg/l	SW846 9056A
Chloride	165	5.0		mg/l	SW846 9056A
Nitrogen, Nitrate	4.0	0.10		mg/l	SW846 9056A
Sulfate	193	5.0		mg/l	SW846 9056A
Nitrogen, Nitrate + Nitrite ^a	4.0	0.14		mg/l	SW846 9056A
Solids, Total Dissolved	723	10		mg/l	SM 2540C-2011

DA62542-6F SWEET VALLEY PIT (MW-3)

Barium	51.3	10		ug/l	SW846 6010C
Boron	191	50		ug/l	SW846 6010C

DA62542-6FC SWEET VALLEY PIT (MW-3)

Lithium ^b	15.1	10		ug/l	SW846 6010C
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(a) Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)

(b) Analysis performed at SGS Scott, LA.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	OGILVY RIVER FARM PIT (MW-1)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-1	Date Received:	03/01/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
9056A							
Fluoride	0.35	0.20	mg/l	2	03/01/24 20:49	MB	SW846 9056A
Chloride	167	5.0	mg/l	10	03/01/24 21:03	MB	SW846 9056A
Nitrogen, Nitrite ^a	< 0.20	0.20	mg/l	50	03/02/24 16:32	MB	SW846 9056A
Nitrogen, Nitrate	11.9	0.50	mg/l	50	03/02/24 16:32	MB	SW846 9056A
Sulfate	443	25	mg/l	50	03/02/24 16:32	MB	SW846 9056A
9056A NO2 + NO3O							
Nitrogen, Nitrate + Nitrite ^b	11.9	0.70	mg/l	1	03/02/24 16:32	MB	SW846 9056A
Solids, Total Dissolved	1380	10	mg/l	1	03/04/24 07:00	JW	SM 2540C-2011

(a) Elevated detection limit due to matrix interference.
(b) Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)

RL = Reporting Limit

Report of Analysis

Client Sample ID: OGILVY RIVER FARM PIT (MW-1)**Lab Sample ID:** DA62542-1F**Matrix:** AQ - Groundwater Filtered**Date Sampled:** 03/01/24**Date Received:** 03/01/24**Percent Solids:** n/a**Project:** Material Sites WQ Testing

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 100	100	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Antimony	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Arsenic	< 25	25	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Barium	59.0	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Beryllium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Boron	253	50	ug/l	1	03/12/24	03/19/24	CDL SW846 6010C ³	SW846 3010A ⁴
Cadmium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Cobalt	< 5.0	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Iron	< 70	70	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Lead	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Manganese	119	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.10	0.10	ug/l	1	03/13/24	03/13/24	CDL SW846 7470A ¹	SW846 7470A ⁵
Molybdenum	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Nickel	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Selenium	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Silver	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Thallium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Uranium	52.4	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Vanadium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Zinc	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17745

(2) Instrument QC Batch: MA17751

(3) Instrument QC Batch: MA17763

(4) Prep QC Batch: MP39056

(5) Prep QC Batch: MP39057

RL = Reporting Limit

Report of Analysis

Client Sample ID:	OGILVY RIVER FARM PIT (MW-1)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-1FC	Date Received:	03/01/24
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lithium ^a	80.4	10	ug/l	1	03/07/24	03/08/24 ALA	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: L:MA27325
(2) Prep QC Batch: L:MP27849

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	OGILVY RIVER FARM PIT (MW-4)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-2	Date Received:	03/01/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
9056A							
Fluoride	0.21	0.20	mg/l	2	03/01/24 21:17	MB	SW846 9056A
Chloride	89.6	5.0	mg/l	10	03/01/24 21:31	MB	SW846 9056A
Nitrogen, Nitrite ^a	< 0.0080	0.0080	mg/l	2	03/01/24 21:17	MB	SW846 9056A
Nitrogen, Nitrate	11.7	0.50	mg/l	50	03/02/24 16:46	MB	SW846 9056A
Sulfate	454	25	mg/l	50	03/02/24 16:46	MB	SW846 9056A
9056A NO2 + NO3O							
Nitrogen, Nitrate + Nitrite ^b	11.7	0.51	mg/l	1	03/02/24 16:46	MB	SW846 9056A
Solids, Total Dissolved	1170	10	mg/l	1	03/04/24 07:00	JW	SM 2540C-2011

(a) Elevated detection limit due to matrix interference.
(b) Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)

RL = Reporting Limit

Report of Analysis

Client Sample ID: OGILVY RIVER FARM PIT (MW-4)**Lab Sample ID:** DA62542-2F**Matrix:** AQ - Groundwater Filtered**Date Sampled:** 03/01/24**Date Received:** 03/01/24**Percent Solids:** n/a**Project:** Material Sites WQ Testing

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 100	100	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Antimony	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Arsenic	< 25	25	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Barium	24.2	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Beryllium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Boron	260	50	ug/l	1	03/12/24	03/19/24	CDL SW846 6010C ³	SW846 3010A ⁴
Cadmium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Cobalt	< 5.0	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Iron	< 70	70	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Lead	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Manganese	47.4	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.10	0.10	ug/l	1	03/13/24	03/13/24	CDL SW846 7470A ¹	SW846 7470A ⁵
Molybdenum	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Nickel	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Selenium	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Silver	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Thallium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Uranium	52.7	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Vanadium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Zinc	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17745

(2) Instrument QC Batch: MA17751

(3) Instrument QC Batch: MA17763

(4) Prep QC Batch: MP39056

(5) Prep QC Batch: MP39057

RL = Reporting Limit

Report of Analysis

Client Sample ID:	OGILVY RIVER FARM PIT (MW-4)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-2FC	Date Received:	03/01/24
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lithium ^a	36.7	10	ug/l	1	03/07/24	03/08/24 ALA	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: L:MA27325
(2) Prep QC Batch: L:MP27849

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BARNHARDT SAND AND GRAVEL PIT (MW-2)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-3	Date Received:	03/01/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
9056A							
Fluoride	0.80	0.20	mg/l	2	03/01/24 21:45	MB	SW846 9056A
Chloride	135	5.0	mg/l	10	03/01/24 22:28	MB	SW846 9056A
Nitrogen, Nitrite	0.11	0.040	mg/l	10	03/01/24 22:28	MB	SW846 9056A
Nitrogen, Nitrate	5.7	0.25	mg/l	25	03/02/24 17:00	MB	SW846 9056A
Sulfate	320	13	mg/l	25	03/02/24 17:00	MB	SW846 9056A
9056A NO2 + NO3O							
Nitrogen, Nitrate + Nitrite ^a	5.8	0.29	mg/l	1	03/02/24 17:00	MB	SW846 9056A
Solids, Total Dissolved	888	10	mg/l	1	03/04/24 07:00	JW	SM 2540C-2011

(a) Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)

RL = Reporting Limit

Report of Analysis

Client Sample ID: BARNHARDT SAND AND GRAVEL PIT (MW-2)**Lab Sample ID:** DA62542-3F**Matrix:** AQ - Groundwater Filtered**Date Sampled:** 03/01/24**Date Received:** 03/01/24**Percent Solids:** n/a**Project:** Material Sites WQ Testing

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 100	100	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Antimony	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Arsenic	< 25	25	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Barium	55.7	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Beryllium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Boron	206	50	ug/l	1	03/12/24	03/19/24	CDL SW846 6010C ³	SW846 3010A ⁴
Cadmium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Cobalt	< 5.0	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Iron	< 70	70	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Lead	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Manganese	322	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.10	0.10	ug/l	1	03/13/24	03/13/24	CDL SW846 7470A ¹	SW846 7470A ⁵
Molybdenum	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Nickel	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Selenium	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Silver	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Thallium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Uranium	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Vanadium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Zinc	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17745

(2) Instrument QC Batch: MA17751

(3) Instrument QC Batch: MA17763

(4) Prep QC Batch: MP39056

(5) Prep QC Batch: MP39057

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BARNHARDT SAND AND GRAVEL PIT (MW-2)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-3FC	Date Received:	03/01/24
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lithium ^a	18.9	10	ug/l	1	03/07/24	03/08/24 ALA	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: L:MA27325
(2) Prep QC Batch: L:MP27849

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BARNHARDT SAND AND GRAVEL PIT (MW-3)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-4	Date Received:	03/01/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
9056A							
Fluoride	0.77	0.20	mg/l	2	03/01/24 22:42	MB	SW846 9056A
Chloride	77.6	5.0	mg/l	10	03/01/24 22:56	MB	SW846 9056A
Nitrogen, Nitrite ^a	< 0.040	0.040	mg/l	10	03/01/24 22:56	MB	SW846 9056A
Nitrogen, Nitrate	0.54	0.020	mg/l	2	03/01/24 22:42	MB	SW846 9056A
Sulfate	237	5.0	mg/l	10	03/01/24 22:56	MB	SW846 9056A
9056A NO2 + NO3O							
Nitrogen, Nitrate + Nitrite ^b	0.54	0.060	mg/l	1	03/01/24 22:56	MB	SW846 9056A
Solids, Total Dissolved	655	10	mg/l	1	03/04/24 07:00	JW	SM 2540C-2011

(a) Elevated detection limit due to matrix interference.
(b) Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)

RL = Reporting Limit

Report of Analysis

Client Sample ID: BARNHARDT SAND AND GRAVEL PIT (MW-3)**Lab Sample ID:** DA62542-4F**Date Sampled:** 03/01/24**Matrix:** AQ - Groundwater Filtered**Date Received:** 03/01/24**Percent Solids:** n/a**Project:** Material Sites WQ Testing**Dissolved Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 100	100	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Antimony	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Arsenic	< 25	25	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Barium	32.9	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Beryllium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Boron	202	50	ug/l	1	03/12/24	03/19/24	CDL SW846 6010C ³	SW846 3010A ⁴
Cadmium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Cobalt	< 5.0	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Iron	< 70	70	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Lead	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Manganese	582	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.10	0.10	ug/l	1	03/13/24	03/13/24	CDL SW846 7470A ¹	SW846 7470A ⁵
Molybdenum	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Nickel	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Selenium	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Silver	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Thallium ^a	< 15	15	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Uranium	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Vanadium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Zinc	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17745

(2) Instrument QC Batch: MA17751

(3) Instrument QC Batch: MA17763

(4) Prep QC Batch: MP39056

(5) Prep QC Batch: MP39057

(a) Elevated reporting limit due to matrix interference.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BARNHARDT SAND AND GRAVEL PIT (MW-3)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-4FC	Date Received:	03/01/24
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lithium ^a	10.5	10	ug/l	1	03/07/24	03/08/24 ALA	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: L:MA27325
(2) Prep QC Batch: L:MP27849

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SWEET VALLEY PIT (MW-1)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-5	Date Received:	03/01/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
9056A							
Fluoride	1.2	0.20	mg/l	2	03/01/24 23:10	MB	SW846 9056A
Chloride	151	5.0	mg/l	10	03/01/24 23:24	MB	SW846 9056A
Nitrogen, Nitrite ^a	< 0.040	0.040	mg/l	10	03/01/24 23:24	MB	SW846 9056A
Nitrogen, Nitrate	3.4	0.10	mg/l	10	03/01/24 23:24	MB	SW846 9056A
Sulfate	188	5.0	mg/l	10	03/01/24 23:24	MB	SW846 9056A
9056A NO2 + NO3O							
Nitrogen, Nitrate + Nitrite ^b	3.4	0.14	mg/l	1	03/01/24 23:24	MB	SW846 9056A
Solids, Total Dissolved	709	10	mg/l	1	03/04/24 07:00	JW	SM 2540C-2011

(a) Elevated detection limit due to matrix interference.
 (b) Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)

RL = Reporting Limit

Report of Analysis

Client Sample ID: SWEET VALLEY PIT (MW-1)**Lab Sample ID:** DA62542-5F**Date Sampled:** 03/01/24**Matrix:** AQ - Groundwater Filtered**Date Received:** 03/01/24**Percent Solids:** n/a**Project:** Material Sites WQ Testing**Dissolved Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 100	100	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Antimony	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Arsenic	< 25	25	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Barium	62.0	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Beryllium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Boron	209	50	ug/l	1	03/12/24	03/19/24	CDL SW846 6010C ³	SW846 3010A ⁴
Cadmium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Cobalt	< 5.0	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Iron	< 70	70	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Lead	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Manganese	< 5.0	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.10	0.10	ug/l	1	03/13/24	03/13/24	CDL SW846 7470A ¹	SW846 7470A ⁵
Molybdenum	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Nickel	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Selenium	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Silver	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Thallium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Uranium	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Vanadium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Zinc	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17745

(2) Instrument QC Batch: MA17751

(3) Instrument QC Batch: MA17763

(4) Prep QC Batch: MP39056

(5) Prep QC Batch: MP39057

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SWEET VALLEY PIT (MW-1)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-5FC	Date Received:	03/01/24
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lithium ^a	22.4	10	ug/l	1	03/07/24	03/08/24 ALA	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: L:MA27325
(2) Prep QC Batch: L:MP27849

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SWEET VALLEY PIT (MW-3)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-6	Date Received:	03/01/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
9056A							
Fluoride	0.86	0.20	mg/l	2	03/01/24 23:38	MB	SW846 9056A
Chloride	165	5.0	mg/l	10	03/01/24 23:52	MB	SW846 9056A
Nitrogen, Nitrite ^a	< 0.040	0.040	mg/l	10	03/01/24 23:52	MB	SW846 9056A
Nitrogen, Nitrate	4.0	0.10	mg/l	10	03/01/24 23:52	MB	SW846 9056A
Sulfate	193	5.0	mg/l	10	03/01/24 23:52	MB	SW846 9056A
9056A NO2 + NO3O							
Nitrogen, Nitrate + Nitrite ^b	4.0	0.14	mg/l	1	03/01/24 23:52	MB	SW846 9056A
Solids, Total Dissolved	723	10	mg/l	1	03/04/24 07:00	JW	SM 2540C-2011

(a) Elevated detection limit due to matrix interference.
(b) Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)

RL = Reporting Limit

Report of Analysis

Client Sample ID: SWEET VALLEY PIT (MW-3)**Lab Sample ID:** DA62542-6F**Matrix:** AQ - Groundwater Filtered**Date Sampled:** 03/01/24**Date Received:** 03/01/24**Percent Solids:** n/a**Project:** Material Sites WQ Testing

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 100	100	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Antimony	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Arsenic	< 25	25	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Barium	51.3	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Beryllium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Boron	191	50	ug/l	1	03/12/24	03/19/24	CDL SW846 6010C ³	SW846 3010A ⁴
Cadmium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Cobalt	< 5.0	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Iron	< 70	70	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Lead	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Manganese	< 5.0	5.0	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.10	0.10	ug/l	1	03/13/24	03/13/24	CDL SW846 7470A ¹	SW846 7470A ⁵
Molybdenum	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Nickel	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Selenium	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Silver	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Thallium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Uranium	< 50	50	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Vanadium	< 10	10	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴
Zinc	< 30	30	ug/l	1	03/12/24	03/14/24	CDL SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17745

(2) Instrument QC Batch: MA17751

(3) Instrument QC Batch: MA17763

(4) Prep QC Batch: MP39056

(5) Prep QC Batch: MP39057

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SWEET VALLEY PIT (MW-3)	Date Sampled:	03/01/24
Lab Sample ID:	DA62542-6FC	Date Received:	03/01/24
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	Material Sites WQ Testing		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lithium ^a	15.1	10	ug/l	1	03/07/24	03/08/24 ALA	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: L:MA27325
(2) Prep QC Batch: L:MP27849

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

[illegible]

FORM: EHSA-QAC-0027-02-FORM-Wheat Ridge - COC: RV 12/29/22

DA62542: Chain of Custody

Page 1 of 2

SGS Sample Receipt Summary

Job Number: da62542

Client: J&T

Project: MATERIAL SITES

Date / Time Received: 3/1/2024 2:50:00 PM

Delivery Method: hd

Airbill #s: _____

Cooler Temps (Raw Measured) °C: Cooler 1: (4.9);

Cooler Temps (Corrected) °C: Cooler 1: (4.9);

Cooler Information

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | ☒ | ☐ |
| 2. Custody Seals Intact: | ☒ | ☐ |
| 3. Temp criteria achieved: | ☒ | ☐ |
| 4. Cooler temp verification: | | IR Gun |
| 5. Cooler media: | | Ice (Bag) |

Trip Blank Information

Y or N N/A

- | | | | |
|---------------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | ☐ | ☐ | ☒ |
| 2. Trip Blank listed on COC: | ☐ | ☐ | ☒ |

W or S N/A

- | | | | |
|------------------------|--------------------------|--------------------------|--------------------------|
| 3. Type of TB Received | ☐ | ☐ | ☐ |
|------------------------|--------------------------|--------------------------|--------------------------|

Sample Information

Y or N N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Sample labels present on bottles: | ☒ | ☐ | |
| 2. Samples presented properly | ☒ | ☐ | |
| 3. Sufficient volume/containers recv'd for analysis | ☒ | ☐ | |
| 4. Condition of sample: | | Intact | |
| 5. Sample recv'd within HT | ☒ | ☐ | |
| 6. Dates/Times/IDs on COC match sample label | ☐ | ☐ | |
| 7. VOCs have headspace | ☐ | ☐ | ☒ |
| 8. Bottles received for unspecified tests | ☐ | ☒ | |
| 9. Compositing instructions clear | ☐ | ☐ | ☒ |
| 10. Voa Soil Kits/Jars received past 48hrs? | ☐ | ☐ | ☐ |
| 11. % Solids Jar Received? | ☐ | ☐ | ☐ |
| 12. Residual Chlorine Present? | ☐ | ☐ | ☐ |

Misc Information

Number of Encores: 25 Gram

5 Gram

Number of Lab Filtered Metals:

Test Strip Lot #: pH 0-3: _____

pH 10-12: _____ Other: (Specify) _____

Residual Chlorine Test Strip Lot # _____

Comments

SM001

Rev. Date 05/04/17

Technician: JEREMYD

Date: 3/1/2024 2:54:44 PM

Reviewer: _____

Date: _____

DA62542: Chain of Custody

Page 2 of 2

Metals Analysis

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

QC Batch ID: MP39056
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/12/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	100	46	15	1.4	<100
Antimony	30	14	6.8	-9.9	<30
Arsenic	25	22	4.6	3.1	<25
Barium	10	.3	1.3	-0.10	<10
Beryllium	10	1	1.3	0.0	<10
Boron	50	3.3	6.3	-3.9	<50
Cadmium	10	1.9	1.3	-0.10	<10
Calcium	400	6.6	50		
Chromium	10	1.1	1.3	0.10	<10
Cobalt	5.0	2.7	.63	0.30	<5.0
Copper	10	4.6	1.3	-1.4	<10
Iron	70	8.9	12	0.30	<70
Lead	50	13	6.3	4.2	<50
Lithium	5.0	.6	1.3		
Magnesium	200	50	25		
Manganese	5.0	.5	.63	0.50	<5.0
Molybdenum	10	8.5	2.8	-0.10	<10
Nickel	30	6.2	3.8	0.40	<30
Phosphorus	100	91	16		
Potassium	1000	84	130		
Selenium	50	30	22	20.5	<50
Silicon	200	41	150		
Silver	30	.6	3.8	-0.10	<30
Sodium	400	13	50		
Strontium	5.0	.1	.63		
Thallium	10	17	4.3	2.1	<10
Tin	60	41	51		
Titanium	10	.5	1.3		
Uranium	50	3.9	8.5	-5.4	<50
Vanadium	10	.9	1.3	-0.10	<10
Zinc	30	9	3.8	9.9	<30

Associated samples MP39056: DA62542-1F, DA62542-2F, DA62542-3F, DA62542-4F, DA62542-5F, DA62542-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

QC Batch ID: MP39056
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/12/24

Metal	RL	IDL	MDL	MB raw	final
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(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

QC Batch ID: MP39056
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/12/24

Metal	DA61679-1F Original MS		SpikeLot ICPALL5	% Rec	QC Limits
Aluminum	0.00	1010	1000	101.0	75-125
Antimony	0.0	98.1	100	98.1	75-125
Arsenic	0.0	211	200	105.5	75-125
Barium	0.0	414	400	103.5	75-125
Beryllium	0.0	105	100	105.0	75-125
Boron	0.0	409	400	102.5	75-125
Cadmium	0.0	102	100	102.0	75-125
Calcium					
Chromium	0.0	105	100	105.0	75-125
Cobalt	0.0	104	100	104.0	75-125
Copper	0.0	105	100	105.0	75-125
Iron	15.6	1040	1000	102.4	75-125
Lead	0.0	201	200	100.5	75-125
Lithium					
Magnesium					
Manganese	0.80	210	200	104.5	75-125
Molybdenum	0.0	102	100	102.0	75-125
Nickel	0.0	101	100	101.0	75-125
Phosphorus					
Potassium					
Selenium	0.0	215	200	107.5	75-125
Silicon					
Silver	0.0	41.6	40	104.0	75-125
Sodium	anr				
Strontium					
Thallium	0.0	199	200	99.5	75-125
Tin					
Titanium					
Uranium	0.0	209	200	104.5	75-125
Vanadium	0.0	104	100	104.0	75-125
Zinc	15.8	125	100	109.2	75-125

Associated samples MP39056: DA62542-1F, DA62542-2F, DA62542-3F, DA62542-4F, DA62542-5F, DA62542-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

QC Batch ID: MP39056
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/12/24

Metal	DA61679-1F Original MS	SpikeLot ICPALL5	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

5.1.2
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

QC Batch ID: MP39056
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/12/24

Metal	DA61679-1F Original	MSD	SpikeLot ICPALL5	% Rec	MSD RPD	QC Limit
Aluminum	0.00	1020	1000	102.0	1.0	20
Antimony	0.0	106	100	106.0	7.7	20
Arsenic	0.0	218	200	109.0	3.3	20
Barium	0.0	415	400	103.8	0.2	20
Beryllium	0.0	106	100	106.0	0.9	20
Boron	0.0	413	400	103.5	1.0	20
Cadmium	0.0	104	100	104.0	1.9	20
Calcium						
Chromium	0.0	107	100	107.0	1.9	20
Cobalt	0.0	106	100	106.0	1.9	20
Copper	0.0	107	100	107.0	1.9	20
Iron	15.6	1060	1000	104.4	1.9	20
Lead	0.0	206	200	103.0	2.5	20
Lithium						
Magnesium						
Manganese	0.80	211	200	105.0	0.5	20
Molybdenum	0.0	107	100	107.0	4.8	20
Nickel	0.0	101	100	101.0	0.0	20
Phosphorus						
Potassium						
Selenium	0.0	218	200	109.0	1.4	20
Silicon						
Silver	0.0	41.8	40	104.5	0.5	20
Sodium	anr					
Strontium						
Thallium	0.0	195	200	97.5	2.0	20
Tin						
Titanium						
Uranium	0.0	218	200	109.0	4.2	20
Vanadium	0.0	106	100	106.0	1.9	20
Zinc	15.8	111	100	95.2	11.9	20

Associated samples MP39056: DA62542-1F, DA62542-2F, DA62542-3F, DA62542-4F, DA62542-5F, DA62542-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

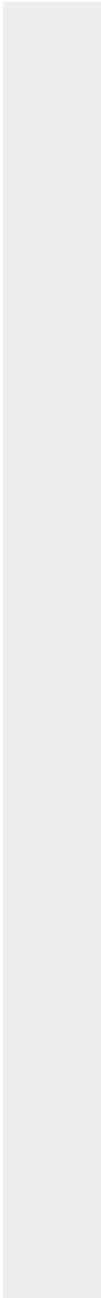
QC Batch ID: MP39056
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/12/24

Metal	DA61679-1F Original MSD	SpikeLot ICPALL5 % Rec	MSD RPD	QC Limit
-------	----------------------------	---------------------------	------------	-------------

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested



5.1.2
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

QC Batch ID: MP39056
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/12/24

Metal	BSP Result	SpikeLot ICPALL5	% Rec	QC Limits
Aluminum	995	1000	99.5	80-120
Antimony	102	100	102.0	80-120
Arsenic	220	200	110.0	80-120
Barium	415	400	103.8	80-120
Beryllium	106	100	106.0	80-120
Boron	407	400	102.0	80-120
Cadmium	104	100	104.0	80-120
Calcium				
Chromium	105	100	105.0	80-120
Cobalt	106	100	106.0	80-120
Copper	106	100	106.0	80-120
Iron	1040	1000	104.0	80-120
Lead	209	200	104.5	80-120
Lithium				
Magnesium				
Manganese	213	200	106.5	80-120
Molybdenum	104	100	104.0	80-120
Nickel	101	100	101.0	80-120
Phosphorus				
Potassium				
Selenium	219	200	109.5	80-120
Silicon				
Silver	41.5	40	103.8	80-120
Sodium	anr			
Strontium				
Thallium	203	200	101.5	80-120
Tin				
Titanium				
Uranium	209	200	104.5	80-120
Vanadium	106	100	106.0	80-120
Zinc	109	100	109.0	80-120

Associated samples MP39056: DA62542-1F, DA62542-2F, DA62542-3F, DA62542-4F, DA62542-5F, DA62542-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

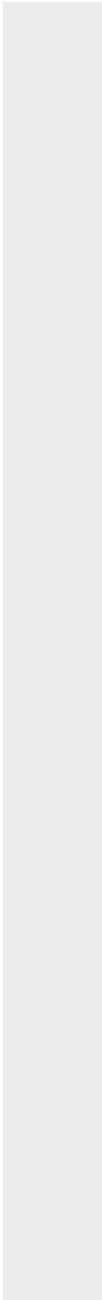
QC Batch ID: MP39056
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/12/24

Metal	BSP Result	SpikeLot ICPALL5	% Rec	QC Limits
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(anr) Analyte not requested



5.1.3
5

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

QC Batch ID: MP39056
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/12/24

Metal	DA61679-1F Original	SDL 1:5	%DIF	QC Limits
Aluminum	0.00	0.00	NC	0-10
Antimony	0.00	0.00	NC	0-10
Arsenic	0.00	0.00	NC	0-10
Barium	0.00	0.00	NC	0-10
Beryllium	0.00	0.00	NC	0-10
Boron	0.00	0.00	NC	0-10
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	0.00	0.00	NC	0-10
Cobalt	0.00	0.00	NC	0-10
Copper	0.00	0.00	NC	0-10
Iron	15.6	0.00	23.7 (a)	0-10
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium				
Manganese	0.800	0.00	100.0(a)	0-10
Molybdenum	0.00	0.00	NC	0-10
Nickel	0.00	0.00	NC	0-10
Phosphorus				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium	anr			
Strontium				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Uranium	0.00	0.00	NC	0-10
Vanadium	0.00	0.00	NC	0-10
Zinc	15.8	0.00	10.1 (a)	0-10

Associated samples MP39056: DA62542-1F, DA62542-2F, DA62542-3F, DA62542-4F, DA62542-5F, DA62542-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

QC Batch ID: MP39056
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/12/24

Metal	DA61679-1F Original SDL 1:5	%DIF	QC Limits
-------	--------------------------------	------	--------------

(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

QC Batch ID: MP39057
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/13/24

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	0.0087	<0.10

Associated samples MP39057: DA62542-1F, DA62542-2F, DA62542-3F, DA62542-4F, DA62542-5F, DA62542-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA62542
 Account: JTCOCOW - J&T Consulting
 Project: Material Sites WQ Testing

QC Batch ID: MP39057
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 03/13/24

Metal	DA62542-4F		SpikeLot		QC
	Original	MS	HGWSR1	% Rec	Limits
Mercury	0.0	1.1	1	110.0	75-125

Associated samples MP39057: DA62542-1F, DA62542-2F, DA62542-3F, DA62542-4F, DA62542-5F, DA62542-6F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA62542
 Account: JTCOCOW - J&T Consulting
 Project: Material Sites WQ Testing

QC Batch ID: MP39057
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 03/13/24

Metal	DA62542-4F Original	MSD	SpikeLot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.0	1.1	1	110.0	0.0	20

Associated samples MP39057: DA62542-1F, DA62542-2F, DA62542-3F, DA62542-4F, DA62542-5F, DA62542-6F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

QC Batch ID: MP39057
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/13/24

Metal	BSP Result	SpikeLot HGWSR1	% Rec	QC Limits
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Mercury 1.0 1 100.0 80-120

Associated samples MP39057: DA62542-1F, DA62542-2F, DA62542-3F, DA62542-4F, DA62542-5F, DA62542-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

5.2.3
5

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Bromide	GP36124/GN62778	0.050	0.0	mg/l	0.5	0.474	94.8	90-110%
Chloride	GP36124/GN62778	0.50	0.0	mg/l	5	4.71	94.2	90-110%
Fluoride	GP36124/GN62778	0.10	0.0	mg/l	1	0.951	95.1	90-110%
Nitrogen, Nitrate	GP36124/GN62778	0.010	0.0	mg/l	0.1	0.0923	92.3	90-110%
Nitrogen, Nitrate	GP36126/GN62780	0.010	0.0	mg/l	0.1	0.0985	98.5	90-110%
Nitrogen, Nitrite	GP36124/GN62778	0.0040	0.0	mg/l	0.05	0.0508	101.6	90-110%
Nitrogen, Nitrite	GP36126/GN62780	0.0040	0.0	mg/l	0.05	0.0525	105.0	90-110%
Solids, Total Dissolved	GN62770	10	0.0	mg/l	250	241	96.4	90-110%
Sulfate	GP36124/GN62778	0.50	0.0	mg/l	5	4.75	95.0	90-110%

Associated Samples:

Batch GN62770: DA62542-1, DA62542-2, DA62542-3, DA62542-4, DA62542-5, DA62542-6

Batch GP36124: DA62542-1, DA62542-2, DA62542-3, DA62542-4, DA62542-5, DA62542-6

Batch GP36126: DA62542-1, DA62542-2, DA62542-3

(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Solids, Total Dissolved	GN62770	DA62542-6	mg/l	723	748	3.4	0-5.44%

Associated Samples:

Batch GN62770: DA62542-1, DA62542-2, DA62542-3, DA62542-4, DA62542-5, DA62542-6
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Bromide	GP36124/GN62778	DA62422-1	mg/l	0.0	12.5	12.0	96.0	80-120%
Chloride	GP36124/GN62778	DA62422-1	mg/l	302	125	416	91.2	80-120%
Fluoride	GP36124/GN62778	DA62422-1	mg/l	0.0	25	24.5	98.0	80-120%
Nitrogen, Nitrate	GP36124/GN62778	DA62422-1	mg/l	1.7	2.5	3.9	88.0	80-120%
Nitrogen, Nitrate	GP36126/GN62780	DA62560-6	mg/l	2.4	2.5	4.8	96.0	80-120%
Nitrogen, Nitrite	GP36124/GN62778	DA62422-1	mg/l	0.0	1.25	1.0	80.0	80-120%
Nitrogen, Nitrite	GP36126/GN62780	DA62560-6	mg/l	0.25	1.25	1.4	92.0	80-120%
Sulfate	GP36124/GN62778	DA62422-1	mg/l	287	125	405	94.4	80-120%

Associated Samples:

Batch GP36124: DA62542-1, DA62542-2, DA62542-3, DA62542-4, DA62542-5, DA62542-6

Batch GP36126: DA62542-1, DA62542-2, DA62542-3

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA62542
Account: JTCOCOW - J&T Consulting
Project: Material Sites WQ Testing

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Bromide	GP36124/GN62778	DA62422-1	mg/l	0.0	12.5	12.1	0.8	20%
Chloride	GP36124/GN62778	DA62422-1	mg/l	302	125	418	0.5	20%
Fluoride	GP36124/GN62778	DA62422-1	mg/l	0.0	25	24.8	1.2	20%
Nitrogen, Nitrate	GP36124/GN62778	DA62422-1	mg/l	1.7	2.5	4.0	2.5	20%
Nitrogen, Nitrate	GP36126/GN62780	DA62560-6	mg/l	2.4	2.5	4.7	2.1	20%
Nitrogen, Nitrite	GP36124/GN62778	DA62422-1	mg/l	0.0	1.25	1.0	0.0	20%
Nitrogen, Nitrite	GP36126/GN62780	DA62560-6	mg/l	0.25	1.25	1.4	0.0	20%
Sulfate	GP36124/GN62778	DA62422-1	mg/l	287	125	407	0.5	20%

Associated Samples:

Batch GP36124: DA62542-1, DA62542-2, DA62542-3, DA62542-4, DA62542-5, DA62542-6

Batch GP36126: DA62542-1, DA62542-2, DA62542-3

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Scott, LA)

Includes the following where applicable:

- Chain of Custody

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

[illegible]

DA62542: Chain of Custody

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SGS Scott, LA

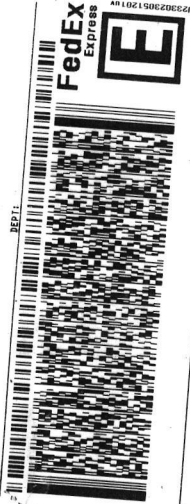
ORIGIN ID: DENA (303) 425-6021
SHIP DATE: 04MAR24
SHIP TIME: 10:30A
SHIP WEIGHT: 50.00 LB TAN
SHIP CODE: 0659493/CAFE3755

