

SEABOARD GROUP II AND THE CITY OF HIGH POINT

July 16, 2024

Mr. Kim Caulk, Supervisor Facility Management Branch
North Carolina Department of Environmental Quality
Division of Waste Management
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Re: Remedial Action Progress Report, 2024 Second Quarter
Former Seaboard Chemical and Riverdale Drive Landfill Site
Jamestown, Guilford County, North Carolina

Dear Mr. Caulk:

The Seaboard Group II and the City of High Point are providing this 2024 Second Quarter Remedial Action Progress Report for the former Seaboard Chemical Corporation facility and the closed Riverdale Drive Landfill located in Jamestown, Guilford County, North Carolina.

During the second quarter of 2024, the mechanical and phytoremediation treatment systems processed 3,323,317 gallons of extracted groundwater and leachate. Based on the average influent contaminant concentrations, approximately 503 pounds of volatile organic compounds and 32 pounds of 1,4-dioxane were recovered from the groundwater extraction wells and leachate collection systems.

The system was operational for the entire second quarter of 2024 with the exception of the following events which exceeded one day in duration:

Date	Duration	Cause of Shutdown	Corrective Measure Taken
4/7/24	1.3 days	Automatic shutdown, high water levels in T-121 and air stripper	Pump down water levels and re-start system, adjusted PIDs
4/22/24	10.5 days	Manual shutdown due to clogged sludge line at clarifier	Pump down clarifier, unclog and clean sludge line
5/16/24	1.1 days	Automatic shutdown, power failure	Restarted system
5/19/24	1.1 days	Automatic shutdown, power failure	Restarted system
5/24/24	4.5 days	Automatic shutdown, variable frequency drive (VFD) failure	Replaced VFD and performed system tests
6/15/24	2.0 days	Manual shutdown, lime line clog at storage tank	Emptied tank, cleared clog and restarted

There were no other significant shutdowns during this reporting period. Additional cleaning efforts of the sludge removal system (clarifier and sludge lines) and lime slurry components have been added to the preventative maintenance program.

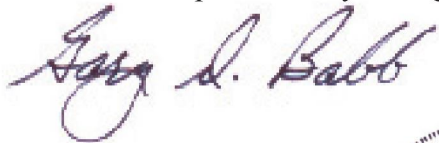
As recommended in the October 2023 Technical Memorandum 11 Final Summary Report, a quarterly groundwater and surface water monitoring program has been implemented. This monitoring program includes the on-site surface water monitoring locations (SW-1, SW-2, SW-3, SW-4, and SW-5) and two groundwater monitoring wells at the SIS Basin Area (AW-3/AWB-4). These sampling locations are shown on Figure 1 of this report.

The 2024 second quarterly groundwater and surface water samples were collected on June 20, 2024. A summary of the laboratory analytical results are provided on Table 1 (groundwater) and Table 2 (surface water) which is included with this report. These tables also provide the applicable NC Groundwater Standards, NC Surface Water Standards, NC In-Stream Target Values, or EPA National Recommended Water Quality Criteria Standards. The Eurofins laboratory report is included as an attachment to this report.

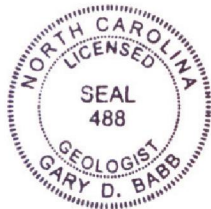
In addition to the laboratory data summary tables, groundwater potentiometric maps for the Pond 3 area at the former Seaboard Chemical property and the SIS Basin area on the landfill property are provided on Figure 2 of this report. The results of the quarterly monitoring remain consistent with prior sampling events.

Please contact Craig Coslett (610/435-1151) or Gary Babb (919/605-4719) if there are any questions or comments regarding this update.

Seaboard Group II and City of High Point



Gary D. Babb, P.G.
Babb & Associates, P.A.



Enclosures

cc: Craig Coslett – Project Oversight Coordinator
Jackie Drummond - NCDEQ Division of Solid Waste
Mr. Eric Aufderhaar - NCDEQ

FIGURES

Sample Location Map
Potentiometric Maps

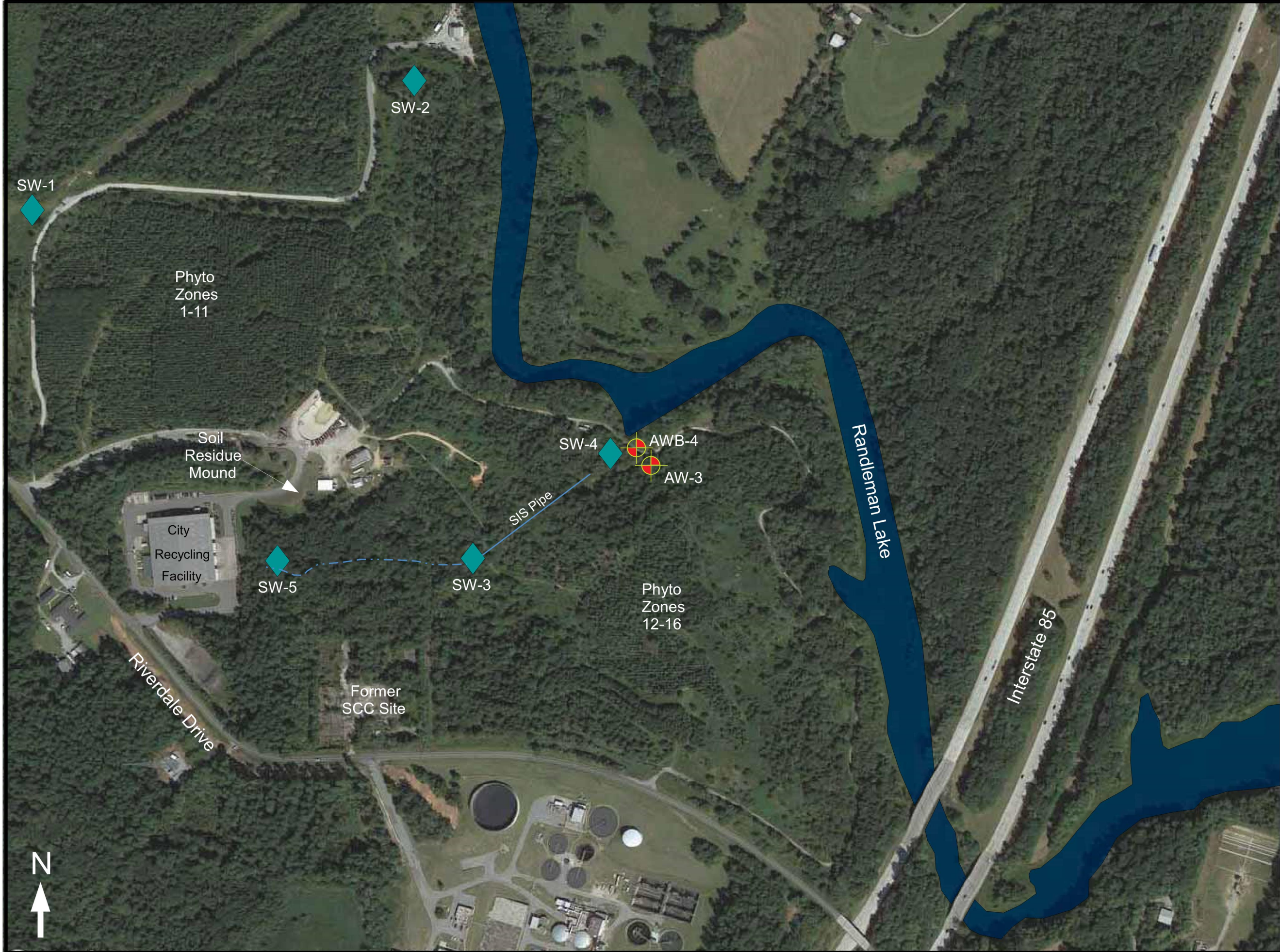


Figure 1 Quarterly Sample Locations Former Seaboard/Riverdale Drive Landfill Site 5899 Riverdale Drive Jamestown, North Carolina		Babb & Associates, P.A. 5506 Bradford Pear Court Raleigh, North Carolina 27606 (919) 605-4719	
Scale: 1" = 360'	Prep. By: G. Babb	Rev. By: G. Babb	Date:

Figure 1

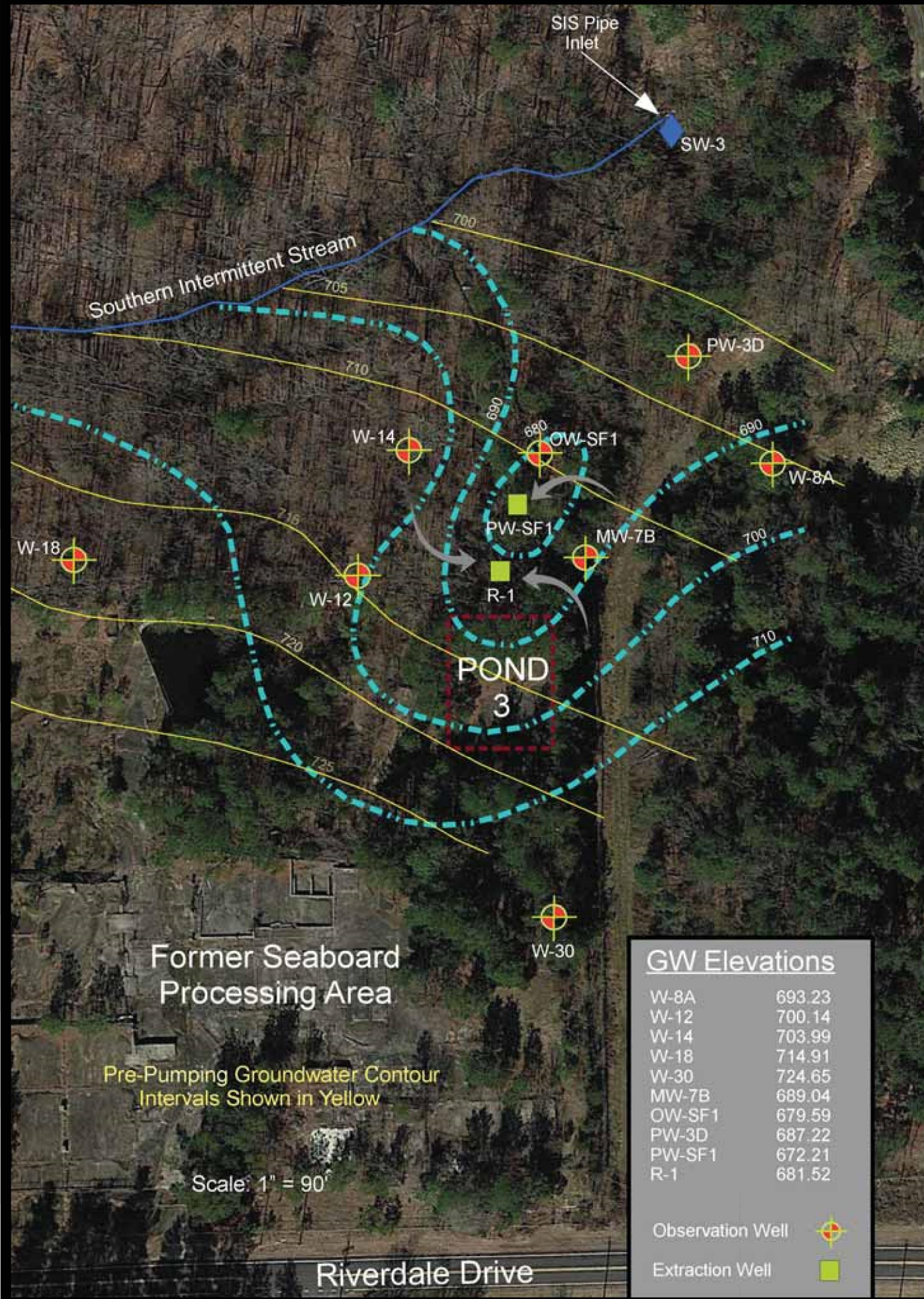
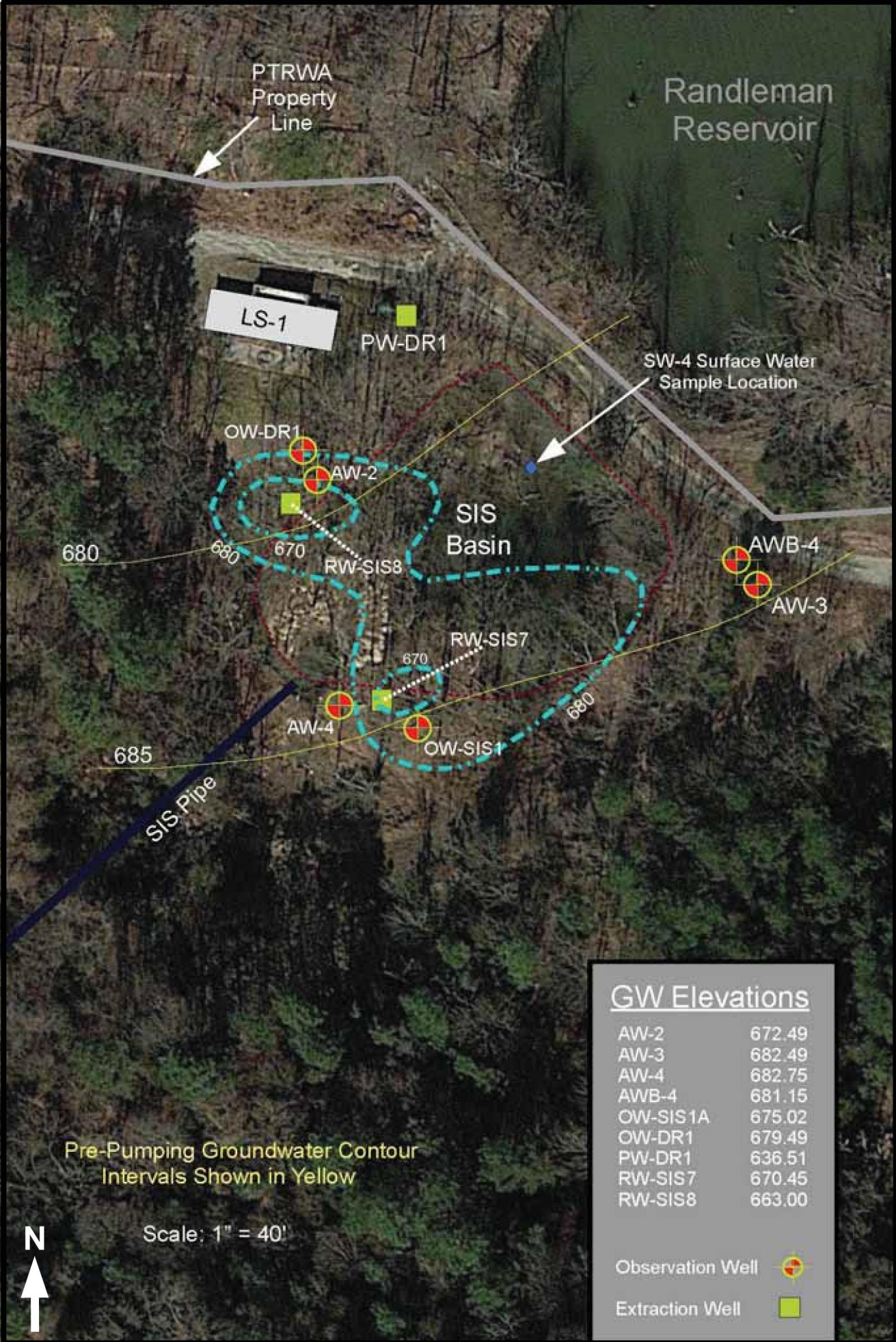


Figure 2

June 20, 2024 Groundwater Potentiometric Map

Former Seaboard Chemical/Riverdale Drive Landfill Site

Jamestown, Guilford County, North Carolina

Babb & Associates, P.A.