BILL SENDER

TO SAMPLE RECEIVING
ACCUTEST LOUISIANA
500 AMBASSADOR CAFFERY DRIVE

SCOTT LA 70583

INV# 0201 REF#



TRK# 6466 4897 7174
0201

TUE - 05 MAR 10:30A
PRIORITY OVERNIGHT

XH LFTA

70583
LA-US LFT



Part # J55148-494 NTW EXP 04/23

SGS Sample Receipt Summary

Job Number: da62542

Client: SGS NORTH AMERICA

Project: MATERIALS SITE WQ TESTING

Date / Time Received: 3/5/2024 9:15:00 AM

Delivery Method: FEDEX

Airbill #'s: 646648977174

Cooler Temps (Raw Measured) °C: Cooler 1: (3.6);

Cooler Temps (Corrected) °C: Cooler 1: (3.6);

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | ☒ | ☐ | 3. COC Present: | ☒ | ☐ |
| 2. Custody Seals Intact: | ☒ | ☐ | 4. Smpl Dates/Time OK | ☒ | ☐ |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | ☒ | ☐ |
| 2. Cooler temp verification: | | |
| 3. Cooler media: | Ice (direct contact) | |
| 4. No. Coolers: | 1 | |

Quality Control Preservation

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | ☐ | ☐ | ☒ |
| 2. Trip Blank listed on COC: | ☐ | ☐ | ☒ |
| 3. Samples preserved properly: | ☒ | ☐ | |
| 4. VOCs headspace free: | ☐ | ☐ | ☒ |

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | ☒ | ☐ |
| 2. Container labeling complete: | ☒ | ☐ |
| 3. Sample container label / COC agree: | ☒ | ☐ |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | ☒ | ☐ |
| 2. All containers accounted for: | ☒ | ☐ |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N

N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | ☒ | ☐ | |
| 2. Bottles received for unspecified tests | ☐ | ☒ | |
| 3. Sufficient volume recvd for analysis: | ☒ | ☐ | |
| 4. Compositing instructions clear: | ☐ | ☐ | ☒ |
| 5. Filtering instructions clear: | ☐ | ☐ | ☒ |

Test Strip Lot #s: pH 1-12: pH 12+: Other: (Specify)

Comments NP metals (6-250ml bottles) expired upon receipt. Samples taken 3/1/2024 between 10:13-13:10

SM089-03
Rev. Date 12/7/17

DA62542: Chain of Custody

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Metals Analysis

QC Data Summaries

(SGS Scott, LA)

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA62542
Account: ALMS - SGS Wheat Ridge, CO
Project: JTCOCOW: Material Sites WQ Testing

QC Batch ID: MP27849
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/07/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	100	13	25		
Antimony	6.0	2	3.6		
Arsenic	10	2.4	8.6		
Barium	10	.36	1.7		
Beryllium	4.0	.06	.9		
Boron	100	.72	42		
Cadmium	5.0	.14	.9		
Calcium	100	3.8	32		
Chromium	10	.39	1.2		
Cobalt	10	.26	1.1		
Copper	10	.77	2.8		
Iron	100	2.9	18		
Lead	10	1.4	3.7		
Lithium	10	2.4	4.3	1.5	<10
Magnesium	100	22	40		
Manganese	10	.11	.9		
Molybdenum	10	.16	1.7		
Nickel	10	.29	1.5		
Potassium	500	50	120		
Selenium	10	1.5	4.3		
Silver	10	.57	3.7		
Sodium	500	20	120		
Strontium	10	.1	3		
Thallium	10	1.5	4.6		
Tin	10	.74	1.7		
Titanium	10	.41	.8		
Vanadium	10	.39	1.5		
Zinc	20	.18	12		

Associated samples MP27849: DA62542-1FC, DA62542-2FC, DA62542-3FC, DA62542-4FC, DA62542-5FC, DA62542-6FC

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA62542
 Account: ALMS - SGS Wheat Ridge, CO
 Project: JTCOCOW: Material Sites WQ Testing

QC Batch ID: MP27849
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 03/07/24

Metal	LA98821-13 Original MS	SpikeLot ICPSPIKE1% Rec	QC Limits
Aluminum			
Antimony	anr		
Arsenic	anr		
Barium	anr		
Beryllium			
Boron			
Cadmium	anr		
Calcium			
Chromium	anr		
Cobalt	anr		
Copper	anr		
Iron	anr		
Lead	anr		
Lithium	0.0	1740	2000
Magnesium			87.0
Manganese	anr		75-125
Molybdenum			
Nickel	anr		
Potassium			
Selenium	anr		
Silver	anr		
Sodium			
Strontium			
Thallium			
Tin	anr		
Titanium			
Vanadium			
Zinc	anr		

Associated samples MP27849: DA62542-1FC, DA62542-2FC, DA62542-3FC, DA62542-4FC, DA62542-5FC, DA62542-6FC

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA62542
 Account: ALMS - SGS Wheat Ridge, CO
 Project: JTCOCOW: Material Sites WQ Testing

QC Batch ID: MP27849
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 03/07/24

Metal	LA98821-13 Original MSD	SpikeLot ICPSPIKE1% Rec	MSD RPD	QC Limit
Aluminum				
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium				
Boron				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	anr			
Lithium	0.0	1740	2000	87.0
Magnesium				
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Strontium				
Thallium				
Tin	anr			
Titanium				
Vanadium				
Zinc	anr			

Associated samples MP27849: DA62542-1FC, DA62542-2FC, DA62542-3FC, DA62542-4FC, DA62542-5FC, DA62542-6FC

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

Login Number: DA62542
Account: ALMS - SGS Wheat Ridge, CO
Project: JTCOCOW: Material Sites WQ Testing

Prep Date: 03/07/24

Metal	BSP Result	Spikelot ICPSP	lot 1% Rec	QC Limits
Aluminum				
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium				
Boron				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	anr			
Lithium	915	1000	91.5	80-120
Magnesium				
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Strontium				
Thallium				
Tin	anr			
Titanium				
Vanadium				
Zinc	anr			

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA62542
 Account: ALMS - SGS Wheat Ridge, CO
 Project: JTCOCOW: Material Sites WQ Testing

QC Batch ID: MP27849
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 03/07/24

Metal	LA98821-13 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium				
Boron				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	anr			
Lithium	0.00	13.2	NC	0-10
Magnesium				
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Strontium				
Thallium				
Tin	anr			
Titanium				
Vanadium				
Zinc	anr			

Associated samples MP27849: DA62542-1FC, DA62542-2FC, DA62542-3FC, DA62542-4FC, DA62542-5FC, DA62542-6FC

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.1.4
8

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Stewart Environmental

Ogilvy River

SGS Job Number: DA65417

Sampling Dates: 06/26/24 - 06/27/24

Report to:

Stewart Environmental Consultants
3801 Automation Way Suite 200
Fort Collins, CO 80525
dave.stewart@stewartenv.com

ATTN: Dave Stewart

Total number of pages in report: 56



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.



Eric Hoffman

Client Service contact: Parna Payandeh 303-425-6021

Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

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Test results relate only to samples analyzed.

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Sample Summary

Stewart Environmental
Ogilvy River

Job No: DA65417

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
DA65417-1	06/27/24	13:00	07/02/24	AQ	Water	MW-1
DA65417-1F	06/27/24	13:00	07/02/24	AQ	Water Filtered	MW-1
DA65417-2	06/27/24	15:30	07/02/24	AQ	Water	MW-2
DA65417-2F	06/27/24	15:30	07/02/24	AQ	Water Filtered	MW-2
DA65417-3	06/26/24	16:30	07/02/24	AQ	Water	MW-3
DA65417-3F	06/26/24	16:30	07/02/24	AQ	Water Filtered	MW-3
DA65417-4	06/27/24	16:40	07/02/24	AQ	Water	MW-4
DA65417-4F	06/27/24	16:40	07/02/24	AQ	Water Filtered	MW-4

Summary of Hits

Page 1 of 2

Job Number: DA65417
Account: Stewart Environmental
Project: Ogilvy River
Collected: 06/26/24 thru 06/27/24

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA65417-1 MW-1

Fluoride	0.73	0.20		mg/l	EPA 300.0
Chloride	70.0	13		mg/l	EPA 300.0
Sulfate	349	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	2.3	0.10		mg/l	EPA 353.2/LACHAT
Nitrogen, Total Kjeldahl	1.0	0.20		mg/l	EPA 351.2
Solids, Total Dissolved	812	10		mg/l	SM 2540C-2011

DA65417-1F MW-1

Arsenic	1.1	0.20		ug/l	EPA 200.8
Barium	27.3	2.0		ug/l	EPA 200.8
Boron	236	40		ug/l	EPA 200.8
Cobalt	0.34	0.20		ug/l	EPA 200.8
Copper	2.2	2.0		ug/l	EPA 200.8
Lithium	69.3	10		ug/l	EPA 200.7
Manganese	48.6	1.0		ug/l	EPA 200.8
Molybdenum	10.9	1.0		ug/l	EPA 200.8
Nickel	2.2	2.0		ug/l	EPA 200.8
Selenium	1.7	0.40		ug/l	EPA 200.8
Uranium	116	0.20		ug/l	EPA 200.8

DA65417-2 MW-2

Fluoride	0.75	0.20		mg/l	EPA 300.0
Chloride	77.5	25		mg/l	EPA 300.0
Sulfate	758	25		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	9.5	0.30		mg/l	EPA 353.2/LACHAT
Nitrogen, Total Kjeldahl	0.41	0.20		mg/l	EPA 351.2
Solids, Total Dissolved	1520	10		mg/l	SM 2540C-2011

DA65417-2F MW-2

Arsenic	0.77	0.20		ug/l	EPA 200.8
Barium	48.3	2.0		ug/l	EPA 200.8
Boron	303	40		ug/l	EPA 200.8
Cobalt	0.46	0.20		ug/l	EPA 200.8
Copper	2.1	2.0		ug/l	EPA 200.8
Iron	159	20		ug/l	EPA 200.8
Lithium	112	10		ug/l	EPA 200.7
Manganese	175	1.0		ug/l	EPA 200.8
Molybdenum	16.6	1.0		ug/l	EPA 200.8
Selenium	4.7	0.40		ug/l	EPA 200.8
Uranium	85.0	0.20		ug/l	EPA 200.8

Summary of Hits

Job Number: DA65417
Account: Stewart Environmental
Project: Ogilvy River
Collected: 06/26/24 thru 06/27/24

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA65417-3 MW-3

Fluoride	0.42	0.20			mg/l	EPA 300.0
Chloride	91.4	13			mg/l	EPA 300.0
Sulfate	515	13			mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	10	0.30			mg/l	EPA 353.2/LACHAT
Nitrogen, Total Kjeldahl	0.70	0.20			mg/l	EPA 351.2
Solids, Total Dissolved	1120	10			mg/l	SM 2540C-2011

DA65417-3F MW-3

Arsenic	0.28	0.20			ug/l	EPA 200.8
Barium	24.1	2.0			ug/l	EPA 200.8
Boron	239	40			ug/l	EPA 200.8
Cobalt	0.45	0.20			ug/l	EPA 200.8
Lithium	54.3	10			ug/l	EPA 200.7
Manganese	38.5	1.0			ug/l	EPA 200.8
Molybdenum	1.6	1.0			ug/l	EPA 200.8
Selenium	0.58	0.40			ug/l	EPA 200.8
Uranium	50.9	0.20			ug/l	EPA 200.8

DA65417-4 MW-4

Fluoride	0.25	0.20			mg/l	EPA 300.0
Chloride	93.8	13			mg/l	EPA 300.0
Sulfate	501	13			mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	10.9	0.30			mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	1100	10			mg/l	SM 2540C-2011

DA65417-4F MW-4

Arsenic	0.27	0.20			ug/l	EPA 200.8
Barium	23.6	2.0			ug/l	EPA 200.8
Boron	261	40			ug/l	EPA 200.8
Cobalt	0.27	0.20			ug/l	EPA 200.8
Lithium	36.7	10			ug/l	EPA 200.7
Manganese	53.6	1.0			ug/l	EPA 200.8
Molybdenum	1.3	1.0			ug/l	EPA 200.8
Uranium	52.3	0.20			ug/l	EPA 200.8

(a) Analysis performed at SGS Dayton, NJ.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: MW-1
Lab Sample ID: DA65417-1
Matrix: AQ - Water
Project: Ogilvy River

Date Sampled: 06/27/24
Date Received: 07/02/24
Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.73	0.20	mg/l	2	07/05/24 12:10	CS	EPA 300.0
Chloride	70.0	13	mg/l	25	07/05/24 14:15	CS	EPA 300.0
Sulfate	349	13	mg/l	25	07/05/24 14:15	CS	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	2.3	0.10	mg/l	1	07/17/24 15:38	ANJ	EPA 353.2/LACHAT
Nitrogen, Total Kjeldahl	1.0	0.20	mg/l	1	07/05/24 16:23	KH	EPA 351.2
Solids, Total Dissolved	812	10	mg/l	1	07/03/24 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-1

Lab Sample ID: DA65417-1F

Matrix: AQ - Water Filtered

Project: Ogilvy River

Date Sampled: 06/27/24

Date Received: 07/02/24

Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By		Method	Prep Method
Aluminum ^a	< 250	250	ug/l	5	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Antimony	< 0.40	0.40	ug/l	1	07/10/24	07/15/24	DU	EPA 200.8 ³	EPA 200.8 ⁶
Arsenic	1.1	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Barium	27.3	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Beryllium	< 0.20	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Boron	236	40	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Cadmium	< 0.10	0.10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Chromium ^a	< 10	10	ug/l	5	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Cobalt	0.34	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Copper	2.2	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Iron	< 20	20	ug/l	1	07/10/24	07/15/24	DU	EPA 200.8 ³	EPA 200.8 ⁶
Lead	< 0.50	0.50	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Lithium	69.3	10	ug/l	1	07/10/24	07/16/24	CDL	EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	48.6	1.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Mercury	< 0.10	0.10	ug/l	1	07/10/24	07/11/24	CDL	EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	10.9	1.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Nickel	2.2	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Selenium	1.7	0.40	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Silver	< 0.10	0.10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Thallium	< 0.20	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Uranium	116	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Vanadium ^a	< 5.0	5.0	ug/l	5	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Zinc	< 10	10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶

(1) Instrument QC Batch: MA18179

(2) Instrument QC Batch: MA18196

(3) Instrument QC Batch: MA18197

(4) Instrument QC Batch: MA18208

(5) Prep QC Batch: MP39695

(6) Prep QC Batch: MP39699

(7) Prep QC Batch: MP39746

(a) Elevated reporting limit(s) due to matrix interference.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-2	Date Sampled:	06/27/24
Lab Sample ID:	DA65417-2	Date Received:	07/02/24
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Ogilvy River		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.75	0.20	mg/l	2	07/05/24 12:18	CS	EPA 300.0
Chloride	77.5	25	mg/l	50	07/05/24 15:57	CS	EPA 300.0
Sulfate	758	25	mg/l	50	07/05/24 15:57	CS	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	9.5	0.30	mg/l	3	07/17/24 16:43	ANJ	EPA 353.2/LACHAT
Nitrogen, Total Kjeldahl	0.41	0.20	mg/l	1	07/05/24 16:23	KH	EPA 351.2
Solids, Total Dissolved	1520	10	mg/l	1	07/03/24 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-2
Lab Sample ID: DA65417-2F
Matrix: AQ - Water Filtered
Project: Ogilvy River

Date Sampled: 06/27/24
Date Received: 07/02/24
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method	
Aluminum ^a	< 250	250	ug/l	5	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Antimony	< 0.40	0.40	ug/l	1	07/10/24	07/15/24	DU	EPA 200.8 ³	EPA 200.8 ⁶
Arsenic	0.77	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Barium	48.3	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Beryllium	< 0.20	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Boron	303	40	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Cadmium	< 0.10	0.10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Chromium ^a	< 10	10	ug/l	5	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Cobalt	0.46	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Copper	2.1	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Iron	159	20	ug/l	1	07/10/24	07/15/24	DU	EPA 200.8 ³	EPA 200.8 ⁶
Lead	< 0.50	0.50	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Lithium	112	10	ug/l	1	07/10/24	07/16/24	CDL	EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	175	1.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Mercury	< 0.10	0.10	ug/l	1	07/09/24	07/09/24	KM	EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	16.6	1.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Nickel	< 2.0	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Selenium	4.7	0.40	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Silver	< 0.10	0.10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Thallium	< 0.20	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Uranium	85.0	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Vanadium ^a	< 5.0	5.0	ug/l	5	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Zinc	< 10	10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶

(1) Instrument QC Batch: MA18171

(2) Instrument QC Batch: MA18196

(3) Instrument QC Batch: MA18197

(4) Instrument QC Batch: MA18208

(5) Prep QC Batch: MP39684

(6) Prep QC Batch: MP39699

(7) Prep QC Batch: MP39746

(a) Elevated reporting limit(s) due to matrix interference.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	06/26/24
Lab Sample ID:	DA65417-3	Date Received:	07/02/24
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Ogilvy River		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.42	0.20	mg/l	2	07/05/24 12:27	CS	EPA 300.0
Chloride	91.4	13	mg/l	25	07/05/24 14:52	CS	EPA 300.0
Sulfate	515	13	mg/l	25	07/05/24 14:52	CS	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	10	0.30	mg/l	3	07/17/24 16:45	ANJ	EPA 353.2/LACHAT
Nitrogen, Total Kjeldahl	0.70	0.20	mg/l	1	07/12/24 12:25	MB	EPA 351.2
Solids, Total Dissolved	1120	10	mg/l	1	07/03/24 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	06/26/24
Lab Sample ID:	DA65417-3F	Date Received:	07/02/24
Matrix:	AQ - Water Filtered	Percent Solids:	n/a
Project:	Ogilvy River		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method	
Aluminum	< 50	50	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Antimony	< 0.40	0.40	ug/l	1	07/10/24	07/15/24	DU	EPA 200.8 ³	EPA 200.8 ⁶
Arsenic	0.28	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Barium	24.1	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Beryllium	< 0.20	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Boron	239	40	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Cadmium	< 0.10	0.10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Chromium	< 2.0	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Cobalt	0.45	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Copper	< 2.0	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Iron	< 20	20	ug/l	1	07/10/24	07/15/24	DU	EPA 200.8 ³	EPA 200.8 ⁶
Lead	< 0.50	0.50	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Lithium	54.3	10	ug/l	1	07/10/24	07/16/24	CDL	EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	38.5	1.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Mercury	< 0.10	0.10	ug/l	1	07/09/24	07/09/24	KM	EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	1.6	1.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Nickel	< 2.0	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Selenium	0.58	0.40	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Silver	< 0.10	0.10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Thallium	< 0.20	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Uranium	50.9	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Vanadium	< 1.0	1.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Zinc	< 10	10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶

(1) Instrument QC Batch: MA18171

(2) Instrument QC Batch: MA18196

(3) Instrument QC Batch: MA18197

(4) Instrument QC Batch: MA18208

(5) Prep QC Batch: MP39685

(6) Prep QC Batch: MP39699

(7) Prep QC Batch: MP39746

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	06/27/24
Lab Sample ID:	DA65417-4	Date Received:	07/02/24
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Ogilvy River		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.25	0.20	mg/l	2	07/05/24 12:35	CS	EPA 300.0
Chloride	93.8	13	mg/l	25	07/05/24 15:21	CS	EPA 300.0
Sulfate	501	13	mg/l	25	07/05/24 15:21	CS	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	10.9	0.30	mg/l	3	07/17/24 16:46	ANJ	EPA 353.2/LACHAT
Nitrogen, Total Kjeldahl	< 0.20	0.20	mg/l	1	07/12/24 12:26	MB	EPA 351.2
Solids, Total Dissolved	1100	10	mg/l	1	07/03/24 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-4
Lab Sample ID: DA65417-4F
Matrix: AQ - Water Filtered
Project: Ogilvy River

Date Sampled: 06/27/24
Date Received: 07/02/24
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method	
Aluminum	< 50	50	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Antimony	< 0.40	0.40	ug/l	1	07/10/24	07/15/24	DU	EPA 200.8 ³	EPA 200.8 ⁶
Arsenic	0.27	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Barium	23.6	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Beryllium	< 0.20	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Boron	261	40	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Cadmium	< 0.10	0.10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Chromium	< 2.0	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Cobalt	0.27	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Copper	< 2.0	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Iron	< 20	20	ug/l	1	07/10/24	07/15/24	DU	EPA 200.8 ³	EPA 200.8 ⁶
Lead	< 0.50	0.50	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Lithium	36.7	10	ug/l	1	07/10/24	07/16/24	CDL	EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	53.6	1.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Mercury	< 0.10	0.10	ug/l	1	07/09/24	07/09/24	KM	EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	1.3	1.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Nickel	< 2.0	2.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Selenium	< 0.40	0.40	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Silver	< 0.10	0.10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Thallium	< 0.20	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Uranium	52.3	0.20	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Vanadium	< 1.0	1.0	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶
Zinc	< 10	10	ug/l	1	07/10/24	07/11/24	DU	EPA 200.8 ²	EPA 200.8 ⁶

(1) Instrument QC Batch: MA18171

(2) Instrument QC Batch: MA18196

(3) Instrument QC Batch: MA18197

(4) Instrument QC Batch: MA18208

(5) Prep QC Batch: MP39685

(6) Prep QC Batch: MP39699

(7) Prep QC Batch: MP39746

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

[illegible]

4.1

DA65417: Chain of Custody

Page 1 of 4

SGS Sample Receipt Summary

Job Number: da65417

Client: STEWART

Project: OGILVY RIVER

Date / Time Received: 7/2/2024 4:30:00 PM

Delivery Method: hd

Airbill #'s:

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.0);

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐

2. Custody Seals Intact: ☒ ☐

3. COC Present: ☒ ☐

4. Smpl Dates/Time OK ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐

2. Cooler temp verification: IR Gun

3. Cooler media: Ice (Bag)

4. No. Coolers: 1

Quality Control Preservation

Y or N

N/A

1. Trip Blank present / cooler: ☐ ☐ ☒

2. Trip Blank listed on COC: ☐ ☐ ☒

3. Samples preserved properly: ☒ ☐

4. VOCs headspace free: ☐ ☐ ☐

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐

2. Container labeling complete: ☒ ☐

3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☐ ☒

2. All containers accounted for: ☒ ☐

3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N

N/A

1. Analysis requested is clear: ☒ ☐

2. Bottles received for unspecified tests: ☐ ☒

3. Sufficient volume recvd for analysis: ☒ ☐

4. Compositing instructions clear: ☐ ☐ ☒

5. Filtering instructions clear: ☐ ☐ ☒

Test Strip Lot #s:

pH 1-12:

pH 12+:

Other: (Specify)

Comments

No dissolved metals list. Client preserved anions bottle with H2SO4- will use for TKN. Will use TDS bottle for anions. All samples no3/no2 are out of hold.

DA65417: Chain of Custody

Page 2 of 4

Responded to by: Kelly Blanchard

Response Date: 7/8/2024

Please log in nitrate/nitrite by 353.2 LACHAT (subbed to SGS Dayton).

4.1

4

DA65417: Chain of Custody
Page 3 of 4

Appendix A: Full parameter list for Construction Material Sites (with Table Value Standards) from Regulation 41, Tables 1-4

Analyte	Table Value Standard (mg/L, unless other units given)	Reg. 41 Table Reference (1-4)
pH Field (pH unit)	6.50 - 8.50	2 and 3
TDS	400 mg/L, or 1.25X background	4
Chloride - Dissolved	250	2
Fluoride - Dissolved	2	3
Nitrate (NO3)	10	1
Nitrite (NO2)	1.0	1
Nitrite + Nitrate as Nitrogen	10	1
Sulfate - Dissolved	250	2
Aluminum - Dissolved	5	3
Antimony - Dissolved	0.006	1
Arsenic - Dissolved	0.01	1
Barium - Dissolved	2	1
Beryllium - Dissolved	0.004	1
Boron - Dissolved	0.75	3
Cadmium - Dissolved	0.005	1
Chromium - Dissolved	0.1	1 and 3
Cobalt - Dissolved	0.05	3
Copper - Dissolved	0.2	3
Iron - Dissolved	0.3	2
Lead - Dissolved	0.05	1
Lithium - Dissolved	2.5	3
Manganese - Dissolved	0.05	2
Mercury - Dissolved	0.002	1
Molybdenum - Dissolved	0.21	1
Nickel - Dissolved	0.1	1
Selenium - Dissolved	0.02	3
Silver - Dissolved	0.05	1
Thallium - Dissolved	0.002	1
Uranium - Dissolved	0.0168 to 0.03	1
Vanadium - Dissolved	0.1	3
Zinc - Dissolved	2	3

- These analytes, at a minimum, will be tested for during the five (5) quarters of baseline monitoring. It will be up to the Operator/Permittee to submit a Technical Revision with proper justification to reduce the analyte list.

Metals Analysis

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39684
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 07/09/24

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	-0.016	<0.10

Associated samples MP39684: DA65417-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39684
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 07/09/24

Metal	DA65415-2F		SpikeLot		QC
	Original	MS	HGWSR1	% Rec	Limits
Mercury	0.0	1.1	1	110.0	70-130

Associated samples MP39684: DA65417-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

5.1.2
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39684
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 07/09/24

Metal	DA65415-2F Original	MSD	SpikeLot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.0	1.1	1	110.0	0.0	20

Associated samples MP39684: DA65417-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

5.1.2
5

5.1.3



Methods: EPA 245.1
Units: ug/l

07/09/24

Associated samples MP39684: DA65417-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA65417
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39685
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 07/09/24

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	-0.011	<0.10

Associated samples MP39685: DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39685
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 07/09/24

Metal	DA65493-1		SpikeLot		QC
	Original	MS	HGWSR1	% Rec	
Mercury	0.0	1.2	1	120.0	70-130

Associated samples MP39685: DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
 Account: STEWCOFC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP39685
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 07/09/24

Metal	DA65493-1 Original	MSD	SpikeLot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.0	1.1	1	110.0	8.7	20

Associated samples MP39685: DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA65417
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39685
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 07/09/24

Metal	BSP Result	SpikeLot HGWSR1	% Rec	QC Limits
Mercury	1.1	1	110.0	85-115

Associated samples MP39685: DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39695
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 07/10/24

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	0.0	<0.10

Associated samples MP39695: DA65417-1F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39695
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 07/10/24

Metal	DA65417-1F Original MS		SpikeLot HGWSR1	% Rec	QC Limits
Mercury	0.0	1.2	1	120.0	70-130

Associated samples MP39695: DA65417-1F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

5.3.2
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
 Account: STEWCOFC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP39695
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 07/10/24

Metal	DA65417-1F Original	MSD	SpikeLot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.0	1.2	1	120.0	0.0	20

Associated samples MP39695: DA65417-1F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39695
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 07/10/24

Metal	BSP Result	SpikeLot HGWSR1	% Rec	QC Limits
-------	---------------	--------------------	-------	--------------

Mercury 1.2 1 120.0*(a 85-115

Associated samples MP39695: DA65417-1F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Outside control limits biased high. Reported samples are ND.

5.3.3
5

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39699
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 07/10/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	13	4.1	<50
Antimony	0.40	.01	.3	-0.010	<0.40
Arsenic	0.20	.05	.05	-0.00034	<0.20
Barium	2.0	.096	.25	0.037	<2.0
Beryllium	0.20	.077	.1	-0.0011	<0.20
Boron	40	18	20	1.9	<40
Cadmium	0.10	.03	.04	-0.00082	<0.10
Calcium	400	25	100		
Chromium	2.0	.087	.25	0.029	<2.0
Cobalt	0.20	.04	.05	-0.0011	<0.20
Copper	2.0	.05	.81	0.059	<2.0
Iron	20	1.6	10	2.8	<20
Lead	0.50	.094	.13	0.0068	<0.50
Magnesium	100	10	25		
Manganese	1.0	.079	.51	0.019	<1.0
Molybdenum	1.0	.037	.27	-0.011	<1.0
Nickel	2.0	.098	.35	0.0016	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	50		
Selenium	0.40	.05	.1	-0.012	<0.40
Silver	0.10	.0081	.025	0.00084	<0.10
Sodium	500	10	130		
Strontium	20	.1	5		
Thallium	0.20	.032	.05	-0.0019	<0.20
Tin	10	.22	2.5		
Titanium	2.0	.05	.37		
Uranium	0.20	.015	.05	-0.0044	<0.20
Vanadium	1.0	.14	.2	-0.016	<1.0
Zinc	10	.05	2.1	0.69	<10

Associated samples MP39699: DA65417-1F, DA65417-2F, DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39699
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 07/10/24

Metal	DA65424-1A Original MS		Spikelet ICPMS5	% Rec	QC Limits
Aluminum	331	1230	1000	89.9	70-130
Antimony	0.54	113	100	112.5	70-130
Arsenic	0.48	200	200	99.8	70-130
Barium	35.2	422	400	96.7	70-130
Beryllium	0.0	98.0	100	98.0	70-130
Boron	0.00	437	400	109.3	70-130
Cadmium	0.061	97.0	100	96.9	70-130
Calcium					
Chromium	0.62	98.8	100	98.2	70-130
Cobalt	0.25	98.2	100	98.0	70-130
Copper	2.2	101	100	98.8	70-130
Iron	453	1410	1000	95.7	70-130
Lead	1.9	207	200	102.6	70-130
Magnesium					
Manganese	31.9	228	200	98.1	70-130
Molybdenum	1.0	99.7	100	98.7	70-130
Nickel	0.69	97.0	100	96.3	70-130
Phosphorus					
Potassium					
Selenium	0.24	197	200	98.4	70-130
Silver	0.011	39.2	40	98.0	70-130
Sodium					
Strontium					
Thallium	0.15	198	200	98.9	70-130
Tin					
Titanium					
Uranium	1.3	192	200	95.4	70-130
Vanadium	0.90	98.8	100	97.9	70-130
Zinc	15.7	112	100	96.3	70-130

Associated samples MP39699: DA65417-1F, DA65417-2F, DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39699
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 07/10/24

Metal	DA65424-1A Original	MSD	Spikelet ICPMS5	% Rec	MSD RPD	QC Limit
Aluminum	331	1270	1000	93.9	4.0	20
Antimony	0.54	111	100	110.5	4.4	20
Arsenic	0.48	201	200	100.3	0.5	20
Barium	35.2	425	400	97.5	7.0	20
Beryllium	0.0	97.2	100	97.2	3.8	20
Boron	0.00	433	400	108.3	11.5	20
Cadmium	0.061	95.5	100	95.4	4.6	20
Calcium						
Chromium	0.62	97.1	100	96.5	1.7	20
Cobalt	0.25	97.6	100	97.4	2.4	20
Copper	2.2	101	100	98.8	3.9	20
Iron	453	1430	1000	97.7	0.7	20
Lead	1.9	204	200	101.1	1.5	20
Magnesium						
Manganese	31.9	226	200	97.1	2.6	20
Molybdenum	1.0	98.5	100	97.5	3.5	20
Nickel	0.69	97.5	100	96.8	2.5	20
Phosphorus						
Potassium						
Selenium	0.24	200	200	99.9	5.4	20
Silver	0.011	38.2	40	95.5	5.8	20
Sodium						
Strontium						
Thallium	0.15	201	200	100.4	0.5	20
Tin						
Titanium						
Uranium	1.3	192	200	95.4	0.5	20
Vanadium	0.90	97.6	100	96.7	1.2	20
Zinc	15.7	112	100	96.3	5.2	20

Associated samples MP39699: DA65417-1F, DA65417-2F, DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA65417
 Account: STEWC0FC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP39699
 Matrix Type: AQUEOUS

Methods: EPA 200.8
 Units: ug/l

Prep Date: 07/10/24

Metal	BSP Result	SpikeLot ICPMS5	% Rec	QC Limits
Aluminum	909	1000	90.9	85-115
Antimony	114	100	114.0	85-115
Arsenic	204	200	102.0	85-115
Barium	400	400	100.0	85-115
Beryllium	98.7	100	98.7	85-115
Boron	431	400	107.8	85-115
Cadmium	97.6	100	97.6	85-115
Calcium				
Chromium	95.8	100	95.8	85-115
Cobalt	101	100	101.0	85-115
Copper	102	100	102.0	85-115
Iron	1030	1000	103.0	85-115
Lead	203	200	101.5	85-115
Magnesium				
Manganese	201	200	100.5	85-115
Molybdenum	100	100	100.0	85-115
Nickel	99.7	100	99.7	85-115
Phosphorus				
Potassium				
Selenium	204	200	102.0	85-115
Silver	39.7	40	99.3	85-115
Sodium				
Strontium				
Thallium	198	200	99.0	85-115
Tin				
Titanium				
Uranium	191	200	95.5	85-115
Vanadium	95.2	100	95.2	85-115
Zinc	100	100	100.0	85-115

Associated samples MP39699: DA65417-1F, DA65417-2F, DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39746
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 07/10/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	100	46	50		
Antimony	30	14	20		
Arsenic	25	22	7		
Barium	10	.3	3		
Beryllium	10	1	2		
Boron	50	3.3	10		
Cadmium	10	1.9	5		
Calcium	400	6.6	61		
Chromium	10	1.1	2		
Cobalt	5.0	2.7	4		
Copper	10	4.6	6		
Iron	20	8.9	10		
Lead	50	13	15		
Lithium	10	.6	4	0.40	<10
Magnesium	200	50	40		
Manganese	5.0	.5	1		
Molybdenum	10	8.5	3		
Nickel	30	6.2	10		
Phosphorus	150	91	110		
Potassium	1000	84	300		
Selenium	50	30	30		
Silicon	200	41	150		
Silver	30	.6	5		
Sodium	400	13	150		
Strontium	5.0	.1	1		
Thallium	12	17	11		
Tin	60	41	51		
Titanium	10	.5	2		
Uranium	50	3.9	20		
Vanadium	10	.9	2		
Zinc	30	9	7		

Associated samples MP39746: DA65417-1F, DA65417-2F, DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39746
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 07/10/24

Metal	RL	IDL	MDL	MB raw	final
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(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39746
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 07/10/24

Metal	DA65379-54 Original MS		SpikeLot ICPALL5 % Rec		QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium	4.0	213	200	104.5	70-130
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP39746: DA65417-1F, DA65417-2F, DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39746
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 07/10/24

Metal	DA65379-54 Original MS	SpikeLot ICPALL5	% Rec	QC Limits
-------	---------------------------	---------------------	-------	--------------

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

5.5.2
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39746
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 07/10/24

Metal	DA65379-54 Original	MSD	SpikeLot ICPALL5	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium	4.0	209	200	102.5	1.9	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP39746: DA65417-1F, DA65417-2F, DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

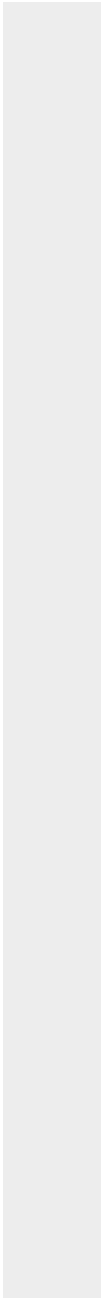
QC Batch ID: MP39746
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 07/10/24

Metal	DA65379-54 Original MSD	SpikeLot ICPALL5 % Rec	MSD RPD	QC Limit
-------	----------------------------	---------------------------	------------	-------------

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested



5.5.2
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP39746
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 07/10/24

Metal	BSP Result	SpikeLot ICPALL5	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium	210	200	105.0	85-115
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP39746: DA65417-1F, DA65417-2F, DA65417-3F, DA65417-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

5.5.3
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA65417
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

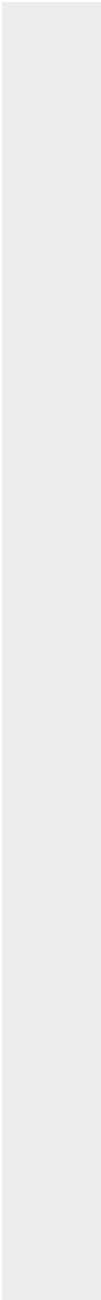
QC Batch ID: MP39746
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 07/10/24

Metal	BSP Result	SpikeLot ICPALL5	% Rec	QC Limits
-------	---------------	---------------------	-------	--------------

(anr) Analyte not requested



5.5.3
5

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA65417
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chloride	GP36918/GN63978	0.50	0.0	mg/l	5	4.90	98.0	90-110%
Fluoride	GP36918/GN63978	0.10	0.0	mg/l	1	0.998	99.8	90-110%
Nitrogen, Nitrate	GP36918/GN63978	0.010	0.0070	mg/l	0.1	0.0994	99.4	90-110%
Nitrogen, Nitrite	GP36918/GN63978	0.0040	0.0	mg/l	0.05	0.0506	101.2	90-110%
Nitrogen, Total Kjeldahl	GP36917/GN63977	0.20	0.0	mg/l	1.270	1.21	95.1	90-110%
Nitrogen, Total Kjeldahl	GP36962/GN64046	0.20	0.0	mg/l	1.28	1.21	94.8	90-110%
Nitrogen, Total Kjeldahl	GP36962/GN64046	0.20	0.0	mg/l				
Solids, Total Dissolved	GN63964	10	0.0	mg/l	250	1000	100.0	90-110%
Sulfate	GP36918/GN63978	0.50	0.0	mg/l	5	4.94	98.8	90-110%

Associated Samples:

Batch GN63964: DA65417-1, DA65417-2, DA65417-3, DA65417-4

Batch GP36917: DA65417-1, DA65417-2

Batch GP36918: DA65417-1, DA65417-2, DA65417-3, DA65417-4

Batch GP36962: DA65417-3, DA65417-4

(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA65417
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Solids, Total Dissolved	GN63964	DA65417-2	mg/l	1520	1450	4.4	0-5.44%

Associated Samples:
Batch GN63964: DA65417-1, DA65417-2, DA65417-3, DA65417-4
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA65417
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chloride	GP36918/GN63978	DA65417-2	mg/l	77.5	250	320	97.0	80-120%
Fluoride	GP36918/GN63978	DA65417-2	mg/l	0.75	50	50.5	101.0	80-120%
Nitrogen, Total Kjeldahl	GP36917/GN63977	DA65383-1	mg/l	0.17 U	1	1.2	120.0N(a)	90-110%
Nitrogen, Total Kjeldahl	GP36962/GN64046	DA65425-2	mg/l	0.0	1	0.90	90.0	90-110%
Sulfate	GP36918/GN63978	DA65417-2	mg/l	758	250	1010	100.8	80-120%

Associated Samples:

Batch GP36917: DA65417-1, DA65417-2

Batch GP36918: DA65417-1, DA65417-2, DA65417-3, DA65417-4

Batch GP36962: DA65417-3, DA65417-4

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA65417
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Chloride	GP36918/GN63978	DA65417-2	mg/l	77.5	250	322	0.6	20%
Fluoride	GP36918/GN63978	DA65417-2	mg/l	0.75	50	50.7	0.4	20%
Sulfate	GP36918/GN63978	DA65417-2	mg/l	758	250	1010	0.0	20%

Associated Samples:

Batch GP36918: DA65417-1, DA65417-2, DA65417-3, DA65417-4

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

6.4

6

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

Page 1 of 1

Client / Reporting Information				Project Information				Requested Analysis (see TEST CODE sheet)												Matrix Codes			
Company Name: SGS North America Inc.				Project Name: Ogilvy River																DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank			
Street Address: 4036 Youngfield Street				Billing Information (if different from Report to)																			
City State Zip: Wheat Ridge, CO 80033				Company Name																			
Project Contact E-mail: parma.eskandaripayandeh@sgs.com				Project #																			
Phone #: 303-425-6021				City State Zip																			
Sampler(s) Name(s)				Project Manager				Attention:															
Turnaround Time (Business days)				Data Deliverable Information				Comments / Special Instructions															
Approved By (SGS PM): / Date:				Commercial "A" (Level 1) Commercial "B" (Level 2) REDT1 (Level 3) FULT1 (Level 4) Commercial "C"				State Forms EPA 353.2 Lachat EDD Format Other CC				Initial Assessment 4BTD Label Verification											
Standard 10 Day (Business) 5 Business Days RUSH 3 Business Days RUSH 2 Business Days RUSH 1 Business Day EMERGENCY ☒ other Due 7/11/2024				Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data				Sample Custody must be documented below each time samples change possession, including courier delivery.															
Relinquished By Sampler: 1				Received By: 1 FOLEX				Relinquished By: 2 FOLEX				Received By: 2				Date Time: 11:00 7/13/24							
Relinquished By Sampler: 3				Received By: 3				Relinquished By: 4				Received By: 4				Date Time: 7/13/24							
Relinquished By: 5				Received By: 5				Custody Seal #				Intact Not Intact				Preserved where applicable Therm. ID:							
																On Ice Cooler Temp. 4.7							

DA65417: Chain of Custody

Page 1 of 2

SGS Dayton, NJ



SGS Sample Receipt Summary

Job Number: DA65417 Client: Project: Date / Time Received: 7/13/2024 11:00:00 AM Delivery Method: FEDEX Airbill #s:

Cooler Temps (Raw Measured) °C: Cooler 1: (4.7); Cooler Temps (Corrected) °C: Cooler 1: (5.1);

Cooler Security Y or N Y or N 1. Custody Seals Present: 3. COC Present: 2. Custody Seals Intact: 4. Smpl Dates/Time OK

Cooler Temperature Y or N 1. Temp criteria achieved: 2. Cooler temp verification: IR-50 3. Cooler media: Ice (Bag) 4. No. Coolers: 1

Quality Control Preservation Y or N N/A 1. Trip Blank present / cooler: 2. Trip Blank listed on COC: 3. Samples preserved properly: 4. VOCs headspace free:

Sample Integrity - Documentation Y or N 1. Sample labels present on bottles: 2. Container labeling complete: 3. Sample container label / COC agree:

Sample Integrity - Condition Y or N 1. Sample recvd within HT: 2. All containers accounted for: 3. Condition of sample: Intact

Sample Integrity - Instructions Y or N N/A 1. Analysis requested is clear: 2. Bottles received for unspecified tests: 3. Sufficient volume recvd for analysis: 4. Compositing instructions clear: 5. Filtering instructions clear:

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03 Rev. Date 12/7/17

General Chemistry

QC Data Summaries

(SGS Dayton, NJ)

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA65417
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWC0FC: Ogilvy River

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Nitrogen, Nitrate + Nitrite	GP55352/GN57287	0.10	0.0	mg/l	2	1.96	98.0	90-110%

Associated Samples:
Batch GP55352: DA65417-1, DA65417-2, DA65417-3, DA65417-4
(*) Outside of QC limits

8.1
8

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA65417
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWC0FC: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Nitrogen, Nitrate + Nitrite	GP55352/GN57287	JD92200-9	mg/l	2.0	2.0	0.0	0-20%

Associated Samples:
Batch GP55352: DA65417-1, DA65417-2, DA65417-3, DA65417-4
(*) Outside of QC limits

8.2
8

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA65417
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWC0FC: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Nitrogen, Nitrate + Nitrite	GP55352/GN57287	JD92200-9	mg/l	2.0	2	3.7	85.0N(a)	90-110%

Associated Samples:

Batch GP55352: DA65417-1, DA65417-2, DA65417-3, DA65417-4

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

8.3

8

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Stewart Environmental

Ogilvy River

SGS Job Number: DA68006

Sampling Date: 10/10/24

Report to:

Stewart Environmental Consultants
3801 Automation Way Suite 200
Fort Collins, CO 80525
dave.stewart@stewartenv.com; jcyork@j-tconsulting.com
ATTN: Dave Stewart

Total number of pages in report: 56



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.



Eric Hoffman

Client Service contact: Parna Payandeh 303-425-6021

Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

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Test results relate only to samples analyzed.

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Sample Summary

Stewart Environmental
Ogilvy River

Job No: DA68006

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
DA68006-1	10/10/24	14:30 JS	10/11/24	AQ	Ground Water	MW-1
DA68006-1F	10/10/24	14:30 JS	10/11/24	AQ	Groundwater Filtered	MW-1
DA68006-2	10/10/24	15:00 JS	10/11/24	AQ	Ground Water	MW-2
DA68006-2F	10/10/24	15:00 JS	10/11/24	AQ	Groundwater Filtered	MW-2
DA68006-3	10/10/24	13:00 JS	10/11/24	AQ	Ground Water	MW-3
DA68006-3F	10/10/24	13:00 JS	10/11/24	AQ	Groundwater Filtered	MW-3
DA68006-4	10/10/24	16:30 JS	10/11/24	AQ	Ground Water	MW-4
DA68006-4F	10/10/24	16:30 JS	10/11/24	AQ	Groundwater Filtered	MW-4

Summary of Hits

Job Number: DA68006
Account: Stewart Environmental
Project: Ogilvy River
Collected: 10/10/24

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA68006-1 MW-1

Fluoride	0.32	0.20		mg/l	EPA 300.0
Chloride	161	13		mg/l	EPA 300.0
Sulfate	431	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	8.3	0.30		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	1210	10		mg/l	SM 2540C-2011

DA68006-1F MW-1

Aluminum	180	50		ug/l	EPA 200.8
Arsenic	1.1	0.20		ug/l	EPA 200.8
Barium	74.3	2.0		ug/l	EPA 200.8
Boron	238	40		ug/l	EPA 200.8
Cobalt	0.91	0.20		ug/l	EPA 200.8
Iron	110	20		ug/l	EPA 200.8
Lithium	83.1	5.0		ug/l	EPA 200.7
Manganese	56.9	1.0		ug/l	EPA 200.8
Molybdenum	3.8	1.0		ug/l	EPA 200.8
Selenium	0.74	0.40		ug/l	EPA 200.8
Uranium	58.8	0.20		ug/l	EPA 200.8
Vanadium	1.7	1.0		ug/l	EPA 200.8

DA68006-2 MW-2

Fluoride	0.75	0.20		mg/l	EPA 300.0
Chloride	59.5	13		mg/l	EPA 300.0
Sulfate	671	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	0.68	0.10		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	1170	10		mg/l	SM 2540C-2011

DA68006-2F MW-2

Aluminum	92.0	50		ug/l	EPA 200.8
Arsenic	1.1	0.20		ug/l	EPA 200.8
Barium	62.8	2.0		ug/l	EPA 200.8
Boron	267	40		ug/l	EPA 200.8
Cobalt	0.40	0.20		ug/l	EPA 200.8
Iron	79.4	20		ug/l	EPA 200.8
Lithium	97.3	5.0		ug/l	EPA 200.7
Manganese	136	1.0		ug/l	EPA 200.8
Molybdenum	17.7	1.0		ug/l	EPA 200.8
Selenium	0.47	0.40		ug/l	EPA 200.8
Uranium	28.3	0.20		ug/l	EPA 200.8
Vanadium	1.3	1.0		ug/l	EPA 200.8

Summary of Hits

Job Number: DA68006
Account: Stewart Environmental
Project: Ogilvy River
Collected: 10/10/24

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA68006-3

MW-3

Fluoride	0.36	0.20		mg/l	EPA 300.0
Chloride	88.3	13		mg/l	EPA 300.0
Sulfate	502	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	11.7	0.50		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	1150	10		mg/l	SM 2540C-2011

DA68006-3F

MW-3

Arsenic	0.30	0.20		ug/l	EPA 200.8
Barium	39.0	2.0		ug/l	EPA 200.8
Boron	232	40		ug/l	EPA 200.8
Cobalt	0.25	0.20		ug/l	EPA 200.8
Lithium	53.2	5.0		ug/l	EPA 200.7
Manganese	34.8	1.0		ug/l	EPA 200.8
Molybdenum	1.5	1.0		ug/l	EPA 200.8
Selenium	0.63	0.40		ug/l	EPA 200.8
Uranium	48.3	0.20		ug/l	EPA 200.8

DA68006-4

MW-4

Chloride	93.5	13		mg/l	EPA 300.0
Sulfate	483	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	12.6	0.50		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	1110	10		mg/l	SM 2540C-2011

DA68006-4F

MW-4

Arsenic	0.32	0.20		ug/l	EPA 200.8
Barium	44.3	2.0		ug/l	EPA 200.8
Boron	260	40		ug/l	EPA 200.8
Cobalt	0.34	0.20		ug/l	EPA 200.8
Lithium	45.4	5.0		ug/l	EPA 200.7
Manganese	55.6	1.0		ug/l	EPA 200.8
Molybdenum	1.2	1.0		ug/l	EPA 200.8
Uranium	54.2	0.20		ug/l	EPA 200.8

(a) Analysis performed at SGS Dayton, NJ.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1	Date Sampled:	10/10/24
Lab Sample ID:	DA68006-1	Date Received:	10/11/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Ogilvy River		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.32	0.20	mg/l	2	10/13/24 13:39	MB	EPA 300.0
Chloride	161	13	mg/l	25	10/13/24 13:48	MB	EPA 300.0
Sulfate	431	13	mg/l	25	10/13/24 13:48	MB	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	8.3	0.30	mg/l	3	10/21/24 21:32	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	1210	10	mg/l	1	10/16/24 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-1
Lab Sample ID: DA68006-1F
Matrix: AQ - Groundwater Filtered
Project: Ogilvy River

Date Sampled: 10/10/24
Date Received: 10/11/24
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	180	50	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Antimony	< 0.40	0.40	ug/l	1	10/18/24	10/25/24	CDL EPA 200.8 ³	EPA 200.8 ⁶
Arsenic	1.1	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Barium	74.3	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Beryllium	< 0.20	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Boron	238	40	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cadmium	< 0.10	0.10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Chromium	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cobalt	0.91	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Copper	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Iron	110	20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lead	< 0.50	0.50	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lithium	83.1	5.0	ug/l	1	10/18/24	10/24/24	CDL EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	56.9	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Mercury	< 0.10	0.10	ug/l	1	10/21/24	10/22/24	CDL EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	3.8	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Nickel	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Selenium	0.74	0.40	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Silver	< 0.10	0.10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Thallium	< 0.20	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Uranium	58.8	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Vanadium	1.7	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Zinc	< 10	10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶

(1) Instrument QC Batch: MA18546

(2) Instrument QC Batch: MA18547

(3) Instrument QC Batch: MA18553

(4) Instrument QC Batch: MA18582

(5) Prep QC Batch: MP40278

(6) Prep QC Batch: MP40286

(7) Prep QC Batch: MP40316

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-2	Date Sampled:	10/10/24
Lab Sample ID:	DA68006-2	Date Received:	10/11/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Ogilvy River		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.75	0.20	mg/l	2	10/18/24 16:18	CS	EPA 300.0
Chloride	59.5	13	mg/l	25	10/13/24 14:05	MB	EPA 300.0
Sulfate	671	13	mg/l	25	10/13/24 14:05	MB	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	0.68	0.10	mg/l	1	10/21/24 19:19	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	1170	10	mg/l	1	10/16/24 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-2	Date Sampled:	10/10/24
Lab Sample ID:	DA68006-2F	Date Received:	10/11/24
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	Ogilvy River		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	92.0	50	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Antimony	< 0.40	0.40	ug/l	1	10/18/24	10/25/24	CDL EPA 200.8 ³	EPA 200.8 ⁶
Arsenic	1.1	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Barium	62.8	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Beryllium	< 0.20	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Boron	267	40	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cadmium	< 0.10	0.10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Chromium	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cobalt	0.40	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Copper	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Iron	79.4	20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lead	< 0.50	0.50	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lithium	97.3	5.0	ug/l	1	10/18/24	10/24/24	CDL EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	136	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Mercury	< 0.10	0.10	ug/l	1	10/21/24	10/22/24	CDL EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	17.7	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Nickel	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Selenium	0.47	0.40	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Silver	< 0.10	0.10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Thallium	< 0.20	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Uranium	28.3	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Vanadium	1.3	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Zinc	< 10	10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶

(1) Instrument QC Batch: MA18546

(2) Instrument QC Batch: MA18547

(3) Instrument QC Batch: MA18553

(4) Instrument QC Batch: MA18582

(5) Prep QC Batch: MP40277

(6) Prep QC Batch: MP40286

(7) Prep QC Batch: MP40316

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	10/10/24
Lab Sample ID:	DA68006-3	Date Received:	10/11/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Ogilvy River		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.36	0.20	mg/l	2	10/18/24 16:29	CS	EPA 300.0
Chloride	88.3	13	mg/l	25	10/13/24 14:22	MB	EPA 300.0
Sulfate	502	13	mg/l	25	10/13/24 14:22	MB	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	11.7	0.50	mg/l	5	10/21/24 21:33	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	1150	10	mg/l	1	10/16/24 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-3
Lab Sample ID: DA68006-3F
Matrix: AQ - Groundwater Filtered
Project: Ogilvy River

Date Sampled: 10/10/24
Date Received: 10/11/24
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Antimony	< 0.40	0.40	ug/l	1	10/18/24	10/25/24	CDL EPA 200.8 ³	EPA 200.8 ⁶
Arsenic	0.30	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Barium	39.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Beryllium	< 0.20	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Boron	232	40	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cadmium	< 0.10	0.10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Chromium	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cobalt	0.25	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Copper	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Iron	< 20	20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lead	< 0.50	0.50	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lithium	53.2	5.0	ug/l	1	10/18/24	10/24/24	CDL EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	34.8	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Mercury	< 0.10	0.10	ug/l	1	10/21/24	10/22/24	CDL EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	1.5	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Nickel	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Selenium	0.63	0.40	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Silver	< 0.10	0.10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Thallium	< 0.20	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Uranium	48.3	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Vanadium	< 1.0	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶
Zinc	< 10	10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ²	EPA 200.8 ⁶

(1) Instrument QC Batch: MA18546

(2) Instrument QC Batch: MA18547

(3) Instrument QC Batch: MA18553

(4) Instrument QC Batch: MA18582

(5) Prep QC Batch: MP40277

(6) Prep QC Batch: MP40286

(7) Prep QC Batch: MP40316

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	10/10/24
Lab Sample ID:	DA68006-4	Date Received:	10/11/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Ogilvy River		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride ^a	< 0.20	0.20	mg/l	2	10/18/24 16:38	CS	EPA 300.0
Chloride	93.5	13	mg/l	25	10/13/24 14:57	MB	EPA 300.0
Sulfate	483	13	mg/l	25	10/13/24 14:57	MB	EPA 300.0
Nitrogen, Nitrate + Nitrite ^b	12.6	0.50	mg/l	5	10/21/24 21:34	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	1110	10	mg/l	1	10/16/24 07:00	JW	SM 2540C-2011

(a) Elevated detection limit due to matrix interference.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-4
Lab Sample ID: DA68006-4F
Matrix: AQ - Groundwater Filtered
Project: Ogilvy River

Date Sampled: 10/10/24
Date Received: 10/11/24
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Antimony	< 0.40	0.40	ug/l	1	10/18/24	10/25/24	CDL EPA 200.8 ²	EPA 200.8 ⁵
Arsenic	0.32	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Barium	44.3	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Beryllium	< 0.20	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Boron	260	40	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Cadmium	< 0.10	0.10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Chromium	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Cobalt	0.34	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Copper	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Iron	< 20	20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Lead	< 0.50	0.50	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Lithium	45.4	5.0	ug/l	1	10/18/24	10/24/24	CDL EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	55.6	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Mercury	< 0.10	0.10	ug/l	1	10/25/24	10/25/24	CDL EPA 245.1 ³	EPA 245.1 ⁶
Molybdenum	1.2	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Nickel	< 2.0	2.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Selenium	< 0.40	0.40	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Silver	< 0.10	0.10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Thallium	< 0.20	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Uranium	54.2	0.20	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Vanadium	< 1.0	1.0	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Zinc	< 10	10	ug/l	1	10/18/24	10/22/24	CDL EPA 200.8 ¹	EPA 200.8 ⁵

(1) Instrument QC Batch: MA18547

(2) Instrument QC Batch: MA18553

(3) Instrument QC Batch: MA18565

(4) Instrument QC Batch: MA18582

(5) Prep QC Batch: MP40286

(6) Prep QC Batch: MP40313

(7) Prep QC Batch: MP40316

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

[illegible]

Current Regular COC 23MAY23.xls; FORM: FHSA.OAC.0027-01.FORM.Wheat Ridn - COC RV 9/2/21

DA68006: Chain of Custody

Page 1 of 4

Appendix A: Full parameter list for Construction Material Sites (with Table Value Standards) from Regulation 41, Tables 1-4

Analyte	Table Value Standard (mg/L, unless other units given)	Reg. 41 Table Reference (1-4)
pH Field (pH unit)	6.50 - 8.50	2 and 3
TDS	400 mg/L, or 1.25X background	4
Chloride - Dissolved	250	2
Fluoride - Dissolved	2	3
Nitrate (NO3)	10	1
Nitrite (NO2)	1.0	1
Nitrite + Nitrate as Nitrogen	10	1
Sulfate - Dissolved	250	2
Aluminum - Dissolved	5	3
Antimony - Dissolved	0.006	1
Arsenic - Dissolved	0.01	1
Barium - Dissolved	2	1
Beryllium - Dissolved	0.004	1
Boron - Dissolved	0.75	3
Cadmium - Dissolved	0.005	1
Chromium - Dissolved	0.1	1 and 3
Cobalt - Dissolved	0.05	3
Copper - Dissolved	0.2	3
Iron - Dissolved	0.3	2
Lead - Dissolved	0.05	1
Lithium - Dissolved	2.5	3
Manganese - Dissolved	0.05	2
Mercury - Dissolved	0.002	1
Molybdenum - Dissolved	0.21	1
Nickel - Dissolved	0.1	1
Selenium - Dissolved	0.02	3
Silver - Dissolved	0.05	1
Thallium - Dissolved	0.002	1
Uranium - Dissolved	0.0168 to 0.03	1
Vanadium - Dissolved	0.1	3
Zinc - Dissolved	2	3

- These analytes, at a minimum, will be tested for during the five (5) quarters of baseline monitoring. It will be up to the Operator/Permittee to submit a Technical Revision with proper justification to reduce the analyte list.

SGS Sample Receipt Summary

Job Number: da68006

Client: SEC

Project: OGILVY

Date / Time Received: 10/11/2024 5:45:00 PM

Delivery Method: hd

Airbill #'s:

Cooler Temps (Raw Measured) °C: Cooler 1: (4.1);
Cooler Temps (Corrected) °C: Cooler 1: (4.1);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☒		☐
2. Custody Seals Intact:	☒		☐
3. Temp criteria achieved:	☒		☐
4. Cooler temp verification:			IR Gun
5. Cooler media:			Ice (Bag)

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☒
2. Trip Blank listed on COC:	☐		☐	☒

	W	or	S	N/A
3. Type of TB Received	☐		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☒		☐	
2. Samples presented properly	☒		☐	
3. Suffiient volume/containers recv'd for analysi	☒		☐	
4. Condition of sample:			Intact	
5. Sample recv'd within HT	☒		☐	
6. Dates/Times/IDs on COC match sample labe	☐		☐	
7. VOCs have headspace	☐		☐	☒
8. Bottles received for unspecified tests	☐		☒	
9. Compositing instructions clear	☐		☐	☒
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☐
11. % Solids Jar Received?	☐		☐	☐
12. Residual Chlorine Present?	☐		☐	☐

Misc Information

Number of Encores: 25 Gram5 Gram

Test Strip Lot #: pH 0-3:

Residual Chlorine Test Strip Lot:

Number of Lab Filtered Metals

pH 10-12: Other: (Specify)

Comments

SM001
Rev. Date 05/04/17

Technician: JEREMYD

Date: 10/12/2024 8:37:39 AM

Reviewer:

Date:

Job Change Order: DA68006

Requested Date:	10/16/2024	Received Date:	10/11/2024
Account Name:	Stewart Environmental	Due Date:	10/16/2024
Project Description:	Ogilvy River	Deliverable:	COMMB
C/O Initiated By:	P_ESKAND	PM:	PP
		TAT (Days):	1

=====

Sample #:	DA68006-1	Dept:	
Client ID:	MW-1	TAT:	1

Change: Please run NO3 and NO2 using method 353.2.

=====

Sample #:	DA68006-2	Dept:	
Client ID:	MW-2	TAT:	1

Change: Please run NO3 and NO2 using method 353.2.

=====

Sample #:	DA68006-3	Dept:	
Client ID:	MW-3	TAT:	1

Change: Please run NO3 and NO2 using method 353.2.

=====

Sample #:	DA68006-4	Dept:	
Client ID:	MW-4	TAT:	1

Change: Please run NO3 and NO2 using method 353.2.

Above Changes Per: David R. Stewart Date/Time: 10/17/2024

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Metals Analysis

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA68006
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40277
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 10/21/24

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	0.010	<0.10

Associated samples MP40277: DA68006-2F, DA68006-3F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA68006
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40277
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 10/21/24

Metal	DA68006-3F Original MS		SpikeLot HGWSR1	% Rec	QC Limits
Mercury	0.0	1.2	1	120.0	70-130

Associated samples MP40277: DA68006-2F, DA68006-3F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

5.1.2
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA68006
 Account: STEWCOFC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP40277
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 10/21/24

Metal	DA68006-3F Original MSD	SpikeLot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.0	1.2	1	120.0	0.0
					20

Associated samples MP40277: DA68006-2F, DA68006-3F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA68006
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40277
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 10/21/24

Metal	BSP Result	SpikeLot HGWSR1	% Rec	QC Limits
Mercury	1.1	1	110.0	85-115

Associated samples MP40277: DA68006-2F, DA68006-3F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

5.1.3
5

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40278
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 10/21/24

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	0.011	<0.10

Associated samples MP40278: DA68006-1F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA68006
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40278
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 10/21/24

Metal	DA68004-1F		SpikeLot		QC
	Original	MS	HGWSR1	% Rec	Limits
Mercury	0.0	1.2	1	120.0	70-130

Associated samples MP40278: DA68006-1F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

5.2.2
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA68006
 Account: STEWCOFC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP40278
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 10/21/24

Metal	DA68004-1F Original	MSD	Spike lot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.0	1.2	1	120.0	0.0	20

Associated samples MP40278: DA68006-1F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

5.2.3

QC Batch ID: MP40278
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Metal	BSP Result	Spikelot HGWSR1	% Rec	QC Limits
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Associated samples MP40278: DA68006-1F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40286
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 10/18/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	10	1.2	<50
Antimony	0.40	.01	.3	-0.018	<0.40
Arsenic	0.20	.05	.05	-0.0016	<0.20
Barium	2.0	.096	.3	0.016	<2.0
Beryllium	0.20	.077	.1	-0.0052	<0.20
Boron	40	18	10	2.4	<40
Cadmium	0.10	.03	.05	0.000044	<0.10
Calcium	400	25	60		
Chromium	2.0	.087	.27	0.019	<2.0
Cobalt	0.20	.04	.05	-0.0043	<0.20
Copper	2.0	.05	1.5	0.030	<2.0
Iron	20	1.6	10	-0.41	<20
Lead	0.50	.094	.13	-0.012	<0.50
Magnesium	100	10	20		
Manganese	1.0	.079	.51	0.017	<1.0
Molybdenum	1.0	.037	.2	0.019	<1.0
Nickel	2.0	.098	.5	-0.0068	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	50		
Selenium	0.40	.05	.1	0.0057	<0.40
Silver	0.10	.0081	.025	0.0015	<0.10
Sodium	500	10	70		
Strontium	20	.1	5		
Thallium	0.20	.032	.05	-0.014	<0.20
Tin	10	.22	2.5		
Titanium	2.0	.05	.5		
Uranium	0.20	.015	.05	0.0014	<0.20
Vanadium	1.0	.14	.2	-0.0057	<1.0
Zinc	10	.05	2	0.21	<10

Associated samples MP40286: DA68006-1F, DA68006-2F, DA68006-3F, DA68006-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA68006
 Account: STEWC0FC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP40286
 Matrix Type: AQUEOUS

Methods: EPA 200.8
 Units: ug/l

Prep Date: 10/18/24

Metal	DA67978-1F Original MS		Spikelet ICPMS5	% Rec	QC Limits
Aluminum	4.2	892	1000	88.8	70-130
Antimony	1.2	113	100	111.8	70-130
Arsenic	0.90	204	200	101.6	70-130
Barium	41.4	431	400	97.4	70-130
Beryllium	0.0	102	100	102.0	70-130
Boron	134	577	400	110.8	70-130
Cadmium	0.0	101	100	101.0	70-130
Calcium					
Chromium	0.29	91.3	100	91.0	70-130
Cobalt	0.19	97.3	100	97.1	70-130
Copper	6.2	105	100	98.8	70-130
Iron	23.5	1010	1000	98.7	70-130
Lead	0.10	199	200	99.5	70-130
Magnesium					
Manganese	1.4	200	200	99.3	70-130
Molybdenum	2.9	104	100	101.1	70-130
Nickel	0.95	96.9	100	96.0	70-130
Phosphorus					
Potassium					
Selenium	0.38	200	200	99.8	70-130
Silver	0.0	38.7	40	96.8	70-130
Sodium					
Strontium					
Thallium	0.12	202	200	100.9	70-130
Tin					
Titanium					
Uranium	4.8	203	200	99.1	70-130
Vanadium	0.98	91.9	100	90.9	70-130
Zinc	18.8	116	100	97.2	70-130

Associated samples MP40286: DA68006-1F, DA68006-2F, DA68006-3F, DA68006-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40286
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 10/18/24

Metal	DA67978-1F Original	MSD	Spikelet ICPMS5	% Rec	MSD RPD	QC Limit
Aluminum	4.2	885	1000	88.1	0.8	20
Antimony	1.2	111	100	109.8	2.0	20
Arsenic	0.90	203	200	101.1	0.5	20
Barium	41.4	433	400	97.9	0.5	20
Beryllium	0.0	101	100	101.0	1.0	20
Boron	134	581	400	111.8	0.7	20
Cadmium	0.0	101	100	101.0	0.0	20
Calcium						
Chromium	0.29	91.5	100	91.2	0.2	20
Cobalt	0.19	97.6	100	97.4	0.3	20
Copper	6.2	104	100	97.8	1.0	20
Iron	23.5	1010	1000	98.7	0.0	20
Lead	0.10	198	200	99.0	0.5	20
Magnesium						
Manganese	1.4	201	200	99.8	0.5	20
Molybdenum	2.9	105	100	102.1	1.0	20
Nickel	0.95	97.5	100	96.6	0.6	20
Phosphorus						
Potassium						
Selenium	0.38	199	200	99.3	0.5	20
Silver	0.0	39.1	40	97.8	1.0	20
Sodium						
Strontium						
Thallium	0.12	201	200	100.4	0.5	20
Tin						
Titanium						
Uranium	4.8	201	200	98.1	1.0	20
Vanadium	0.98	92.1	100	91.1	0.2	20
Zinc	18.8	115	100	96.2	0.9	20