5506 Bradford Pear Court
Raleigh, North Carolina 27606
(919) 605-4719

Scale: As Shown

Prep. By: G. Babb

Rev. By: G. Babb

Date: June 20, 2024

Figure 2

TABLES

Quarterly Groundwater Data
Quarterly Surface Water Data

Table 1
Former Seaboard and Riverdale Drive Landfill
Quarterly Groundwater Monitoring Data ¹

[illegible]

ND = Not Detected	RS = Resampled	* Total VOCs does not include 1,4-dioxane values	J = Estimated concentration, result is between MDL and MRL
¹ All results are in ug/l (ppb)	B = Compound found in blank and sample	*+ = LCS and/or LCSD is outside acceptance limits, high biased	E = Result exceeds calibration range

Table 2
Former Seaboard and Riverdale Drive Landfill
Quarterly Surface Water Monitoring Data ¹

Sample I.D.	Date	* Total VOCs	1,1,1-Trichloroethane ²	² 1,1-Dichloroethane	1,1-Dichloroethene ³	1,2-Dichloroethane ³	1,4-Dioxane ²	Acetone ²	Benzene ⁴	Chlorobenzene ⁴	Chloroethane	Chloromethane ²	cis-1,2-Dichloroethene ²	Methylene Chloride ³	Tetrachloroethene ⁴	Toluene ⁴	trans-1,2-Dichloroethene ²	Trichloroethene ⁴	Vinyl Chloride ⁴	Xylenes (Total) ²	2-Butanone ²
Surface Water Standard (ug/l)			2500	6	300	9.9	0.35	3100	1.19	488	NE	2.6	60	20	0.7	11	290	2.5	0.025	6200	20000
SW-1	10/21/2021	Dry																			
	6/30/2022	New Extraction Wells Online																			
	10/19/2022	Dry																			
	11/30/2023	Dry																			
	1/3/2024	3	<1	<1	<1	<1	9.4	<20	<1	3.4	<1	<1	<1	<1	>1	<1	<1	<1	<1	<3	<1
	3/26/2024	0	<1	<1	<1	<1	5.8	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<1
	6/20/2024	Dry																			
SW-2	10/21/2021	Dry																			
	6/30/2022	New Extraction Wells Online																			
	10/19/2022	0	<1	<1	<1	<1	14	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	11/30/2023	Dry																			
	1/3/2024	1	<1	<1	<1	<1	6.8	<20	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<1
	3/26/2024	0	<1	<1	<1	<1	3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<1
	6/20/2024	0	<1	<1	<1	<1	20	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<20
SW-3	10/21/2021	6	0.95 J	2.1	<1	<1	4.6	<20	<1	<1	<1	<1	2.6	<1	<1	<1	<1	<1	<1	<2	<5
	6/30/2022	New Extraction Wells Online																			
	9/6/2022	2	<1	0.55 J	<1	<1	2.8	<20	<1	<1	<1	<1	1.9	<1	<1	<1	<1	<1	<1	<3	<5
	9/26/2022	1	<1	0.48 J	<1	<1	2	<20	<1	<1	<1	<1	0.63 J	<1	<1	<1	<1	<1	<1	<3	<5
	10/19/2022	2	<1	0.88 J	<1	<1	2.1	<20	<1	<1	<1	<1	1.2	<1	<1	<1	<1	<1	<1	<3	<5
	11/21/2022	1	<1	0.45 J	<1	<1	4.7	<20	<1	<1	<1	<1	0.85 J	<1	<1	<1	<1	<1	<1	<3	<5
	12/12/2022	1	<1	0.44 J	<1	<1	19	<20	<1	<1	<1	<1	0.91 J	<1	<1	<1	<1	<1	<1	<3	<5
	1/9/2023	1	<1	<1	<1	<1	14	<20	<1	<1	<1	<1	0.92 J	<1	<1	<1	<1	<1	<1	<3	<5
	2/15/2023	2	<1	0.64 J	0.27 J	<1	5.4	<20	<1	<1	<1	<1	1.5	<1	<1	<1	<1	<1	<1	<3	<5
	3/13/2023	1	<1	<1	<1	<1	4	<20	<1	<1	<1	<1	0.76 J	<1	<1	<1	<1	<1	<1	<3	<5
	4/13/2023	4	<1	0.36 J	<1	0.26 J	3.7	<20	<1	<1	<1	<1	0.91 J	0.57 J	0.98 J	0.58 J	<1	<1	<1	0.44 J	<5
	6/5/2023	1	<1	<1	<1	<1	4.3	<20	<1	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<1	<3	<5
	7/5/2023	1	<1	0.35 J	<1	<1	2.4	<20	<1	<1	<1	<1	0.64 J	<1	<1	<1	<1	<1	<1	<3	<5
	8/3/2023	0	<1	<1	<1	<1	1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	11/30/2023	1	<1	<1	<1	<1	2.5	<20	<1	<1	<1	<1	0.59 J	<1	<1	<1	<1	<1	<1	<3	<5
	1/3/2024	1	<1	0.35 J	<1	<1	11	<20	<1	<1	<1	<1	0.53 J	<1	<1	<1	<1	<1	<1	<3	<5
	3/26/2024	0	<1	<1	<1	<1	6.5	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	6/20/2024	0	<1	<1	<1	<1	10	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<20

ND = Not Detected
NS = Not Sampled
¹ All results are in ug/l (ppb)

² In-Stream Target Value

* Total VOCs does not include 1,4-dioxane values
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
³ EPA National Recommended Water Quality Criteria

J = Estimated concentration
E = Result exceeds calibration range
⁴ NC 2B Surface Water Quality Standards for Surface Water

Table 2
Former Seaboard and Riverdale Drive Landfill
Quarterly Surface Water Monitoring Data ¹

Sample I.D.	Date	* Total VOCs	1,1,1-Trichloroethane ²	1,1-Dichloroethane ²	1,1-Dichloroethene ³	1,2-Dichloroethane ³	1,4-Dioxane ²	Acetone ²	Benzene ⁴	Chlorobenzene ⁴	Chloroethane	Chloromethane ²	cis-1,2-Dichloroethene ²	Methylene Chloride ³	Tetrachloroethene ⁴	Toluene ⁴	trans-1,2-Dichloroethene ²	Trichloroethene ⁴	Vinyl Chloride ⁴	Xylenes (Total) ²	2-Butanone ²
Surface Water Standard (ug/l)			2500	6	300	9.9	0.35	3100	1.19	488	NE	2.6	60	20	0.7	11	290	2.5	0.025	6200	20000
SW-4	10/21/2021	8689	170	1100	670	120	1500	<20	0.41 J	1700	100	<1	3300	<1	18	11	<1	<1	1500	<3	<5
	6/30/2022	New Extraction Wells Online																			
	9/6/2022	3	<1	1.1	<1	<1	2.6	<1	<1	<1	<1	<1	1.5	<1	<1	<1	<1	<1	<1	<3	<5
	9/26/2022	68	0.82 J	9.7	3.9	0.87 J	18	17	<1	9.5	<1	<1	15	<1	<1	<1	<1	<1	11	<3	<5
	10/19/2022	58	1.4	12	4.2	1.1	14	<20	<1	1.8	<1	<1	18	<1	<1	<1	<1	<1	19	<3	<5
	11/21/2022	272	3.9	50	11	4.9	68	<20	<1	73	2.6	<1	60	<1	<1	<1	<1	<1	67	<3	<5
	12/12/2022	56	<1	12	5.4	<1	37	<20	<1	<1	<1	<1	22	<1	<1	<1	<1	<1	17	<3	<5
	1/9/2023	74	1.4	12	5.9	0.95 J	20	<20	<1	11	<1	<1	23	<1	<1	<1	<1	<1	20	<3	<5
	2/15/2023	165	3.1	26	13	2.5	22	<20	0.45 J	35	<1	<1	49	<1	0.51 J	<1	<1	<1	35	0.71 J	<5
	3/13/2023	74	1.1	13	5.6	1.1	15	<20	<1	13	<1	<1	22	<1	<1	<1	<1	0.37 J	18	<3	<5
	4/13/2023	178	2.8	28	12	2.5	34	<20	0.44 J	28	1.7	<1	61	0.52 J	0.46 J	0.25 J	<1	1.2	39	<3	<5
	6/5/2023	232	<1	38	18	3.5	51	<20	0.37 J	33	9.6	<1	73	<1	<1	<1	<1	0.72 J	56	<3	<5
	7/5/2023	96	1.5	21	6.2	1.4	26	<20	<1	15	<1	0.15 J	30	<1	<1	0.26 J	<1	<1	20	<3	<5
	8/3/2023	2362	30	370	160	39	470	<20	7.7	520	39	<1	680	<1	2.3	3.8	2.2	1.7	500	6.4	<5
	11/30/2023	1492	25	250	90	27	300	<20	8.8	400	73	<1	330	<1	2.3	3.2	2	2.3	270	8.1	<5
	1/3/2024	61	1.7	14	0.45 J	1.1	19	<20	0.35 J	28	<1	<1	3.4	<1	<1	<1	<1	<1	12	0.49 J	<5
	3/26/2024	23	<1	4.4	0.83 J	0.43 J	30	<20	<1	3.5	6.9	<1	4.6	<1	<1	<1	<1	<1	2	<3	<5
	6/20/2024	8.8	<1	0.37 J	<1	<1	7.1	<20	<1	5.7	<1	1.8	0.27 J	<1	<1	0.14 J	<1	<1	0.54 J	<3	<20
SW-5	10/21/2021	0	<1	<1	<1	<1	2.2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	6/30/2022	New Extraction Wells Online																			
	9/6/2022	0	<1	<1	<1	<1	9.6	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	9/26/2022	0	<1	<1	<1	<1	3.2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	10/19/2022	0	<1	<1	<1	<1	1.6	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	11/21/2022	0	<1	<1	<1	<1	2.8	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	12/12/2022	0	<1	<1	<1	<1	24	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	1/9/2023	30	<1	<1	<1	<1	22	18 J	<1	<1	<1	<1	0.61 J	<1	<1	<1	<1	<1	<1	<3	11
	2/15/2023	1	<1	<1	<1	<1	11	<20	<1	<1	<1	<1	1.2	<1	<1	<1	<1	<1	<1	<3	<5
	3/13/2023	5	<1	<1	<1	<1	3.6	5.4 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	4/13/2023	1	<1	<1	<1	<1	3.9	<20	<1	0.45 J	<1	0.14 J	0.52 J	0.34 J	<1	<1	<1	<1	<1	<3	<5
	6/5/2023	0	<1	<1	<1	<1	2.9	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	7/5/2023	0	<1	<1	<1	<1	1.8	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	8/3/2023	0	<1	<1	<1	<1	2.1	<20	<1	<1	<1	0.15 J	<1	<1	<1	<1	<1	<1	<1	<3	<5
	11/30/2023	0	<1	<1	<1	<1	7.6	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	1/3/2024	0	<1	<1	<1	<1	18	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	3/26/2024	0	<1	<1	<1	<1	11	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	6/20/2024	0	<1	<1	<1	<1	1.7	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<20

ND = Not Detected

¹ All results are in ug/l (ppb)

² In-Stream Target Value

* Total VOCs does not include 1,4-dioxane values

*+ = LCS and/or LCSD is outside acceptance limits, high biased.

³ EPA National Recommended Water Quality Criteria

J = Estimated concentration

E = Result exceeds calibration range

⁴ NC 2B Surface Water Quality Standards for Surface Water

LABORATORY REPORT

ANALYTICAL REPORT

PREPARED FOR

Attn: Ari Ferro
Seaboard Group
1550 Pond Road
Suite 120
c/o Craig Coslett-de-maximis, inc.
Allentown, Pennsylvania 18104

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JOB DESCRIPTION

GW/SW Quarterly

JOB NUMBER

752-21121-1

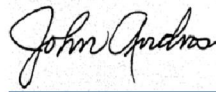
Eurofins Raleigh

Job Notes

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Authorization



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Definitions/Glossary

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Qualifiers

GC/MS VOA

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.
U	Indicates the analyte was analyzed for but not detected.

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: Seaboard Group
Project: GW/SW Quarterly

Job ID: 752-21121-1

Job ID: 752-21121-1

Eurofins Raleigh

Job Narrative
752-21121-1

Receipt

The samples were received on 6/21/2024 9:15 AM. 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 3.8°C.

GC/MS VOA

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: AW-3 (752-21121-1) and AWB-4 (752-21121-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.