Associated samples MP40286: DA68006-1F, DA68006-2F, DA68006-3F, DA68006-4F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA68006
 Account: STEWC0FC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP40286
 Matrix Type: AQUEOUS

Methods: EPA 200.8
 Units: ug/l

Prep Date: 10/18/24

Metal	BSP Result	SpikeLot ICPMS5	% Rec	QC Limits
Aluminum	976	1000	97.6	85-115
Antimony	111	100	111.0	85-115
Arsenic	205	200	102.5	85-115
Barium	386	400	96.5	85-115
Beryllium	101	100	101.0	85-115
Boron	420	400	105.0	85-115
Cadmium	102	100	102.0	85-115
Calcium				
Chromium	103	100	103.0	85-115
Cobalt	98.4	100	98.4	85-115
Copper	99.7	100	99.7	85-115
Iron	978	1000	97.8	85-115
Lead	196	200	98.0	85-115
Magnesium				
Manganese	201	200	100.5	85-115
Molybdenum	99.2	100	99.2	85-115
Nickel	97.8	100	97.8	85-115
Phosphorus				
Potassium				
Selenium	205	200	102.5	85-115
Silver	40.1	40	100.3	85-115
Sodium				
Strontium				
Thallium	196	200	98.0	85-115
Tin				
Titanium				
Uranium	189	200	94.5	85-115
Vanadium	103	100	103.0	85-115
Zinc	102	100	102.0	85-115

Associated samples MP40286: DA68006-1F, DA68006-2F, DA68006-3F, DA68006-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40313
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 10/25/24

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	0.012	<0.10

Associated samples MP40313: DA68006-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

5.4.2

Methods: EPA 245.1
Units: ug/l

10/25/24

Associated samples MP40313: DA68006-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

5.4.2



Methods: EPA 245.1
Units: ug/l

10/25/24

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA68006
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40313
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 10/25/24

Metal	BSP Result	SpikeLot HGWSR1	% Rec	QC Limits
Mercury	1.1	1	110.0	85-115

Associated samples MP40313: DA68006-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

5.4.3
5

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40316
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 10/18/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	100	46	50		
Antimony	30	14	20		
Arsenic	25	22	7		
Barium	10	.3	3		
Beryllium	10	1	2		
Boron	50	3.3	10		
Cadmium	10	1.9	5		
Calcium	400	6.6	61		
Chromium	10	1.1	2		
Cobalt	5.0	2.7	4		
Copper	10	4.6	6		
Iron	20	8.9	10		
Lead	50	13	15		
Lithium	5.0	.6	4	13.5	* (a)
Magnesium	200	50	40		
Manganese	5.0	.5	1		
Molybdenum	10	8.5	3		
Nickel	30	6.2	10		
Phosphorus	150	91	110		
Potassium	1000	84	300		
Selenium	50	30	30		
Silicon	200	41	150		
Silver	30	.6	5		
Sodium	400	13	150		
Strontium	5.0	.1	1		
Thallium	12	17	11		
Tin	60	41	51		
Titanium	10	.5	2		
Uranium	50	3.9	20		
Vanadium	10	.9	2		
Zinc	30	9	7		

Associated samples MP40316: DA68006-1F, DA68006-2F, DA68006-3F, DA68006-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40316
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 10/18/24

Metal	RL	IDL	MDL	MB raw	final
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(anr) Analyte not requested

(a) Element detected in the MB greater than 1/2 the reporting limit. Reported samples are below the project screening limit.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40316
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 10/18/24

Metal	DA68166-29 Original MS		SpikeLot ICPALL5 % Rec		QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium	24.8	226	200	100.6	70-130
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP40316: DA68006-1F, DA68006-2F, DA68006-3F, DA68006-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

5.5.2
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40316
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 10/18/24

Metal	DA68166-29 Original MS	SpikeLot ICPALL5	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

5.5.2
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40316
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 10/18/24

Metal	DA68166-29 Original	MSD	SpikeLot ICPALL5	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium	24.8	227	200	101.1	0.4	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP40316: DA68006-1F, DA68006-2F, DA68006-3F, DA68006-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

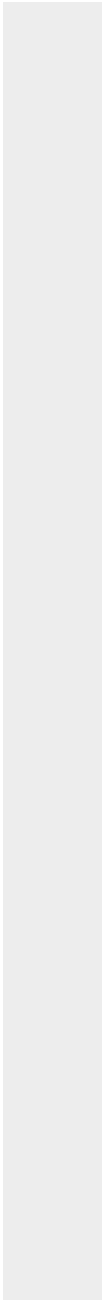
QC Batch ID: MP40316
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 10/18/24

Metal	DA68166-29 Original MSD	SpikeLot ICPALL5	% Rec	MSD RPD	QC Limit
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(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested



5.5.2
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40316
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 10/18/24

Metal	BSP Result	SpikeLot ICPALL5	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium	217	200	108.5	85-115
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP40316: DA68006-1F, DA68006-2F, DA68006-3F, DA68006-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

5.5.3
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA68006
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

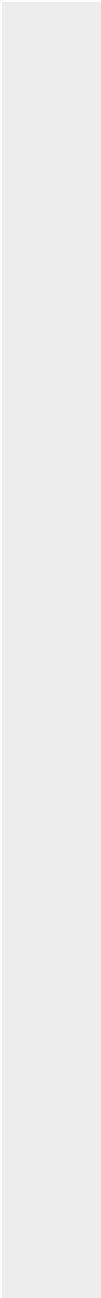
QC Batch ID: MP40316
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 10/18/24

Metal	BSP Result	SpikeLot ICPALL5	% Rec	QC Limits
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(anr) Analyte not requested



5.5.3
5

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA68006
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chloride	GP37546/GN64979	0.50	0.0	mg/l	5	5.05	101.0	90-110%
Chloride	GP37575/GN65038	0.50	0.0	mg/l	5	5.01	100.2	90-110%
Fluoride	GP37575/GN65038	0.10	0.0	mg/l	1	1.01	101.0	90-110%
Nitrogen, Nitrate	GP37546/GN64979	0.010	0.0	mg/l	0.1	0.107	107.0	90-110%
Nitrogen, Nitrate	GP37575/GN65038	0.010	0.0	mg/l	0.1	0.103	103.0	90-110%
Nitrogen, Nitrite	GP37546/GN64979	0.0040	0.0	mg/l	0.05	0.0501	100.2	90-110%
Nitrogen, Nitrite	GP37575/GN65038	0.0040	0.0	mg/l	0.05	0.0509	101.8	90-110%
Solids, Total Dissolved	GN65007	10	0.0	mg/l	250	984	98.4	90-110%
Sulfate	GP37546/GN64979	0.50	0.0	mg/l	5	5.03	100.6	90-110%
Sulfate	GP37575/GN65038	0.50	0.0	mg/l	5	4.95	99.0	90-110%

Associated Samples:

Batch GN65007: DA68006-1, DA68006-2, DA68006-3, DA68006-4

Batch GP37546: DA68006-1, DA68006-2, DA68006-3, DA68006-4

Batch GP37575: DA68006-2, DA68006-3, DA68006-4

(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA68006
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Solids, Total Dissolved	GN65007	DA68075-3	mg/l	8110	8580	5.6*(a)	0-5.44%

Associated Samples:

Batch GN65007: DA68006-1, DA68006-2, DA68006-3, DA68006-4

(*) Outside of QC limits

(a) High RPD due to possible sample nonhomogeneity.

6.2

6

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA68006
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chloride	GP37546/GN64979	DA68008-2	mg/l	232	125	345	90.4	80-120%
Chloride	GP37575/GN65038	DA68124-1	mg/l	3.0	25	28.7	102.8	80-120%
Fluoride	GP37575/GN65038	DA68124-1	mg/l	0.24	5	5.5	105.2	80-120%
Fluoride	GP37575/GN65038	DA68124-1	mg/l	0.25 U	5	5.5	105.2	80-120%
Nitrogen, Nitrate	GP37546/GN64979	DA68008-2	mg/l	1.0	2.5	3.6	104.0	80-120%
Nitrogen, Nitrate	GP37575/GN65038	DA68124-1	mg/l	0.036	0.5	0.56	112.0	80-120%
Nitrogen, Nitrite	GP37546/GN64979	DA68008-2	mg/l	0.075 U	1.25	1.2	96.0	80-120%
Nitrogen, Nitrite	GP37575/GN65038	DA68124-1	mg/l	0.0030 U	0.25	0.24	96.0	80-120%
Sulfate	GP37546/GN64979	DA68008-2	mg/l	203	125	323	96.0	80-120%
Sulfate	GP37575/GN65038	DA68124-1	mg/l	20.8	25	45.7	99.6	80-120%

Associated Samples:

Batch GP37546: DA68006-1, DA68006-2, DA68006-3, DA68006-4

Batch GP37575: DA68006-2, DA68006-3, DA68006-4

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA68006
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Chloride	GP37546/GN64979	DA68008-2	mg/l	232	125	341	1.2	20%
Chloride	GP37575/GN65038	DA68124-1	mg/l	3.0	25	27.7	3.5	20%
Fluoride	GP37575/GN65038	DA68124-1	mg/l	0.24	5	5.4	1.8	20%
Fluoride	GP37575/GN65038	DA68124-1	mg/l	0.25 U	5	5.4	1.8	20%
Nitrogen, Nitrate	GP37546/GN64979	DA68008-2	mg/l	1.0	2.5	3.5	2.8	20%
Nitrogen, Nitrate	GP37575/GN65038	DA68124-1	mg/l	0.036	0.5	0.54	3.6	20%
Nitrogen, Nitrite	GP37546/GN64979	DA68008-2	mg/l	0.075 U	1.25	1.1	8.7	20%
Nitrogen, Nitrite	GP37575/GN65038	DA68124-1	mg/l	0.0030 U	0.25	0.24	0.0	20%
Sulfate	GP37546/GN64979	DA68008-2	mg/l	203	125	318	1.6	20%
Sulfate	GP37575/GN65038	DA68124-1	mg/l	20.8	25	44.9	1.8	20%

Associated Samples:

Batch GP37546: DA68006-1, DA68006-2, DA68006-3, DA68006-4

Batch GP37575: DA68006-2, DA68006-3, DA68006-4

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

6.4
6

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

[illegible]

DA68006: Chain of Custody

Page 1 of 2

SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA68006

Client: SGS NORTH AMERICA INC.

Project: OGILVY RIVER

Date / Time Received: 10/16/2024 10:40:00 AM

Delivery Method: FEDEX

Airbill #s:

Cooler Temps (Raw Measured) °C: Cooler 1: (2.5);

Cooler Temps (Corrected) °C: Cooler 1: (2.9);

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | ☒ | ☐ | 3. COC Present: | ☒ | ☐ |
| 2. Custody Seals Intact: | ☒ | ☐ | 4. Smpl Dates/Time OK | ☒ | ☐ |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | ☒ | ☐ |
| 2. Cooler temp verification: | IR-50 | |
| 3. Cooler media: | Ice (Bag) | |
| 4. No. Coolers: | 1 | |

Quality Control Preservation

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | ☐ | ☒ | ☐ |
| 2. Trip Blank listed on COC: | ☐ | ☒ | ☐ |
| 3. Samples preserved properly: | ☒ | ☐ | |
| 4. VOCs headspace free: | ☐ | ☐ | ☒ |

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | ☒ | ☐ |
| 2. Container labeling complete: | ☒ | ☐ |
| 3. Sample container label / COC agree: | ☒ | ☐ |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | ☒ | ☐ |
| 2. All containers accounted for: | ☒ | ☐ |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N

N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | ☒ | ☐ | |
| 2. Bottles received for unspecified tests | ☐ | ☒ | |
| 3. Sufficient volume recvd for analysis: | ☒ | ☐ | |
| 4. Compositing instructions clear: | ☐ | ☐ | ☒ |
| 5. Filtering instructions clear: | ☐ | ☐ | ☒ |

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

DA68006: Chain of Custody

Page 2 of 2

General Chemistry

QC Data Summaries

(SGS Dayton, NJ)

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA68006
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWC0FC: Ogilvy River

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Nitrogen, Nitrate + Nitrite	GP57320/GN61131	0.10	0.0	mg/l	2	2.02	101.0	90-110%

Associated Samples:
Batch GP57320: DA68006-1, DA68006-2, DA68006-3, DA68006-4
(*) Outside of QC limits

8.1
8

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA68006
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWC0FC: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Nitrogen, Nitrate + Nitrite	GP57320/GN61131	JD97782-3	mg/l	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP57320: DA68006-1, DA68006-2, DA68006-3, DA68006-4
(*) Outside of QC limits

8.2
8

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA68006
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWC0FC: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Nitrogen, Nitrate + Nitrite	GP57320/GN61131	JD97782-3	mg/l	0.0	2	2.0	100.0	90-110%

Associated Samples:
Batch GP57320: DA68006-1, DA68006-2, DA68006-3, DA68006-4
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits



The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Stewart Environmental

Ogilvy River

SGS Job Number: DA70096

Sampling Date: 01/23/25

Report to:

Stewart Environmental Consultants
3801 Automation Way Suite 200
Fort Collins, CO 80525
dave.stewart@stewartenv.com; jcyork@j-tconsulting.com
ATTN: Dave Stewart

Total number of pages in report: 49



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.



Eric Hoffman

Client Service contact: Parna Payandeh 303-425-6021

Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

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Test results relate only to samples analyzed.

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Sample Summary

Stewart Environmental
Ogilvy River

Job No: DA70096

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
DA70096-1	01/23/25	16:40 DS	01/24/25	AQ	Water	MW-1
DA70096-1F	01/23/25	16:40 DS	01/24/25	AQ	Water Filtered	MW-1
DA70096-2	01/23/25	17:30 DS	01/24/25	AQ	Water	MW-2
DA70096-2F	01/23/25	17:30 DS	01/24/25	AQ	Water Filtered	MW-2
DA70096-3	01/23/25	16:00 DS	01/24/25	AQ	Water	MW-3
DA70096-3F	01/23/25	16:00 DS	01/24/25	AQ	Water Filtered	MW-3
DA70096-4	01/23/25	18:20 DS	01/24/25	AQ	Water	MW-4
DA70096-4F	01/23/25	18:20 DS	01/24/25	AQ	Water Filtered	MW-4

Summary of Hits

Page 1 of 2

Job Number: DA70096
Account: Stewart Environmental
Project: Ogilvy River
Collected: 01/23/25

2

Lab Sample ID	Client Sample ID	Result/ Analyte Qual	RL	MDL	Units	Method
DA70096-1 MW-1						
Fluoride		0.56	0.50		mg/l	EPA 300.0
Chloride		192	13		mg/l	EPA 300.0
Sulfate		461	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a		9.0	0.30		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved		1290	10		mg/l	SM 2540C-2011
DA70096-1F MW-1						
Arsenic		0.82	0.20		ug/l	EPA 200.8
Barium		54.3	2.0		ug/l	EPA 200.8
Boron		242	40		ug/l	EPA 200.8
Cobalt		1.1	0.20		ug/l	EPA 200.8
Copper		3.1	2.0		ug/l	EPA 200.8
Lithium		74.8	10		ug/l	EPA 200.7
Manganese		45.1	1.0		ug/l	EPA 200.8
Molybdenum		2.0	1.0		ug/l	EPA 200.8
Uranium		51.6	0.20		ug/l	EPA 200.8
Vanadium		1.3	1.0		ug/l	EPA 200.8
DA70096-2 MW-2						
Fluoride		0.94	0.50		mg/l	EPA 300.0
Chloride		77.6	13		mg/l	EPA 300.0
Sulfate		720	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a		8.9	0.30		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved		1410	10		mg/l	SM 2540C-2011
DA70096-2F MW-2						
Arsenic		0.74	0.20		ug/l	EPA 200.8
Barium		53.1	2.0		ug/l	EPA 200.8
Boron		320	40		ug/l	EPA 200.8
Cobalt		0.33	0.20		ug/l	EPA 200.8
Iron		65.5	20		ug/l	EPA 200.8
Lithium		98.8	10		ug/l	EPA 200.7
Manganese		143	1.0		ug/l	EPA 200.8
Molybdenum		9.6	1.0		ug/l	EPA 200.8
Selenium		3.1	0.40		ug/l	EPA 200.8
Uranium		51.6	0.20		ug/l	EPA 200.8
DA70096-3 MW-3						
Fluoride		0.57	0.50		mg/l	EPA 300.0

Summary of Hits

Job Number: DA70096
Account: Stewart Environmental
Project: Ogilvy River
Collected: 01/23/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Analyte						

Chloride		94.8	13		mg/l	EPA 300.0
Sulfate		508	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a		10.6	0.30		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved		1060	10		mg/l	SM 2540C-2011

DA70096-3F MW-3

Arsenic		0.29	0.20		ug/l	EPA 200.8
Barium		45.0	2.0		ug/l	EPA 200.8
Boron		241	40		ug/l	EPA 200.8
Cobalt		0.26	0.20		ug/l	EPA 200.8
Lithium		43.3	10		ug/l	EPA 200.7
Manganese		31.6	1.0		ug/l	EPA 200.8
Molybdenum		1.6	1.0		ug/l	EPA 200.8
Selenium		0.52	0.40		ug/l	EPA 200.8
Uranium		50.1	0.20		ug/l	EPA 200.8

DA70096-4 MW-4

Fluoride		0.18	0.10		mg/l	EPA 300.0
Chloride		96.7	13		mg/l	EPA 300.0
Sulfate		490	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a		10.8	0.30		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved		1100	10		mg/l	SM 2540C-2011

DA70096-4F MW-4

Arsenic		0.27	0.20		ug/l	EPA 200.8
Barium		25.1	2.0		ug/l	EPA 200.8
Boron		254	40		ug/l	EPA 200.8
Cobalt		0.20	0.20		ug/l	EPA 200.8
Lithium		30.0	10		ug/l	EPA 200.7
Manganese		46.2	1.0		ug/l	EPA 200.8
Molybdenum		1.3	1.0		ug/l	EPA 200.8
Uranium		55.0	0.20		ug/l	EPA 200.8

(a) Analysis performed at SGS Dayton, NJ.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: MW-1
Lab Sample ID: DA70096-1
Matrix: AQ - Water
Project: Ogilvy River

Date Sampled: 01/23/25
Date Received: 01/24/25
Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.56	0.50	mg/l	5	01/28/25 12:14	AM	EPA 300.0
Chloride	192	13	mg/l	25	01/28/25 14:34	AM	EPA 300.0
Sulfate	461	13	mg/l	25	01/28/25 14:34	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	9.0	0.30	mg/l	3	01/30/25 18:21	ANJ	EPA 353.2/LACHAT
Nitrogen, Total Kjeldahl	< 0.20	0.20	mg/l	1	02/14/25 13:49	TH	EPA 351.2
Solids, Total Dissolved	1290	10	mg/l	1	01/28/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-1

Lab Sample ID: DA70096-1F

Matrix: AQ - Water Filtered

Project: Ogilvy River

Date Sampled: 01/23/25

Date Received: 01/24/25

Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Antimony	< 0.40	0.40	ug/l	1	01/28/25	02/06/25	CDL EPA 200.8 ³	EPA 200.8 ⁶
Arsenic	0.82	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Barium	54.3	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Beryllium	< 0.20	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Boron	242	40	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cadmium	< 0.10	0.10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Chromium	< 2.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cobalt	1.1	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Copper	3.1	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Iron	< 20	20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lead	< 0.50	0.50	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lithium	74.8	10	ug/l	1	01/28/25	02/10/25	CDL EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	45.1	1.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Mercury	< 0.10	0.10	ug/l	1	01/28/25	01/29/25	CDL EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	2.0	1.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Nickel	< 2.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Selenium	< 0.40	0.40	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Silver	< 0.10	0.10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Thallium	< 0.20	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Uranium	51.6	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Vanadium	1.3	1.0	ug/l	1	01/28/25	02/06/25	CDL EPA 200.8 ³	EPA 200.8 ⁶
Zinc	< 10	10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶

(1) Instrument QC Batch: MA18787

(2) Instrument QC Batch: MA18795

(3) Instrument QC Batch: MA18812

(4) Instrument QC Batch: MA18816

(5) Prep QC Batch: MP40695

(6) Prep QC Batch: MP40702

(7) Prep QC Batch: MP40756

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-2	Date Sampled:	01/23/25
Lab Sample ID:	DA70096-2	Date Received:	01/24/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Ogilvy River		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.94	0.50	mg/l	5	01/28/25 12:23	AM	EPA 300.0
Chloride	77.6	13	mg/l	25	01/28/25 14:42	AM	EPA 300.0
Sulfate	720	13	mg/l	25	01/28/25 14:42	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	8.9	0.30	mg/l	3	01/30/25 18:22	ANJ	EPA 353.2/LACHAT
Nitrogen, Total Kjeldahl	< 0.20	0.20	mg/l	1	02/14/25 13:50	TH	EPA 351.2
Solids, Total Dissolved	1410	10	mg/l	1	01/28/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-2
Lab Sample ID: DA70096-2F
Matrix: AQ - Water Filtered
Project: Ogilvy River

Date Sampled: 01/23/25
Date Received: 01/24/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Antimony	< 0.40	0.40	ug/l	1	01/28/25	02/06/25	CDL EPA 200.8 ³	EPA 200.8 ⁶
Arsenic	0.74	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Barium	53.1	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Beryllium	< 0.20	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Boron	320	40	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cadmium	< 0.10	0.10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Chromium	< 2.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cobalt	0.33	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Copper	< 2.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Iron	65.5	20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lead	< 0.50	0.50	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lithium	98.8	10	ug/l	1	01/28/25	02/10/25	CDL EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	143	1.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Mercury	< 0.10	0.10	ug/l	1	01/28/25	01/29/25	CDL EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	9.6	1.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Nickel	< 2.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Selenium	3.1	0.40	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Silver	< 0.10	0.10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Thallium	< 0.20	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Uranium	51.6	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Vanadium	< 1.0	1.0	ug/l	1	01/28/25	02/06/25	CDL EPA 200.8 ³	EPA 200.8 ⁶
Zinc	< 10	10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶

(1) Instrument QC Batch: MA18787

(2) Instrument QC Batch: MA18795

(3) Instrument QC Batch: MA18812

(4) Instrument QC Batch: MA18816

(5) Prep QC Batch: MP40695

(6) Prep QC Batch: MP40702

(7) Prep QC Batch: MP40756

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	01/23/25
Lab Sample ID:	DA70096-3	Date Received:	01/24/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Ogilvy River		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.57	0.50	mg/l	5	01/28/25 12:32	AM	EPA 300.0
Chloride	94.8	13	mg/l	25	01/28/25 14:51	AM	EPA 300.0
Sulfate	508	13	mg/l	25	01/28/25 14:51	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	10.6	0.30	mg/l	3	01/30/25 18:23	ANJ	EPA 353.2/LACHAT
Nitrogen, Total Kjeldahl	< 0.20	0.20	mg/l	1	02/14/25 13:50	TH	EPA 351.2
Solids, Total Dissolved	1060	10	mg/l	1	01/28/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-3

Lab Sample ID: DA70096-3F

Matrix: AQ - Water Filtered

Project: Ogilvy River

Date Sampled: 01/23/25

Date Received: 01/24/25

Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Antimony	< 0.40	0.40	ug/l	1	01/28/25	02/06/25	CDL EPA 200.8 ³	EPA 200.8 ⁶
Arsenic	0.29	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Barium	45.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Beryllium	< 0.20	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Boron	241	40	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cadmium	< 0.10	0.10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Chromium	< 2.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cobalt	0.26	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Copper	< 2.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Iron	< 20	20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lead	< 0.50	0.50	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lithium	43.3	10	ug/l	1	01/28/25	02/10/25	CDL EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	31.6	1.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Mercury	< 0.10	0.10	ug/l	1	01/28/25	01/29/25	CDL EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	1.6	1.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Nickel	< 2.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Selenium	0.52	0.40	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Silver	< 0.10	0.10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Thallium	< 0.20	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Uranium	50.1	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Vanadium	< 1.0	1.0	ug/l	1	01/28/25	02/06/25	CDL EPA 200.8 ³	EPA 200.8 ⁶
Zinc	< 10	10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶

(1) Instrument QC Batch: MA18787

(2) Instrument QC Batch: MA18795

(3) Instrument QC Batch: MA18812

(4) Instrument QC Batch: MA18816

(5) Prep QC Batch: MP40696

(6) Prep QC Batch: MP40702

(7) Prep QC Batch: MP40756

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	01/23/25
Lab Sample ID:	DA70096-4	Date Received:	01/24/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Ogilvy River		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.18	0.10	mg/l	1	01/28/25 15:25	AM	EPA 300.0
Chloride	96.7	13	mg/l	25	01/28/25 14:59	AM	EPA 300.0
Sulfate	490	13	mg/l	25	01/28/25 14:59	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	10.8	0.30	mg/l	3	01/30/25 18:24	ANJ	EPA 353.2/LACHAT
Nitrogen, Total Kjeldahl	< 0.20	0.20	mg/l	1	02/19/25 18:24	TH	EPA 351.2
Solids, Total Dissolved	1100	10	mg/l	1	01/28/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-4
Lab Sample ID: DA70096-4F
Matrix: AQ - Water Filtered
Project: Ogilvy River

Date Sampled: 01/23/25
Date Received: 01/24/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Antimony	< 0.40	0.40	ug/l	1	01/28/25	02/06/25	CDL EPA 200.8 ³	EPA 200.8 ⁶
Arsenic	0.27	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Barium	25.1	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Beryllium	< 0.20	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Boron	254	40	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cadmium	< 0.10	0.10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Chromium	< 2.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Cobalt	0.20	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Copper	< 2.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Iron	< 20	20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lead	< 0.50	0.50	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Lithium	30.0	10	ug/l	1	01/28/25	02/10/25	CDL EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	46.2	1.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Mercury	< 0.10	0.10	ug/l	1	01/28/25	01/29/25	CDL EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	1.3	1.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Nickel	< 2.0	2.0	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Selenium	< 0.40	0.40	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Silver	< 0.10	0.10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Thallium	< 0.20	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Uranium	55.0	0.20	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶
Vanadium	< 1.0	1.0	ug/l	1	01/28/25	02/06/25	CDL EPA 200.8 ³	EPA 200.8 ⁶
Zinc	< 10	10	ug/l	1	01/28/25	02/01/25	CDL EPA 200.8 ²	EPA 200.8 ⁶

(1) Instrument QC Batch: MA18787

(2) Instrument QC Batch: MA18795

(3) Instrument QC Batch: MA18812

(4) Instrument QC Batch: MA18816

(5) Prep QC Batch: MP40696

(6) Prep QC Batch: MP40702

(7) Prep QC Batch: MP40756

RL = Reporting Limit



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

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Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)		Matrix Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	NONE	HCl	NaOH	Na2S2O3	Na2SO3	Na2S2O4	Na2S2O5	Na2S2O6	Na2S2O7	Na2S2O8	Na2S2O9	Na2S2O10	Na2S2O11	Na2S2O12	Na2S2O13	Na2S2O14	Na2S2O15	Na2S2O16	Na2S2O17	Na2S2O18	Na2S2O19	Na2S2O20	Na2S2O21	Na2S2O22	Na2S2O23	Na2S2O24	Na2S2O25	Na2S2O26	Na2S2O27	Na2S2O28	Na2S2O29	Na2S2O30	Na2S2O31	Na2S2O32	Na2S2O33	Na2S2O34	Na2S2O35	Na2S2O36	Na2S2O37	Na2S2O38	Na2S2O39	Na2S2O40	Na2S2O41	Na2S2O42	Na2S2O43	Na2S2O44	Na2S2O45	Na2S2O46	Na2S2O47	Na2S2O48	Na2S2O49	Na2S2O50	Na2S2O51	Na2S2O52	Na2S2O53	Na2S2O54	Na2S2O55	Na2S2O56	Na2S2O57	Na2S2O58	Na2S2O59	Na2S2O60	Na2S2O61	Na2S2O62	Na2S2O63	Na2S2O64	Na2S2O65	Na2S2O66	Na2S2O67	Na2S2O68	Na2S2O69	Na2S2O70	Na2S2O71	Na2S2O72	Na2S2O73	Na2S2O74	Na2S2O75	Na2S2O76	Na2S2O77	Na2S2O78	Na2S2O79	Na2S2O80	Na2S2O81	Na2S2O82	Na2S2O83	Na2S2O84	Na2S2O85	Na2S2O86	Na2S2O87	Na2S2O88	Na2S2O89	Na2S2O90	Na2S2O91	Na2S2O92	Na2S2O93	Na2S2O94	Na2S2O95	Na2S2O96	Na2S2O97	Na2S2O98	Na2S2O99	Na2S2O100	Na2S2O101	Na2S2O102	Na2S2O103	Na2S2O104	Na2S2O105	Na2S2O106	Na2S2O107	Na2S2O108	Na2S2O109	Na2S2O110	Na2S2O111	Na2S2O112	Na2S2O113	Na2S2O114	Na2S2O115	Na2S2O116	Na2S2O117	Na2S2O118	Na2S2O119	Na2S2O120	Na2S2O121	Na2S2O122	Na2S2O123	Na2S2O124	Na2S2O125	Na2S2O126	Na2S2O127	Na2S2O128	Na2S2O129	Na2S2O130	Na2S2O131	Na2S2O132	Na2S2O133	Na2S2O134	Na2S2O135	Na2S2O136	Na2S2O137	Na2S2O138	Na2S2O139	Na2S2O140	Na2S2O141	Na2S2O142	Na2S2O143	Na2S2O144	Na2S2O145	Na2S2O146	Na2S2O147	Na2S2O148	Na2S2O149	Na2S2O150	Na2S2O151	Na2S2O152	Na2S2O153	Na2S2O154	Na2S2O155	Na2S2O156	Na2S2O157	Na2S2O158	Na2S2O159	Na2S2O160	Na2S2O161	Na2S2O162	Na2S2O163	Na2S2O164	Na2S2O165	Na2S2O166	Na2S2O167	Na2S2O168	Na2S2O169	Na2S2O170	Na2S2O171	Na2S2O172	Na2S2O173	Na2S2O174	Na2S2O175	Na2S2O176	Na2S2O177	Na2S2O178	Na2S2O179	Na2S2O180	Na2S2O181	Na2S2O182	Na2S2O183	Na2S2O184	Na2S2O185	Na2S2O186	Na2S2O187	Na2S2O188	Na2S2O189	Na2S2O190	Na2S2O191	Na2S2O192	Na2S2O193	Na2S2O194	Na2S2O195	Na2S2O196	Na2S2O197	Na2S2O198	Na2S2O199	Na2S2O200	Na2S2O201	Na2S2O202	Na2S2O203	Na2S2O204	Na2S2O205	Na2S2O206	Na2S2O207	Na2S2O208	Na2S2O209	Na2S2O210	Na2S2O211	Na2S2O212	Na2S2O213	Na2S2O214	Na2S2O215	Na2S2O216	Na2S2O217	Na2S2O218	Na2S2O219	Na2S2O220	Na2S2O221	Na2S2O222	Na2S2O223	Na2S2O224	Na2S2O225	Na2S2O226	Na2S2O227	Na2S2O228	Na2S2O229	Na2S2O230	Na2S2O231	Na2S2O232	Na2S2O233	Na2S2O234	Na2S2O235	Na2S2O236	Na2S2O237	Na2S2O238	Na2S2O239	Na2S2O240	Na2S2O241	Na2S2O242	Na2S2O243	Na2S2O244	Na2S2O245	Na2S2O246	Na2S2O247	Na2S2O248	Na2S2O249	Na2S2O250	Na2S2O251	Na2S2O252	Na2S2O253	Na2S2O254	Na2S2O255	Na2S2O256	Na2S2O257	Na2S2O258	Na2S2O259	Na2S2O260	Na2S2O261	Na2S2O262	Na2S2O263	Na2S2O264	Na2S2O265	Na2S2O266	Na2S2O267	Na2S2O268	Na2S2O269	Na2S2O270	Na2S2O271	Na2S2O272	Na2S2O273	Na2S2O274	Na2S2O275	Na2S2O276	Na2S2O277	Na2S2O278	Na2S2O279	Na2S2O280	Na2S2O281	Na2S2O282	Na2S2O283	Na2S2O284	Na2S2O285	Na2S2O286	Na2S2O287	Na2S2O288	Na2S2O289	Na2S2O290	Na2S2O291	Na2S2O292	Na2S2O293	Na2S2O294	Na2S2O295	Na2S2O296	Na2S2O297	Na2S2O298	Na2S2O299	Na2S2O300	Na2S2O301	Na2S2O302	Na2S2O303	Na2S2O304	Na2S2O305	Na2S2O306	Na2S2O307	Na2S2O308	Na2S2O309	Na2S2O310	Na2S2O311	Na2S2O312	Na2S2O313	Na2S2O314	Na2S2O315	Na2S2O316	Na2S2O317	Na2S2O318	Na2S2O319	Na2S2O320	Na2S2O321	Na2S2O322	Na2S2O323	Na2S2O324	Na2S2O325	Na2S2O326	Na2S2O327	Na2S2O328	Na2S2O329	Na2S2O330	Na2S2O331	Na2S2O332	Na2S2O333	Na2S2O334	Na2S2O335	Na2S2O336	Na2S2O337	Na2S2O338	Na2S2O339	Na2S2O340	Na2S2O341	Na2S2O342	Na2S2O343	Na2S2O344	Na2S2O345	Na2S2O346	Na2S2O347	Na2S2O348	Na2S2O349	Na2S2O350	Na2S2O351	Na2S2O352	Na2S2O353	Na2S2O354	Na2S2O355	Na2S2O356	Na2S2O357	Na2S2O358	Na2S2O359	Na2S2O360	Na2S2O361	Na2S2O362	Na2S2O363	Na2S2O364	Na2S2O365	Na2S2O366	Na2S2O367	Na2S2O368	Na2S2O369	Na2S2O370	Na2S2O371	Na2S2O372	Na2S2O373	Na2S2O374	Na2S2O375	Na2S2O376	Na2S2O377	Na2S2O378	Na2S2O379	Na2S2O380	Na2S2O381	Na2S2O382	Na2S2O383	Na2S2O384	Na2S2O385	Na2S2O386	Na2S2O387	Na2S2O388	Na2S2O389	Na2S2O390	Na2S2O391	Na2S2O392	Na2S2O393	Na2S2O394	Na2S2O395	Na2S2O396	Na2S2O397	Na2S2O398	Na2S2O399	Na2S2O400	Na2S2O401	Na2S2O402	Na2S2O403	Na2S2O404	Na2S2O405	Na2S2O406	Na2S2O407	Na2S2O408	Na2S2O409	Na2S2O410	Na2S2O411	Na2S2O412	Na2S2O413	Na2S2O414	Na2S2O415	Na2S2O416	Na2S2O417	Na2S2O418	Na2S2O419	Na2S2O420	Na2S2O421	Na2S2O422	Na2S2O423	Na2S2O424	Na2S2O425	Na2S2O426	Na2S2O427	Na2S2O428	Na2S2O429	Na2S2O430	Na2S2O431	Na2S2O432	Na2S2O433	Na2S2O434	Na2S2O435	Na2S2O436	Na2S2O437	Na2S2O438	Na2S2O439	Na2S2O440	Na2S2O441	Na2S2O442	Na2S2O443	Na2S2O444	Na2S2O445	Na2S2O446	Na2S2O447	Na2S2O448	Na2S2O449	Na2S2O450	Na2S2O451	Na2S2O452	Na2S2O453	Na2S2O454	Na2S2O455	Na2S2O456	Na2S2O457	Na2S2O458	Na2S2O459	Na2S2O460	Na2S2O461	Na2S2O462	Na2S2O463	Na2S2O464	Na2S2O465	Na2S2O466	Na2S2O467	Na2S2O468	Na2S2O469	Na2S2O470	Na2S2O471	Na2S2O472	Na2S2O473	Na2S2O474	Na2S2O475	Na2S2O476	Na2S2O477	Na2S2O478	Na2S2O479	Na2S2O480	Na2S2O481	Na2S2O482	Na2S2O483	Na2S2O484	Na2S2O485	Na2S2O486	Na2S2O487	Na2S2O488	Na2S2O489	Na2S2O490	Na2S2O491	Na2S2O492	Na2S2O493	Na2S2O494	Na2S2O495	Na2S2O496	Na2S2O497	Na2S2O498	Na2S2O499	Na2S2O500	Na2S2O501	Na2S2O502	Na2S2O503	Na2S2O504	Na2S2O505	Na2S2O506	Na2S2O507	Na2S2O508	Na2S2O509	Na2S2O510	Na2S2O511	Na2S2O512	Na2S2O513	Na2S2O514	Na2S2O515	Na2S2O516	Na2S2O517	Na2S2O518	Na2S2O519	Na2S2O520	Na2S2O521	Na2S2O522	Na2S2O523	Na2S2O524	Na2S2O525	Na2S2O526	Na2S2O527	Na2S2O528	Na2S2O529	Na2S2O530	Na2S2O531	Na2S2O532	Na2S2O533	Na2S2O534	Na2S2O535	Na2S2O536	Na2S2O537	Na2S2O538	Na2S2O539	Na2S2O540	Na2S2O541	Na2S2O542	Na2S2O543	Na2S2O544	Na2S2O545	Na2S2O546	Na2S2O547	Na2S2O548	Na2S2O549	Na2S2O550	Na2S2O551	Na2S2O552	Na2S2O553	Na2S2O554	Na2S2O555	Na2S2O556	Na2S2O557	Na2S2O558	Na2S2O559	Na2S2O560	Na2S2O561	Na2S2O562	Na2S2O563	Na2S2O564	Na2S2O565	Na2S2O566	Na2S2O567	Na2S2O568	Na2S2O569	Na2S2O570	Na2S2O571	Na2S2O572	Na2S2O573	Na2S2O574	Na2S2O575	Na2S2O576	Na2S2O577	Na2S2O578	Na2S2O579	Na2S2O580	Na2S2O581	Na2S2O582	Na2S2O583	Na2S2O584	Na2S2O585	Na2S2O586	Na2S2O587	Na2S2O588	Na2S2O589	Na2S2O590	Na2S2O591	Na2S2O592	Na2S2O593	Na2S2O594	Na2S2O595	Na2S2O596	Na2S2O597	Na2S2O598	Na2S2O599	Na2S2O600	Na2S2O601	Na2S2O602	Na2S2O603	Na2S2O604	Na2S2O605	Na2S2O606	Na2S2O607	Na2S2O608	Na2S2O609	Na2S2O610	Na2S2O611	Na2S2O612	Na2S2O613	Na2S2O614	Na2S2O615	Na2S2O616	Na2S2O617	Na2S2O618	Na2S2O619	Na2S2O620	Na2S2O621	Na2S2O622	Na2S2O623	Na2S2O624	Na2S2O625	Na2S2O626	Na2S2O627	Na2S2O628	Na2S2O629	Na2S2O630	Na2S2O631	Na2S2O632	Na2S2O633	Na2S2O634	Na2S2O635	Na2S2O636	Na2S2O637	Na2S2O638	Na2S2O639	Na2S2O640	Na2S2O641	Na2S2O642	Na2S2O643	Na2S2O644	Na2S2O645	Na2S2O646	Na2S2O647	Na2S2O648	Na2S2O649	Na2S2O650	Na2S2O651	Na2S2O652	Na2S2O653	Na2S2O654	Na2S2O655	Na2S2O656	Na2S2O657	Na2S2O658	Na2S2O659	Na2S2O660	Na2S2O661	Na2S2O662	Na2S2O663	Na2S2O664	Na2S2O665	Na2S2O666	Na2S2O667	Na2S2O668	Na2S2O669	Na2S2O670	Na2S2O671	Na2S2O672	Na2S2O673	Na2S2O674	Na2S2O675	Na2S2O676	Na2S2O677	Na2S2O678	Na2S2O679	Na2S2O680	Na2S2O681	Na2S2O682	Na2S2O683	Na2S2O684	Na2S2O685	Na2S2O686	Na2S2O687	Na2S2O688	Na2S2O689	Na2S2O690	Na2S2O691	Na2S2O692	Na2S2O693	Na2S2O694	Na2S2O695	Na2S2O696	Na2S2O697	Na2S2O698	Na2S2O699	Na2S2O700	Na2S2O701	Na2S2O702	Na2S2O703	Na2S2O704	Na2S2O705	Na2S2O706	Na2S2O707	Na2S2O708	Na2S2O709	Na2S2O710	Na2S2O711	Na2S2O712	Na2S2O713	Na2S2O714	Na2S2O715	Na2S2O716	Na2S2O717	Na2S2O718	Na2S2O719	Na2S2O720	Na2S2O721	Na2S2O722	Na2S2O723	Na2S2O724	Na2S2O725	Na2S2O726	Na2S2O727	Na2S2O728	Na2S2O729	Na2S2O730	Na2S2O731	Na2S2O732	Na2S2O733	Na2S2O734	Na2S2O735	Na2S2O736	Na2S2O737	Na2S2O738	Na2S2O739	Na2S2O740	Na2S2O741	Na2S2O742	Na2S2O743	Na2S2O744	Na2S2O745	Na2S2O746	Na2S2O747	Na2S2O748	Na2S2O749	Na2S2O750	Na2S2O751	Na2S2O752	Na2S2O753	Na2S2O754	Na2S2O755	Na2S2O756	Na2S2O757	Na2S2O758	Na2S2O759	Na2S2O760	Na2S2O761	Na2S2O762	Na2S2O763	Na2S2O764	Na2S2O765	Na2S2O766	Na2S2O767	Na2S2O768	Na2S2O769	Na2S2O770	Na2S2O771	Na2S2O772	Na2S2O773	Na2S2O774	Na2S2O775	Na2S2O776	Na2S2O777	Na2S2O778	Na2S2O779	Na2S2O780	Na2S2O781	Na2S2O782	Na2S2O783	Na2S2O784	Na2S2O785	Na2S2O786	Na2S2O787	Na2S2O788	Na2S2O789	Na2S2O790	Na2S2O791	Na2S2O792	Na2S2O793	Na2S2O794	Na2S2O795	Na2S2O796	Na2S2O797	Na2S2O798	Na2S2O799	Na2S2O800	Na2S2O801	Na2S2O802	Na2S2O803	Na2S2O804	Na2S2O805	Na2S2O806	Na2S2O807	Na2S2O808	Na2S2O809	Na2S2O810	Na2S2O811	Na2S2O812	Na2S2O813	Na2S2O814	Na2S2O815	Na2S2O816	Na2S2O817	Na2S2O818	Na2S2O819	Na2S2O820	Na2S2O821	Na2S2O822	Na2S2O823	Na2S2O824	Na2S2O825	Na2S2O826	Na2S2O827	Na2S2O828	Na2S2O829	Na2S2O830	Na2S2O831	Na2S2O832	Na2S2O833	Na2S2O834	Na2S2O835	Na2S2O836	Na2S2O837	Na2S2O838	Na2S2O839	Na2S2O840	Na2S2O841	Na2S2O842	Na2S2O843	Na2S2O844	Na2S2O845	Na2S2O846	Na2S2O847	Na2S2O848	Na2S2O849	Na2S2O850	Na2S2O851	Na2S2O852	Na2S2O853	Na2S2O854	Na2S2O855	Na2S2O856	Na2S2O857	Na2S2O858	Na2S2O859	Na2S2O860	Na2S2O861	Na2S2O862	Na2S2O863	Na2S2O864	Na2S2O865	Na2S2O866	Na2S2O867	Na2S2O868	Na2S2O869	Na2S2O870	Na2S2O871	Na2S2O872	Na2S2O873	Na2S2O874	Na2S2O875	Na2S2O876	Na2S2O877	Na2S2O878	Na2S2O879	Na2S2O880	Na2S2O881	Na2S2O882	Na2S2O883	Na2S2O884	Na2S2O885	Na2S2O886	Na2S2O887	Na2S2O888	Na2S2O889	Na2S2O890	Na2S2O891	Na2S2O892	Na2S2O893	Na2S2O894	Na2S2O895	Na2S2O896	Na2S2O897	Na2S2O898	Na2S2

SGS Sample Receipt Summary

Job Number: da70096 Client: STEWART Project: OGILVY RIVER
Date / Time Received: 1/24/2025 3:15:00 PM Delivery Method: hd Airbill #'s:

Cooler Temps (Raw Measured) °C: Cooler 1: (2.0);
Cooler Temps (Corrected) °C: Cooler 1: (2.0);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☒		☐
2. Custody Seals Intact:	☒		☐
3. Temp criteria achieved:	☒		☐
4. Cooler temp verification:			Bar Therm
5. Cooler media:			Ice (Bag)

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☒
2. Trip Blank listed on COC:	☐		☐	☒

	W	or	S	N/A
3. Type of TB Received	☐		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☒		☐	
2. Samples presented properly	☒		☐	
3. Suffiient volume/containers recv'd for analysi	☒		☐	
4. Condition of sample:			Intact	
5. Sample recv'd within HT	☒		☐	
6. Dates/Times/IDs on COC match sample labe	☐		☐	
7. VOCs have headspace	☐		☐	☒
8. Bottles received for unspecified tests	☐		☒	
9. Compositing instructions clear	☐		☐	☒
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☐
11. % Solids Jar Received?	☐		☐	☐
12. Residual Chlorine Present?	☐		☐	☐

Misc Information	
Number of Encores: 25 Gram	5 Gram
Test Strip Lot #: pH 0-3:	
Residual Chlorine Test Strip Lot	
	Number of Lab Filtered Metals
pH 10-12:	Other: (Specify)

Comments

SM001
Rev. Date 05/04/17 Technician: JEREMYD Date: 1/24/2025 4:08:37 PM Reviewer: Date:

Metals Analysis

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40695
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 01/28/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	-0.014	<0.10

Associated samples MP40695: DA70096-1F, DA70096-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA70096
 Account: STEWC0FC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP40695
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 01/28/25

Metal	DA70094-4F Original MS		SpikeLot HGWSR1	% Rec	QC Limits
Mercury	0.0	1.2	1	120.0	70-130

Associated samples MP40695: DA70096-1F, DA70096-2F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA70096
 Account: STEWCOFC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP40695
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 01/28/25

Metal	DA70094-4F Original MSD	SpikeLot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.0	1.2	1	120.0	0.0
					20

Associated samples MP40695: DA70096-1F, DA70096-2F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40695
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 01/28/25

Metal	BSP Result	SpikeLot HGWSR1	% Rec	QC Limits
Mercury	1.1	1	110.0	85-115

Associated samples MP40695: DA70096-1F, DA70096-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

5.1.3
5

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40696
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 01/28/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	-0.012	<0.10

Associated samples MP40696: DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA70096
 Account: STEWC0FC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP40696
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 01/28/25

Metal	DA70096-4F		SpikeLot		QC
	Original	MS	HGWSR1	% Rec	Limits
Mercury	0.0	1.1	1	110.0	70-130

Associated samples MP40696: DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA70096
 Account: STEWCOFC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP40696
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 01/28/25

Metal	DA70096-4F Original MSD		Spikelot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.0	1.2	1	120.0	8.7	20

Associated samples MP40696: DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40696
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 01/28/25

Metal	BSP Result	SpikeLot HGWSR1	% Rec	QC Limits
Mercury	1.1	1	110.0	85-115

Associated samples MP40696: DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

5.2.3
5

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40702
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 01/28/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	10	4.2	<50
Antimony	0.40	.01	.3	0.013	<0.40
Arsenic	0.20	.05	.05	0.0052	<0.20
Barium	2.0	.096	.3	0.060	<2.0
Beryllium	0.20	.077	.1	0.00099	<0.20
Boron	40	18	10	9.9	<40
Cadmium	0.10	.03	.05	0.0016	<0.10
Calcium	400	25	60		
Chromium	2.0	.087	.27	-0.011	<2.0
Cobalt	0.20	.04	.05	-0.0029	<0.20
Copper	2.0	.05	1.5	0.85	<2.0
Iron	20	1.6	10	4.1	<20
Lead	0.50	.094	.13	-0.0011	<0.50
Magnesium	100	10	20		
Manganese	1.0	.079	.51	0.051	<1.0
Molybdenum	1.0	.037	.2	-0.067	<1.0
Nickel	2.0	.098	.5	0.013	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	50		
Selenium	0.40	.05	.1	-0.00099	<0.40
Silver	0.10	.0081	.025	-0.00038	<0.10
Sodium	500	10	70		
Strontium	20	.1	5		
Thallium	0.20	.032	.05	-0.0034	<0.20
Tin	10	.22	2.5		
Titanium	2.0	.05	.5		
Uranium	0.20	.015	.05	0.014	<0.20
Vanadium	1.0	.14	.2	-0.038	<1.0
Zinc	10	.05	2	1.4	<10

Associated samples MP40702: DA70096-1F, DA70096-2F, DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40702
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 01/28/25

Metal	DA70095-4F Original MS		Spikelet ICPMS5	% Rec	QC Limits
Aluminum	6.0	845	1000	83.9	70-130
Antimony	0.22	119	100	118.8	70-130
Arsenic	0.28	196	200	97.9	70-130
Barium	42.0	400	400	89.9	70-130
Beryllium	0.0	95.4	100	95.4	70-130
Boron	205	609	400	101.0	70-130
Cadmium	0.0	96.4	100	96.4	70-130
Calcium					
Chromium	0.15	92.2	100	92.1	70-130
Cobalt	0.32	95.8	100	95.5	70-130
Copper	2.3	95.5	100	93.2	70-130
Iron	6.7	918	1000	91.2	70-130
Lead	0.0	203	200	101.5	70-130
Magnesium					
Manganese	13.4	210	200	98.3	70-130
Molybdenum	1.9	99.9	100	98.1	70-130
Nickel	1.8	93.9	100	92.2	70-130
Phosphorus					
Potassium					
Selenium	0.31	190	200	94.8	70-130
Silver	0.0	37.4	40	93.5	70-130
Sodium					
Strontium					
Thallium	0.032	203	200	101.5	70-130
Tin					
Titanium					
Uranium	14.7	208	200	96.9	70-130
Vanadium	0.59	93.4	100	92.8	70-130
Zinc	2.8	94.2	100	91.4	70-130

Associated samples MP40702: DA70096-1F, DA70096-2F, DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40702
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 01/28/25

Metal	DA70095-4F Original	MSD	Spikelet ICPMS5	% Rec	MSD RPD	QC Limit
Aluminum	6.0	875	1000	86.9	3.5	20
Antimony	0.22	118	100	117.8	0.8	20
Arsenic	0.28	199	200	99.4	1.5	20
Barium	42.0	407	400	91.7	1.7	20
Beryllium	0.0	98.8	100	98.8	3.5	20
Boron	205	621	400	104.0	2.0	20
Cadmium	0.0	95.8	100	95.8	0.6	20
Calcium						
Chromium	0.15	92.1	100	92.0	0.1	20
Cobalt	0.32	95.8	100	95.5	0.0	20
Copper	2.3	95.1	100	92.8	0.4	20
Iron	6.7	947	1000	94.1	3.1	20
Lead	0.0	202	200	101.0	0.5	20
Magnesium						
Manganese	13.4	208	200	97.3	1.0	20
Molybdenum	1.9	99.7	100	97.9	0.2	20
Nickel	1.8	93.2	100	91.5	0.7	20
Phosphorus						
Potassium						
Selenium	0.31	194	200	96.8	2.1	20
Silver	0.0	36.9	40	92.3	1.3	20
Sodium						
Strontium						
Thallium	0.032	202	200	101.0	0.5	20
Tin						
Titanium						
Uranium	14.7	214	200	99.9	2.8	20
Vanadium	0.59	93.3	100	92.7	0.1	20
Zinc	2.8	96.6	100	93.8	2.5	20

Associated samples MP40702: DA70096-1F, DA70096-2F, DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA70096
 Account: STEWC0FC - Stewart Environmental
 Project: Ogilvy River

QC Batch ID: MP40702
 Matrix Type: AQUEOUS

Methods: EPA 200.8
 Units: ug/l

Prep Date: 01/28/25

Metal	BSP Result	SpikeLot ICPMS5	% Rec	QC Limits
Aluminum	933	1000	93.3	85-115
Antimony	121	100	121.0*(a)	85-115
Arsenic	205	200	102.5	85-115
Barium	374	400	93.5	85-115
Beryllium	96.2	100	96.2	85-115
Boron	407	400	101.8	85-115
Cadmium	97.9	100	97.9	85-115
Calcium				
Chromium	99.6	100	99.6	85-115
Cobalt	98.1	100	98.1	85-115
Copper	98.4	100	98.4	85-115
Iron	939	1000	93.9	85-115
Lead	199	200	99.5	85-115
Magnesium				
Manganese	194	200	97.0	85-115
Molybdenum	95.3	100	95.3	85-115
Nickel	96.2	100	96.2	85-115
Phosphorus				
Potassium				
Selenium	201	200	100.5	85-115
Silver	39.2	40	98.0	85-115
Sodium				
Strontium				
Thallium	198	200	99.0	85-115
Tin				
Titanium				
Uranium	189	200	94.5	85-115
Vanadium	97.9	100	97.9	85-115
Zinc	101	100	101.0	85-115

Associated samples MP40702: DA70096-1F, DA70096-2F, DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Outside control limits biased high. Reported samples are ND or below project screening limits.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40756
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 01/28/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	100	46	50		
Antimony	30	14	20		
Arsenic	25	22	7		
Barium	10	.3	3		
Beryllium	10	1	2		
Boron	50	3.3	10		
Cadmium	10	1.9	5		
Calcium	400	6.6	61		
Chromium	10	1.1	2		
Cobalt	5.0	2.7	4		
Copper	10	4.6	6		
Iron	20	8.9	10		
Lead	50	13	15		
Lithium	10	.6	4	0.0	<10
Magnesium	200	50	40		
Manganese	5.0	.5	1		
Molybdenum	10	8.5	3		
Nickel	30	6.2	10		
Phosphorus	150	91	110		
Potassium	1000	84	300		
Selenium	50	30	30		
Silicon	200	41	150		
Silver	30	.6	5		
Sodium	400	13	150		
Strontium	5.0	.1	1		
Thallium	12	17	11		
Tin	60	41	51		
Titanium	10	.5	2		
Uranium	50	3.9	20		
Vanadium	10	.9	2		
Zinc	30	9	7		

Associated samples MP40756: DA70096-1F, DA70096-2F, DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40756
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 01/28/25

Metal	RL	IDL	MDL	MB raw	final
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(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40756
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 01/28/25

Metal	DA70095-4F Original MS		SpikeLot ICPALL5 % Rec		QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium	11.9	226	200	107.1	70-130
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP40756: DA70096-1F, DA70096-2F, DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

5.4.2
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40756
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 01/28/25

Metal	DA70095-4F Original MS	SpikeLot ICPALL5	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

5.4.2
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40756
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 01/28/25

Metal	DA70095-4F Original	MSD	SpikeLot ICPALL5	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium	11.9	211	200	99.6	6.9	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP40756: DA70096-1F, DA70096-2F, DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

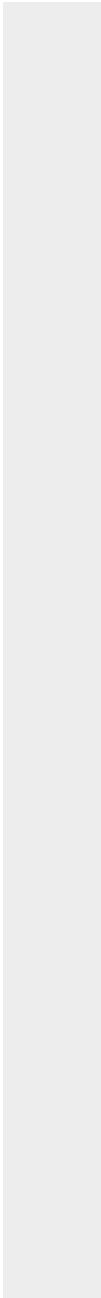
QC Batch ID: MP40756
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 01/28/25

Metal	DA70095-4F Original MSD	SpikeLot ICPALL5	% Rec	MSD RPD	QC Limit
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(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested



5.4.2
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

QC Batch ID: MP40756
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 01/28/25

Metal	BSP Result	SpikeLot ICPALL5	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium	217	200	108.5	85-115
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP40756: DA70096-1F, DA70096-2F, DA70096-3F, DA70096-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

5.4.3
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA70096
Account: STEWC0FC - Stewart Environmental
Project: Ogilvy River

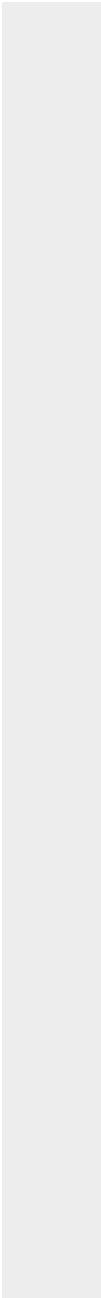
QC Batch ID: MP40756
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 01/28/25

Metal	BSP Result	SpikeLot ICPALL5	% Rec	QC Limits
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(anr) Analyte not requested



5.4.3
5

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA70096
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Bromide	GP38086/GN65905	0.050	0.0	mg/l	0.5	0.523	104.6	90-110%
Chloride	GP38086/GN65905	0.50	0.0	mg/l	5	5.32	106.4	90-110%
Fluoride	GP38086/GN65905	0.10	0.0	mg/l	1	1.08	108.0	90-110%
Nitrogen, Nitrate	GP38086/GN65905	0.010	0.0	mg/l	0.1	0.103	103.0	90-110%
Nitrogen, Nitrite	GP38086/GN65905	0.0040	0.0	mg/l	0.05	0.0546	109.2	90-110%
Nitrogen, Total Kjeldahl	GP38169/GN66064	0.20	0.0	mg/l	1	0.943	94.3	90-110%
Nitrogen, Total Kjeldahl	GP38213/GN66135	0.20	0.23*(a)	mg/l	1	0.999	99.9	90-110%
Solids, Total Dissolved	GN65903	10	0.0	mg/l	250	1000	100.4	90-110%
Sulfate	GP38086/GN65905	0.50	0.0	mg/l	5	5.37	107.4	90-110%

Associated Samples:

Batch GN65903: DA70096-1, DA70096-2, DA70096-3, DA70096-4

Batch GP38086: DA70096-1, DA70096-2, DA70096-3, DA70096-4

Batch GP38169: DA70096-1, DA70096-2, DA70096-3

Batch GP38213: DA70096-4

(*) Outside of QC limits

(a) CCB has a hit for TKN that is more the half the RL, the associated samples are either non-detect or have hits for TKN that are more than 10 times the hits in the CCB.

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA70096
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Bromide	GP38086/GN65905	DA70093-1	mg/l	0.0	2.5	2.5	100.0	80-120%
Chloride	GP38086/GN65905	DA70093-1	mg/l	37.5	25	61.6	96.4	80-120%
Fluoride	GP38086/GN65905	DA70093-1	mg/l	0.79	5	5.7	98.2	80-120%
Nitrogen, Nitrate	GP38086/GN65905	DA70093-1	mg/l	0.11	0.5	0.61	100.0	80-120%
Nitrogen, Nitrite	GP38086/GN65905	DA70093-1	mg/l	0.0	0.25	0.23	92.0	80-120%
Nitrogen, Total Kjeldahl	GP38169/GN66064	DA70094-2	mg/l	0.63	1	0.42	0.0N(a)	90-110%
Nitrogen, Total Kjeldahl	GP38213/GN66135	DA70331-51	mg/l	0.27	1	1.0	80.0N(a)	90-110%
Sulfate	GP38086/GN65905	DA70093-1	mg/l	592	25	580	-48.0(b)	80-120%

Associated Samples:

Batch GP38086: DA70096-1, DA70096-2, DA70096-3, DA70096-4

Batch GP38169: DA70096-1, DA70096-2, DA70096-3

Batch GP38213: DA70096-4

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA70096
Account: STEWCOFC - Stewart Environmental
Project: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Bromide	GP38086/GN65905	DA70093-1	mg/l	0.0	2.5	2.5	0.0	20%
Chloride	GP38086/GN65905	DA70093-1	mg/l	37.5	25	61.3	0.5	20%
Fluoride	GP38086/GN65905	DA70093-1	mg/l	0.79	5	5.7	0.0	20%
Nitrogen, Nitrate	GP38086/GN65905	DA70093-1	mg/l	0.11	0.5	0.60	1.7	20%
Nitrogen, Nitrite	GP38086/GN65905	DA70093-1	mg/l	0.0	0.25	0.23	0.0	20%
Sulfate	GP38086/GN65905	DA70093-1	mg/l	592	25	579	0.2	20%

Associated Samples:

Batch GP38086: DA70096-1, DA70096-2, DA70096-3, DA70096-4

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

Page 1 of 1

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

FED-EX Tracking #

SGS Quote #

Bottle Order Control #

SGS Job #

DA70096

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)												Matrix Codes					
Company Name: SGS North America Inc.		Project Name: Ogilvy River														DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank					
Street Address 4036 Youngfield Street		Street																			
City State Zip Wheat Ridge, CO 80033		City State																			
Project Contact E-mail pama.eskandaripayandeh@sgs.com		Project #																			
Phone # 303-425-6021		Client Purchase Order #																			
Sampler(s) Name(s) DS		Project Manager																			
Attention:																					
Turnaround Time (Business days)		Data Deliverable Information														Comments / Special Instructions					
Approved By (SGS PM): / Date:		Commercial "A" (Level 1) Commercial "B" (Level 2) REDT1 (Level 3) FULT1 (Level 4) Commercial "C"		State Forms EDD Format Other CL												Initial Assessment 3850 Label Verification					
☐ Standard 10 Day (business) ☐ 5 Business Days RUSH ☐ 3 Business Days RUSH ☐ 2 Business Days RUSH ☐ 1 Business Day EMERGENCY ☒ other Due 1/31/2025		Emergency & Rush T/A data available via Lablink. Approval needed for RUSH/Emergency TAT		Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data												http://www.sgs.com/en/terms-and-conditions					
Relinquished by Sampler: 1		Date Time: 1/27/25 2:00pm		Received By: 1 FedEx		Date Time: 1/28/25 9:50		Received By: 2 James Kim													
Relinquished by Sampler: 3		Date Time:		Received By: 3		Date Time:		Received By: 4													
Relinquished by: 5		Date Time:		Received By: 5		Custody Seal #		Intact Not intact		Preserved where applicable Therm. ID: On Ice Cooler Temp. 2.1											

DA70096: Chain of Custody

Page 1 of 2

SGS Dayton, NJ



SGS Sample Receipt Summary

Job Number: DA70096 **Client:** _____ **Project:** _____
Date / Time Received: 1/28/2025 9:50:00 AM **Delivery Method:** FED EX **Airbill #s:** 7444 9073 6041

Cooler Temps (Raw Measured) °C: Cooler 1: (2.1);

Cooler Temps (Corrected) °C: Cooler 1: (2.6);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☒		☐		3. COC Present:	☒	☐
2. Custody Seals Intact:	☒		☐		4. Smpl Dates/Time OK	☒	☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☒		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☒
2. Trip Blank listed on COC:	☐		☐	☒
3. Samples preserved properly:	☒		☐	
4. VOCs headspace free:	☐		☐	☒

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☒		☐
2. Container labeling complete:	☒		☐
3. Sample container label / COC agree:	☒		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☒		☐
2. All containers accounted for:	☒		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☒		☐	
2. Bottles received for unspecified tests	☐		☒	
3. Sufficient volume recvd for analysis:	☒		☐	
4. Compositing instructions clear:	☐		☐	☒
5. Filtering instructions clear:	☐		☐	☒

Test Strip Lot #s:	pH 1-12: 231619	pH 12+: 203117A	Other: (Specify) _____
--------------------	-----------------	-----------------	------------------------

Comments

SM089-03
Rev. Date 12/7/17

DA70096: Chain of Custody

Page 2 of 2

General Chemistry

QC Data Summaries

(SGS Dayton, NJ)

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA70096
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWC0FC: Ogilvy River

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Nitrogen, Nitrate + Nitrite	GP59068/GN64637	0.10	0.0	mg/l	2	2.19	109.5	90-110%

Associated Samples:
Batch GP59068: DA70096-1, DA70096-2, DA70096-3, DA70096-4
(*) Outside of QC limits

8.1
8

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA70096
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWC0FC: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Nitrogen, Nitrate + Nitrite	GP59068/GN64637	DA70094-1	mg/l	0.58	0.57	1.7	0-20%

Associated Samples:
Batch GP59068: DA70096-1, DA70096-2, DA70096-3, DA70096-4
(*) Outside of QC limits

8.2
8

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA70096
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWC0FC: Ogilvy River

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Nitrogen, Nitrate + Nitrite	GP59068/GN64637	DA70094-1	mg/l	0.58	2	2.5	96.0	90-110%

Associated Samples:

Batch GP59068: DA70096-1, DA70096-2, DA70096-3, DA70096-4

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Stewart Environmental

Sweet Valley Property

SGS Job Number: DA72268

Sampling Date: 05/09/25

Report to:

Stewart Environmental Consultants
3801 Automation Way Suite 200
Fort Collins, CO 80525
dave.stewart@stewartenv.com; jcyork@j-tconsulting.com
ATTN: Dave Stewart

Total number of pages in report: 74



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.



Eric Hoffman

Client Service contact: Parna Payandeh 303-425-6021

Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

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Test results relate only to samples analyzed.