Detection Summary

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: AW-3

Lab Sample ID: 752-21121-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	190		10	6.4	ug/L	20		8260D SIM 14D	Total/NA
1,1-Dichloroethane	48		1.0	0.13	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	4.0		1.0	0.21	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	0.64	J	1.0	0.19	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	1.0		1.0	0.21	ug/L	1		8260D	Total/NA
Benzene	4.2		1.0	0.15	ug/L	1		8260D	Total/NA
Chloroethane	1.4		1.0	0.23	ug/L	1		8260D	Total/NA
o-Xylene	0.30	J	1.0	0.065	ug/L	1		8260D	Total/NA
Toluene	0.61	J	1.0	0.14	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.25	J	1.0	0.21	ug/L	1		8260D	Total/NA
Vinyl chloride	37		1.0	0.32	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	1.5		1.0	0.19	ug/L	1		8260D	Total/NA
Chlorobenzene - DL	430		20	3.4	ug/L	20		8260D	Total/NA
cis-1,2-Dichloroethene - DL	24		20	3.0	ug/L	20		8260D	Total/NA

Client Sample ID: AWB-4

Lab Sample ID: 752-21121-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	780		50	32	ug/L	100		8260D SIM 14D	Total/NA
1,1-Dichloroethene	6.5		1.0	0.21	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	1.7		1.0	0.19	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	98		1.0	0.21	ug/L	1		8260D	Total/NA
Benzene	26		1.0	0.15	ug/L	1		8260D	Total/NA
Chloroethane	35		1.0	0.23	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	47		1.0	0.15	ug/L	1		8260D	Total/NA
Ethylbenzene	0.22	J	1.0	0.13	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.34	J	2.0	0.17	ug/L	1		8260D	Total/NA
o-Xylene	1.0		1.0	0.065	ug/L	1		8260D	Total/NA
Methylene Chloride	1.5		1.0	0.23	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.68	J	1.0	0.17	ug/L	1		8260D	Total/NA
Toluene	1.3		1.0	0.14	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.98	J	1.0	0.21	ug/L	1		8260D	Total/NA
Trichloroethene	2.3		1.0	0.15	ug/L	1		8260D	Total/NA
Vinyl chloride	110		1.0	0.32	ug/L	1		8260D	Total/NA
Xylenes, Total	1.3	J	3.0	0.45	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	4.2		1.0	0.19	ug/L	1		8260D	Total/NA
1,1-Dichloroethane - DL	280		20	2.6	ug/L	20		8260D	Total/NA
Chlorobenzene - DL	2200		20	3.4	ug/L	20		8260D	Total/NA

Client Sample ID: SW2

Lab Sample ID: 752-21121-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	20		1.0	0.64	ug/L	2		8260D SIM 14D	Total/NA

Client Sample ID: SW3

Lab Sample ID: 752-21121-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	10		0.50	0.32	ug/L	1		8260D SIM 14D	Total/NA

Client Sample ID: SW4

Lab Sample ID: 752-21121-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	7.1		0.50	0.32	ug/L	1		8260D SIM 14D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: SW4 (Continued) Lab Sample ID: 752-21121-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	1.8		1.0	0.23	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.27	J	1.0	0.15	ug/L	1		8260D	Total/NA
Toluene	0.14	J	1.0	0.14	ug/L	1		8260D	Total/NA
Vinyl chloride	0.54	J	1.0	0.32	ug/L	1		8260D	Total/NA
1,1-Dichloroethane - RA	0.37	J	1.0	0.13	ug/L	1		8260D	Total/NA
Chlorobenzene - RA	5.7		1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: SW5 Lab Sample ID: 752-21121-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.7		0.50	0.32	ug/L	1		8260D SIM 14D	Total/NA

Client Sample ID: Trip Blank Lab Sample ID: 752-21121-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: AW-3

Lab Sample ID: 752-21121-1

Date Collected: 06/20/24 11:35

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D SIM 14D - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	190		10	6.4	ug/L			06/25/24 09:44	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		46 - 154					06/25/24 09:44	20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/26/24 16:31	1
1,1,1-Trichloroethane	0.12	U	1.0	0.12	ug/L			06/26/24 16:31	1
1,1,2,2-Tetrachloroethane	0.28	U	1.0	0.28	ug/L			06/26/24 16:31	1
1,1,2-Trichloroethane	0.14	U	1.0	0.14	ug/L			06/26/24 16:31	1
1,1-Dichloroethane	48		1.0	0.13	ug/L			06/26/24 16:31	1
1,1-Dichloroethene	4.0		1.0	0.21	ug/L			06/26/24 16:31	1
1,2-Dibromo-3-Chloropropane	0.48	U	1.0	0.48	ug/L			06/26/24 16:31	1
1,2-Dichlorobenzene	0.64	J	1.0	0.19	ug/L			06/26/24 16:31	1
1,2-Dichloroethane	1.0		1.0	0.21	ug/L			06/26/24 16:31	1
1,2-Dichloropropane	0.10	U	1.0	0.10	ug/L			06/26/24 16:31	1
2-Butanone (MEK)	10	U	20	10	ug/L			06/26/24 16:31	1
2-Hexanone	0.88	U	5.0	0.88	ug/L			06/26/24 16:31	1
4-Methyl-2-pentanone (MIBK)	1.1	U	5.0	1.1	ug/L			06/26/24 16:31	1
Acetone	10	U	20	10	ug/L			06/26/24 16:31	1
Acrylonitrile	3.5	U	10	3.5	ug/L			06/26/24 16:31	1
Benzene	4.2		1.0	0.15	ug/L			06/26/24 16:31	1
Bromoform	0.22	U	1.0	0.22	ug/L			06/26/24 16:31	1
Bromomethane	0.14	U	1.0	0.14	ug/L			06/26/24 16:31	1
Carbon disulfide	1.5	U	5.0	1.5	ug/L			06/26/24 16:31	1
Carbon tetrachloride	0.17	U	1.0	0.17	ug/L			06/26/24 16:31	1
Chloroethane	1.4		1.0	0.23	ug/L			06/26/24 16:31	1
Chloroform	0.18	U	1.0	0.18	ug/L			06/26/24 16:31	1
Chloromethane	0.13	U	1.0	0.13	ug/L			06/26/24 16:31	1
cis-1,3-Dichloropropene	0.20	U	1.0	0.20	ug/L			06/26/24 16:31	1
Bromochloromethane	0.48	U	1.0	0.48	ug/L			06/26/24 16:31	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 16:31	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 16:31	1
Ethylbenzene	0.13	U	1.0	0.13	ug/L			06/26/24 16:31	1
Iodomethane	1.7	U	5.0	1.7	ug/L			06/26/24 16:31	1
m-Xylene & p-Xylene	0.17	U	2.0	0.17	ug/L			06/26/24 16:31	1
o-Xylene	0.30	J	1.0	0.065	ug/L			06/26/24 16:31	1
Methylene Chloride	0.23	U	1.0	0.23	ug/L			06/26/24 16:31	1
Styrene	0.11	U	1.0	0.11	ug/L			06/26/24 16:31	1
Tetrachloroethene	0.17	U	1.0	0.17	ug/L			06/26/24 16:31	1
Toluene	0.61	J	1.0	0.14	ug/L			06/26/24 16:31	1
trans-1,2-Dichloroethene	0.25	J	1.0	0.21	ug/L			06/26/24 16:31	1
trans-1,3-Dichloropropene	0.15	U	1.0	0.15	ug/L			06/26/24 16:31	1
trans-1,4-Dichloro-2-butene	0.70	U	1.0	0.70	ug/L			06/26/24 16:31	1
Trichloroethene	0.15	U	1.0	0.15	ug/L			06/26/24 16:31	1
Vinyl acetate	0.95	U	5.0	0.95	ug/L			06/26/24 16:31	1
Vinyl chloride	37		1.0	0.32	ug/L			06/26/24 16:31	1
Xylenes, Total	0.45	U	3.0	0.45	ug/L			06/26/24 16:31	1
Dibromomethane	0.27	U	1.0	0.27	ug/L			06/26/24 16:31	1

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Client Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: AW-3

Lab Sample ID: 752-21121-1

Date Collected: 06/20/24 11:35

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.66	U	1.0	0.66	ug/L			06/26/24 16:31	1
1,4-Dichlorobenzene	1.5		1.0	0.19	ug/L			06/26/24 16:31	1
Trichlorofluoromethane	0.24	U	1.0	0.24	ug/L			06/26/24 16:31	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			06/26/24 16:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		53 - 136					06/26/24 16:31	1
Dibromofluoromethane (Surr)	92		67 - 129					06/26/24 16:31	1
Toluene-d8 (Surr)	95		59 - 134					06/26/24 16:31	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	430		20	3.4	ug/L			06/29/24 05:46	20
cis-1,2-Dichloroethene	24		20	3.0	ug/L			06/29/24 05:46	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		53 - 136					06/29/24 05:46	20
Dibromofluoromethane (Surr)	101		67 - 129					06/29/24 05:46	20
Toluene-d8 (Surr)	103		59 - 134					06/29/24 05:46	20

Client Sample ID: AWB-4

Lab Sample ID: 752-21121-2

Date Collected: 06/20/24 11:10

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D SIM 14D - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	780		50	32	ug/L			06/25/24 10:09	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		46 - 154					06/25/24 10:09	100

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/26/24 16:53	1
1,1,1-Trichloroethane	0.12	U	1.0	0.12	ug/L			06/26/24 16:53	1
1,1,2,2-Tetrachloroethane	0.28	U	1.0	0.28	ug/L			06/26/24 16:53	1
1,1,2-Trichloroethane	0.14	U	1.0	0.14	ug/L			06/26/24 16:53	1
1,1-Dichloroethene	6.5		1.0	0.21	ug/L			06/26/24 16:53	1
1,2-Dibromo-3-Chloropropane	0.48	U	1.0	0.48	ug/L			06/26/24 16:53	1
1,2-Dichlorobenzene	1.7		1.0	0.19	ug/L			06/26/24 16:53	1
1,2-Dichloroethane	98		1.0	0.21	ug/L			06/26/24 16:53	1
1,2-Dichloropropane	0.10	U	1.0	0.10	ug/L			06/26/24 16:53	1
2-Butanone (MEK)	10	U	20	10	ug/L			06/26/24 16:53	1
2-Hexanone	0.88	U	5.0	0.88	ug/L			06/26/24 16:53	1
4-Methyl-2-pentanone (MIBK)	1.1	U	5.0	1.1	ug/L			06/26/24 16:53	1
Acetone	10	U	20	10	ug/L			06/26/24 16:53	1
Acrylonitrile	3.5	U	10	3.5	ug/L			06/26/24 16:53	1
Benzene	26		1.0	0.15	ug/L			06/26/24 16:53	1
Bromoform	0.22	U	1.0	0.22	ug/L			06/26/24 16:53	1
Bromomethane	0.14	U	1.0	0.14	ug/L			06/26/24 16:53	1
Carbon disulfide	1.5	U	5.0	1.5	ug/L			06/26/24 16:53	1

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Client Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: AWB-4

Lab Sample ID: 752-21121-2

Date Collected: 06/20/24 11:10

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.17	U	1.0	0.17	ug/L			06/26/24 16:53	1
Chloroethane	35		1.0	0.23	ug/L			06/26/24 16:53	1
Chloroform	0.18	U	1.0	0.18	ug/L			06/26/24 16:53	1
Chloromethane	0.13	U	1.0	0.13	ug/L			06/26/24 16:53	1
cis-1,2-Dichloroethene	47		1.0	0.15	ug/L			06/26/24 16:53	1
cis-1,3-Dichloropropene	0.20	U	1.0	0.20	ug/L			06/26/24 16:53	1
Bromochloromethane	0.48	U	1.0	0.48	ug/L			06/26/24 16:53	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 16:53	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 16:53	1
Ethylbenzene	0.22	J	1.0	0.13	ug/L			06/26/24 16:53	1
Iodomethane	1.7	U	5.0	1.7	ug/L			06/26/24 16:53	1
m-Xylene & p-Xylene	0.34	J	2.0	0.17	ug/L			06/26/24 16:53	1
o-Xylene	1.0		1.0	0.065	ug/L			06/26/24 16:53	1
Methylene Chloride	1.5		1.0	0.23	ug/L			06/26/24 16:53	1
Styrene	0.11	U	1.0	0.11	ug/L			06/26/24 16:53	1
Tetrachloroethene	0.68	J	1.0	0.17	ug/L			06/26/24 16:53	1
Toluene	1.3		1.0	0.14	ug/L			06/26/24 16:53	1
trans-1,2-Dichloroethene	0.98	J	1.0	0.21	ug/L			06/26/24 16:53	1
trans-1,3-Dichloropropene	0.15	U	1.0	0.15	ug/L			06/26/24 16:53	1
trans-1,4-Dichloro-2-butene	0.70	U	1.0	0.70	ug/L			06/26/24 16:53	1
Trichloroethene	2.3		1.0	0.15	ug/L			06/26/24 16:53	1
Vinyl acetate	0.95	U	5.0	0.95	ug/L			06/26/24 16:53	1
Vinyl chloride	110		1.0	0.32	ug/L			06/26/24 16:53	1
Xylenes, Total	1.3	J	3.0	0.45	ug/L			06/26/24 16:53	1
Dibromomethane	0.27	U	1.0	0.27	ug/L			06/26/24 16:53	1
1,2-Dibromoethane	0.66	U	1.0	0.66	ug/L			06/26/24 16:53	1
1,4-Dichlorobenzene	4.2		1.0	0.19	ug/L			06/26/24 16:53	1
Trichlorofluoromethane	0.24	U	1.0	0.24	ug/L			06/26/24 16:53	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			06/26/24 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61		53 - 136		06/26/24 16:53	1
Dibromofluoromethane (Surr)	96		67 - 129		06/26/24 16:53	1
Toluene-d8 (Surr)	99		59 - 134		06/26/24 16:53	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	280		20	2.6	ug/L			06/29/24 06:08	20
Chlorobenzene	2200		20	3.4	ug/L			06/29/24 06:08	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		53 - 136		06/29/24 06:08	20
Dibromofluoromethane (Surr)	101		67 - 129		06/29/24 06:08	20
Toluene-d8 (Surr)	106		59 - 134		06/29/24 06:08	20

Client Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: SW2

Lab Sample ID: 752-21121-3

Date Collected: 06/20/24 09:40

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D SIM 14D - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	20		1.0	0.64	ug/L			06/25/24 09:18	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		46 - 154					06/25/24 09:18	2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/26/24 17:15	1
1,1,1-Trichloroethane	0.12	U	1.0	0.12	ug/L			06/26/24 17:15	1
1,1,2,2-Tetrachloroethane	0.28	U	1.0	0.28	ug/L			06/26/24 17:15	1
1,1,2-Trichloroethane	0.14	U	1.0	0.14	ug/L			06/26/24 17:15	1
1,1-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 17:15	1
1,2-Dibromo-3-Chloropropane	0.48	U	1.0	0.48	ug/L			06/26/24 17:15	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 17:15	1
1,2-Dichloroethane	0.21	U	1.0	0.21	ug/L			06/26/24 17:15	1
1,2-Dichloropropane	0.10	U	1.0	0.10	ug/L			06/26/24 17:15	1
2-Butanone (MEK)	10	U	20	10	ug/L			06/26/24 17:15	1
2-Hexanone	0.88	U	5.0	0.88	ug/L			06/26/24 17:15	1
4-Methyl-2-pentanone (MIBK)	1.1	U	5.0	1.1	ug/L			06/26/24 17:15	1
Acetone	10	U	20	10	ug/L			06/26/24 17:15	1
Acrylonitrile	3.5	U	10	3.5	ug/L			06/26/24 17:15	1
Benzene	0.15	U	1.0	0.15	ug/L			06/26/24 17:15	1
Bromoform	0.22	U	1.0	0.22	ug/L			06/26/24 17:15	1
Bromomethane	0.14	U	1.0	0.14	ug/L			06/26/24 17:15	1
Carbon disulfide	1.5	U	5.0	1.5	ug/L			06/26/24 17:15	1
Carbon tetrachloride	0.17	U	1.0	0.17	ug/L			06/26/24 17:15	1
Chloroethane	0.23	U	1.0	0.23	ug/L			06/26/24 17:15	1
Chloroform	0.18	U	1.0	0.18	ug/L			06/26/24 17:15	1
Chloromethane	0.13	U	1.0	0.13	ug/L			06/26/24 17:15	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/26/24 17:15	1
cis-1,3-Dichloropropene	0.20	U	1.0	0.20	ug/L			06/26/24 17:15	1
Bromochloromethane	0.48	U	1.0	0.48	ug/L			06/26/24 17:15	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 17:15	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 17:15	1
Ethylbenzene	0.13	U	1.0	0.13	ug/L			06/26/24 17:15	1
Iodomethane	1.7	U	5.0	1.7	ug/L			06/26/24 17:15	1
m-Xylene & p-Xylene	0.17	U	2.0	0.17	ug/L			06/26/24 17:15	1
o-Xylene	0.065	U	1.0	0.065	ug/L			06/26/24 17:15	1
Methylene Chloride	0.23	U	1.0	0.23	ug/L			06/26/24 17:15	1
Styrene	0.11	U	1.0	0.11	ug/L			06/26/24 17:15	1
Tetrachloroethene	0.17	U	1.0	0.17	ug/L			06/26/24 17:15	1
Toluene	0.14	U	1.0	0.14	ug/L			06/26/24 17:15	1
trans-1,2-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 17:15	1
trans-1,3-Dichloropropene	0.15	U	1.0	0.15	ug/L			06/26/24 17:15	1
trans-1,4-Dichloro-2-butene	0.70	U	1.0	0.70	ug/L			06/26/24 17:15	1
Trichloroethene	0.15	U	1.0	0.15	ug/L			06/26/24 17:15	1
Vinyl acetate	0.95	U	5.0	0.95	ug/L			06/26/24 17:15	1
Vinyl chloride	0.32	U	1.0	0.32	ug/L			06/26/24 17:15	1
Xylenes, Total	0.45	U	3.0	0.45	ug/L			06/26/24 17:15	1
Dibromomethane	0.27	U	1.0	0.27	ug/L			06/26/24 17:15	1

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Client Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: SW2

Lab Sample ID: 752-21121-3

Date Collected: 06/20/24 09:40

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.66	U	1.0	0.66	ug/L			06/26/24 17:15	1
1,4-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 17:15	1
Trichlorofluoromethane	0.24	U	1.0	0.24	ug/L			06/26/24 17:15	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			06/26/24 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		53 - 136					06/26/24 17:15	1
Dibromofluoromethane (Surr)	97		67 - 129					06/26/24 17:15	1
Toluene-d8 (Surr)	99		59 - 134					06/26/24 17:15	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.13	U	1.0	0.13	ug/L			06/29/24 03:11	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			06/29/24 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		53 - 136					06/29/24 03:11	1
Dibromofluoromethane (Surr)	104		67 - 129					06/29/24 03:11	1
Toluene-d8 (Surr)	105		59 - 134					06/29/24 03:11	1

Client Sample ID: SW3

Lab Sample ID: 752-21121-4

Date Collected: 06/20/24 10:25

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D SIM 14D - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	10		0.50	0.32	ug/L			06/25/24 00:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		46 - 154					06/25/24 00:00	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/26/24 17:37	1
1,1,1-Trichloroethane	0.12	U	1.0	0.12	ug/L			06/26/24 17:37	1
1,1,2,2-Tetrachloroethane	0.28	U	1.0	0.28	ug/L			06/26/24 17:37	1
1,1,2-Trichloroethane	0.14	U	1.0	0.14	ug/L			06/26/24 17:37	1
1,1-Dichloroethane	0.13	U	1.0	0.13	ug/L			06/26/24 17:37	1
1,1-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 17:37	1
1,2-Dibromo-3-Chloropropane	0.48	U	1.0	0.48	ug/L			06/26/24 17:37	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 17:37	1
1,2-Dichloroethane	0.21	U	1.0	0.21	ug/L			06/26/24 17:37	1
1,2-Dichloropropane	0.10	U	1.0	0.10	ug/L			06/26/24 17:37	1
2-Butanone (MEK)	10	U	20	10	ug/L			06/26/24 17:37	1
2-Hexanone	0.88	U	5.0	0.88	ug/L			06/26/24 17:37	1
4-Methyl-2-pentanone (MIBK)	1.1	U	5.0	1.1	ug/L			06/26/24 17:37	1
Acetone	10	U	20	10	ug/L			06/26/24 17:37	1
Acrylonitrile	3.5	U	10	3.5	ug/L			06/26/24 17:37	1
Benzene	0.15	U	1.0	0.15	ug/L			06/26/24 17:37	1
Bromoform	0.22	U	1.0	0.22	ug/L			06/26/24 17:37	1
Bromomethane	0.14	U	1.0	0.14	ug/L			06/26/24 17:37	1

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Client Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: SW3

Lab Sample ID: 752-21121-4

Date Collected: 06/20/24 10:25

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.5	U	5.0	1.5	ug/L			06/26/24 17:37	1
Carbon tetrachloride	0.17	U	1.0	0.17	ug/L			06/26/24 17:37	1
Chloroethane	0.23	U	1.0	0.23	ug/L			06/26/24 17:37	1
Chloroform	0.18	U	1.0	0.18	ug/L			06/26/24 17:37	1
Chloromethane	0.13	U	1.0	0.13	ug/L			06/26/24 17:37	1
cis-1,3-Dichloropropene	0.20	U	1.0	0.20	ug/L			06/26/24 17:37	1
Bromochloromethane	0.48	U	1.0	0.48	ug/L			06/26/24 17:37	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 17:37	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 17:37	1
Ethylbenzene	0.13	U	1.0	0.13	ug/L			06/26/24 17:37	1
Iodomethane	1.7	U	5.0	1.7	ug/L			06/26/24 17:37	1
m-Xylene & p-Xylene	0.17	U	2.0	0.17	ug/L			06/26/24 17:37	1
o-Xylene	0.065	U	1.0	0.065	ug/L			06/26/24 17:37	1
Methylene Chloride	0.23	U	1.0	0.23	ug/L			06/26/24 17:37	1
Styrene	0.11	U	1.0	0.11	ug/L			06/26/24 17:37	1
Tetrachloroethene	0.17	U	1.0	0.17	ug/L			06/26/24 17:37	1
Toluene	0.14	U	1.0	0.14	ug/L			06/26/24 17:37	1
trans-1,2-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 17:37	1
trans-1,3-Dichloropropene	0.15	U	1.0	0.15	ug/L			06/26/24 17:37	1
trans-1,4-Dichloro-2-butene	0.70	U	1.0	0.70	ug/L			06/26/24 17:37	1
Trichloroethene	0.15	U	1.0	0.15	ug/L			06/26/24 17:37	1
Vinyl acetate	0.95	U	5.0	0.95	ug/L			06/26/24 17:37	1
Vinyl chloride	0.32	U	1.0	0.32	ug/L			06/26/24 17:37	1
Xylenes, Total	0.45	U	3.0	0.45	ug/L			06/26/24 17:37	1
Dibromomethane	0.27	U	1.0	0.27	ug/L			06/26/24 17:37	1
1,2-Dibromoethane	0.66	U	1.0	0.66	ug/L			06/26/24 17:37	1
1,4-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 17:37	1
Trichlorofluoromethane	0.24	U	1.0	0.24	ug/L			06/26/24 17:37	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			06/26/24 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		53 - 136		06/26/24 17:37	1
Dibromofluoromethane (Surr)	96		67 - 129		06/26/24 17:37	1
Toluene-d8 (Surr)	98		59 - 134		06/26/24 17:37	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.17	U	1.0	0.17	ug/L			06/29/24 03:33	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/29/24 03:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		53 - 136		06/29/24 03:33	1
Dibromofluoromethane (Surr)	101		67 - 129		06/29/24 03:33	1
Toluene-d8 (Surr)	103		59 - 134		06/29/24 03:33	1

Client Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: SW4

Lab Sample ID: 752-21121-5

Date Collected: 06/20/24 12:20

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D SIM 14D - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	7.1		0.50	0.32	ug/L			06/25/24 00:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		46 - 154					06/25/24 00:25	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/26/24 18:00	1
1,1,1-Trichloroethane	0.12	U	1.0	0.12	ug/L			06/26/24 18:00	1
1,1,2,2-Tetrachloroethane	0.28	U	1.0	0.28	ug/L			06/26/24 18:00	1
1,1,2-Trichloroethane	0.14	U	1.0	0.14	ug/L			06/26/24 18:00	1
1,1-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 18:00	1
1,2-Dibromo-3-Chloropropane	0.48	U	1.0	0.48	ug/L			06/26/24 18:00	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 18:00	1
1,2-Dichloroethane	0.21	U	1.0	0.21	ug/L			06/26/24 18:00	1
1,2-Dichloropropane	0.10	U	1.0	0.10	ug/L			06/26/24 18:00	1
2-Butanone (MEK)	10	U	20	10	ug/L			06/26/24 18:00	1
2-Hexanone	0.88	U	5.0	0.88	ug/L			06/26/24 18:00	1
4-Methyl-2-pentanone (MIBK)	1.1	U	5.0	1.1	ug/L			06/26/24 18:00	1
Acetone	10	U	20	10	ug/L			06/26/24 18:00	1
Acrylonitrile	3.5	U	10	3.5	ug/L			06/26/24 18:00	1
Benzene	0.15	U	1.0	0.15	ug/L			06/26/24 18:00	1
Bromoform	0.22	U	1.0	0.22	ug/L			06/26/24 18:00	1
Bromomethane	0.14	U	1.0	0.14	ug/L			06/26/24 18:00	1
Carbon disulfide	1.5	U	5.0	1.5	ug/L			06/26/24 18:00	1
Carbon tetrachloride	0.17	U	1.0	0.17	ug/L			06/26/24 18:00	1
Chloroethane	1.8		1.0	0.23	ug/L			06/26/24 18:00	1
Chloroform	0.18	U	1.0	0.18	ug/L			06/26/24 18:00	1
Chloromethane	0.13	U	1.0	0.13	ug/L			06/26/24 18:00	1
cis-1,2-Dichloroethene	0.27	J	1.0	0.15	ug/L			06/26/24 18:00	1
cis-1,3-Dichloropropene	0.20	U	1.0	0.20	ug/L			06/26/24 18:00	1
Bromochloromethane	0.48	U	1.0	0.48	ug/L			06/26/24 18:00	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 18:00	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 18:00	1
Ethylbenzene	0.13	U	1.0	0.13	ug/L			06/26/24 18:00	1
Iodomethane	1.7	U	5.0	1.7	ug/L			06/26/24 18:00	1
m-Xylene & p-Xylene	0.17	U	2.0	0.17	ug/L			06/26/24 18:00	1
o-Xylene	0.065	U	1.0	0.065	ug/L			06/26/24 18:00	1
Methylene Chloride	0.23	U	1.0	0.23	ug/L			06/26/24 18:00	1
Styrene	0.11	U	1.0	0.11	ug/L			06/26/24 18:00	1
Tetrachloroethene	0.17	U	1.0	0.17	ug/L			06/26/24 18:00	1
Toluene	0.14	J	1.0	0.14	ug/L			06/26/24 18:00	1
trans-1,2-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 18:00	1
trans-1,3-Dichloropropene	0.15	U	1.0	0.15	ug/L			06/26/24 18:00	1
trans-1,4-Dichloro-2-butene	0.70	U	1.0	0.70	ug/L			06/26/24 18:00	1
Trichloroethene	0.15	U	1.0	0.15	ug/L			06/26/24 18:00	1
Vinyl acetate	0.95	U	5.0	0.95	ug/L			06/26/24 18:00	1
Vinyl chloride	0.54	J	1.0	0.32	ug/L			06/26/24 18:00	1
Xylenes, Total	0.45	U	3.0	0.45	ug/L			06/26/24 18:00	1
Dibromomethane	0.27	U	1.0	0.27	ug/L			06/26/24 18:00	1

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Client Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: SW4

Lab Sample ID: 752-21121-5

Date Collected: 06/20/24 12:20

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.66	U	1.0	0.66	ug/L			06/26/24 18:00	1
1,4-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 18:00	1
Trichlorofluoromethane	0.24	U	1.0	0.24	ug/L			06/26/24 18:00	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			06/26/24 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		53 - 136					06/26/24 18:00	1
Dibromofluoromethane (Surr)	103		67 - 129					06/26/24 18:00	1
Toluene-d8 (Surr)	103		59 - 134					06/26/24 18:00	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.37	J	1.0	0.13	ug/L			06/29/24 03:55	1
Chlorobenzene	5.7		1.0	0.17	ug/L			06/29/24 03:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		53 - 136					06/29/24 03:55	1
Dibromofluoromethane (Surr)	97		67 - 129					06/29/24 03:55	1
Toluene-d8 (Surr)	100		59 - 134					06/29/24 03:55	1

Client Sample ID: SW5

Lab Sample ID: 752-21121-6

Date Collected: 06/20/24 10:10

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D SIM 14D - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.7		0.50	0.32	ug/L			06/25/24 08:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		46 - 154					06/25/24 08:52	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/26/24 18:22	1
1,1,1-Trichloroethane	0.12	U	1.0	0.12	ug/L			06/26/24 18:22	1
1,1,2,2-Tetrachloroethane	0.28	U	1.0	0.28	ug/L			06/26/24 18:22	1
1,1,2-Trichloroethane	0.14	U	1.0	0.14	ug/L			06/26/24 18:22	1
1,1-Dichloroethane	0.13	U	1.0	0.13	ug/L			06/26/24 18:22	1
1,1-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 18:22	1
1,2-Dibromo-3-Chloropropane	0.48	U	1.0	0.48	ug/L			06/26/24 18:22	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 18:22	1
1,2-Dichloroethane	0.21	U	1.0	0.21	ug/L			06/26/24 18:22	1
1,2-Dichloropropane	0.10	U	1.0	0.10	ug/L			06/26/24 18:22	1
2-Butanone (MEK)	10	U	20	10	ug/L			06/26/24 18:22	1
2-Hexanone	0.88	U	5.0	0.88	ug/L			06/26/24 18:22	1
4-Methyl-2-pentanone (MIBK)	1.1	U	5.0	1.1	ug/L			06/26/24 18:22	1
Acetone	10	U	20	10	ug/L			06/26/24 18:22	1
Acrylonitrile	3.5	U	10	3.5	ug/L			06/26/24 18:22	1
Benzene	0.15	U	1.0	0.15	ug/L			06/26/24 18:22	1
Bromoform	0.22	U	1.0	0.22	ug/L			06/26/24 18:22	1
Bromomethane	0.14	U	1.0	0.14	ug/L			06/26/24 18:22	1