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Sample Summary

Stewart Environmental
Sweet Valley Property

Job No: DA72268

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
DA72268-1	05/09/25	11:00 JB	05/09/25	AQ	Water	BERNHART MW-1
DA72268-1F	05/09/25	11:00 JB	05/09/25	AQ	Water Filtered	BERNHART MW-1
DA72268-2	05/09/25	13:10 JB	05/09/25	AQ	Water	BERNHART MW-2
DA72268-2F	05/09/25	13:10 JB	05/09/25	AQ	Water Filtered	BERNHART MW-2
DA72268-3	05/09/25	11:40 JB	05/09/25	AQ	Water	BERNHART MW-3
DA72268-3F	05/09/25	11:40 JB	05/09/25	AQ	Water Filtered	BERNHART MW-3
DA72268-4	05/09/25	12:30 JB	05/09/25	AQ	Water	BERNHART MW-4
DA72268-4F	05/09/25	12:30 JB	05/09/25	AQ	Water Filtered	BERNHART MW-4
DA72268-5	05/09/25	14:02 JB	05/09/25	AQ	Water	OGILVY RIVER MW-1
DA72268-5F	05/09/25	14:02 JB	05/09/25	AQ	Water Filtered	OGILVY RIVER MW-1
DA72268-6	05/09/25	14:30 JB	05/09/25	AQ	Water	OGILVY RIVER MW-2
DA72268-6F	05/09/25	14:30 JB	05/09/25	AQ	Water Filtered	OGILVY RIVER MW-2
DA72268-7	05/09/25	13:42 JB	05/09/25	AQ	Water	OGILVY RIVER MW-3



Sample Summary
(continued)

Stewart Environmental
Sweet Valley Property

Job No: DA72268

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
DA72268-7F	05/09/25	13:42 JB	05/09/25	AQ	Water Filtered	OGILVY RIVER MW-3
DA72268-8	05/09/25	13:51 JB	05/09/25	AQ	Water	OGILVY RIVER MW-4
DA72268-8F	05/09/25	13:51 JB	05/09/25	AQ	Water Filtered	OGILVY RIVER MW-4
DA72268-9	05/09/25	11:38 JB	05/09/25	AQ	Water	NEINING MW-1
DA72268-9F	05/09/25	11:38 JB	05/09/25	AQ	Water Filtered	NEINING MW-1
DA72268-10	05/09/25	12:03 JB	05/09/25	AQ	Water	NEINING MW-2
DA72268-10F	05/09/25	12:03 JB	05/09/25	AQ	Water Filtered	NEINING MW-2
DA72268-11	05/09/25	11:00 JB	05/09/25	AQ	Water	NEINING MW-3
DA72268-11F	05/09/25	11:00 JB	05/09/25	AQ	Water Filtered	NEINING MW-3
DA72268-12	05/09/25	12:23 JB	05/09/25	AQ	Water	EXISTING WELL
DA72268-12F	05/09/25	12:23 JB	05/09/25	AQ	Water Filtered	EXISTING WELL

Summary of Hits

Page 1 of 6

Job Number: DA72268
Account: Stewart Environmental
Project: Sweet Valley Property
Collected: 05/09/25

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Analyte						

DA72268-1 BERNHART MW-1

Fluoride	0.98	0.20	mg/l	EPA 300.0
Chloride	98.9	13	mg/l	EPA 300.0
Sulfate	545	13	mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	0.41	0.10	mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	940	10	mg/l	SM 2540C-2011

DA72268-1F BERNHART MW-1

Arsenic	0.40	0.20	ug/l	EPA 200.8
Barium	27.9	2.0	ug/l	EPA 200.8
Cobalt	0.94	0.20	ug/l	EPA 200.8
Iron	50.0	20	ug/l	EPA 200.8
Manganese	635	1.0	ug/l	EPA 200.8
Molybdenum	8.3	1.0	ug/l	EPA 200.8
Selenium	5.4	0.40	ug/l	EPA 200.8
Uranium	34.2	0.20	ug/l	EPA 200.8

DA72268-2 BERNHART MW-2

Fluoride	0.86	0.20	mg/l	EPA 300.0
Chloride	140	5.0	mg/l	EPA 300.0
Sulfate	282	5.0	mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	1.8	0.10	mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	729	10	mg/l	SM 2540C-2011

DA72268-2F BERNHART MW-2

Arsenic	0.43	0.20	ug/l	EPA 200.8
Barium	36.6	2.0	ug/l	EPA 200.8
Boron	208	40	ug/l	EPA 200.8
Cobalt	1.9	0.20	ug/l	EPA 200.8
Iron	27.0	20	ug/l	EPA 200.8
Lithium	13.4	10	ug/l	EPA 200.7
Manganese	399	1.0	ug/l	EPA 200.8
Molybdenum	5.9	1.0	ug/l	EPA 200.8
Nickel	4.4	2.0	ug/l	EPA 200.8
Selenium	0.86	0.40	ug/l	EPA 200.8
Uranium	25.6	0.20	ug/l	EPA 200.8

DA72268-3 BERNHART MW-3

Fluoride	0.83	0.20	mg/l	EPA 300.0
Chloride	90.8	13	mg/l	EPA 300.0

Summary of Hits

Job Number: DA72268
Account: Stewart Environmental
Project: Sweet Valley Property
Collected: 05/09/25

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Sulfate		318	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a		0.48	0.10		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved		669	10		mg/l	SM 2540C-2011

DA72268-3F BERNHART MW-3

Aluminum	445	50		ug/l	EPA 200.8
Arsenic	0.37	0.20		ug/l	EPA 200.8
Barium	24.3	2.0		ug/l	EPA 200.8
Boron	206	40		ug/l	EPA 200.8
Cobalt	3.2	0.20		ug/l	EPA 200.8
Iron	563	20		ug/l	EPA 200.8
Manganese	713	1.0		ug/l	EPA 200.8
Molybdenum	8.3	1.0		ug/l	EPA 200.8
Nickel	2.7	2.0		ug/l	EPA 200.8
Selenium	2.0	0.40		ug/l	EPA 200.8
Uranium	31.0	0.20		ug/l	EPA 200.8

DA72268-4 BERNHART MW-4

Fluoride	0.75	0.20		mg/l	EPA 300.0
Chloride	154	5.0		mg/l	EPA 300.0
Sulfate	261	5.0		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	2.3	0.10		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	715	10		mg/l	SM 2540C-2011

DA72268-4F BERNHART MW-4

Antimony	0.45	0.40		ug/l	EPA 200.8
Arsenic	1.2	0.20		ug/l	EPA 200.8
Barium	40.1	2.0		ug/l	EPA 200.8
Boron	185	40		ug/l	EPA 200.8
Cobalt	1.6	0.20		ug/l	EPA 200.8
Copper	2.2	2.0		ug/l	EPA 200.8
Iron	33.6	20		ug/l	EPA 200.8
Lithium	21.2	10		ug/l	EPA 200.7
Manganese	328	1.0		ug/l	EPA 200.8
Molybdenum	4.6	1.0		ug/l	EPA 200.8
Selenium	2.4	0.40		ug/l	EPA 200.8
Uranium	15.9	0.20		ug/l	EPA 200.8

DA72268-5 OGILVY RIVER MW-1

Fluoride	0.48	0.20		mg/l	EPA 300.0
Chloride	154	13		mg/l	EPA 300.0

Summary of Hits

Job Number: DA72268
Account: Stewart Environmental
Project: Sweet Valley Property
Collected: 05/09/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Sulfate		559	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a		9.9	0.30		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved		1220	10		mg/l	SM 2540C-2011

DA72268-5F OGILVY RIVER MW-1

Arsenic	0.80	0.20		ug/l	EPA 200.8
Barium	53.4	2.0		ug/l	EPA 200.8
Boron	243	40		ug/l	EPA 200.8
Cobalt	1.0	0.20		ug/l	EPA 200.8
Lithium	77.3	10		ug/l	EPA 200.7
Manganese	33.0	1.0		ug/l	EPA 200.8
Molybdenum	2.2	1.0		ug/l	EPA 200.8
Uranium	55.8	0.20		ug/l	EPA 200.8
Vanadium	1.2	1.0		ug/l	EPA 200.8

DA72268-6 OGILVY RIVER MW-2

Fluoride	0.80	0.20		mg/l	EPA 300.0
Chloride	81.9	13		mg/l	EPA 300.0
Sulfate	725	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	8.6	0.30		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	1400	10		mg/l	SM 2540C-2011

DA72268-6F OGILVY RIVER MW-2

Arsenic	0.59	0.20		ug/l	EPA 200.8
Barium	54.3	2.0		ug/l	EPA 200.8
Boron	317	40		ug/l	EPA 200.8
Lithium	102	10		ug/l	EPA 200.7
Manganese	142	1.0		ug/l	EPA 200.8
Molybdenum	9.9	1.0		ug/l	EPA 200.8
Selenium	2.6	0.40		ug/l	EPA 200.8
Uranium	41.1	0.20		ug/l	EPA 200.8

DA72268-7 OGILVY RIVER MW-3

Fluoride	0.38	0.20		mg/l	EPA 300.0
Chloride	110	13		mg/l	EPA 300.0
Sulfate	572	13		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	11.9	0.30		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	1050	10		mg/l	SM 2540C-2011

Summary of Hits

Job Number: DA72268

Account: Stewart Environmental

Project: Sweet Valley Property

Collected: 05/09/25

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA72268-7F OGILVY RIVER MW-3

Arsenic	0.35	0.20			ug/l	EPA 200.8
Barium	34.3	2.0			ug/l	EPA 200.8
Boron	252	40			ug/l	EPA 200.8
Lithium	46.6	10			ug/l	EPA 200.7
Manganese	31.2	1.0			ug/l	EPA 200.8
Molybdenum	1.7	1.0			ug/l	EPA 200.8
Selenium	0.50	0.40			ug/l	EPA 200.8
Uranium	53.3	0.20			ug/l	EPA 200.8

DA72268-8 OGILVY RIVER MW-4

Fluoride	0.25	0.20			mg/l	EPA 300.0
Chloride	97.7	13			mg/l	EPA 300.0
Sulfate	477	13			mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	11.7	0.30			mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	1000	10			mg/l	SM 2540C-2011

DA72268-8F OGILVY RIVER MW-4

Arsenic	0.26	0.20			ug/l	EPA 200.8
Barium	25.6	2.0			ug/l	EPA 200.8
Boron	261	40			ug/l	EPA 200.8
Lithium	32.3	10			ug/l	EPA 200.7
Manganese	29.1	1.0			ug/l	EPA 200.8
Molybdenum	1.2	1.0			ug/l	EPA 200.8
Uranium	55.7	0.20			ug/l	EPA 200.8

DA72268-9 NEINING MW-1

Fluoride	1.0	0.20			mg/l	EPA 300.0
Chloride	169	5.0			mg/l	EPA 300.0
Sulfate	206	5.0			mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	5.9	0.20			mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved	700	10			mg/l	SM 2540C-2011

DA72268-9F NEINING MW-1

Arsenic	0.68	0.20			ug/l	EPA 200.8
Barium	99.2	2.0			ug/l	EPA 200.8
Boron	190	40			ug/l	EPA 200.8
Lithium	20.6	10			ug/l	EPA 200.7
Manganese	9.6	1.0			ug/l	EPA 200.8
Molybdenum	2.8	1.0			ug/l	EPA 200.8

Summary of Hits

Job Number: DA72268

Account: Stewart Environmental

Project: Sweet Valley Property

Collected: 05/09/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Selenium		1.0	0.40		ug/l	EPA 200.8
Uranium		3.9	0.20		ug/l	EPA 200.8

DA72268-10 NEINING MW-2

Fluoride		0.90	0.20		mg/l	EPA 300.0
Chloride		161	5.0		mg/l	EPA 300.0
Sulfate		193	5.0		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a		1.6	0.10		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved		683	10		mg/l	SM 2540C-2011

DA72268-10F NEINING MW-2

Arsenic		0.29	0.20		ug/l	EPA 200.8
Barium		50.8	2.0		ug/l	EPA 200.8
Boron		205	40		ug/l	EPA 200.8
Lithium		13.8	10		ug/l	EPA 200.7
Manganese		8.3	1.0		ug/l	EPA 200.8
Molybdenum		1.7	1.0		ug/l	EPA 200.8
Selenium		1.3	0.40		ug/l	EPA 200.8
Uranium		12.9	0.20		ug/l	EPA 200.8

DA72268-11 NEINING MW-3

Fluoride		0.99	0.20		mg/l	EPA 300.0
Chloride		173	5.0		mg/l	EPA 300.0
Sulfate		212	5.0		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a		8.2	0.30		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved		796	10		mg/l	SM 2540C-2011

DA72268-11F NEINING MW-3

Arsenic		0.46	0.20		ug/l	EPA 200.8
Barium		69.6	2.0		ug/l	EPA 200.8
Boron		219	40		ug/l	EPA 200.8
Cobalt		0.24	0.20		ug/l	EPA 200.8
Lithium		23.5	10		ug/l	EPA 200.7
Manganese		19.9	1.0		ug/l	EPA 200.8
Molybdenum		5.6	1.0		ug/l	EPA 200.8
Selenium		1.3	0.40		ug/l	EPA 200.8
Uranium		12.9	0.20		ug/l	EPA 200.8

DA72268-12 EXISTING WELL

Fluoride		1.0	1.0		mg/l	EPA 300.0
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Summary of Hits

Job Number: DA72268
Account: Stewart Environmental
Project: Sweet Valley Property
Collected: 05/09/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Analyte						
Chloride		154	5.0		mg/l	EPA 300.0
Sulfate		192	5.0		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a		2.7	0.10		mg/l	EPA 353.2/LACHAT
Solids, Total Dissolved		639	10		mg/l	SM 2540C-2011

DA72268-12F EXISTING WELL

Arsenic	0.26	0.20		ug/l	EPA 200.8
Barium	35.0	2.0		ug/l	EPA 200.8
Boron	167	40		ug/l	EPA 200.8
Lithium	10.9	10		ug/l	EPA 200.7
Manganese	5.5	1.0		ug/l	EPA 200.8
Molybdenum	1.3	1.0		ug/l	EPA 200.8
Uranium	12.3	0.20		ug/l	EPA 200.8
Zinc	24.9	10		ug/l	EPA 200.8

(a) Analysis performed at SGS Dayton, NJ.



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BERNHART MW-1	Date Sampled:	05/09/25
Lab Sample ID:	DA72268-1	Date Received:	05/09/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Sweet Valley Property		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.98	0.20	mg/l	2	05/14/25 01:41	AM	EPA 300.0
Chloride	98.9	13	mg/l	25	05/14/25 01:32	AM	EPA 300.0
Sulfate	545	13	mg/l	25	05/14/25 01:32	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	0.41	0.10	mg/l	1	05/22/25 18:45	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	940	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BERNHART MW-1
Lab Sample ID: DA72268-1F
Matrix: AQ - Water Filtered
Project: Sweet Valley Property

Date Sampled: 05/09/25
Date Received: 05/09/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analized By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Antimony	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Arsenic	0.40	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Barium	27.9	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cobalt	0.94	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Copper	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Iron	50.0	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lithium	< 10	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ³	EPA 200.7 ⁶
Manganese	635	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Mercury	< 0.10	0.10	ug/l	1	05/13/25	05/13/25	GS EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	8.3	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Nickel	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Selenium	5.4	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Uranium	34.2	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Vanadium	< 1.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Zinc	< 10	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴

(1) Instrument QC Batch: MA19087

(2) Instrument QC Batch: MA19110

(3) Instrument QC Batch: MA19227

(4) Prep QC Batch: MP41226

(5) Prep QC Batch: MP41235

(6) Prep QC Batch: MP41516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BERNHART MW-2	Date Sampled:	05/09/25
Lab Sample ID:	DA72268-2	Date Received:	05/09/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Sweet Valley Property		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.86	0.20	mg/l	2	05/14/25 02:06	AM	EPA 300.0
Chloride	140	5.0	mg/l	10	05/13/25 20:43	AM	EPA 300.0
Sulfate	282	5.0	mg/l	10	05/13/25 20:43	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	1.8	0.10	mg/l	1	05/22/25 18:46	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	729	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BERNHART MW-2	Date Sampled:	05/09/25
Lab Sample ID:	DA72268-2F	Date Received:	05/09/25
Matrix:	AQ - Water Filtered	Percent Solids:	n/a
Project:	Sweet Valley Property		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Antimony	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Arsenic	0.43	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Barium	36.6	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Beryllium	< 0.20	0.20	ug/l	1	05/11/25	06/03/25	GS EPA 200.8 ³	EPA 200.8 ⁵
Boron	208	40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Cobalt	1.9	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Copper	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Iron	27.0	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Lithium	13.4	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	399	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Mercury	< 0.10	0.10	ug/l	1	05/13/25	05/13/25	GS EPA 245.1 ¹	EPA 245.1 ⁶
Molybdenum	5.9	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Nickel	4.4	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Selenium	0.86	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Uranium	25.6	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Vanadium	< 1.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵
Zinc	< 10	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁵

- (1) Instrument QC Batch: MA19087
- (2) Instrument QC Batch: MA19110
- (3) Instrument QC Batch: MA19184
- (4) Instrument QC Batch: MA19227
- (5) Prep QC Batch: MP41226
- (6) Prep QC Batch: MP41235
- (7) Prep QC Batch: MP41516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BERNHART MW-3	Date Sampled:	05/09/25
Lab Sample ID:	DA72268-3	Date Received:	05/09/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Sweet Valley Property		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.83	0.20	mg/l	2	05/14/25 02:23	AM	EPA 300.0
Chloride	90.8	13	mg/l	25	05/14/25 02:15	AM	EPA 300.0
Sulfate	318	13	mg/l	25	05/14/25 02:15	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	0.48	0.10	mg/l	1	05/22/25 18:54	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	669	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BERNHART MW-3
Lab Sample ID: DA72268-3F
Matrix: AQ - Water Filtered
Project: Sweet Valley Property

Date Sampled: 05/09/25
Date Received: 05/09/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	445	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Antimony	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Arsenic	0.37	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Barium	24.3	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Boron	206	40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cobalt	3.2	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Copper	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Iron	563	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lithium	< 10	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ³	EPA 200.7 ⁶
Manganese	713	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Mercury	< 0.10	0.10	ug/l	1	05/13/25	05/13/25	GS EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	8.3	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Nickel	2.7	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Selenium	2.0	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Uranium	31.0	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Vanadium	< 1.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Zinc	< 10	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴

(1) Instrument QC Batch: MA19087

(2) Instrument QC Batch: MA19110

(3) Instrument QC Batch: MA19227

(4) Prep QC Batch: MP41226

(5) Prep QC Batch: MP41235

(6) Prep QC Batch: MP41516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BERNHART MW-4	Date Sampled:	05/09/25
Lab Sample ID:	DA72268-4	Date Received:	05/09/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Sweet Valley Property		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.75	0.20	mg/l	2	05/14/25 02:32	AM	EPA 300.0
Chloride	154	5.0	mg/l	10	05/13/25 21:00	AM	EPA 300.0
Sulfate	261	5.0	mg/l	10	05/13/25 21:00	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	2.3	0.10	mg/l	1	05/22/25 18:55	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	715	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BERNHART MW-4

Lab Sample ID: DA72268-4F

Matrix: AQ - Water Filtered

Project: Sweet Valley Property

Date Sampled: 05/09/25

Date Received: 05/09/25

Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Antimony	0.45	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Arsenic	1.2	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Barium	40.1	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Boron	185	40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cobalt	1.6	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Copper	2.2	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Iron	33.6	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lithium	21.2	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ³	EPA 200.7 ⁶
Manganese	328	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Mercury	< 0.10	0.10	ug/l	1	05/13/25	05/13/25	GS EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	4.6	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Nickel	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Selenium	2.4	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Uranium	15.9	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Vanadium	< 1.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Zinc	< 10	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴

(1) Instrument QC Batch: MA19087

(2) Instrument QC Batch: MA19110

(3) Instrument QC Batch: MA19227

(4) Prep QC Batch: MP41226

(5) Prep QC Batch: MP41235

(6) Prep QC Batch: MP41516

RL = Reporting Limit

Report of Analysis

Client Sample ID: OGILVY RIVER MW-1
Lab Sample ID: DA72268-5
Matrix: AQ - Water
Project: Sweet Valley Property

Date Sampled: 05/09/25
Date Received: 05/09/25
Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.48	0.20	mg/l	2	05/14/25 02:40	AM	EPA 300.0
Chloride	154	13	mg/l	25	05/13/25 21:09	AM	EPA 300.0
Sulfate	559	13	mg/l	25	05/13/25 21:09	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	9.9	0.30	mg/l	3	05/22/25 22:04	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	1220	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: OGILVY RIVER MW-1**Lab Sample ID:** DA72268-5F**Matrix:** AQ - Water Filtered**Project:** Sweet Valley Property**Date Sampled:** 05/09/25**Date Received:** 05/09/25**Percent Solids:** n/a**Dissolved Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Antimony	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Arsenic	0.80	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Barium	53.4	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Boron	243	40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cobalt	1.0	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Copper	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Iron	< 20	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lithium	77.3	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ³	EPA 200.7 ⁶
Manganese	33.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Mercury	< 0.10	0.10	ug/l	1	05/13/25	05/13/25	GS EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	2.2	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Nickel	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Selenium	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Uranium	55.8	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Vanadium	1.2	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Zinc	< 10	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴

(1) Instrument QC Batch: MA19087

(2) Instrument QC Batch: MA19110

(3) Instrument QC Batch: MA19227

(4) Prep QC Batch: MP41226

(5) Prep QC Batch: MP41235

(6) Prep QC Batch: MP41516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	OGILVY RIVER MW-2	Date Sampled:	05/09/25
Lab Sample ID:	DA72268-6	Date Received:	05/09/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Sweet Valley Property		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.80	0.20	mg/l	2	05/14/25 02:49	AM	EPA 300.0
Chloride	81.9	13	mg/l	25	05/13/25 21:34	AM	EPA 300.0
Sulfate	725	13	mg/l	25	05/13/25 21:34	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	8.6	0.30	mg/l	3	05/22/25 22:07	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	1400	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: OGILVY RIVER MW-2**Lab Sample ID:** DA72268-6F**Matrix:** AQ - Water Filtered**Project:** Sweet Valley Property**Date Sampled:** 05/09/25**Date Received:** 05/09/25**Percent Solids:** n/a**Dissolved Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Antimony	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Arsenic	0.59	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Barium	54.3	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Boron	317	40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cobalt	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Copper	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Iron	< 20	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lithium	102	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ³	EPA 200.7 ⁶
Manganese	142	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Mercury	< 0.10	0.10	ug/l	1	05/13/25	05/13/25	GS EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	9.9	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Nickel	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Selenium	2.6	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Uranium	41.1	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Vanadium	< 1.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Zinc	< 10	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴

(1) Instrument QC Batch: MA19087

(2) Instrument QC Batch: MA19110

(3) Instrument QC Batch: MA19227

(4) Prep QC Batch: MP41226

(5) Prep QC Batch: MP41235

(6) Prep QC Batch: MP41516

RL = Reporting Limit

Report of Analysis

Client Sample ID: OGILVY RIVER MW-3
Lab Sample ID: DA72268-7
Matrix: AQ - Water
Project: Sweet Valley Property

Date Sampled: 05/09/25
Date Received: 05/09/25
Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.38	0.20	mg/l	2	05/14/25 03:06	AM	EPA 300.0
Chloride	110	13	mg/l	25	05/14/25 02:57	AM	EPA 300.0
Sulfate	572	13	mg/l	25	05/14/25 02:57	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	11.9	0.30	mg/l	3	05/22/25 22:08	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	1050	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: OGILVY RIVER MW-3**Lab Sample ID:** DA72268-7F**Matrix:** AQ - Water Filtered**Project:** Sweet Valley Property**Date Sampled:** 05/09/25**Date Received:** 05/09/25**Percent Solids:** n/a**Dissolved Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Antimony	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Arsenic	0.35	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Barium	34.3	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Boron	252	40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cobalt	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Copper	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Iron	< 20	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lithium	46.6	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ³	EPA 200.7 ⁶
Manganese	31.2	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Mercury	< 0.10	0.10	ug/l	1	05/13/25	05/13/25	GS EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	1.7	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Nickel	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Selenium	0.50	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Uranium	53.3	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Vanadium	< 1.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Zinc	< 10	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴

(1) Instrument QC Batch: MA19087

(2) Instrument QC Batch: MA19110

(3) Instrument QC Batch: MA19227

(4) Prep QC Batch: MP41226

(5) Prep QC Batch: MP41235

(6) Prep QC Batch: MP41516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	OGILVY RIVER MW-4	Date Sampled:	05/09/25
Lab Sample ID:	DA72268-8	Date Received:	05/09/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Sweet Valley Property		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.25	0.20	mg/l	2	05/14/25 03:23	AM	EPA 300.0
Chloride	97.7	13	mg/l	25	05/14/25 03:15	AM	EPA 300.0
Sulfate	477	13	mg/l	25	05/14/25 03:15	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	11.7	0.30	mg/l	3	05/22/25 22:09	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	1000	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: OGILVY RIVER MW-4**Lab Sample ID:** DA72268-8F**Matrix:** AQ - Water Filtered**Project:** Sweet Valley Property**Date Sampled:** 05/09/25**Date Received:** 05/09/25**Percent Solids:** n/a**Dissolved Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Antimony	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Arsenic	0.26	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Barium	25.6	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Boron	261	40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cobalt	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Copper	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Iron	< 20	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lithium	32.3	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ³	EPA 200.7 ⁶
Manganese	29.1	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Mercury	< 0.10	0.10	ug/l	1	05/13/25	05/13/25	GS EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	1.2	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Nickel	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Selenium	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Uranium	55.7	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Vanadium	< 1.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Zinc	< 10	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴

(1) Instrument QC Batch: MA19087

(2) Instrument QC Batch: MA19110

(3) Instrument QC Batch: MA19227

(4) Prep QC Batch: MP41226

(5) Prep QC Batch: MP41235

(6) Prep QC Batch: MP41516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	NEINING MW-1	Date Sampled:	05/09/25
Lab Sample ID:	DA72268-9	Date Received:	05/09/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Sweet Valley Property		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	1.0	0.20	mg/l	2	05/14/25 03:49	AM	EPA 300.0
Chloride	169	5.0	mg/l	10	05/13/25 22:00	AM	EPA 300.0
Sulfate	206	5.0	mg/l	10	05/13/25 22:00	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	5.9	0.20	mg/l	2	05/22/25 22:11	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	700	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: NEINING MW-1
Lab Sample ID: DA72268-9F
Matrix: AQ - Water Filtered
Project: Sweet Valley Property

Date Sampled: 05/09/25
Date Received: 05/09/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Antimony	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Arsenic	0.68	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Barium	99.2	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Boron	190	40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cobalt	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Copper	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Iron	< 20	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lithium	20.6	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ³	EPA 200.7 ⁶
Manganese	9.6	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Mercury	< 0.10	0.10	ug/l	1	05/13/25	05/13/25	GS EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	2.8	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Nickel	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Selenium	1.0	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Uranium	3.9	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Vanadium	< 1.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Zinc	< 10	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴

(1) Instrument QC Batch: MA19087

(2) Instrument QC Batch: MA19110

(3) Instrument QC Batch: MA19227

(4) Prep QC Batch: MP41226

(5) Prep QC Batch: MP41235

(6) Prep QC Batch: MP41516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	NEINING MW-2	Date Sampled:	05/09/25
Lab Sample ID:	DA72268-10	Date Received:	05/09/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Sweet Valley Property		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.90	0.20	mg/l	2	05/14/25 03:57	AM	EPA 300.0
Chloride	161	5.0	mg/l	10	05/13/25 22:09	AM	EPA 300.0
Sulfate	193	5.0	mg/l	10	05/13/25 22:09	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	1.6	0.10	mg/l	1	05/22/25 19:02	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	683	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: NEINING MW-2
Lab Sample ID: DA72268-10F
Matrix: AQ - Water Filtered
Project: Sweet Valley Property

Date Sampled: 05/09/25
Date Received: 05/09/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Antimony	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Arsenic	0.29	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Barium	50.8	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Boron	205	40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Cobalt	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Copper	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Iron	< 20	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Lithium	13.8	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ³	EPA 200.7 ⁶
Manganese	8.3	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Mercury	< 0.10	0.10	ug/l	1	05/13/25	05/13/25	GS EPA 245.1 ¹	EPA 245.1 ⁵
Molybdenum	1.7	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Nickel	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Selenium	1.3	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Uranium	12.9	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Vanadium	< 1.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴
Zinc	< 10	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ²	EPA 200.8 ⁴

(1) Instrument QC Batch: MA19087

(2) Instrument QC Batch: MA19110

(3) Instrument QC Batch: MA19227

(4) Prep QC Batch: MP41226

(5) Prep QC Batch: MP41235

(6) Prep QC Batch: MP41516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	NEINING MW-3	Date Sampled:	05/09/25
Lab Sample ID:	DA72268-11	Date Received:	05/09/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Sweet Valley Property		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	0.99	0.20	mg/l	2	05/14/25 04:06	AM	EPA 300.0
Chloride	173	5.0	mg/l	10	05/13/25 22:17	AM	EPA 300.0
Sulfate	212	5.0	mg/l	10	05/13/25 22:17	AM	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	8.2	0.30	mg/l	3	05/22/25 22:12	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	796	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: NEINING MW-3
Lab Sample ID: DA72268-11F
Matrix: AQ - Water Filtered
Project: Sweet Valley Property

Date Sampled: 05/09/25
Date Received: 05/09/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Antimony	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Arsenic	0.46	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Barium	69.6	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Beryllium	< 0.20	0.20	ug/l	1	05/11/25	06/03/25	GS EPA 200.8 ³	EPA 200.8 ⁵
Boron	219	40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Cobalt	0.24	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Copper	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Iron	< 20	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Lithium	23.5	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	19.9	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Mercury	< 0.10	0.10	ug/l	1	05/26/25	05/27/25	CDL EPA 245.1 ²	EPA 245.1 ⁶
Molybdenum	5.6	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Nickel	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Selenium	1.3	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Uranium	12.9	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Vanadium	< 1.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Zinc	< 10	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵

(1) Instrument QC Batch: MA19110

(2) Instrument QC Batch: MA19152

(3) Instrument QC Batch: MA19184

(4) Instrument QC Batch: MA19227

(5) Prep QC Batch: MP41226

(6) Prep QC Batch: MP41370

(7) Prep QC Batch: MP41516

RL = Reporting Limit

Report of Analysis

Client Sample ID:	EXISTING WELL	Date Sampled:	05/09/25
Lab Sample ID:	DA72268-12	Date Received:	05/09/25
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	Sweet Valley Property		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	1.0	1.0	mg/l	10	06/04/25 03:24	JB	EPA 300.0
Chloride	154	5.0	mg/l	10	06/04/25 03:24	JB	EPA 300.0
Sulfate	192	5.0	mg/l	10	06/04/25 03:24	JB	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	2.7	0.10	mg/l	1	05/22/25 19:04	ANJ	EPA 353.2/LACHAT
Solids, Total Dissolved	639	10	mg/l	1	05/12/25 07:00	JW	SM 2540C-2011

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: EXISTING WELL
Lab Sample ID: DA72268-12F
Matrix: AQ - Water Filtered
Project: Sweet Valley Property

Date Sampled: 05/09/25
Date Received: 05/09/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 50	50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Antimony	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Arsenic	0.26	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Barium	35.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Beryllium	< 0.20	0.20	ug/l	1	05/11/25	06/03/25	GS EPA 200.8 ³	EPA 200.8 ⁵
Boron	167	40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Cadmium	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Chromium	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Cobalt	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Copper	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Iron	< 20	20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Lead	< 0.50	0.50	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Lithium	10.9	10	ug/l	1	05/11/25	06/11/25	CDL EPA 200.7 ⁴	EPA 200.7 ⁷
Manganese	5.5	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Mercury	< 0.10	0.10	ug/l	1	05/26/25	05/27/25	CDL EPA 245.1 ²	EPA 245.1 ⁶
Molybdenum	1.3	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Nickel	< 2.0	2.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Selenium	< 0.40	0.40	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Silver	< 0.10	0.10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Thallium	< 0.20	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Uranium	12.3	0.20	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Vanadium	< 1.0	1.0	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵
Zinc	24.9	10	ug/l	1	05/11/25	05/17/25	CDL EPA 200.8 ¹	EPA 200.8 ⁵

(1) Instrument QC Batch: MA19110

(2) Instrument QC Batch: MA19152

(3) Instrument QC Batch: MA19184

(4) Instrument QC Batch: MA19227

(5) Prep QC Batch: MP41226

(6) Prep QC Batch: MP41370

(7) Prep QC Batch: MP41516

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

[illegible]

Current Regular COC 23MAY23.xls; FORM: EHSA-QAC-0027-01-FORM-Wheat Ridge - COC, RV 9/2/21

DA72268: Chain of Custody

Page 1 of 3

Appendix A: Full parameter list for Construction Material Sites (with Table Value Standards) from Regulation 41, Tables 1-4

Analyte	Table Value Standard (mg/L, unless other units given)	Reg. 41 Table Reference (1-4)
pH Field (pH unit)	6.50 - 8.50	2 and 3
TDS	400 mg/L, or 1.25X background	4
Chloride - Dissolved	250	2
Fluoride - Dissolved	2	3
Nitrate (NO3)	10	1
Nitrite (NO2)	1.0	1
Nitrite + Nitrate as Nitrogen	10	1
Sulfate - Dissolved	250	2
Aluminum - Dissolved	5	3
Antimony - Dissolved	0.006	1
Arsenic - Dissolved	0.01	1
Barium - Dissolved	2	1
Beryllium - Dissolved	0.004	1
Boron - Dissolved	0.75	3
Cadmium - Dissolved	0.005	1
Chromium - Dissolved	0.1	1 and 3
Cobalt - Dissolved	0.05	3
Copper - Dissolved	0.2	3
Iron - Dissolved	0.3	2
Lead - Dissolved	0.05	1
Lithium - Dissolved	2.5	3
Manganese - Dissolved	0.05	2
Mercury - Dissolved	0.002	1
Molybdenum - Dissolved	0.21	1
Nickel - Dissolved	0.1	1
Selenium - Dissolved	0.02	3
Silver - Dissolved	0.05	1
Thallium - Dissolved	0.002	1
Uranium - Dissolved	0.0168 to 0.03	1
Vanadium - Dissolved	0.1	3
Zinc - Dissolved	2	3

- These analytes, at a minimum, will be tested for during the five (5) quarters of baseline monitoring. It will be up to the Operator/Permittee to submit a Technical Revision with proper justification to reduce the analyte list.