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Client Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: SW5

Lab Sample ID: 752-21121-6

Date Collected: 06/20/24 10:10

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.5	U	5.0	1.5	ug/L			06/26/24 18:22	1
Carbon tetrachloride	0.17	U	1.0	0.17	ug/L			06/26/24 18:22	1
Chloroethane	0.23	U	1.0	0.23	ug/L			06/26/24 18:22	1
Chloroform	0.18	U	1.0	0.18	ug/L			06/26/24 18:22	1
Chloromethane	0.13	U	1.0	0.13	ug/L			06/26/24 18:22	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/26/24 18:22	1
cis-1,3-Dichloropropene	0.20	U	1.0	0.20	ug/L			06/26/24 18:22	1
Bromochloromethane	0.48	U	1.0	0.48	ug/L			06/26/24 18:22	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 18:22	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 18:22	1
Ethylbenzene	0.13	U	1.0	0.13	ug/L			06/26/24 18:22	1
Iodomethane	1.7	U	5.0	1.7	ug/L			06/26/24 18:22	1
m-Xylene & p-Xylene	0.17	U	2.0	0.17	ug/L			06/26/24 18:22	1
o-Xylene	0.065	U	1.0	0.065	ug/L			06/26/24 18:22	1
Methylene Chloride	0.23	U	1.0	0.23	ug/L			06/26/24 18:22	1
Styrene	0.11	U	1.0	0.11	ug/L			06/26/24 18:22	1
Tetrachloroethene	0.17	U	1.0	0.17	ug/L			06/26/24 18:22	1
Toluene	0.14	U	1.0	0.14	ug/L			06/26/24 18:22	1
trans-1,2-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 18:22	1
trans-1,3-Dichloropropene	0.15	U	1.0	0.15	ug/L			06/26/24 18:22	1
trans-1,4-Dichloro-2-butene	0.70	U	1.0	0.70	ug/L			06/26/24 18:22	1
Trichloroethene	0.15	U	1.0	0.15	ug/L			06/26/24 18:22	1
Vinyl acetate	0.95	U	5.0	0.95	ug/L			06/26/24 18:22	1
Vinyl chloride	0.32	U	1.0	0.32	ug/L			06/26/24 18:22	1
Xylenes, Total	0.45	U	3.0	0.45	ug/L			06/26/24 18:22	1
Dibromomethane	0.27	U	1.0	0.27	ug/L			06/26/24 18:22	1
1,2-Dibromoethane	0.66	U	1.0	0.66	ug/L			06/26/24 18:22	1
1,4-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 18:22	1
Trichlorofluoromethane	0.24	U	1.0	0.24	ug/L			06/26/24 18:22	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			06/26/24 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		53 - 136		06/26/24 18:22	1
Dibromofluoromethane (Surr)	96		67 - 129		06/26/24 18:22	1
Toluene-d8 (Surr)	100		59 - 134		06/26/24 18:22	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.17	U	1.0	0.17	ug/L			06/29/24 04:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		53 - 136		06/29/24 04:17	1
Dibromofluoromethane (Surr)	101		67 - 129		06/29/24 04:17	1
Toluene-d8 (Surr)	105		59 - 134		06/29/24 04:17	1

Client Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-21121-7

Date Collected: 06/20/24 09:40

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D SIM 14D - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.32	U	0.50	0.32	ug/L			06/25/24 08:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		46 - 154					06/25/24 08:27	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/26/24 15:24	1
1,1,1-Trichloroethane	0.12	U	1.0	0.12	ug/L			06/26/24 15:24	1
1,1,2,2-Tetrachloroethane	0.28	U	1.0	0.28	ug/L			06/26/24 15:24	1
1,1,2-Trichloroethane	0.14	U	1.0	0.14	ug/L			06/26/24 15:24	1
1,1-Dichloroethane	0.13	U	1.0	0.13	ug/L			06/26/24 15:24	1
1,1-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 15:24	1
1,2-Dibromo-3-Chloropropane	0.48	U	1.0	0.48	ug/L			06/26/24 15:24	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 15:24	1
1,2-Dichloroethane	0.21	U	1.0	0.21	ug/L			06/26/24 15:24	1
1,2-Dichloropropane	0.10	U	1.0	0.10	ug/L			06/26/24 15:24	1
2-Butanone (MEK)	10	U	20	10	ug/L			06/26/24 15:24	1
2-Hexanone	0.88	U	5.0	0.88	ug/L			06/26/24 15:24	1
4-Methyl-2-pentanone (MIBK)	1.1	U	5.0	1.1	ug/L			06/26/24 15:24	1
Acetone	10	U	20	10	ug/L			06/26/24 15:24	1
Acrylonitrile	3.5	U	10	3.5	ug/L			06/26/24 15:24	1
Benzene	0.15	U	1.0	0.15	ug/L			06/26/24 15:24	1
Bromoform	0.22	U	1.0	0.22	ug/L			06/26/24 15:24	1
Bromomethane	0.14	U	1.0	0.14	ug/L			06/26/24 15:24	1
Carbon disulfide	1.5	U	5.0	1.5	ug/L			06/26/24 15:24	1
Carbon tetrachloride	0.17	U	1.0	0.17	ug/L			06/26/24 15:24	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			06/26/24 15:24	1
Chloroethane	0.23	U	1.0	0.23	ug/L			06/26/24 15:24	1
Chloroform	0.18	U	1.0	0.18	ug/L			06/26/24 15:24	1
Chloromethane	0.13	U	1.0	0.13	ug/L			06/26/24 15:24	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/26/24 15:24	1
cis-1,3-Dichloropropene	0.20	U	1.0	0.20	ug/L			06/26/24 15:24	1
Bromochloromethane	0.48	U	1.0	0.48	ug/L			06/26/24 15:24	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 15:24	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 15:24	1
Ethylbenzene	0.13	U	1.0	0.13	ug/L			06/26/24 15:24	1
Iodomethane	1.7	U	5.0	1.7	ug/L			06/26/24 15:24	1
m-Xylene & p-Xylene	0.17	U	2.0	0.17	ug/L			06/26/24 15:24	1
o-Xylene	0.065	U	1.0	0.065	ug/L			06/26/24 15:24	1
Methylene Chloride	0.23	U	1.0	0.23	ug/L			06/26/24 15:24	1
Styrene	0.11	U	1.0	0.11	ug/L			06/26/24 15:24	1
Tetrachloroethene	0.17	U	1.0	0.17	ug/L			06/26/24 15:24	1
Toluene	0.14	U	1.0	0.14	ug/L			06/26/24 15:24	1
trans-1,2-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 15:24	1
trans-1,3-Dichloropropene	0.15	U	1.0	0.15	ug/L			06/26/24 15:24	1
trans-1,4-Dichloro-2-butene	0.70	U	1.0	0.70	ug/L			06/26/24 15:24	1
Trichloroethene	0.15	U	1.0	0.15	ug/L			06/26/24 15:24	1
Vinyl acetate	0.95	U	5.0	0.95	ug/L			06/26/24 15:24	1
Vinyl chloride	0.32	U	1.0	0.32	ug/L			06/26/24 15:24	1

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Client Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-21121-7

Date Collected: 06/20/24 09:40

Matrix: Water

Date Received: 06/21/24 09:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.45	U	3.0	0.45	ug/L			06/26/24 15:24	1
Dibromomethane	0.27	U	1.0	0.27	ug/L			06/26/24 15:24	1
1,2-Dibromoethane	0.66	U	1.0	0.66	ug/L			06/26/24 15:24	1
1,4-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 15:24	1
Trichlorofluoromethane	0.24	U	1.0	0.24	ug/L			06/26/24 15:24	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			06/26/24 15:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		53 - 136		06/26/24 15:24	1
Dibromofluoromethane (Surr)	100		67 - 129		06/26/24 15:24	1
Toluene-d8 (Surr)	103		59 - 134		06/26/24 15:24	1

Surrogate Summary

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (53-136)	DBFM (67-129)	TOL (59-134)
752-21121-1	AW-3	70	92	95
752-21121-1 - DL	AW-3	80	101	103
752-21121-2	AWB-4	61	96	99
752-21121-2 - DL	AWB-4	82	101	106
752-21121-3	SW2	82	97	99
752-21121-3 - RA	SW2	84	104	105
752-21121-4	SW3	80	96	98
752-21121-4 - RA	SW3	83	101	103
752-21121-5	SW4	85	103	103
752-21121-5 - RA	SW4	84	97	100
752-21121-6	SW5	82	96	100
752-21121-6 - RA	SW5	81	101	105
752-21121-7	Trip Blank	84	100	103
LCS 752-7731/6	Lab Control Sample	90	93	100
LCS 752-7759/5	Lab Control Sample	85	95	102
LCSD 752-7731/7	Lab Control Sample Dup	84	94	99
LCSD 752-7759/6	Lab Control Sample Dup	83	94	98
MB 752-7731/10	Method Blank	82	100	102
MB 752-7759/9	Method Blank	85	97	101
MRL 752-7731/5	Lab Control Sample	86	97	102
MRL 752-7759/4	Lab Control Sample	83	98	101
Surrogate Legend				
BFB = 4-Bromofluorobenzene (Surr)				
DBFM = Dibromofluoromethane (Surr)				
TOL = Toluene-d8 (Surr)				

Method: 8260D SIM 14D - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (46-154)		
752-21121-1	AW-3	90		
752-21121-2	AWB-4	96		
752-21121-3	SW2	88		
752-21121-4	SW3	110		
752-21121-5	SW4	95		
752-21121-6	SW5	86		
752-21121-7	Trip Blank	95		
LCS 680-843949/3	Lab Control Sample	123		
LCS 680-843976/3	Lab Control Sample	88		
LCSD 680-843949/4	Lab Control Sample Dup	98		
LCSD 680-843976/4	Lab Control Sample Dup	92		
MB 680-843949/5	Method Blank	115		
MB 680-843976/6	Method Blank	102		
Surrogate Legend				
BFB = 4-Bromofluorobenzene (Surr)				

QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 752-7731/10

Matrix: Water

Analysis Batch: 7731

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/26/24 14:40	1
1,1,1-Trichloroethane	0.12	U	1.0	0.12	ug/L			06/26/24 14:40	1
1,1,2,2-Tetrachloroethane	0.28	U	1.0	0.28	ug/L			06/26/24 14:40	1
1,1,2-Trichloroethane	0.14	U	1.0	0.14	ug/L			06/26/24 14:40	1
1,1-Dichloroethane	0.13	U	1.0	0.13	ug/L			06/26/24 14:40	1
1,1-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 14:40	1
1,2-Dibromo-3-Chloropropane	0.48	U	1.0	0.48	ug/L			06/26/24 14:40	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 14:40	1
1,2-Dichloroethane	0.21	U	1.0	0.21	ug/L			06/26/24 14:40	1
1,2-Dichloropropane	0.10	U	1.0	0.10	ug/L			06/26/24 14:40	1
2-Butanone (MEK)	10	U	20	10	ug/L			06/26/24 14:40	1
2-Hexanone	0.88	U	5.0	0.88	ug/L			06/26/24 14:40	1
4-Methyl-2-pentanone (MIBK)	1.1	U	5.0	1.1	ug/L			06/26/24 14:40	1
Acetone	10	U	20	10	ug/L			06/26/24 14:40	1
Acrylonitrile	3.5	U	10	3.5	ug/L			06/26/24 14:40	1
Benzene	0.15	U	1.0	0.15	ug/L			06/26/24 14:40	1
Bromoform	0.22	U	1.0	0.22	ug/L			06/26/24 14:40	1
Bromomethane	0.14	U	1.0	0.14	ug/L			06/26/24 14:40	1
Carbon disulfide	1.5	U	5.0	1.5	ug/L			06/26/24 14:40	1
Carbon tetrachloride	0.17	U	1.0	0.17	ug/L			06/26/24 14:40	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			06/26/24 14:40	1
Chloroethane	0.23	U	1.0	0.23	ug/L			06/26/24 14:40	1
Chloroform	0.18	U	1.0	0.18	ug/L			06/26/24 14:40	1
Chloromethane	0.13	U	1.0	0.13	ug/L			06/26/24 14:40	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/26/24 14:40	1
cis-1,3-Dichloropropene	0.20	U	1.0	0.20	ug/L			06/26/24 14:40	1
Bromochloromethane	0.48	U	1.0	0.48	ug/L			06/26/24 14:40	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 14:40	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			06/26/24 14:40	1
Ethylbenzene	0.13	U	1.0	0.13	ug/L			06/26/24 14:40	1
Iodomethane	1.7	U	5.0	1.7	ug/L			06/26/24 14:40	1
m-Xylene & p-Xylene	0.17	U	2.0	0.17	ug/L			06/26/24 14:40	1
o-Xylene	0.065	U	1.0	0.065	ug/L			06/26/24 14:40	1
Methylene Chloride	0.23	U	1.0	0.23	ug/L			06/26/24 14:40	1
Styrene	0.11	U	1.0	0.11	ug/L			06/26/24 14:40	1
Tetrachloroethene	0.17	U	1.0	0.17	ug/L			06/26/24 14:40	1
Toluene	0.14	U	1.0	0.14	ug/L			06/26/24 14:40	1
trans-1,2-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/26/24 14:40	1
trans-1,3-Dichloropropene	0.15	U	1.0	0.15	ug/L			06/26/24 14:40	1
trans-1,4-Dichloro-2-butene	0.70	U	1.0	0.70	ug/L			06/26/24 14:40	1
Trichloroethene	0.15	U	1.0	0.15	ug/L			06/26/24 14:40	1
Vinyl acetate	0.95	U	5.0	0.95	ug/L			06/26/24 14:40	1
Vinyl chloride	0.32	U	1.0	0.32	ug/L			06/26/24 14:40	1
Xylenes, Total	0.45	U	3.0	0.45	ug/L			06/26/24 14:40	1
Dibromomethane	0.27	U	1.0	0.27	ug/L			06/26/24 14:40	1
1,2-Dibromoethane	0.66	U	1.0	0.66	ug/L			06/26/24 14:40	1
1,4-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/26/24 14:40	1
Trichlorofluoromethane	0.24	U	1.0	0.24	ug/L			06/26/24 14:40	1