SGS Sample Receipt Summary

Job Number: da72268

Client: STEWART

Project: SWEET VALLEY

Date / Time Received: 5/9/2025 3:00:00 PM

Delivery Method: hd

Airbill #'s:

Cooler Temps (Raw Measured) °C: Cooler 1: (2.3);
Cooler Temps (Corrected) °C: Cooler 1: (2.3);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☒		☐
2. Custody Seals Intact:	☒		☐
3. Temp criteria achieved:	☒		☐
4. Cooler temp verification:			IR Gun
5. Cooler media:			Ice (Bag)

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☒
2. Trip Blank listed on COC:	☐		☐	☒

	W	or	S	N/A
3. Type of TB Received	☐		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☒		☐	
2. Samples presented properly	☒		☐	
3. Suffiient volume/containers recv'd for analysi	☒		☐	
4. Condition of sample:			Intact	
5. Sample recv'd within HT	☒		☐	
6. Dates/Times/IDs on COC match sample labe	☐		☐	
7. VOCs have headspace	☐		☐	☒
8. Bottles received for unspecified tests	☐		☒	
9. Compositing instructions clear	☐		☐	☒
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☐
11. % Solids Jar Received?	☐		☐	☐
12. Residual Chlorine Present?	☐		☐	☐

Misc Information

Number of Encores: 25 Gram

5 Gram

Number of Lab Filtered Metals

Test Strip Lot #: pH 0-3:

pH 10-12:

Other: (Specify)

Residual Chlorine Test Strip Lot

Comments

SM001

Rev. Date 05/04/17

Technician: JEREMYD

Date: 5/9/2025 4:59:30 PM

Reviewer:

Date:

Metals Analysis

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72268
Account: STEWCOFC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41226
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 05/11/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	10	4.9	<50
Antimony	0.40	.01	.3	0.020	<0.40
Arsenic	0.20	.05	.05	0.019	<0.20
Barium	2.0	.096	.3	0.29	<2.0
Beryllium	0.20	.077	.1		
Boron	40	18	10	1.8	<40
Cadmium	0.10	.03	.05	0.025	<0.10
Calcium	400	25	60		
Chromium	2.0	.087	.27	0.079	<2.0
Cobalt	0.20	.04	.05	-0.10	<0.20
Copper	2.0	.05	1.5	0.71	<2.0
Iron	20	1.6	10	0.24	<20
Lead	0.50	.094	.13	0.070	<0.50
Magnesium	100	10	20		
Manganese	1.0	.079	.51	-0.22	<1.0
Molybdenum	1.0	.037	.2	-0.0075	<1.0
Nickel	2.0	.098	.5	-0.74	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	50		
Selenium	0.40	.05	.1	-0.00059	<0.40
Silver	0.10	.0081	.025	0.00081	<0.10
Sodium	500	10	70		
Strontium	20	.1	5		
Thallium	0.20	.032	.05	0.011	<0.20
Tin	10	.22	2.5		
Titanium	2.0	.05	.5		
Uranium	0.20	.015	.05	0.0075	<0.20
Vanadium	1.0	.14	.2	-0.27	<1.0
Zinc	10	.05	2	3.2	<10

Associated samples MP41226: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F, DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72268
Account: STEWC0FC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41226
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 05/11/25

Metal	DA72268-1F Original MS		Spikelet ICPMS5	% Rec	QC Limits
Aluminum	40.4	995	1000	95.5	70-130
Antimony	0.15	100	100	99.9	70-130
Arsenic	0.40	200	200	99.8	70-130
Barium	27.9	424	400	99.0	70-130
Beryllium	0.0	96.7	100	96.7	70-130
Boron	208	419	200	105.6	70-130
Cadmium	0.072	96.6	100	96.5	70-130
Calcium	anr				
Chromium	0.0	95.1	100	95.1	70-130
Cobalt	0.94	96.1	100	95.2	70-130
Copper	0.98	96.4	100	95.4	70-130
Iron	50.0	1030	1000	98.0	70-130
Lead	0.15	198	200	98.9	70-130
Magnesium	anr				
Manganese	635	734	100	99.0	70-130
Molybdenum	8.3	110	100	101.7	70-130
Nickel	1.3	95.5	100	94.2	70-130
Phosphorus					
Potassium	anr				
Selenium	5.4	206	200	100.3	70-130
Silver	0.013	37.5	40	93.7	70-130
Sodium	anr				
Strontium	anr				
Thallium	0.10	195	200	97.5	70-130
Tin					
Titanium					
Uranium	34.2	233	200	99.4	70-130
Vanadium	0.37	97.1	100	96.7	70-130
Zinc	1.9	97.6	100	95.7	70-130

Associated samples MP41226: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F, DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72268
Account: STEWCOFC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41226
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 05/11/25

Metal	DA72268-1F Original	MSD	SpikeLot ICPMS5	% Rec	MSD RPD	QC Limit
Aluminum	40.4	1050	1000	101.0	1.9	20
Antimony	0.15	105	100	104.9	2.9	20
Arsenic	0.40	207	200	103.3	0.5	20
Barium	27.9	447	400	104.8	0.9	20
Beryllium	0.0	99.4	100	99.4	3.6	20
Boron	208	429	200	110.6	5.9	20
Cadmium	0.072	101	100	100.9	1.0	20
Calcium	anr					
Chromium	0.0	99.6	100	99.6	1.4	20
Cobalt	0.94	99.8	100	98.9	0.2	20
Copper	0.98	100	100	99.0	3.0	20
Iron	50.0	1090	1000	104.0	4.7	20
Lead	0.15	205	200	102.4	0.5	20
Magnesium	anr					
Manganese	635	771	100	136.0N(a)	4.9	20
Molybdenum	8.3	114	100	105.7	2.7	20
Nickel	1.3	98.9	100	97.6	1.8	20
Phosphorus						
Potassium	anr					
Selenium	5.4	212	200	103.3	1.9	20
Silver	0.013	38.8	40	97.0	0.3	20
Sodium	anr					
Strontium	anr					
Thallium	0.10	202	200	101.0	1.0	20
Tin						
Titanium						
Uranium	34.2	240	200	102.9	0.8	20
Vanadium	0.37	102	100	101.6	0.0	20
Zinc	1.9	100	100	98.1	4.9	20

Associated samples MP41226: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F, DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72268
 Account: STEWC0FC - Stewart Environmental
 Project: Sweet Valley Property

QC Batch ID: MP41226
 Matrix Type: AQUEOUS

Methods: EPA 200.8
 Units: ug/l

Prep Date: 05/11/25

Metal	BSP Result	SpikeLot ICPMS5	% Rec	QC Limits
Aluminum	1000	1000	100.0	85-115
Antimony	100	100	100.0	85-115
Arsenic	201	200	100.5	85-115
Barium	412	400	103.0	85-115
Beryllium	96.8	100	96.8	85-115
Boron	231	200	115.5*(a	85-115
Cadmium	100	100	100.0	85-115
Calcium	anr			
Chromium	101	100	101.0	85-115
Cobalt	98.5	100	98.5	85-115
Copper	101	100	101.0	85-115
Iron	1010	1000	101.0	85-115
Lead	202	200	101.0	85-115
Magnesium	anr			
Manganese	101	100	101.0	85-115
Molybdenum	99.8	100	99.8	85-115
Nickel	97.8	100	97.8	85-115
Phosphorus				
Potassium	anr			
Selenium	204	200	102.0	85-115
Silver	38.9	40	97.3	85-115
Sodium	anr			
Strontium	anr			
Thallium	200	200	100.0	85-115
Tin				
Titanium				
Uranium	196	200	98.0	85-115
Vanadium	101	100	101.0	85-115
Zinc	102	100	102.0	85-115

Associated samples MP41226: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F, DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Outside control limits biased high. Reported samples are ND.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72268
Account: STEWC0FC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41235
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 05/13/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	0.0026	<0.10

Associated samples MP41235: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72268
 Account: STEWCOFC - Stewart Environmental
 Project: Sweet Valley Property

QC Batch ID: MP41235
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 05/13/25

Metal	DA72268-1F Original MS	Spikelot HGWSR1	% Rec	QC Limits
Mercury	0.0	1.2	1	120.0 70-130

Associated samples MP41235: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

5.2.2

QC Batch ID: MP41235
Matrix Type: AQUEOUS

Prep Date: 05/13/25

Associated samples MP41235: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72268
Account: STEWC0FC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41235
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 05/13/25

Metal	BSP Result	SpikeLot HGWSR1	% Rec	QC Limits
-------	---------------	--------------------	-------	--------------

Mercury 1.1 1 110.0 85-115

Associated samples MP41235: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

5.2.3
5

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72268
Account: STEWCOFC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41370
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 05/26/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	0.0036	<0.10

Associated samples MP41370: DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72268
 Account: STEWCOFC - Stewart Environmental
 Project: Sweet Valley Property

QC Batch ID: MP41370
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 05/26/25

Metal	DA72352-1		SpikeLot		QC
	Original	MS	HGWSR1	% Rec	Limits
Mercury	0.89	4.9	5	80.2	70-130

Associated samples MP41370: DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

5.3.2

5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72268
 Account: STEWCOFC - Stewart Environmental
 Project: Sweet Valley Property

QC Batch ID: MP41370
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 05/26/25

Metal	DA72352-1 Original	MSD	SpikeLot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.89	2.7	5	36.2N(a)	57.9	20

Associated samples MP41370: DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested
 (a) Spike recovery indicates possible matrix interference.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72268
Account: STEWCOFC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41370
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 05/26/25

Metal	BSP Result	SpikeLot HGWSR1	% Rec	QC Limits
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Mercury 0.88 1 88.0 85-115

Associated samples MP41370: DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

5.3.3
5

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72268
Account: STEWC0FC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41516
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 05/11/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	100	46	50		
Antimony	30	14	20		
Arsenic	25	22	7		
Barium	10	.3	3		
Beryllium	10	1	2		
Boron	50	3.3	10		
Cadmium	10	1.9	5		
Calcium	400	6.6	61		
Chromium	10	1.1	2		
Cobalt	5.0	2.7	4		
Copper	10	4.6	6		
Iron	20	8.9	10		
Lead	50	13	15		
Lithium	10	.6	4	1.0	<10
Magnesium	200	50	40		
Manganese	5.0	.5	1		
Molybdenum	10	8.5	3		
Nickel	30	6.2	10		
Phosphorus	150	91	110		
Potassium	1000	84	300		
Selenium	50	30	30		
Silicon	200	41	150		
Silver	30	.6	5		
Sodium	400	13	150		
Strontium	5.0	.1	1		
Thallium	12	17	11		
Tin	60	41	51		
Titanium	10	.5	2		
Uranium	50	3.9	20		
Vanadium	10	.9	2		
Zinc	30	9	7		

Associated samples MP41516: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F, DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72268
Account: STEWC0FC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41516
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 05/11/25

Metal	RL	IDL	MDL	MB raw	final
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(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72268
Account: STEWC0FC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41516
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 05/11/25

Metal	DA72268-1F Original MS		SpikeLot ICPALL6 % Rec		QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium	9.8	212	200	101.1	70-130
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP41516: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F, DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72268
Account: STEWC0FC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41516
Matrix Type: AQUEOUS

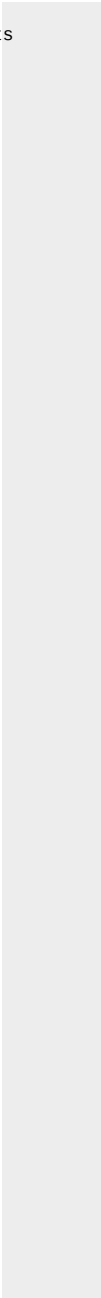
Methods: EPA 200.7
Units: ug/l

Prep Date: 05/11/25

Metal	DA72268-1F Original MS	SpikeLot ICPALL6	% Rec	QC Limits
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(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

5.4.2
5



MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72268
Account: STEWC0FC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41516
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 05/11/25

Metal	DA72268-1F Original	MSD	SpikeLot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium	9.8	210	200	100.1	0.9	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP41516: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F, DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72268
Account: STEWC0FC - Stewart Environmental
Project: Sweet Valley Property

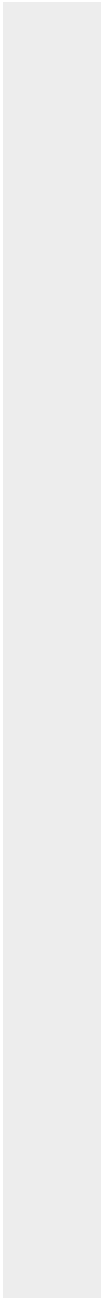
QC Batch ID: MP41516
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 05/11/25

Metal	DA72268-1F Original MSD	SpikeLot ICPALL6 % Rec	MSD RPD	QC Limit
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(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested



5.4.2
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72268
Account: STEWC0FC - Stewart Environmental
Project: Sweet Valley Property

QC Batch ID: MP41516
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 05/11/25

Metal	BSP Result	SpikeLot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium	196	200	98.0	85-115
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP41516: DA72268-1F, DA72268-2F, DA72268-3F, DA72268-4F, DA72268-5F, DA72268-6F, DA72268-7F, DA72268-8F, DA72268-9F, DA72268-10F, DA72268-11F, DA72268-12F

Results < IDL are shown as zero for calculation purposes

5.4.3
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72268
Account: STEWC0FC - Stewart Environmental
Project: Sweet Valley Property

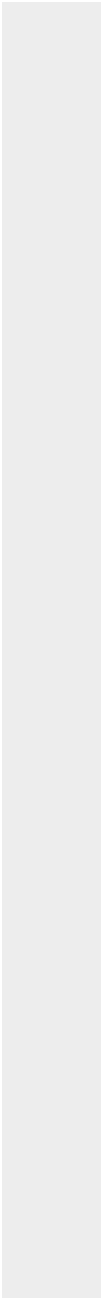
QC Batch ID: MP41516
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 05/11/25

Metal	BSP Result	SpikeLot ICPALL6	% Rec	QC Limits
-------	---------------	---------------------	-------	--------------

(*) Outside of QC limits
(anr) Analyte not requested



5.4.3
5

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72268
Account: STEWCOFC - Stewart Environmental
Project: Sweet Valley Property

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chloride	GP38606/GN66965	0.50	0.0	mg/l	5	5.24	104.8	90-110%
Chloride	GP38607/GN66965	0.50	0.0	mg/l	5	5.25	105.0	90-110%
Chloride	GP38731/GN67222	0.50	0.0	mg/l	5	5.35	107.0	90-110%
Fluoride	GP38607/GN66965	0.10	0.0	mg/l	1	0.995	99.5	90-110%
Fluoride	GP38731/GN67222	0.10	0.0	mg/l	1	1.01	101.0	90-110%
Solids, Total Dissolved	GN66913	10	0.0	mg/l	250	1010	100.8	90-110%
Solids, Total Dissolved	GN66914	10	0.0	mg/l	250	1010	100.8	90-110%
Sulfate	GP38606/GN66965	0.50	0.0	mg/l	5	5.01	100.2	90-110%
Sulfate	GP38607/GN66965	0.50	0.0	mg/l	5	5.03	100.6	90-110%
Sulfate	GP38731/GN67222	0.50	0.0	mg/l	5	5.12	102.4	90-110%

Associated Samples:

Batch GN66913: DA72268-1, DA72268-2, DA72268-3, DA72268-4, DA72268-5, DA72268-6, DA72268-7

Batch GN66914: DA72268-8, DA72268-9, DA72268-10, DA72268-11, DA72268-12

Batch GP38606: DA72268-1, DA72268-2, DA72268-3

Batch GP38607: DA72268-4, DA72268-5, DA72268-6, DA72268-7, DA72268-8, DA72268-9, DA72268-10, DA72268-11

Batch GP38731: DA72268-12

(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72268
Account: STEWCOFC - Stewart Environmental
Project: Sweet Valley Property

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Solids, Total Dissolved	GN66913	DA72268-7	mg/l	1050	1070	2.6	0-5.44%
Solids, Total Dissolved	GN66914	DA72268-12	mg/l	639	666	4.1	0-5.44%

Associated Samples:

Batch GN66913: DA72268-1, DA72268-2, DA72268-3, DA72268-4, DA72268-5, DA72268-6, DA72268-7

Batch GN66914: DA72268-8, DA72268-9, DA72268-10, DA72268-11, DA72268-12

(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72268
Account: STEWCOFC - Stewart Environmental
Project: Sweet Valley Property

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chloride	GP38606/GN66965	DA72239-2	mg/l	512	500	1050	107.6	80-120%
Chloride	GP38607/GN66965	DA72268-5	mg/l	154	125	296	113.6	80-120%
Chloride	GP38731/GN67222	DA72501-1	mg/l	43.7	100	118	74.3N(a)	80-120%
Fluoride	GP38607/GN66965	DA72268-5	mg/l	0.48	25	25.5	102.0	80-120%
Fluoride	GP38731/GN67222	DA72501-1	mg/l	0.97	20	20.0	95.2	80-120%
Sulfate	GP38606/GN66965	DA72239-2	mg/l	532	500	1050	103.6	80-120%
Sulfate	GP38607/GN66965	DA72268-5	mg/l	559	125	720	128.8(b)	80-120%
Sulfate	GP38731/GN67222	DA72501-1	mg/l	299	100	209	-90.0N(a)	80-120%

Associated Samples:

Batch GP38606: DA72268-1, DA72268-2, DA72268-3

Batch GP38607: DA72268-4, DA72268-5, DA72268-6, DA72268-7, DA72268-8, DA72268-9, DA72268-10, DA72268-11

Batch GP38731: DA72268-12

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72268
Account: STEWCOFC - Stewart Environmental
Project: Sweet Valley Property

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Chloride	GP38606/GN66965	DA72239-2	mg/l	512	500	1040	1.0	20%
Chloride	GP38607/GN66965	DA72268-5	mg/l	154	125	296	0.0	20%
Chloride	GP38731/GN67222	DA72501-1	mg/l	43.7	100	112	5.2	20%
Fluoride	GP38607/GN66965	DA72268-5	mg/l	0.48	25	25.6	0.4	20%
Fluoride	GP38731/GN67222	DA72501-1	mg/l	0.97	20	18.7	6.7	20%
Sulfate	GP38606/GN66965	DA72239-2	mg/l	532	500	1030	1.9	20%
Sulfate	GP38607/GN66965	DA72268-5	mg/l	559	125	719	0.1	20%
Sulfate	GP38731/GN67222	DA72501-1	mg/l	299	100	206	1.4	20%

Associated Samples:

Batch GP38606: DA72268-1, DA72268-2, DA72268-3

Batch GP38607: DA72268-4, DA72268-5, DA72268-6, DA72268-7, DA72268-8, DA72268-9, DA72268-10, DA72268-11

Batch GP38731: DA72268-12

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

PN



CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking # 744 9076 5004		Bottle Order Control #															
SGS Quote #		SGS Job # DA72268															
Client / Reporting Information		Project Information															
Company Name: SGS North America Inc.		Project Name: Sweet Valley Property															
Street Address: 4036 Youngfield Street		Street: Billing Information (if different from Report to)															
City State Zip: Wheat Ridge, CO 80033		City State Zip: Company Name															
Project Contact E-mail: pama.eskandari@sgs.com		Project #															
Phone #: 303-425-6021		Street Address															
Fax #		Client Purchase Order #															
Sampler(s) Name(s): JB		City State Zip															
Phone		Project Manager															
Attention:																	
Collection		Number of preserved Bottles															
SGS Sample #	Field ID / Point of Collection	MECH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NO2	DI Water	MECH	ENCORE	NO32	
1	BERNHART MW-1		5/9/25	11:00:00 AM	JB	AQ											X
2	BERNHART MW-2		5/9/25	1:10:00 PM	JB	AQ											X
3	BERNHART MW-3		5/9/25	11:40:00 AM	JB	AQ											X
4	BERNHART MW-4		5/9/25	12:30:00 PM	JB	AQ											X
5	OGILVY RIVER MW-1		5/9/25	2:02:00 PM	JB	AQ											X
6	OGILVY RIVER MW-2		5/9/25	2:30:00 PM	JB	AQ											X
7	OGILVY RIVER MW-3		5/9/25	1:42:00 PM	JB	AQ											X
8	OGILVY RIVER MW-4		5/9/25	1:51:00 PM	JB	AQ											X
9	NEINING MW-1		5/9/25	11:38:00 AM	JB	AQ											X
10	NEINING MW-2		5/9/25	12:03:00 PM	JB	AQ											X
11	NEINING MW-3		5/9/25	11:00:00 AM	JB	AQ											X
12	EXISTING WELL		5/9/25	12:23:00 PM	JB	AQ											X
Turnaround Time (Business days)		Data Deliverable Information		Comments / Special Instructions													
☐ Standard 10 Day (business) ☐ 5 Business Days RUSH ☐ 3 Business Days RUSH ☐ 2 Business Days RUSH ☐ 1 Business Day EMERGENCY ☒ other Due 5/16/2025		Approved By (SGS PM): / Date: _____ _____ _____ Emergency & Rush T/A data available via Lablink. Approval needed for RUSH/Emergency TAT		Data Deliverable Information ☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ REDT1 (Level 3) ☐ FULT1 (Level 4) ☐ Commercial "C" ☐ State Forms ☐ EDD Format ☐ Other ☒ UCL													
Initial Assessment		Label Verification		http://www.sgs.com/en/terms-and-conditions													
Relinquished by Sampler:		Date Time:		Received By:													
1		5-12-230		1 FedEx													
Relinquished by Sampler:		Date Time:		Received By:													
3				3 FedEx													
Relinquished by:		Date Time:		Received By:													
5				5													
Custody Seal #		Intact		Preserved where applicable													
		Not intact		Therm. ID:													
				1.3													

DA72268: Chain of Custody

Page 1 of 3

SGS Dayton, NJ



SGS Sample Receipt Summary

Job Number: da72268

Client: SGS NORTH AMERICA INC.

Project: SWEET VALLEY PROPERTY

Date / Time Received: 5/13/2025 10:00:00 AM

Delivery Method: FEDEX

Airbill #s: 744490765004

Cooler Temps (Raw Measured) °C: Cooler 1: (1.1); Cooler 2: (1.3);

Cooler Temps (Corrected) °C: Cooler 1: (1.5); Cooler 2: (1.7);

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: IR-50
3. Cooler media: Ice (Bag)
4. No. Coolers: 2

Quality Control Preservation

Y or N N/A

1. Trip Blank present / cooler: ☐ ☐ ☒
2. Trip Blank listed on COC: ☐ ☐ ☒
3. Samples preserved properly: ☒ ☐
4. VOCs headspace free: ☐ ☐ ☐

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Test Strip Lot #s:

pH 1-12: 231619

pH 12+: 203117A

Other: (Specify)

Comments

-10: Bottle was received with unsecured cap. Possible contamination with cooler water

DA72268: Chain of Custody

Page 2 of 3

Responded to by: Naya

Response Date: 5/15/25

Per Parna, Please proceed with the analysis

7.1
7

DA72268: Chain of Custody
Page 3 of 3

General Chemistry

QC Data Summaries

(SGS Dayton, NJ)

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72268
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWCOFC: Sweet Valley Property

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Nitrogen, Nitrate + Nitrite	GP61245/GN68626	0.10	0.0	mg/l	2	2.18	109.0	90-110%

Associated Samples:
Batch GP61245: DA72268-1, DA72268-2, DA72268-3, DA72268-4, DA72268-5, DA72268-6, DA72268-7, DA72268-8, DA72268-9, DA72268-10, DA72268-11, DA72268-12
(*) Outside of QC limits

8.1
8

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72268
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWCOFC: Sweet Valley Property

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Nitrogen, Nitrate + Nitrite	GP61245/GN68626	DA72268-1	mg/l	0.41	0.38	7.6	0-20%

Associated Samples:
Batch GP61245: DA72268-1, DA72268-2, DA72268-3, DA72268-4, DA72268-5, DA72268-6, DA72268-7, DA72268-8, DA72268-9, DA72268-10, DA72268-11, DA72268-12
(*) Outside of QC limits

8.2
8

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72268
Account: ALMS - SGS Wheat Ridge, CO
Project: STEWCOFC: Sweet Valley Property

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Nitrogen, Nitrate + Nitrite	GP61245/GN68626	DA72268-1	mg/l	0.41	2	2.3	94.5	90-110%
Nitrogen, Nitrate + Nitrite	GP61245/GN68626	DA72268-2	mg/l	1.8	2	3.7	95.0	90-110%

Associated Samples:

Batch GP61245: DA72268-1, DA72268-2, DA72268-3, DA72268-4, DA72268-5, DA72268-6, DA72268-7, DA72268-8, DA72268-9, DA72268-10, DA72268-11, DA72268-12

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

8.3

8

ANALYTICAL REPORT

PREPARED FOR

Attn: J.C. York
J&T Consulting, Inc.
305 Denver Avenue, Suite D
Fort Lupton, Colorado 80621

Generated 9/4/2025 6:22:46 PM

JOB DESCRIPTION

Quarterly Monitoring Wells - Oglivly River

JOB NUMBER

280-212425-1

Eurofins Denver

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
Shelby McCabe, Project Manager I
Shelby.McCabe@et.eurofinsus.com
(303)736-0165

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Definitions/Glossary

Client: J&T Consulting, Inc.

Job ID: 280-212425-1

Project/Site: Quarterly Monitoring Wells - Oglivy River

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: J&T Consulting, Inc.
Project: Quarterly Monitoring Wells - Ogliv River

Job ID: 280-212425-1

Job ID: 280-212425-1

Eurofins Denver

Job Narrative 280-212425-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/22/2025 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.6°C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): MW-2 (280-212425-2). The 500 mL Plastic Nitric Acid preserved container label lists MW-1, while the COC lists MW-2. Identified by time. Logged per the COC.

Method 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Samples MW-1 (280-212425-1), MW-2 (280-212425-2), MW-3 (280-212425-3) and MW-4 (280-212425-4) were analyzed for Metals (ICP) - Dissolved. The samples were prepared on 8/25/2025 and analyzed on 8/26/2025.

Method 200.8 - Metals (ICP/MS) - Dissolved

Samples MW-1 (280-212425-1), MW-2 (280-212425-2), MW-3 (280-212425-3) and MW-4 (280-212425-4) were analyzed for Metals (ICP/MS) - Dissolved. The samples were prepared on 8/25/2025 and analyzed on 9/3/2025 and 9/4/2025.

The method blank associated with preparation batch 280-710563 and analytical batch 280-711904 contained Fe greater than one-half the reporting limit (RL). The samples were not re-analyzed because the analytes is not detected in the samples. The sample results have been qualified and reported. MW-1 (280-212425-1), MW-2 (280-212425-2), MW-3 (280-212425-3), MW-4 (280-212425-4) and (MB 280-710563/1-A)

Method 245.1 - Mercury (CVAA) - Dissolved

Samples MW-1 (280-212425-1), MW-2 (280-212425-2), MW-3 (280-212425-3) and MW-4 (280-212425-4) were analyzed for Mercury (CVAA) - Dissolved. The samples were prepared on 8/25/2025 and analyzed on 8/26/2025.

Method SM 2540C - Solids, Total Dissolved (TDS)

Samples MW-1 (280-212425-1), MW-2 (280-212425-2), MW-3 (280-212425-3) and MW-4 (280-212425-4) were analyzed for Solids, Total Dissolved (TDS). The samples were analyzed on 8/27/2025.

Method 300.0 - Anions, Ion Chromatography - Dissolved

Samples MW-1 (280-212425-1), MW-2 (280-212425-2), MW-3 (280-212425-3) and MW-4 (280-212425-4) were analyzed for Anions, Ion Chromatography - Dissolved. The samples were analyzed on 8/25/2025 and 8/26/2025.

Samples MW-1 (280-212425-1)[5x], MW-2 (280-212425-2)[5x], MW-3 (280-212425-3)[5x] and MW-4 (280-212425-4)[5x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Method 353.2 - Nitrogen, Nitrate-Nitrite

Samples MW-1 (280-212425-1), MW-2 (280-212425-2), MW-3 (280-212425-3) and MW-4 (280-212425-4) were analyzed for Nitrogen, Nitrate-Nitrite. The samples were analyzed on 8/28/2025.

Samples MW-1 (280-212425-1)[5x], MW-3 (280-212425-3)[5x] and MW-4 (280-212425-4)[5x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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Case Narrative

Client: J&T Consulting, Inc.
Project: Quarterly Monitoring Wells - Oglivy River

Job ID: 280-212425-1

Job ID: 280-212425-1 (Continued)

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Detection Summary

Client: J&T Consulting, Inc.

Job ID: 280-212425-1

Project/Site: Quarterly Monitoring Wells - Oglivy River

Client Sample ID: MW-1

Lab Sample ID: 280-212425-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.24		0.050	0.015	mg/L	1		200.7 Rev 4.4	Dissolved
Lithium	0.069		0.020	0.010	mg/L	1		200.7 Rev 4.4	Dissolved
Arsenic	0.00075	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Barium	0.036		0.0020	0.00055	mg/L	1		200.8	Dissolved
Cobalt	0.00070	J	0.0010	0.00025	mg/L	1		200.8	Dissolved
Copper	0.0014	J	0.0020	0.0010	mg/L	1		200.8	Dissolved
Manganese	0.026		0.0030	0.0015	mg/L	1		200.8	Dissolved
Molybdenum	0.0058		0.0020	0.00050	mg/L	1		200.8	Dissolved
Nickel	0.0016	J	0.0030	0.0010	mg/L	1		200.8	Dissolved
Selenium	0.00088	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Uranium	0.00027	J	0.0010	0.00025	mg/L	1		200.8	Dissolved
Nitrate Nitrite as N	6.8		1.0	0.30	mg/L	5		353.2	Total/NA
Total Dissolved Solids (TDS)	1100		20	12	mg/L	1		SM 2540C	Total/NA
Chloride	140		3.0	1.3	mg/L	1		300.0	Dissolved
Sulfate	400		15	6.5	mg/L	5		300.0	Dissolved
Fluoride	0.58		0.50	0.20	mg/L	1		300.0	Dissolved

Client Sample ID: MW-2

Lab Sample ID: 280-212425-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.29		0.050	0.015	mg/L	1		200.7 Rev 4.4	Dissolved
Lithium	0.089		0.020	0.010	mg/L	1		200.7 Rev 4.4	Dissolved
Arsenic	0.0012	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Barium	0.042		0.0020	0.00055	mg/L	1		200.8	Dissolved
Copper	0.0010	J	0.0020	0.0010	mg/L	1		200.8	Dissolved
Manganese	0.12		0.0030	0.0015	mg/L	1		200.8	Dissolved
Molybdenum	0.013		0.0020	0.00050	mg/L	1		200.8	Dissolved
Selenium	0.0015	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Uranium	0.00026	J	0.0010	0.00025	mg/L	1		200.8	Dissolved
Nitrate Nitrite as N	2.1		0.20	0.060	mg/L	1		353.2	Total/NA
Total Dissolved Solids (TDS)	1100		20	12	mg/L	1		SM 2540C	Total/NA
Chloride	65		3.0	1.3	mg/L	1		300.0	Dissolved
Sulfate	540		15	6.5	mg/L	5		300.0	Dissolved
Fluoride	0.87		0.50	0.20	mg/L	1		300.0	Dissolved

Client Sample ID: MW-3

Lab Sample ID: 280-212425-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.25		0.050	0.015	mg/L	1		200.7 Rev 4.4	Dissolved
Lithium	0.048		0.020	0.010	mg/L	1		200.7 Rev 4.4	Dissolved
Barium	0.026		0.0020	0.00055	mg/L	1		200.8	Dissolved
Manganese	0.019		0.0030	0.0015	mg/L	1		200.8	Dissolved
Molybdenum	0.0017	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Nickel	0.0012	J	0.0030	0.0010	mg/L	1		200.8	Dissolved
Uranium	0.00026	J	0.0010	0.00025	mg/L	1		200.8	Dissolved
Nitrate Nitrite as N	11		1.0	0.30	mg/L	5		353.2	Total/NA
Total Dissolved Solids (TDS)	1200		20	12	mg/L	1		SM 2540C	Total/NA
Chloride	94		3.0	1.3	mg/L	1		300.0	Dissolved
Sulfate	490		15	6.5	mg/L	5		300.0	Dissolved
Fluoride	0.49	J	0.50	0.20	mg/L	1		300.0	Dissolved

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: J&T Consulting, Inc.

Job ID: 280-212425-1

Project/Site: Quarterly Monitoring Wells - Oglivy River

Client Sample ID: MW-4

Lab Sample ID: 280-212425-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.26		0.050	0.015	mg/L	1		200.7 Rev 4.4	Dissolved
Lithium	0.034		0.020	0.010	mg/L	1		200.7 Rev 4.4	Dissolved
Barium	0.022		0.0020	0.00055	mg/L	1		200.8	Dissolved
Manganese	0.022		0.0030	0.0015	mg/L	1		200.8	Dissolved
Molybdenum	0.0012	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Nickel	0.0012	J	0.0030	0.0010	mg/L	1		200.8	Dissolved
Selenium	0.00055	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Uranium	0.00026	J	0.0010	0.00025	mg/L	1		200.8	Dissolved
Nitrate Nitrite as N	13		1.0	0.30	mg/L	5		353.2	Total/NA
Total Dissolved Solids (TDS)	1200		20	12	mg/L	1		SM 2540C	Total/NA
Chloride	97		3.0	1.3	mg/L	1		300.0	Dissolved
Sulfate	480		15	6.5	mg/L	5		300.0	Dissolved
Fluoride	0.29	J	0.50	0.20	mg/L	1		300.0	Dissolved

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: J&T Consulting, Inc.