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QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 752-7731/10

Matrix: Water

Analysis Batch: 7731

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			06/26/24 14:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		53 - 136					06/26/24 14:40	1
Dibromofluoromethane (Surr)	100		67 - 129					06/26/24 14:40	1
Toluene-d8 (Surr)	102		59 - 134					06/26/24 14:40	1

Lab Sample ID: LCS 752-7731/6

Matrix: Water

Analysis Batch: 7731

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	21.6		ug/L		108	71 - 120
1,1,1-Trichloroethane	20.0	22.5		ug/L		113	72 - 143
1,1,2,2-Tetrachloroethane	20.0	21.8		ug/L		109	59 - 133
1,1,2-Trichloroethane	20.0	21.3		ug/L		106	67 - 120
1,1-Dichloroethane	20.0	20.9		ug/L		105	79 - 141
1,1-Dichloroethene	20.0	20.8		ug/L		104	75 - 133
1,2-Dibromo-3-Chloropropane	20.0	18.6		ug/L		93	37 - 157
1,2-Dichlorobenzene	20.0	21.6		ug/L		108	76 - 120
1,2-Dichloroethane	20.0	20.6		ug/L		103	72 - 151
1,2-Dichloropropane	20.0	21.3		ug/L		106	78 - 125
2-Butanone (MEK)	40.0	53.4		ug/L		134	36 - 135
2-Hexanone	40.0	38.0		ug/L		95	36 - 191
4-Methyl-2-pentanone (MIBK)	40.0	41.1		ug/L		103	56 - 166
Acetone	40.0	54.3		ug/L		136	10 - 158
Acrylonitrile	60.0	61.1		ug/L		102	10 - 200
Benzene	20.0	21.8		ug/L		109	80 - 134
Bromoform	20.0	18.2		ug/L		91	73 - 120
Bromomethane	20.0	15.0		ug/L		75	38 - 189
Carbon disulfide	20.0	30.4		ug/L		152	65 - 173
Carbon tetrachloride	20.0	22.3		ug/L		111	68 - 142
Chlorobenzene	20.0	22.1		ug/L		111	80 - 120
Chloroethane	20.0	17.7		ug/L		89	45 - 213
Chloroform	20.0	22.0		ug/L		110	78 - 138
Chloromethane	20.0	21.1		ug/L		106	56 - 171
cis-1,2-Dichloroethene	20.0	22.6		ug/L		113	69 - 120
cis-1,3-Dichloropropene	20.0	21.6		ug/L		108	63 - 125
Bromochloromethane	20.0	21.6		ug/L		108	74 - 128
Dibromochloromethane	20.0	21.5		ug/L		107	73 - 120
Bromodichloromethane	20.0	21.0		ug/L		105	72 - 129
Ethylbenzene	20.0	22.6		ug/L		113	68 - 124
Iodomethane	20.0	22.2		ug/L		111	34 - 140
m-Xylene & p-Xylene	40.0	45.5		ug/L		114	79 - 121
o-Xylene	20.0	21.7		ug/L		109	71 - 125
Methylene Chloride	20.0	23.7		ug/L		118	68 - 128
Styrene	20.0	21.7		ug/L		109	73 - 120
Tetrachloroethene	20.0	23.1		ug/L		115	40 - 181

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QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 752-7731/6

Matrix: Water

Analysis Batch: 7731

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	20.0	21.6		ug/L		108	71 - 120
trans-1,2-Dichloroethene	20.0	21.9		ug/L		109	75 - 139
trans-1,3-Dichloropropene	20.0	21.3		ug/L		106	65 - 152
trans-1,4-Dichloro-2-butene	20.0	18.9		ug/L		94	10 - 142
Trichloroethene	20.0	22.6		ug/L		113	74 - 120
Vinyl acetate	20.0	24.5		ug/L		123	10 - 198
Vinyl chloride	20.0	21.5		ug/L		108	49 - 150
Xylenes, Total	60.0	67.2		ug/L		112	77 - 121
Dibromomethane	20.0	22.6		ug/L		113	76 - 124
1,2-Dibromoethane	20.0	22.6		ug/L		113	66 - 123
1,4-Dichlorobenzene	20.0	21.1		ug/L		106	76 - 122
Trichlorofluoromethane	20.0	25.2		ug/L		126	68 - 183
1,2,3-Trichloropropane	20.0	22.4		ug/L		112	69 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		53 - 136
Dibromofluoromethane (Surr)	93		67 - 129
Toluene-d8 (Surr)	100		59 - 134

Lab Sample ID: LCSD 752-7731/7

Matrix: Water

Analysis Batch: 7731

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
1,1,1,2-Tetrachloroethane	20.0	21.3		ug/L		107	71 - 120	1	16
1,1,1-Trichloroethane	20.0	21.5		ug/L		108	72 - 143	4	18
1,1,2,2-Tetrachloroethane	20.0	21.8		ug/L		109	59 - 133	0	16
1,1,2-Trichloroethane	20.0	22.0		ug/L		110	67 - 120	4	18
1,1-Dichloroethane	20.0	20.4		ug/L		102	79 - 141	3	19
1,1-Dichloroethene	20.0	20.0		ug/L		100	75 - 133	4	20
1,2-Dibromo-3-Chloropropane	20.0	19.6		ug/L		98	37 - 157	5	18
1,2-Dichlorobenzene	20.0	22.7		ug/L		113	76 - 120	5	16
1,2-Dichloroethane	20.0	20.4		ug/L		102	72 - 151	1	16
1,2-Dichloropropane	20.0	20.7		ug/L		103	78 - 125	3	19
2-Butanone (MEK)	40.0	50.9		ug/L		127	36 - 135	5	19
2-Hexanone	40.0	38.0		ug/L		95	36 - 191	0	17
4-Methyl-2-pentanone (MIBK)	40.0	41.1		ug/L		103	56 - 166	0	19
Acetone	40.0	53.3		ug/L		133	10 - 158	2	78
Acrylonitrile	60.0	59.2		ug/L		99	10 - 200	3	36
Benzene	20.0	21.2		ug/L		106	80 - 134	3	17
Bromoform	20.0	18.8		ug/L		94	73 - 120	3	44
Bromomethane	20.0	14.0		ug/L		70	38 - 189	6	27
Carbon disulfide	20.0	29.0		ug/L		145	65 - 173	5	38
Carbon tetrachloride	20.0	22.2		ug/L		111	68 - 142	0	17
Chlorobenzene	20.0	22.2		ug/L		111	80 - 120	0	16
Chloroethane	20.0	16.4		ug/L		82	45 - 213	8	26
Chloroform	20.0	21.1		ug/L		105	78 - 138	4	17
Chloromethane	20.0	19.7		ug/L		98	56 - 171	7	28

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QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 752-7731/7

Matrix: Water

Analysis Batch: 7731

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
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	69 - 120	6	18
cis-1,3-Dichloropropene	20.0	21.4		ug/L		107	63 - 125	1	17
Bromochloromethane	20.0	20.5		ug/L		103	74 - 128	5	18
Dibromochloromethane	20.0	21.4		ug/L		107	73 - 120	0	16
Bromodichloromethane	20.0	20.9		ug/L		105	72 - 129	0	16
Ethylbenzene	20.0	22.4		ug/L		112	68 - 124	1	16
Iodomethane	20.0	21.1		ug/L		105	34 - 140	5	15
m-Xylene & p-Xylene	40.0	45.2		ug/L		113	79 - 121	1	16
o-Xylene	20.0	21.8		ug/L		109	71 - 125	0	15
Methylene Chloride	20.0	22.7		ug/L		113	68 - 128	4	17
Styrene	20.0	22.0		ug/L		110	73 - 120	1	23
Tetrachloroethene	20.0	23.0		ug/L		115	40 - 181	0	26
Toluene	20.0	21.7		ug/L		108	71 - 120	0	17
trans-1,2-Dichloroethene	20.0	21.2		ug/L		106	75 - 139	3	19
trans-1,3-Dichloropropene	20.0	22.3		ug/L		111	65 - 152	5	16
trans-1,4-Dichloro-2-butene	20.0	20.2		ug/L		101	10 - 142	7	28
Trichloroethene	20.0	21.8		ug/L		109	74 - 120	4	22
Vinyl acetate	20.0	24.3		ug/L		122	10 - 198	1	21
Vinyl chloride	20.0	21.3		ug/L		107	49 - 150	1	27
Xylenes, Total	60.0	67.0		ug/L		112	77 - 121	0	16
Dibromomethane	20.0	22.2		ug/L		111	76 - 124	2	15
1,2-Dibromoethane	20.0	23.1		ug/L		115	66 - 123	2	15
1,4-Dichlorobenzene	20.0	22.4		ug/L		112	76 - 122	6	16
Trichlorofluoromethane	20.0	24.0		ug/L		120	68 - 183	5	22
1,2,3-Trichloropropane	20.0	22.3		ug/L		111	69 - 127	1	17

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		53 - 136
Dibromofluoromethane (Surr)	94		67 - 129
Toluene-d8 (Surr)	99		59 - 134

Lab Sample ID: MRL 752-7731/5

Matrix: Water

Analysis Batch: 7731

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	1.00	1.06		ug/L		106	
1,1,1,1-Trichloroethane	1.00	1.25		ug/L		125	
1,1,1,2,2-Tetrachloroethane	1.00	1.17		ug/L		117	
1,1,1,2-Trichloroethane	1.00	1.17		ug/L		117	
1,1-Dichloroethane	1.00	1.19		ug/L		119	
1,1-Dichloroethene	1.00	1.26		ug/L		126	
1,2-Dibromo-3-Chloropropane	1.00	0.789	J	ug/L		79	
1,2-Dichlorobenzene	1.00	1.58		ug/L		158	
1,2-Dichloroethane	1.00	1.17		ug/L		117	
1,2-Dichloropropane	1.00	1.25		ug/L		125	
2-Butanone (MEK)	2.00	10	U	ug/L		318	
2-Hexanone	2.00	2.01	J	ug/L		101	

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QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MRL 752-7731/5

Matrix: Water

Analysis Batch: 7731

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	2.00	1.90	J	ug/L		95	
Acetone	2.00	10	U	ug/L		485	
Acrylonitrile	5.00	5.26	J	ug/L		105	
Benzene	1.00	1.25		ug/L		125	
Bromoform	1.00	1.53		ug/L		153	
Bromomethane	1.00	0.699	J	ug/L		70	
Carbon disulfide	2.00	4.09	J	ug/L		204	
Carbon tetrachloride	1.00	1.20		ug/L		120	
Chlorobenzene	1.00	1.44		ug/L		144	
Chloroethane	1.00	1.37		ug/L		137	
Chloroform	1.00	0.984	J	ug/L		98	
Chloromethane	1.00	0.684	J	ug/L		68	
cis-1,2-Dichloroethene	1.00	1.22		ug/L		122	
cis-1,3-Dichloropropene	1.00	0.889	J	ug/L		89	
Bromochloromethane	1.00	1.24		ug/L		124	
Dibromochloromethane	1.00	1.07		ug/L		107	
Bromodichloromethane	1.00	1.03		ug/L		103	
Ethylbenzene	1.00	1.34		ug/L		134	
Iodomethane	2.00	1.81	J	ug/L		90	
m-Xylene & p-Xylene	2.00	2.60		ug/L		130	
o-Xylene	1.00	1.10		ug/L		110	
Methylene Chloride	1.00	1.06		ug/L		106	
Styrene	1.00	1.11		ug/L		111	
Tetrachloroethene	1.00	1.49		ug/L		149	
Toluene	1.00	1.37		ug/L		137	
trans-1,2-Dichloroethene	1.00	1.40		ug/L		140	
trans-1,3-Dichloropropene	1.00	0.903	J	ug/L		90	
trans-1,4-Dichloro-2-butene	1.00	1.12		ug/L		112	
Trichloroethene	1.00	1.32		ug/L		132	
Vinyl acetate	2.00	1.86	J	ug/L		93	
Vinyl chloride	1.00	1.42		ug/L		142	
Xylenes, Total	3.00	3.70		ug/L		123	
Dibromomethane	1.00	1.31		ug/L		131	
1,2-Dibromoethane	1.00	1.21		ug/L		121	
1,4-Dichlorobenzene	1.00	1.73		ug/L		173	
Trichlorofluoromethane	1.00	1.61		ug/L		161	
1,2,3-Trichloropropane	1.00	1.24		ug/L		124	

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		53 - 136
Dibromofluoromethane (Surr)	97		67 - 129
Toluene-d8 (Surr)	102		59 - 134

QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 752-7759/9

Matrix: Water

Analysis Batch: 7759

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/29/24 02:48	1
1,1,1-Trichloroethane	0.12	U	1.0	0.12	ug/L			06/29/24 02:48	1
1,1,2,2-Tetrachloroethane	0.28	U	1.0	0.28	ug/L			06/29/24 02:48	1
1,1,2-Trichloroethane	0.14	U	1.0	0.14	ug/L			06/29/24 02:48	1
1,1-Dichloroethane	0.13	U	1.0	0.13	ug/L			06/29/24 02:48	1
1,1-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/29/24 02:48	1
1,2-Dibromo-3-Chloropropane	0.48	U	1.0	0.48	ug/L			06/29/24 02:48	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/29/24 02:48	1
1,2-Dichloroethane	0.21	U	1.0	0.21	ug/L			06/29/24 02:48	1
1,2-Dichloropropane	0.10	U	1.0	0.10	ug/L			06/29/24 02:48	1
2-Butanone (MEK)	10	U	20	10	ug/L			06/29/24 02:48	1
2-Hexanone	0.88	U	5.0	0.88	ug/L			06/29/24 02:48	1
4-Methyl-2-pentanone (MIBK)	1.1	U	5.0	1.1	ug/L			06/29/24 02:48	1
Acetone	10	U	20	10	ug/L			06/29/24 02:48	1
Acrylonitrile	3.5	U	10	3.5	ug/L			06/29/24 02:48	1
Benzene	0.15	U	1.0	0.15	ug/L			06/29/24 02:48	1
Bromoform	0.22	U	1.0	0.22	ug/L			06/29/24 02:48	1
Bromomethane	0.14	U	1.0	0.14	ug/L			06/29/24 02:48	1
Carbon disulfide	1.5	U	5.0	1.5	ug/L			06/29/24 02:48	1
Carbon tetrachloride	0.17	U	1.0	0.17	ug/L			06/29/24 02:48	1
Chlorobenzene	0.17	U	1.0	0.17	ug/L			06/29/24 02:48	1
Chloroethane	0.23	U	1.0	0.23	ug/L			06/29/24 02:48	1
Chloroform	0.18	U	1.0	0.18	ug/L			06/29/24 02:48	1
Chloromethane	0.13	U	1.0	0.13	ug/L			06/29/24 02:48	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/29/24 02:48	1
cis-1,3-Dichloropropene	0.20	U	1.0	0.20	ug/L			06/29/24 02:48	1
Bromochloromethane	0.48	U	1.0	0.48	ug/L			06/29/24 02:48	1
Dibromochloromethane	0.17	U	1.0	0.17	ug/L			06/29/24 02:48	1
Bromodichloromethane	0.17	U	1.0	0.17	ug/L			06/29/24 02:48	1
Ethylbenzene	0.13	U	1.0	0.13	ug/L			06/29/24 02:48	1
Iodomethane	1.7	U	5.0	1.7	ug/L			06/29/24 02:48	1
m-Xylene & p-Xylene	0.17	U	2.0	0.17	ug/L			06/29/24 02:48	1
o-Xylene	0.065	U	1.0	0.065	ug/L			06/29/24 02:48	1
Methylene Chloride	0.23	U	1.0	0.23	ug/L			06/29/24 02:48	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/24 02:48	1
Tetrachloroethene	0.17	U	1.0	0.17	ug/L			06/29/24 02:48	1
Toluene	0.14	U	1.0	0.14	ug/L			06/29/24 02:48	1
trans-1,2-Dichloroethene	0.21	U	1.0	0.21	ug/L			06/29/24 02:48	1
trans-1,3-Dichloropropene	0.15	U	1.0	0.15	ug/L			06/29/24 02:48	1
trans-1,4-Dichloro-2-butene	0.70	U	1.0	0.70	ug/L			06/29/24 02:48	1
Trichloroethene	0.15	U	1.0	0.15	ug/L			06/29/24 02:48	1
Vinyl acetate	0.95	U	5.0	0.95	ug/L			06/29/24 02:48	1
Vinyl chloride	0.32	U	1.0	0.32	ug/L			06/29/24 02:48	1
Xylenes, Total	0.45	U	3.0	0.45	ug/L			06/29/24 02:48	1
Dibromomethane	0.27	U	1.0	0.27	ug/L			06/29/24 02:48	1
1,2-Dibromoethane	0.66	U	1.0	0.66	ug/L			06/29/24 02:48	1
1,4-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/29/24 02:48	1
Trichlorofluoromethane	0.24	U	1.0	0.24	ug/L			06/29/24 02:48	1

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QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 752-7759/9

Matrix: Water

Analysis Batch: 7759

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			06/29/24 02:48	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		53 - 136					06/29/24 02:48	1
Dibromofluoromethane (Surr)	97		67 - 129					06/29/24 02:48	1
Toluene-d8 (Surr)	101		59 - 134					06/29/24 02:48	1

Lab Sample ID: LCS 752-7759/5

Matrix: Water

Analysis Batch: 7759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	21.2		ug/L		106	71 - 120
1,1,1-Trichloroethane	20.0	22.3		ug/L		111	72 - 143
1,1,2,2-Tetrachloroethane	20.0	20.9		ug/L		104	59 - 133
1,1,2-Trichloroethane	20.0	21.6		ug/L		108	67 - 120
1,1-Dichloroethane	20.0	21.4		ug/L		107	79 - 141
1,1-Dichloroethene	20.0	20.7		ug/L		104	75 - 133
1,2-Dibromo-3-Chloropropane	20.0	18.6		ug/L		93	37 - 157
1,2-Dichlorobenzene	20.0	21.7		ug/L		108	76 - 120
1,2-Dichloroethane	20.0	20.8		ug/L		104	72 - 151
1,2-Dichloropropane	20.0	21.6		ug/L		108	78 - 125
2-Butanone (MEK)	40.0	52.4		ug/L		131	36 - 135
2-Hexanone	40.0	37.6		ug/L		94	36 - 191
4-Methyl-2-pentanone (MIBK)	40.0	41.2		ug/L		103	56 - 166
Acetone	40.0	53.2		ug/L		133	10 - 158
Acrylonitrile	60.0	60.9		ug/L		102	10 - 200
Benzene	20.0	21.7		ug/L		109	80 - 134
Bromoform	20.0	18.3		ug/L		92	73 - 120
Bromomethane	20.0	15.1		ug/L		76	38 - 189
Carbon disulfide	20.0	29.8		ug/L		149	65 - 173
Carbon tetrachloride	20.0	21.9		ug/L		109	68 - 142
Chlorobenzene	20.0	21.7		ug/L		109	80 - 120
Chloroethane	20.0	14.8		ug/L		74	45 - 213
Chloroform	20.0	22.4		ug/L		112	78 - 138
Chloromethane	20.0	20.9		ug/L		105	56 - 171
cis-1,2-Dichloroethene	20.0	22.0		ug/L		110	69 - 120
cis-1,3-Dichloropropene	20.0	21.2		ug/L		106	63 - 125
Bromochloromethane	20.0	21.3		ug/L		106	74 - 128
Dibromochloromethane	20.0	20.9		ug/L		104	73 - 120
Bromodichloromethane	20.0	21.5		ug/L		108	72 - 129
Ethylbenzene	20.0	22.3		ug/L		112	68 - 124
Iodomethane	20.0	22.6		ug/L		113	34 - 140
m-Xylene & p-Xylene	40.0	44.9		ug/L		112	79 - 121
o-Xylene	20.0	21.5		ug/L		107	71 - 125
Methylene Chloride	20.0	23.4		ug/L		117	68 - 128
Styrene	20.0	21.5		ug/L		108	73 - 120
Tetrachloroethene	20.0	22.4		ug/L		112	40 - 181

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QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 752-7759/5

Matrix: Water

Analysis Batch: 7759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	20.0	21.5		ug/L		107	71 - 120
trans-1,2-Dichloroethene	20.0	21.9		ug/L		109	75 - 139
trans-1,3-Dichloropropene	20.0	21.3		ug/L		107	65 - 152
trans-1,4-Dichloro-2-butene	20.0	19.5		ug/L		98	10 - 142
Trichloroethene	20.0	22.3		ug/L		111	74 - 120
Vinyl acetate	20.0	23.4		ug/L		117	10 - 198
Vinyl chloride	20.0	22.0		ug/L		110	49 - 150
Xylenes, Total	60.0	66.4		ug/L		111	77 - 121
Dibromomethane	20.0	22.3		ug/L		111	76 - 124
1,2-Dibromoethane	20.0	22.3		ug/L		112	66 - 123
1,4-Dichlorobenzene	20.0	21.5		ug/L		108	76 - 122
Trichlorofluoromethane	20.0	24.6		ug/L		123	68 - 183
1,2,3-Trichloropropane	20.0	21.7		ug/L		108	69 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		53 - 136
Dibromofluoromethane (Surr)	95		67 - 129
Toluene-d8 (Surr)	102		59 - 134

Lab Sample ID: LCSD 752-7759/6

Matrix: Water

Analysis Batch: 7759

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
1,1,1,2-Tetrachloroethane	20.0	20.4		ug/L		102	71 - 120	4	16
1,1,1-Trichloroethane	20.0	21.2		ug/L		106	72 - 143	5	18
1,1,2,2-Tetrachloroethane	20.0	20.0		ug/L		100	59 - 133	4	16
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	67 - 120	3	18
1,1-Dichloroethane	20.0	20.0		ug/L		100	79 - 141	7	19
1,1-Dichloroethene	20.0	19.4		ug/L		97	75 - 133	7	20
1,2-Dibromo-3-Chloropropane	20.0	18.3		ug/L		91	37 - 157	2	18
1,2-Dichlorobenzene	20.0	21.4		ug/L		107	76 - 120	1	16
1,2-Dichloroethane	20.0	19.9		ug/L		99	72 - 151	5	16
1,2-Dichloropropane	20.0	20.9		ug/L		105	78 - 125	3	19
2-Butanone (MEK)	40.0	48.2		ug/L		121	36 - 135	8	19
2-Hexanone	40.0	35.8		ug/L		89	36 - 191	5	17
4-Methyl-2-pentanone (MIBK)	40.0	38.1		ug/L		95	56 - 166	8	19
Acetone	40.0	49.6		ug/L		124	10 - 158	7	78
Acrylonitrile	60.0	57.0		ug/L		95	10 - 200	7	36
Benzene	20.0	20.5		ug/L		103	80 - 134	6	17
Bromoform	20.0	17.9		ug/L		89	73 - 120	2	44
Bromomethane	20.0	14.5		ug/L		73	38 - 189	4	27
Carbon disulfide	20.0	27.9		ug/L		139	65 - 173	6	38
Carbon tetrachloride	20.0	20.6		ug/L		103	68 - 142	6	17
Chlorobenzene	20.0	21.5		ug/L		107	80 - 120	1	16
Chloroethane	20.0	14.4		ug/L		72	45 - 213	2	26
Chloroform	20.0	21.1		ug/L		106	78 - 138	6	17
Chloromethane	20.0	19.6		ug/L		98	56 - 171	6	28

Eurofins Raleigh

QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 752-7759/6

Matrix: Water

Analysis Batch: 7759

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
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	69 - 120	5	18
cis-1,3-Dichloropropene	20.0	20.0		ug/L		100	63 - 125	6	17
Bromochloromethane	20.0	20.4		ug/L		102	74 - 128	4	18
Dibromochloromethane	20.0	20.6		ug/L		103	73 - 120	1	16
Bromodichloromethane	20.0	20.3		ug/L		101	72 - 129	6	16
Ethylbenzene	20.0	21.5		ug/L		108	68 - 124	4	16
Iodomethane	20.0	21.2		ug/L		106	34 - 140	6	15
m-Xylene & p-Xylene	40.0	43.7		ug/L		109	79 - 121	3	16
o-Xylene	20.0	21.1		ug/L		106	71 - 125	2	15
Methylene Chloride	20.0	22.2		ug/L		111	68 - 128	5	17
Styrene	20.0	21.2		ug/L		106	73 - 120	2	23
Tetrachloroethene	20.0	21.2		ug/L		106	40 - 181	5	26
Toluene	20.0	20.7		ug/L		103	71 - 120	4	17
trans-1,2-Dichloroethene	20.0	20.3		ug/L		102	75 - 139	7	19
trans-1,3-Dichloropropene	20.0	20.6		ug/L		103	65 - 152	3	16
trans-1,4-Dichloro-2-butene	20.0	18.7		ug/L		94	10 - 142	4	28
Trichloroethene	20.0	21.1		ug/L		106	74 - 120	5	22
Vinyl acetate	20.0	20.8		ug/L		104	10 - 198	12	21
Vinyl chloride	20.0	21.2		ug/L		106	49 - 150	4	27
Xylenes, Total	60.0	64.8		ug/L		108	77 - 121	2	16
Dibromomethane	20.0	21.0		ug/L		105	76 - 124	6	15
1,2-Dibromoethane	20.0	21.6		ug/L		108	66 - 123	3	15
1,4-Dichlorobenzene	20.0	20.7		ug/L		103	76 - 122	4	16
Trichlorofluoromethane	20.0	23.0		ug/L		115	68 - 183	7	22
1,2,3-Trichloropropane	20.0	20.9		ug/L		105	69 - 127	4	17

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		53 - 136
Dibromofluoromethane (Surr)	94		67 - 129
Toluene-d8 (Surr)	98		59 - 134

Lab Sample ID: MRL 752-7759/4

Matrix: Water

Analysis Batch: 7759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	1.00	1.11		ug/L		111	
1,1,1,1-Trichloroethane	1.00	1.35		ug/L		135	
1,1,1,2,2-Tetrachloroethane	1.00	1.03		ug/L		103	
1,1,1,2-Trichloroethane	1.00	1.15		ug/L		115	
1,1-Dichloroethane	1.00	1.40		ug/L		140	
1,1-Dichloroethene	1.00	1.35		ug/L		135	
1,2-Dibromo-3-Chloropropane	1.00	0.753	J	ug/L		75	
1,2-Dichlorobenzene	1.00	1.47		ug/L		147	
1,2-Dichloroethane	1.00	1.25		ug/L		125	
1,2-Dichloropropane	1.00	1.20		ug/L		120	
2-Butanone (MEK)	2.00	10	U	ug/L		334	
2-Hexanone	2.00	1.61	J	ug/L		81	

Eurofins Raleigh

QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MRL 752-7759/4

Matrix: Water

Analysis Batch: 7759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	2.00	1.73	J	ug/L		87	
Acetone	2.00	10	U	ug/L		386	
Acrylonitrile	5.00	4.88	J	ug/L		98	
Benzene	1.00	1.42		ug/L		142	
Bromoform	1.00	1.52		ug/L		152	
Bromomethane	1.00	0.608	J	ug/L		61	
Carbon disulfide	2.00	4.59	J	ug/L		229	
Carbon tetrachloride	1.00	1.24		ug/L		124	
Chlorobenzene	1.00	1.53		ug/L		153	
Chloroethane	1.00	1.39		ug/L		139	
Chloroform	1.00	1.08		ug/L		108	
Chloromethane	1.00	0.817	J	ug/L		82	
cis-1,2-Dichloroethene	1.00	1.27		ug/L		127	
cis-1,3-Dichloropropene	1.00	0.961	J	ug/L		96	
Bromochloromethane	1.00	1.31		ug/L		131	
Dibromochloromethane	1.00	0.975	J	ug/L		97	
Bromodichloromethane	1.00	1.24		ug/L		124	
Ethylbenzene	1.00	1.50		ug/L		150	
Iodomethane	2.00	2.36	J	ug/L		118	
m-Xylene & p-Xylene	2.00	2.90		ug/L		145	
o-Xylene	1.00	1.21		ug/L		121	
Methylene Chloride	1.00	1.47		ug/L		147	
Styrene	1.00	1.13		ug/L		113	
Tetrachloroethene	1.00	1.58		ug/L		158	
Toluene	1.00	1.52		ug/L		152	
trans-1,2-Dichloroethene	1.00	1.45		ug/L		145	
trans-1,3-Dichloropropene	1.00	0.992	J	ug/L		99	
trans-1,4-Dichloro-2-butene	1.00	0.974	J	ug/L		97	
Trichloroethene	1.00	1.63		ug/L		163	
Vinyl acetate	2.00	1.27	J	ug/L		63	
Vinyl chloride	1.00	1.49		ug/L		149	
Xylenes, Total	3.00	4.11		ug/L		137	
Dibromomethane	1.00	1.17		ug/L		117	
1,2-Dibromoethane	1.00	1.08		ug/L		108	
1,4-Dichlorobenzene	1.00	1.70		ug/L		170	
Trichlorofluoromethane	1.00	1.53		ug/L		153	
1,2,3-Trichloropropane	1.00	1.06		ug/L		106	