Job ID: 280-212425-1

Project/Site: Quarterly Monitoring Wells - Oglivy River

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	EET DEN
200.8	Metals (ICP/MS)	EPA	EET DEN
245.1	Mercury (CVAA)	EPA	EET DEN
300.0	Anions, Ion Chromatography	EPA	EET DEN
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET DEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DEN
200.7	Preparation, Total Recoverable Metals	EPA	EET DEN
200.8	Preparation, Total Recoverable Metals	EPA	EET DEN
245.1	Preparation, Mercury	EPA	EET DEN

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: J&T Consulting, Inc.
Project/Site: Quarterly Monitoring Wells - Oglivy River

Job ID: 280-212425-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
280-212425-1	MW-1	Water	08/22/25 12:50	08/22/25 16:45	Colorado
280-212425-2	MW-2	Water	08/22/25 13:15	08/22/25 16:45	Colorado
280-212425-3	MW-3	Water	08/22/25 12:30	08/22/25 16:45	Colorado
280-212425-4	MW-4	Water	08/22/25 12:10	08/22/25 16:45	Colorado

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Client Sample Results

Client: J&T Consulting, Inc.

Job ID: 280-212425-1

Project/Site: Quarterly Monitoring Wells - Oglivy River

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Client Sample ID: MW-1

Date Collected: 08/22/25 12:50

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.24		0.050	0.015	mg/L		08/25/25 10:57	08/26/25 21:34	1
Lithium	0.069		0.020	0.010	mg/L		08/25/25 10:57	08/26/25 21:34	1

Client Sample ID: MW-2

Date Collected: 08/22/25 13:15

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.29		0.050	0.015	mg/L		08/25/25 10:57	08/26/25 21:52	1
Lithium	0.089		0.020	0.010	mg/L		08/25/25 10:57	08/26/25 21:52	1

Client Sample ID: MW-3

Date Collected: 08/22/25 12:30

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.25		0.050	0.015	mg/L		08/25/25 10:57	08/26/25 21:56	1
Lithium	0.048		0.020	0.010	mg/L		08/25/25 10:57	08/26/25 21:56	1

Client Sample ID: MW-4

Date Collected: 08/22/25 12:10

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.26		0.050	0.015	mg/L		08/25/25 10:57	08/26/25 22:01	1
Lithium	0.034		0.020	0.010	mg/L		08/25/25 10:57	08/26/25 22:01	1

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Client Sample ID: MW-1

Date Collected: 08/22/25 12:50

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:22	1
Aluminum	ND		0.10	0.025	mg/L		08/25/25 10:57	09/03/25 19:22	1
Arsenic	0.00075	J	0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:22	1
Barium	0.036		0.0020	0.00055	mg/L		08/25/25 10:57	09/03/25 19:22	1
Beryllium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:22	1
Cadmium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:22	1
Cobalt	0.00070	J	0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:22	1
Chromium	ND		0.0030	0.0010	mg/L		08/25/25 10:57	09/03/25 19:22	1
Copper	0.0014	J	0.0020	0.0010	mg/L		08/25/25 10:57	09/03/25 19:22	1
Iron	ND		0.20	0.050	mg/L		08/25/25 10:57	09/03/25 19:22	1
Manganese	0.026		0.0030	0.0015	mg/L		08/25/25 10:57	09/03/25 19:22	1
Molybdenum	0.0058		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:22	1
Nickel	0.0016	J	0.0030	0.0010	mg/L		08/25/25 10:57	09/03/25 19:22	1
Lead	ND		0.0010	0.00050	mg/L		08/25/25 10:57	09/03/25 19:22	1
Antimony	ND		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:22	1
Selenium	0.00088	J	0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:22	1
Thallium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:22	1
Uranium	0.00027	J	0.0010	0.00025	mg/L		08/25/25 10:57	09/04/25 17:02	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 10:57	09/03/25 19:22	1
Zinc	ND		0.010	0.0050	mg/L		08/25/25 10:57	09/03/25 19:22	1

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Client Sample Results

Client: J&T Consulting, Inc.

Job ID: 280-212425-1

Project/Site: Quarterly Monitoring Wells - Oglivy River

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Client Sample ID: MW-2

Date Collected: 08/22/25 13:15

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:25	1
Aluminum	ND		0.10	0.025	mg/L		08/25/25 10:57	09/03/25 19:25	1
Arsenic	0.0012	J	0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:25	1
Barium	0.042		0.0020	0.00055	mg/L		08/25/25 10:57	09/03/25 19:25	1
Beryllium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:25	1
Cadmium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:25	1
Cobalt	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:25	1
Chromium	ND		0.0030	0.0010	mg/L		08/25/25 10:57	09/03/25 19:25	1
Copper	0.0010	J	0.0020	0.0010	mg/L		08/25/25 10:57	09/03/25 19:25	1
Iron	ND		0.20	0.050	mg/L		08/25/25 10:57	09/03/25 19:25	1
Manganese	0.12		0.0030	0.0015	mg/L		08/25/25 10:57	09/03/25 19:25	1
Molybdenum	0.013		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:25	1
Nickel	ND		0.0030	0.0010	mg/L		08/25/25 10:57	09/03/25 19:25	1
Lead	ND		0.0010	0.00050	mg/L		08/25/25 10:57	09/03/25 19:25	1
Antimony	ND		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:25	1
Selenium	0.0015	J	0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:25	1
Thallium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:25	1
Uranium	0.00026	J	0.0010	0.00025	mg/L		08/25/25 10:57	09/04/25 17:05	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 10:57	09/03/25 19:25	1
Zinc	ND		0.010	0.0050	mg/L		08/25/25 10:57	09/03/25 19:25	1

Client Sample ID: MW-3

Date Collected: 08/22/25 12:30

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:29	1
Aluminum	ND		0.10	0.025	mg/L		08/25/25 10:57	09/03/25 19:29	1
Arsenic	ND		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:29	1
Barium	0.026		0.0020	0.00055	mg/L		08/25/25 10:57	09/03/25 19:29	1
Beryllium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:29	1
Cadmium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:29	1
Cobalt	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:29	1
Chromium	ND		0.0030	0.0010	mg/L		08/25/25 10:57	09/03/25 19:29	1
Copper	ND		0.0020	0.0010	mg/L		08/25/25 10:57	09/03/25 19:29	1
Iron	ND		0.20	0.050	mg/L		08/25/25 10:57	09/03/25 19:29	1
Manganese	0.019		0.0030	0.0015	mg/L		08/25/25 10:57	09/03/25 19:29	1
Molybdenum	0.0017	J	0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:29	1
Nickel	0.0012	J	0.0030	0.0010	mg/L		08/25/25 10:57	09/03/25 19:29	1
Lead	ND		0.0010	0.00050	mg/L		08/25/25 10:57	09/03/25 19:29	1
Antimony	ND		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:29	1
Selenium	ND		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:29	1
Thallium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:29	1
Uranium	0.00026	J	0.0010	0.00025	mg/L		08/25/25 10:57	09/04/25 17:09	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 10:57	09/03/25 19:29	1
Zinc	ND		0.010	0.0050	mg/L		08/25/25 10:57	09/03/25 19:29	1

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Client Sample Results

Client: J&T Consulting, Inc.
Project/Site: Quarterly Monitoring Wells - Oglivy River

Job ID: 280-212425-1

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Client Sample ID: MW-4
Date Collected: 08/22/25 12:10
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:33	1
Aluminum	ND		0.10	0.025	mg/L		08/25/25 10:57	09/03/25 19:33	1
Arsenic	ND		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:33	1
Barium	0.022		0.0020	0.00055	mg/L		08/25/25 10:57	09/03/25 19:33	1
Beryllium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:33	1
Cadmium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:33	1
Cobalt	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:33	1
Chromium	ND		0.0030	0.0010	mg/L		08/25/25 10:57	09/03/25 19:33	1
Copper	ND		0.0020	0.0010	mg/L		08/25/25 10:57	09/03/25 19:33	1
Iron	ND		0.20	0.050	mg/L		08/25/25 10:57	09/03/25 19:33	1
Manganese	0.022		0.0030	0.0015	mg/L		08/25/25 10:57	09/03/25 19:33	1
Molybdenum	0.0012	J	0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:33	1
Nickel	0.0012	J	0.0030	0.0010	mg/L		08/25/25 10:57	09/03/25 19:33	1
Lead	ND		0.0010	0.00050	mg/L		08/25/25 10:57	09/03/25 19:33	1
Antimony	ND		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:33	1
Selenium	0.00055	J	0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:33	1
Thallium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:33	1
Uranium	0.00026	J	0.0010	0.00025	mg/L		08/25/25 10:57	09/04/25 17:23	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 10:57	09/03/25 19:33	1
Zinc	ND		0.010	0.0050	mg/L		08/25/25 10:57	09/03/25 19:33	1

Method: EPA 245.1 - Mercury (CVAA) - Dissolved

Client Sample ID: MW-1
Date Collected: 08/22/25 12:50
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000060	mg/L		08/25/25 09:11	08/26/25 11:54	1

Client Sample ID: MW-2
Date Collected: 08/22/25 13:15
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000060	mg/L		08/25/25 09:11	08/26/25 11:55	1

Client Sample ID: MW-3
Date Collected: 08/22/25 12:30
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000060	mg/L		08/25/25 09:11	08/26/25 11:56	1

Client Sample ID: MW-4
Date Collected: 08/22/25 12:10
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000060	mg/L		08/25/25 09:11	08/26/25 11:58	1

Client Sample Results

Client: J&T Consulting, Inc.
Project/Site: Quarterly Monitoring Wells - Oglivy River

Job ID: 280-212425-1

General Chemistry

Client Sample ID: MW-1
Date Collected: 08/22/25 12:50
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N (EPA 353.2)	6.8		1.0	0.30	mg/L			08/28/25 13:59	5
Total Dissolved Solids (TDS) (SM 2540C)	1100		20	12	mg/L			08/27/25 10:35	1

Client Sample ID: MW-2
Date Collected: 08/22/25 13:15
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N (EPA 353.2)	2.1		0.20	0.060	mg/L			08/28/25 14:03	1
Total Dissolved Solids (TDS) (SM 2540C)	1100		20	12	mg/L			08/27/25 10:35	1

Client Sample ID: MW-3
Date Collected: 08/22/25 12:30
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N (EPA 353.2)	11		1.0	0.30	mg/L			08/28/25 14:04	5
Total Dissolved Solids (TDS) (SM 2540C)	1200		20	12	mg/L			08/27/25 10:35	1

Client Sample ID: MW-4
Date Collected: 08/22/25 12:10
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N (EPA 353.2)	13		1.0	0.30	mg/L			08/28/25 14:05	5
Total Dissolved Solids (TDS) (SM 2540C)	1200		20	12	mg/L			08/27/25 10:35	1

General Chemistry - Dissolved

Client Sample ID: MW-1
Date Collected: 08/22/25 12:50
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	140		3.0	1.3	mg/L			08/25/25 22:29	1
Sulfate (EPA 300.0)	400		15	6.5	mg/L			08/25/25 22:43	5
Fluoride (EPA 300.0)	0.58		0.50	0.20	mg/L			08/25/25 22:29	1

Client Sample ID: MW-2
Date Collected: 08/22/25 13:15
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	65		3.0	1.3	mg/L			08/25/25 22:57	1
Sulfate (EPA 300.0)	540		15	6.5	mg/L			08/25/25 23:11	5
Fluoride (EPA 300.0)	0.87		0.50	0.20	mg/L			08/25/25 22:57	1

Client Sample ID: MW-3
Date Collected: 08/22/25 12:30
Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	94		3.0	1.3	mg/L			08/25/25 23:25	1
Sulfate (EPA 300.0)	490		15	6.5	mg/L			08/25/25 23:39	5

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Client Sample Results

Client: J&T Consulting, Inc.

Job ID: 280-212425-1

Project/Site: Quarterly Monitoring Wells - Oglivy River

General Chemistry - Dissolved (Continued)

Client Sample ID: MW-3

Date Collected: 08/22/25 12:30

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (EPA 300.0)	0.49	J	0.50	0.20	mg/L			08/25/25 23:25	1

Client Sample ID: MW-4

Date Collected: 08/22/25 12:10

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	97		3.0	1.3	mg/L			08/25/25 23:53	1
Sulfate (EPA 300.0)	480		15	6.5	mg/L			08/26/25 00:36	5
Fluoride (EPA 300.0)	0.29	J	0.50	0.20	mg/L			08/25/25 23:53	1

QC Sample Results

Client: J&T Consulting, Inc.
Project/Site: Quarterly Monitoring Wells - Oglivy River

Job ID: 280-212425-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 280-710563/1-A
Matrix: Water
Analysis Batch: 710997

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 710563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	ND		0.050	0.015	mg/L		08/25/25 10:57	08/26/25 21:08	1
Lithium	ND		0.020	0.010	mg/L		08/25/25 10:57	08/26/25 21:08	1

Lab Sample ID: LCS 280-710563/2-A
Matrix: Water
Analysis Batch: 710997

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 710563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	2.00	2.07		mg/L		103	85 - 115
Lithium	1.00	1.01		mg/L		101	85 - 115

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 280-710563/1-A
Matrix: Water
Analysis Batch: 711904

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 710563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:00	1
Aluminum	ND		0.10	0.025	mg/L		08/25/25 10:57	09/03/25 19:00	1
Arsenic	ND		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:00	1
Barium	ND		0.0020	0.00055	mg/L		08/25/25 10:57	09/03/25 19:00	1
Beryllium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:00	1
Cadmium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:00	1
Cobalt	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:00	1
Chromium	0.00126	J	0.0030	0.0010	mg/L		08/25/25 10:57	09/03/25 19:00	1
Copper	ND		0.0020	0.0010	mg/L		08/25/25 10:57	09/03/25 19:00	1
Iron	0.123	J	0.20	0.050	mg/L		08/25/25 10:57	09/03/25 19:00	1
Manganese	ND		0.0030	0.0015	mg/L		08/25/25 10:57	09/03/25 19:00	1
Molybdenum	ND		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:00	1
Nickel	ND		0.0030	0.0010	mg/L		08/25/25 10:57	09/03/25 19:00	1
Lead	ND		0.0010	0.00050	mg/L		08/25/25 10:57	09/03/25 19:00	1
Antimony	ND		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:00	1
Selenium	ND		0.0020	0.00050	mg/L		08/25/25 10:57	09/03/25 19:00	1
Thallium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/03/25 19:00	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 10:57	09/03/25 19:00	1
Zinc	ND		0.010	0.0050	mg/L		08/25/25 10:57	09/03/25 19:00	1

Lab Sample ID: MB 280-710563/1-A
Matrix: Water
Analysis Batch: 712073

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 710563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	ND		0.0010	0.00025	mg/L		08/25/25 10:57	09/04/25 16:39	1

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QC Sample Results

Client: J&T Consulting, Inc.
Project/Site: Quarterly Monitoring Wells - Oglivy River

Job ID: 280-212425-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 280-710563/22-A

Matrix: Water

Analysis Batch: 711904

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 710563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.0400	0.0427		mg/L		107	90 - 114
Aluminum	0.800	0.733		mg/L		92	85 - 115
Arsenic	0.0400	0.0394		mg/L		98	89 - 111
Barium	0.0400	0.0400		mg/L		100	89 - 115
Beryllium	0.0400	0.0358		mg/L		90	85 - 115
Cadmium	0.0400	0.0385		mg/L		96	89 - 111
Cobalt	0.0400	0.0383		mg/L		96	92 - 115
Chromium	0.0400	0.0393		mg/L		98	86 - 115
Copper	0.0400	0.0409		mg/L		102	90 - 115
Iron	0.800	0.792		mg/L		99	85 - 115
Manganese	0.0400	0.0380		mg/L		95	87 - 115
Molybdenum	0.0400	0.0410		mg/L		103	89 - 112
Nickel	0.0400	0.0387		mg/L		97	86 - 115
Lead	0.0400	0.0397		mg/L		99	88 - 115
Antimony	0.0400	0.0407		mg/L		102	85 - 115
Selenium	0.0400	0.0398		mg/L		100	85 - 114
Thallium	0.0400	0.0398		mg/L		99	86 - 115
Vanadium	0.0400	0.0391		mg/L		98	90 - 115
Zinc	0.0400	0.0446		mg/L		111	88 - 115

Lab Sample ID: LCS 280-710563/22-A

Matrix: Water

Analysis Batch: 712074

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 710563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Uranium	0.0400	0.0374		mg/L		94	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 280-710523/1-A

Matrix: Water

Analysis Batch: 710820

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 710523

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000060	mg/L		08/25/25 09:11	08/26/25 11:17	1

Lab Sample ID: LCS 280-710523/2-A

Matrix: Water

Analysis Batch: 710820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 710523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00497		mg/L		99	85 - 115

QC Sample Results

Client: J&T Consulting, Inc.
Project/Site: Quarterly Monitoring Wells - Oglivy River

Job ID: 280-212425-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 280-710583/6

Matrix: Water

Analysis Batch: 710583

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	1.3	mg/L			08/25/25 15:08	1
Sulfate	ND		3.0	1.3	mg/L			08/25/25 15:08	1
Fluoride	ND		0.50	0.20	mg/L			08/25/25 15:08	1

Lab Sample ID: LCS 280-710583/4

Matrix: Water

Analysis Batch: 710583

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	103		mg/L		103	90 - 110
Sulfate	100	103		mg/L		103	90 - 110
Fluoride	5.00	5.02		mg/L		100	90 - 110

Lab Sample ID: LCSD 280-710583/5

Matrix: Water

Analysis Batch: 710583

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	100	103		mg/L		103	90 - 110	0	10
Sulfate	100	103		mg/L		103	90 - 110	0	10
Fluoride	5.00	5.03		mg/L		101	90 - 110	0	10

Lab Sample ID: MRL 280-710583/3

Matrix: Water

Analysis Batch: 710583

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.00	3.02		mg/L		101	50 - 150
Sulfate	3.00	3.34		mg/L		111	50 - 150
Fluoride	0.500	0.517		mg/L		103	50 - 150

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 280-711272/62

Matrix: Water

Analysis Batch: 711272

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	0.060	mg/L			08/28/25 13:55	1

Lab Sample ID: LCS 280-711272/63

Matrix: Water

Analysis Batch: 711272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	0.982		mg/L		98	90 - 110

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QC Sample Results

Client: J&T Consulting, Inc.
Project/Site: Quarterly Monitoring Wells - Oglivy River

Job ID: 280-212425-1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCSD 280-711272/64

Matrix: Water

Analysis Batch: 711272

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	1.00	0.989		mg/L		99	90 - 110	1	10

Lab Sample ID: 280-212425-1 MS

Matrix: Water

Analysis Batch: 711272

Client Sample ID: MW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	6.8		10.0	17.0		mg/L		101	90 - 110		

Lab Sample ID: 280-212425-1 MSD

Matrix: Water

Analysis Batch: 711272

Client Sample ID: MW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	6.8		10.0	17.0		mg/L		101	90 - 110	0	10

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 280-710978/1

Matrix: Water

Analysis Batch: 710978

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (TDS)	ND		10	6.0	mg/L			08/27/25 10:35	1

Lab Sample ID: LCS 280-710978/2

Matrix: Water

Analysis Batch: 710978

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids (TDS)	501	505		mg/L		101	88 - 114		

QC Association Summary

Client: J&T Consulting, Inc.
Project/Site: Quarterly Monitoring Wells - Oglivy River

Job ID: 280-212425-1

Metals

Prep Batch: 710523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-212425-1	MW-1	Dissolved	Water	245.1	
280-212425-2	MW-2	Dissolved	Water	245.1	
280-212425-3	MW-3	Dissolved	Water	245.1	
280-212425-4	MW-4	Dissolved	Water	245.1	
MB 280-710523/1-A	Method Blank	Total/NA	Water	245.1	
LCS 280-710523/2-A	Lab Control Sample	Total/NA	Water	245.1	

Prep Batch: 710563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-212425-1	MW-1	Dissolved	Water	200.7	
280-212425-2	MW-2	Dissolved	Water	200.7	
280-212425-3	MW-3	Dissolved	Water	200.7	
280-212425-4	MW-4	Dissolved	Water	200.7	
MB 280-710563/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 280-710563/22-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCS 280-710563/2-A	Lab Control Sample	Total Recoverable	Water	200.7	

Analysis Batch: 710820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-212425-1	MW-1	Dissolved	Water	245.1	710523
280-212425-2	MW-2	Dissolved	Water	245.1	710523
280-212425-3	MW-3	Dissolved	Water	245.1	710523
280-212425-4	MW-4	Dissolved	Water	245.1	710523
MB 280-710523/1-A	Method Blank	Total/NA	Water	245.1	710523
LCS 280-710523/2-A	Lab Control Sample	Total/NA	Water	245.1	710523

Analysis Batch: 710997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-212425-1	MW-1	Dissolved	Water	200.7 Rev 4.4	710563
280-212425-2	MW-2	Dissolved	Water	200.7 Rev 4.4	710563
280-212425-3	MW-3	Dissolved	Water	200.7 Rev 4.4	710563
280-212425-4	MW-4	Dissolved	Water	200.7 Rev 4.4	710563
MB 280-710563/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	710563
LCS 280-710563/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	710563

Analysis Batch: 711904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-212425-1	MW-1	Dissolved	Water	200.8	710563
280-212425-2	MW-2	Dissolved	Water	200.8	710563
280-212425-3	MW-3	Dissolved	Water	200.8	710563
280-212425-4	MW-4	Dissolved	Water	200.8	710563
MB 280-710563/1-A	Method Blank	Total Recoverable	Water	200.8	710563
LCS 280-710563/22-A	Lab Control Sample	Total Recoverable	Water	200.8	710563

Analysis Batch: 712073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-212425-1	MW-1	Dissolved	Water	200.8	710563
280-212425-2	MW-2	Dissolved	Water	200.8	710563
280-212425-3	MW-3	Dissolved	Water	200.8	710563
280-212425-4	MW-4	Dissolved	Water	200.8	710563
MB 280-710563/1-A	Method Blank	Total Recoverable	Water	200.8	710563

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QC Association Summary

Client: J&T Consulting, Inc.

Job ID: 280-212425-1

Project/Site: Quarterly Monitoring Wells - Oglivy River

Metals

Analysis Batch: 712074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 280-710563/22-A	Lab Control Sample	Total Recoverable	Water	200.8	710563

General Chemistry

Analysis Batch: 710583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-212425-1	MW-1	Dissolved	Water	300.0	
280-212425-1	MW-1	Dissolved	Water	300.0	
280-212425-2	MW-2	Dissolved	Water	300.0	
280-212425-2	MW-2	Dissolved	Water	300.0	
280-212425-3	MW-3	Dissolved	Water	300.0	
280-212425-3	MW-3	Dissolved	Water	300.0	
280-212425-4	MW-4	Dissolved	Water	300.0	
280-212425-4	MW-4	Dissolved	Water	300.0	
MB 280-710583/6	Method Blank	Total/NA	Water	300.0	
LCS 280-710583/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 280-710583/5	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 280-710583/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 710978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-212425-1	MW-1	Total/NA	Water	SM 2540C	
280-212425-2	MW-2	Total/NA	Water	SM 2540C	
280-212425-3	MW-3	Total/NA	Water	SM 2540C	
280-212425-4	MW-4	Total/NA	Water	SM 2540C	
MB 280-710978/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 280-710978/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 711272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-212425-1	MW-1	Total/NA	Water	353.2	
280-212425-2	MW-2	Total/NA	Water	353.2	
280-212425-3	MW-3	Total/NA	Water	353.2	
280-212425-4	MW-4	Total/NA	Water	353.2	
MB 280-711272/62	Method Blank	Total/NA	Water	353.2	
LCS 280-711272/63	Lab Control Sample	Total/NA	Water	353.2	
LCSD 280-711272/64	Lab Control Sample Dup	Total/NA	Water	353.2	
280-212425-1 MS	MW-1	Total/NA	Water	353.2	
280-212425-1 MSD	MW-1	Total/NA	Water	353.2	

Lab Chronicle

Client: J&T Consulting, Inc.
Project/Site: Quarterly Monitoring Wells - Oglivy River

Job ID: 280-212425-1

Client Sample ID: MW-1

Date Collected: 08/22/25 12:50

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			710997	08/26/25 21:34	ADL	EET DEN
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.8		1			711904	09/03/25 19:22	LMT	EET DEN
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.8		1			712073	09/04/25 17:02	LMT	EET DEN
Dissolved	Prep	245.1			30 mL	50 mL	710523	08/25/25 09:11	AES	EET DEN
Dissolved	Analysis	245.1		1			710820	08/26/25 11:54	AES	EET DEN
Dissolved	Analysis	300.0		1	10 mL	10 mL	710583	08/25/25 22:29	SLH	EET DEN
Dissolved	Analysis	300.0		5	10 mL	10 mL	710583	08/25/25 22:43	SLH	EET DEN
Total/NA	Analysis	353.2		5	100 mL	100 mL	711272	08/28/25 13:59	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	710978	08/27/25 10:35	YBF	EET DEN

Client Sample ID: MW-2

Date Collected: 08/22/25 13:15

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			710997	08/26/25 21:52	ADL	EET DEN
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.8		1			711904	09/03/25 19:25	LMT	EET DEN
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.8		1			712073	09/04/25 17:05	LMT	EET DEN
Dissolved	Prep	245.1			30 mL	50 mL	710523	08/25/25 09:11	AES	EET DEN
Dissolved	Analysis	245.1		1			710820	08/26/25 11:55	AES	EET DEN
Dissolved	Analysis	300.0		1	10 mL	10 mL	710583	08/25/25 22:57	SLH	EET DEN
Dissolved	Analysis	300.0		5	10 mL	10 mL	710583	08/25/25 23:11	SLH	EET DEN
Total/NA	Analysis	353.2		1	100 mL	100 mL	711272	08/28/25 14:03	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	710978	08/27/25 10:35	YBF	EET DEN

Client Sample ID: MW-3

Date Collected: 08/22/25 12:30

Date Received: 08/22/25 16:45

Lab Sample ID: 280-212425-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			710997	08/26/25 21:56	ADL	EET DEN
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.8		1			711904	09/03/25 19:29	LMT	EET DEN
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.8		1			712073	09/04/25 17:09	LMT	EET DEN
Dissolved	Prep	245.1			30 mL	50 mL	710523	08/25/25 09:11	AES	EET DEN
Dissolved	Analysis	245.1		1			710820	08/26/25 11:56	AES	EET DEN

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Lab Chronicle

Client: J&T Consulting, Inc.
Project/Site: Quarterly Monitoring Wells - Oglivy River

Job ID: 280-212425-1

Client Sample ID: MW-3

Lab Sample ID: 280-212425-3

Date Collected: 08/22/25 12:30

Matrix: Water

Date Received: 08/22/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	300.0		1	10 mL	10 mL	710583	08/25/25 23:25	SLH	EET DEN
Dissolved	Analysis	300.0		5	10 mL	10 mL	710583	08/25/25 23:39	SLH	EET DEN
Total/NA	Analysis	353.2		5	100 mL	100 mL	711272	08/28/25 14:04	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	710978	08/27/25 10:35	YBF	EET DEN

Client Sample ID: MW-4

Lab Sample ID: 280-212425-4

Date Collected: 08/22/25 12:10

Matrix: Water

Date Received: 08/22/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			710997	08/26/25 22:01	ADL	EET DEN
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.8		1			711904	09/03/25 19:33	LMT	EET DEN
Dissolved	Prep	200.7			50 mL	50 mL	710563	08/25/25 10:57	MR	EET DEN
Dissolved	Analysis	200.8		1			712073	09/04/25 17:23	LMT	EET DEN
Dissolved	Prep	245.1			30 mL	50 mL	710523	08/25/25 09:11	AES	EET DEN
Dissolved	Analysis	245.1		1			710820	08/26/25 11:58	AES	EET DEN
Dissolved	Analysis	300.0		1	10 mL	10 mL	710583	08/25/25 23:53	SLH	EET DEN
Dissolved	Analysis	300.0		5	10 mL	10 mL	710583	08/26/25 00:36	SLH	EET DEN
Total/NA	Analysis	353.2		5	100 mL	100 mL	711272	08/28/25 14:05	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	710978	08/27/25 10:35	YBF	EET DEN

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: J&T Consulting, Inc.

Job ID: 280-212425-1

Project/Site: Quarterly Monitoring Wells - Oglivy River

Laboratory: Eurofins Denver

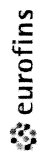
All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	10-31-26
A2LA	ISO/IEC 17025	2907.01	10-31-26
Alabama	State Program	40730	09-30-12 *
Alaska (UST)	State	18-001	11-30-25
Arizona	State	AZ0713	12-20-25
Arkansas DEQ	State	88-00687	04-02-26
California	State	2513	01-08-26
Colorado	Petroleum Storage Tank Program	2907.01 (A2LA)	10-31-26
Colorado	State	CO00026	06-30-26
Connecticut	State	PH-0686	09-30-26
Florida	NELAP	E87667	06-30-26
Georgia	State	4025	01-08-26
Illinois	NELAP	200017	05-31-26
Iowa	State	370	12-01-26
Kansas	NELAP	E-10166	04-30-26
Kentucky (WW)	State	KY98047	12-31-25
Louisiana	NELAP	30785	06-30-14 *
Louisiana (All)	NELAP	30785	06-30-26
Minnesota	NELAP	1788752	12-31-25
Montana (DW)	State	CERT0117	01-01-26
Nevada	State	CO00026	07-31-26
New Hampshire	NELAP	2053	04-28-26
New Jersey	NELAP	CO004	06-30-26
New York	NELAP	11964	04-01-26
North Dakota	State	R-034	07-25-25 *
Oklahoma	NELAP	8614	12-31-25
Oregon	NELAP	4025	01-08-26
Pennsylvania	NELAP	68-00664	07-31-26
South Carolina	State	72002001	01-18-26
Texas	NELAP	TX104704183-08-TX	09-30-09 *
Texas	NELAP	T104704183	09-30-25
US Fish & Wildlife	US Federal Programs	058448	07-31-26
USDA	US Federal Programs	P330-20-00065	12-19-25
Utah	NELAP	QUAN5	06-30-13 *
Utah	NELAP	CO00026	07-31-25 *
Virginia	NELAP	460232	06-14-26
Washington	State	C583	08-03-26
West Virginia DEP	State	354	11-30-25
Wisconsin	State	999615430	08-31-26
Wyoming (UST)	A2LA	2907.01	06-09-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Denver

Chain of Custody Record



Client Information		Sampler: DRS	Lab PM: McCabe, Shelby R	Carrier Tracking No(s):	COC No:
Client Contact: J.C. York		Phone:	E-Mail: Shelby McCabe@et.eurofins.com	State of Origin:	Page <u> </u> of <u> </u>
Company: J&T Consulting, Inc.		PWSID:	Job #:		
Address: 305 Denver Avenue, Suite D		Due Date Requested:			
City: Fort Lupton		TAT Requested (days):			
State, Zip: CO, 80621		Compliance Project: ☐ Yes ☐ No			
Phone: 303-857-6222(Tel)		PO #: Advance Payment Required			
Email: jcyork@j-tconsulting.com		WO #:			
Project Name: Quarterly Monitoring Wells		Project #:			
Site: Ogilvy River		SSOW#:			
Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air, DW=Drinking Water)		Sample Type (C=Comp, G=grab)	Sample Time	Sample Date	Preservation Code
Sample Identification					
MW-1		G	12:50	8-22-25	W
MW-2		G	1:15	8-22-25	W
MW-3		G	12:30	8-22-25	W
MW-4		G	12:10	8-22-25	W
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by:		Date:			
Relinquished by: <i>Dan Sorenson</i>		Date: 8/22/25 2:30			
Relinquished by: <i>Daniel Sorenson</i>		Date: 8/22/25 2:45			
Relinquished by:		Date:			
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:			

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For <u> </u> Months		Special Instructions/QC Requirements:	
Special Instructions/Note:		Method of Shipment:	
Field Filtered Sample (Yes or No)		Received by:	
2540C, Calcd - Total Dissolved Solids (TDS)		Received by:	
353.2_Pres - Nitrogen, Nitrate-Nitrite		Received by:	
200.7 - Dissolved Boron & Lithium (Field Filtered)		Cooler Temperature(s) °C and Other Remarks: T-1.9 CF-0.2 H2O PARJ	
200.8 - Dissolved 20 Metals (Field Filtered)			
245.1 - Dissolved Mercury (Field Filtered)			
300.28D - Dissolved Chloride, Fluoride & Sulfate (Field Filtered)			
Total Number of Containers			
Preservation Codes: N - None S - H2SO4 D - HNO3			
Other:			


280-212425 Chain of Custody

Login Sample Receipt Checklist

Client: J&T Consulting, Inc.

Job Number: 280-212425-1

Login Number: 212425

List Source: Eurofins Denver

List Number: 1

Creator: Roehsner, Karen P

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	