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		53 - 136
Dibromofluoromethane (Surr)	98		67 - 129
Toluene-d8 (Surr)	101		59 - 134

QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D SIM 14D - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-843949/5

Matrix: Water

Analysis Batch: 843949

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.32	U	0.50	0.32	ug/L			06/24/24 19:00	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		46 - 154					06/24/24 19:00	1

Lab Sample ID: LCS 680-843949/3

Matrix: Water

Analysis Batch: 843949

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	5.00	5.83		ug/L		117	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	123		46 - 154						

Lab Sample ID: LCSD 680-843949/4

Matrix: Water

Analysis Batch: 843949

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
1,4-Dioxane	5.00	5.05		ug/L		101	70 - 130	14	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		46 - 154						

Lab Sample ID: MB 680-843976/6

Matrix: Water

Analysis Batch: 843976

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.32	U	0.50	0.32	ug/L			06/25/24 07:35	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		46 - 154					06/25/24 07:35	1

Lab Sample ID: LCS 680-843976/3

Matrix: Water

Analysis Batch: 843976

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	5.00	5.34		ug/L		107	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	88		46 - 154						

QC Sample Results

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method: 8260D SIM 14D - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-843976/4				Client Sample ID: Lab Control Sample Dup							
Matrix: Water				Prep Type: Total/NA							
Analysis Batch: 843976											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			5.00	4.47		ug/L		89	70 - 130	18	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	92		46 - 154								

QC Association Summary

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

GC/MS VOA

Analysis Batch: 7731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-21121-1	AW-3	Total/NA	Water	8260D	
752-21121-2	AWB-4	Total/NA	Water	8260D	
752-21121-3	SW2	Total/NA	Water	8260D	
752-21121-4	SW3	Total/NA	Water	8260D	
752-21121-5	SW4	Total/NA	Water	8260D	
752-21121-6	SW5	Total/NA	Water	8260D	
752-21121-7	Trip Blank	Total/NA	Water	8260D	
MB 752-7731/10	Method Blank	Total/NA	Water	8260D	
LCS 752-7731/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 752-7731/7	Lab Control Sample Dup	Total/NA	Water	8260D	
MRL 752-7731/5	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 7759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-21121-1 - DL	AW-3	Total/NA	Water	8260D	
752-21121-2 - DL	AWB-4	Total/NA	Water	8260D	
752-21121-3 - RA	SW2	Total/NA	Water	8260D	
752-21121-4 - RA	SW3	Total/NA	Water	8260D	
752-21121-5 - RA	SW4	Total/NA	Water	8260D	
752-21121-6 - RA	SW5	Total/NA	Water	8260D	
MB 752-7759/9	Method Blank	Total/NA	Water	8260D	
LCS 752-7759/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 752-7759/6	Lab Control Sample Dup	Total/NA	Water	8260D	
MRL 752-7759/4	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 843949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-21121-4	SW3	Total/NA	Water	8260D SIM 14D	
752-21121-5	SW4	Total/NA	Water	8260D SIM 14D	
MB 680-843949/5	Method Blank	Total/NA	Water	8260D SIM 14D	
LCS 680-843949/3	Lab Control Sample	Total/NA	Water	8260D SIM 14D	
LCSD 680-843949/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM 14D	

Analysis Batch: 843976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-21121-1	AW-3	Total/NA	Water	8260D SIM 14D	
752-21121-2	AWB-4	Total/NA	Water	8260D SIM 14D	
752-21121-3	SW2	Total/NA	Water	8260D SIM 14D	
752-21121-6	SW5	Total/NA	Water	8260D SIM 14D	
752-21121-7	Trip Blank	Total/NA	Water	8260D SIM 14D	
MB 680-843976/6	Method Blank	Total/NA	Water	8260D SIM 14D	
LCS 680-843976/3	Lab Control Sample	Total/NA	Water	8260D SIM 14D	
LCSD 680-843976/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM 14D	

Lab Chronicle

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: AW-3

Date Collected: 06/20/24 11:35

Date Received: 06/21/24 09:15

Lab Sample ID: 752-21121-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	7731	RY	EET RAL	06/26/24 16:31
Total/NA	Analysis	8260D	DL	20	7759	RY	EET RAL	06/29/24 05:46
Total/NA	Analysis	8260D SIM 14D		20	843976	MJY	EET SAV	06/25/24 09:44

Client Sample ID: AWB-4

Date Collected: 06/20/24 11:10

Date Received: 06/21/24 09:15

Lab Sample ID: 752-21121-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	7731	RY	EET RAL	06/26/24 16:53
Total/NA	Analysis	8260D	DL	20	7759	RY	EET RAL	06/29/24 06:08
Total/NA	Analysis	8260D SIM 14D		100	843976	MJY	EET SAV	06/25/24 10:09

Client Sample ID: SW2

Date Collected: 06/20/24 09:40

Date Received: 06/21/24 09:15

Lab Sample ID: 752-21121-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	7731	RY	EET RAL	06/26/24 17:15
Total/NA	Analysis	8260D	RA	1	7759	RY	EET RAL	06/29/24 03:11
Total/NA	Analysis	8260D SIM 14D		2	843976	MJY	EET SAV	06/25/24 09:18

Client Sample ID: SW3

Date Collected: 06/20/24 10:25

Date Received: 06/21/24 09:15

Lab Sample ID: 752-21121-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	7731	RY	EET RAL	06/26/24 17:37
Total/NA	Analysis	8260D	RA	1	7759	RY	EET RAL	06/29/24 03:33
Total/NA	Analysis	8260D SIM 14D		1	843949	MJY	EET SAV	06/25/24 00:00

Client Sample ID: SW4

Date Collected: 06/20/24 12:20

Date Received: 06/21/24 09:15

Lab Sample ID: 752-21121-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	7731	RY	EET RAL	06/26/24 18:00
Total/NA	Analysis	8260D	RA	1	7759	RY	EET RAL	06/29/24 03:55
Total/NA	Analysis	8260D SIM 14D		1	843949	MJY	EET SAV	06/25/24 00:25

Lab Chronicle

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Client Sample ID: SW5
Date Collected: 06/20/24 10:10
Date Received: 06/21/24 09:15

Lab Sample ID: 752-21121-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	7731	RY	EET RAL	06/26/24 18:22
Total/NA	Analysis	8260D	RA	1	7759	RY	EET RAL	06/29/24 04:17
Total/NA	Analysis	8260D SIM 14D		1	843976	MJY	EET SAV	06/25/24 08:52

Client Sample ID: Trip Blank
Date Collected: 06/20/24 09:40
Date Received: 06/21/24 09:15

Lab Sample ID: 752-21121-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	7731	RY	EET RAL	06/26/24 15:24
Total/NA	Analysis	8260D SIM 14D		1	843976	MJY	EET SAV	06/25/24 08:27

Laboratory References:

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Laboratory: Eurofins Raleigh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-24

Laboratory: Eurofins Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-24
ANAB	Dept. of Defense ELAP	L2463	09-22-24
Arkansas (DW)	State	GA00006	06-30-24
California	State	2939	06-30-24
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24
Georgia (DW)	State	803	06-30-24
Hawaii	State	<cert No.>	06-30-24
Illinois	NELAP	200022	11-30-24
Indiana	State	C-GA-02	06-30-24
Iowa	State	353	07-01-25
Kentucky (UST)	State	NA	06-30-24
Louisiana	NELAP	30690	06-30-24
Louisiana (All)	NELAP	30690	06-30-24
Louisiana (DW)	State	LA009	12-31-24
Maine	State	GA00006	09-25-24
Maryland	State	250	12-31-24
Massachusetts	State	M-GA006	06-30-24
Michigan	State	9925	06-30-24
Mississippi	State	<cert No.>	06-30-24
Nebraska	State	NE-OS-7-04	06-30-24
New Jersey	NELAP	GA769	06-30-24
New Mexico	State	GA00006	06-30-24
North Carolina (DW)	State	13701	07-31-24
North Carolina (WW/SW)	State	269	12-31-24
Pennsylvania	NELAP	68-00474	06-30-24
Puerto Rico	State	GA00006	01-01-25
South Carolina	State	98001	06-30-24
Tennessee	State	TN02961	06-30-24
Texas	NELAP	T1047004185	11-30-24
Texas	TCEQ Water Supply	T104704185	06-30-24
USDA	US Federal Programs	P330-18-00313	04-04-27
Virginia	NELAP	460161	06-14-25
Wyoming	State	8TMS-L	06-30-24

Method Summary

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET RAL
8260D SIM 14D	Volatile Organic Compounds (GC/MS)	SW846	EET SAV
5030C	Purge and Trap	SW846	EET RAL
5030C	Purge and Trap	SW846	EET SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: Seaboard Group
Project/Site: GW/SW Quarterly

Job ID: 752-21121-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
752-21121-1	AW-3	Water	06/20/24 11:35	06/21/24 09:15
752-21121-2	AWB-4	Water	06/20/24 11:10	06/21/24 09:15
752-21121-3	SW2	Water	06/20/24 09:40	06/21/24 09:15
752-21121-4	SW3	Water	06/20/24 10:25	06/21/24 09:15
752-21121-5	SW4	Water	06/20/24 12:20	06/21/24 09:15
752-21121-6	SW5	Water	06/20/24 10:10	06/21/24 09:15
752-21121-7	Trip Blank	Water	06/20/24 09:40	06/21/24 09:15

Client Information Client Contact: <u>Ar Ferro</u> Phone: <u>919-677 1669</u>		Lab PM: Scott, Bill E-Mail: <u>Bill.Scott@et.aurofinsus.com</u>		Carrier Tracking No(s): <u>752-856-155.2</u>		COC No: <u>752-856-155.2</u>	
Company: Seaboard Group Address: <u>1550 Pond Road Suite 120 c/o Craig Coslett-de-maximis, inc.</u> City: <u>Allentown</u> State, Zip: <u>PA, 18104</u> Phone: _____		Due Date Requested: TAT Requested (days): _____ Compliance Project: ☐ Yes ☒ No Purchase Order not required PO #: _____ WO #: _____ Project #: <u>75200834</u> SSOW#: _____		State of Origin: <u>NC</u>		Page # of # <u>1091</u>	
Sample Identification <u>AW-3</u> <u>AWB-4</u> <u>SW-1</u> <u>SW-2</u> <u>SW-3</u> <u>SW-4</u> <u>SW-5</u>		Sample Date <u>6-20-24</u> <u>6-20-24</u> <u>6-20-24</u> <u>6-20-24</u> <u>6-20-24</u> <u>6-20-24</u>		Sample Time <u>1135</u> <u>1110</u> <u>0940</u> <u>1025</u> <u>1220</u> <u>1010</u>		Sample Type (G=grab) <u>G</u> <u>G</u> <u>G</u> <u>G</u> <u>G</u> <u>G</u>	
Matrix (W=water, S=solid, G=grab, B=biological) <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u>		Preservation Code: <u>C</u> <u>C</u> <u>C</u> <u>C</u> <u>C</u> <u>C</u>		Field Filtered Sample (Yes or No) <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u>		Field Filtered Sample (Yes or No) <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u>	
Analysis Requested <u>App 1 VOC's</u>		Analysis Requested <u>8260D-SIM_14DX 1-4-D SIM</u> <u>8260D-(MCD) 8260 Standard Lel</u>		Analysis Requested <u>752-21121 COC</u>		Analysis Requested <u>752-21121 COC</u>	
Special Instructions/Note: <u>21121</u>		Special Instructions/Note: <u>21121</u>		Special Instructions/Note: <u>21121</u>		Special Instructions/Note: <u>21121</u>	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Empty Kit Relinquished by <u>Ar Ferro</u>		Empty Kit Relinquished by <u>Ar Ferro</u>		Empty Kit Relinquished by <u>Ar Ferro</u>		Empty Kit Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	
Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>		Relinquished by <u>Ar Ferro</u>	

Eurofins Raleigh

104 Woodwinds Industrial Court Suite A

Cary, NC 27511

Phone: 919-467-3090

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:		Lab PM: Andros, John		Carrier Tracking No(s):		COC No: 752-3353.1		
Client Contact: Shipping/Receiving		Phone:		E-Mail: John.Andros@et.eurofinsus.com		State of Origin: North Carolina		Page: Page 1 of 1		
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-21121-1						
Address: 5102 LaRoche Avenue,		Due Date Requested: 7/3/2024		Analysis Requested		Preservation Codes:				
City: Savannah		TAT Requested (days):								
State, Zip: GA, 31404		PO #:								
Phone: 912-354-7858(Tel) 912-352-0165(Fax)		WO #:								
Email:										
Project Name: GW/SW Quarterly		Project #: 75200834								
Site:		SSOW#:								
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D_SIM_14DX/6030C (MOD) 1,4-D SIM	Total Number of containers	Special Instructions/Note:
AW-3 (752-21121-1)		6/20/24	11:35 Eastern		Water		X		3	
AWB-4 (752-21121-2)		6/20/24	11:10 Eastern		Water		X		3	
SW2 (752-21121-3)		6/20/24	09:40 Eastern		Water		X		3	
SW3 (752-21121-4)		6/20/24	10:25 Eastern		Water		X		3	
SW4 (752-21121-5)		6/20/24	12:20 Eastern		Water		X		3	
SW5 (752-21121-6)		6/20/24	10:10 Eastern		Water		X		3	
Trip Blank (752-21121-7)		6/20/24	09:40 Eastern		Water		X		2	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.										
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed					☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)					Primary Deliverable Rank: 2					
					Special Instructions/QC Requirements:					
Empty Kit Relinquished by:					Date:		Time:		Method of Shipment:	
Relinquished by: <i>SGR</i>					Date/Time: <i>6/21/24 1350</i>		Company:		Received by: <i>Vayll</i>	
					Date/Time:		Company:		Date/Time: <i>6/22/24 948</i>	
					Date/Time:		Company:		Date/Time:	
					Date/Time:		Company:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No					Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>2.1 2.2</i>			

Login Sample Receipt Checklist

Client: Seaboard Group

Job Number: 752-21121-1

Login Number: 21121

List Number: 1

Creator: Barnes, Sara

List Source: Eurofins Raleigh

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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.	True	
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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: Seaboard Group

Job Number: 752-21121-1

Login Number: 21121

List Number: 2

Creator: Faught, Timothy

List Source: Eurofins Savannah

List Creation: 06/22/24 10:37 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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.	True	
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 <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	