SEABOARD GROUP II AND THE CITY OF HIGH POINT

April 19, 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 First 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 First 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 first quarter of 2024, the mechanical and phytoremediation treatment systems processed 3,961,849 gallons of extracted groundwater and leachate. Based on the average influent contaminant concentrations, approximately 498 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 month however was offline for two events. The first related to freezing of the phytoremediation zone valves (2.7 days) and second as a result of routine citric acid cleaning of the effluent conveyance lines (7 days). There were no other significant shutdowns during this reporting period.

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 quarterly groundwater and surface water samples were collected on March 26, 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 and Surface Water Standards/In-Stream Target Values. The Eurofins laboratory report is included as an attachment to this report.

In addition to the 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 which is also included with this report.

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

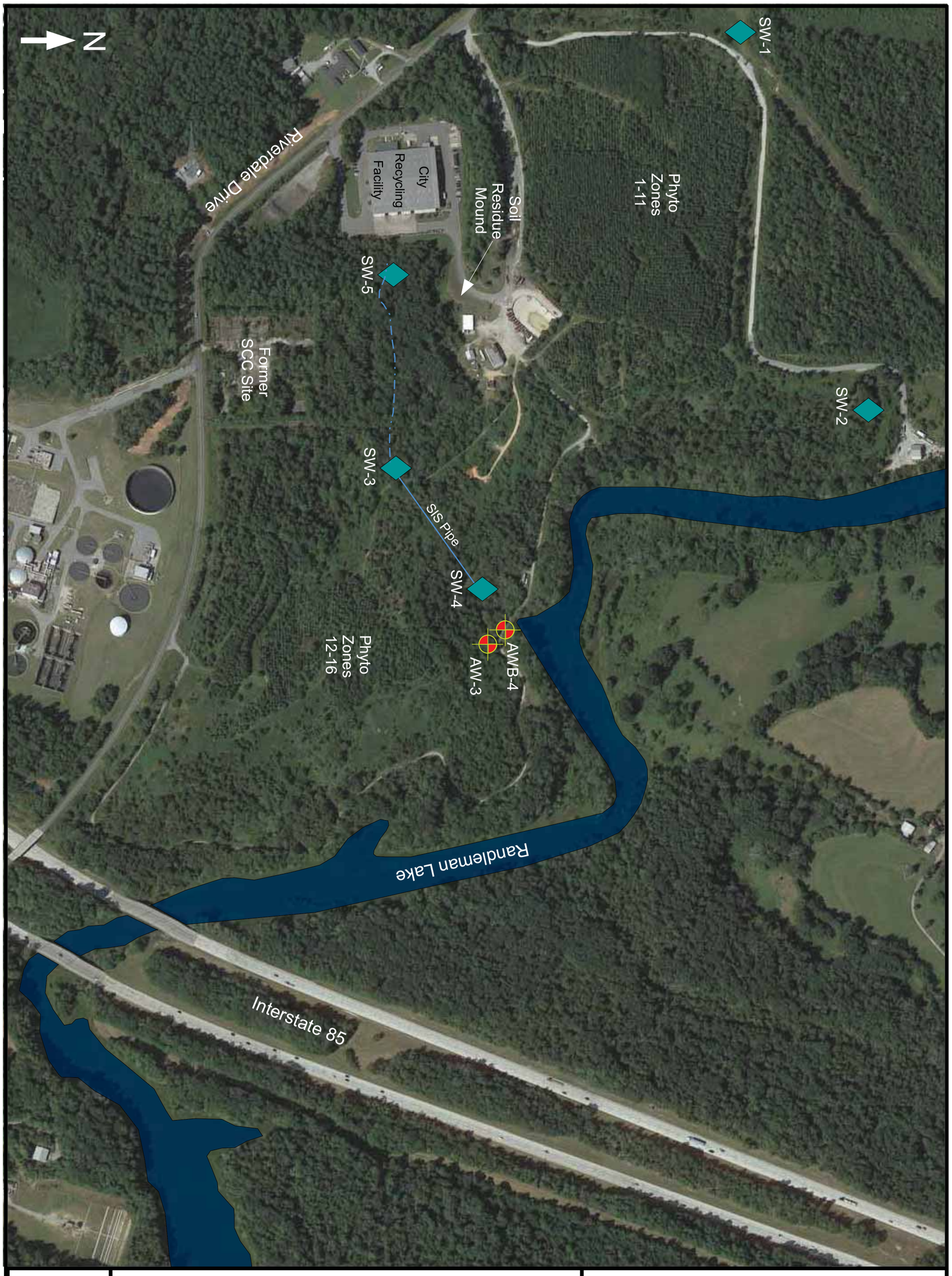


Figure 1

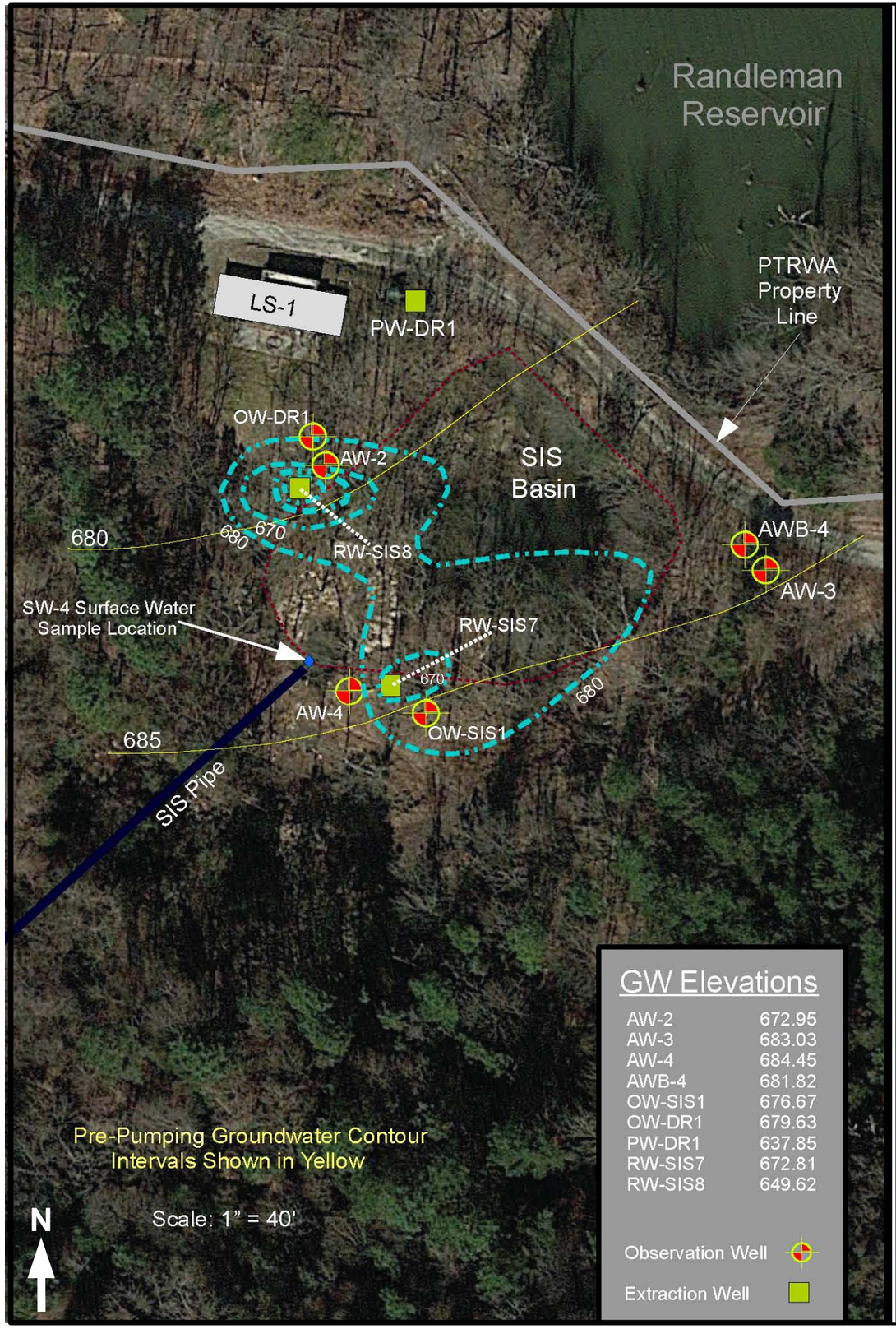
Figure 1

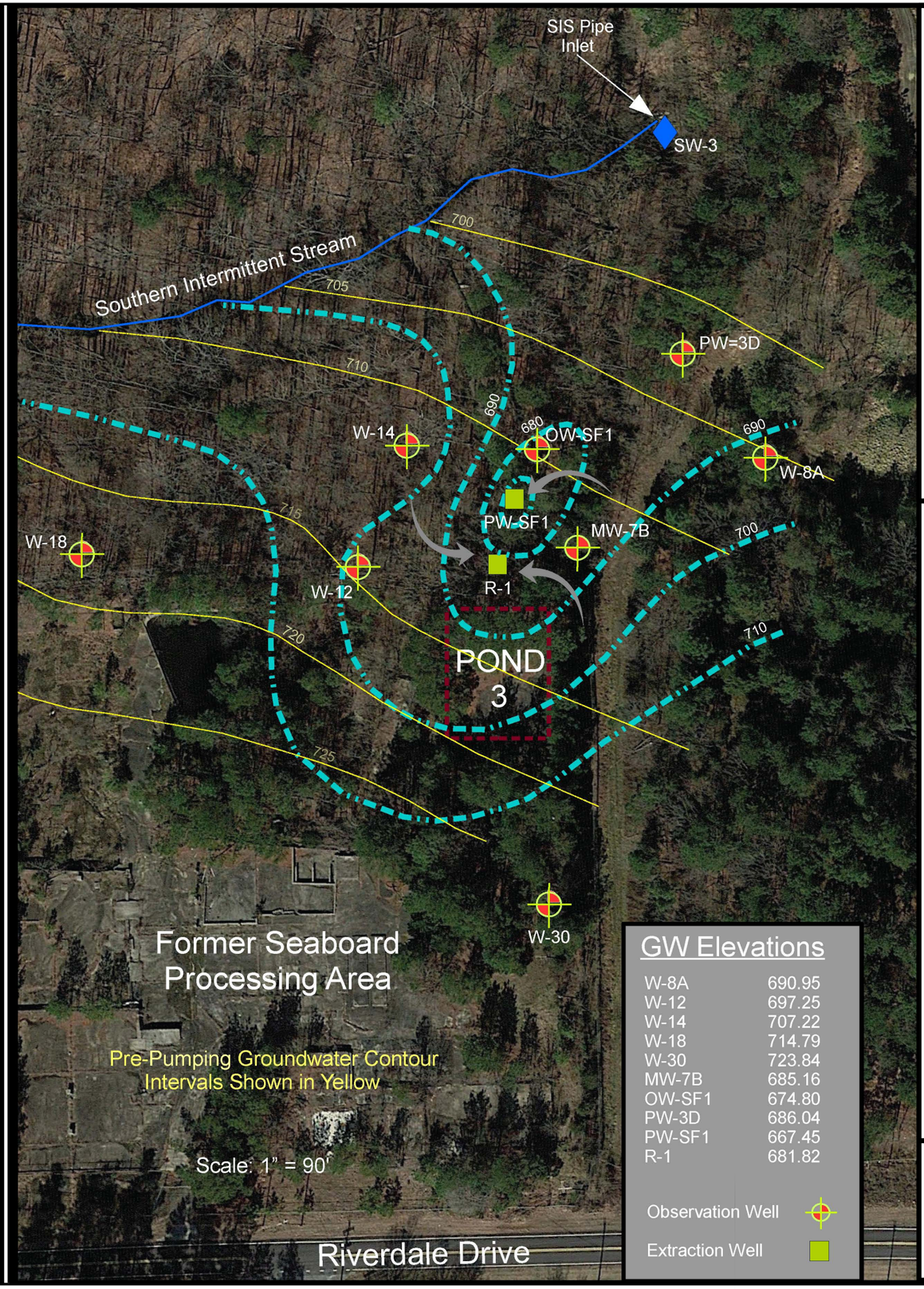
Quarterly Sample Locations
Former Seaboard/Riverdale Drive Landfill Site
5899 Riverdale Drive
Jamestown, North Carolina

Babb & Associates, P.A.

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

Scale:	Prep. By:	Rev. By:	Date:
1" = 360'	G. Babb	G. Babb	





Babb & Associates, P.A.

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

Date: March 26, 2024

Rev. By: G. Babb

Prep. By: G. Babb

Scale: As Shown

Figure 2
March 26, 2024 Groundwater Potentiometric Map
Former Seaboard Chemical/Riverdale Drive Landfill Site
Jamestown, Guilford County, North Carolina

Figure 2

TABLES

Quarterly Groundwater Data
Quarterly Surface Water Data

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

Sample I.D.	Date	*Total VOCs	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	1,4-Dioxane	Acetone	Benzene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Methylene Chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes (total)	Other VOCs
NC 2L Groundwater Standard (ug/l)			200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3000	70	3	70	600	5	0.7	600	100	3	0.03	500	
AW-3																										
Background	3/22/2022	1754	<20	<20	**250**	20	<20	<20	**810**	<400	<20	<20	**1100**	65	<20	<20	130	<20	<20	<20	<20	<20	<20	**170**	<60	19
	6/30/2022	New Extraction Wells Online																								
	9/27/2022	879	<5	<5	**97**	6	<5	<5	**739**[RS]	<50	**6.3**	<5	**630**	39 [*+]	<5	<5	47	<5	<5	<5	<5	<5	<5	**54**	<5	7.5 J
	1/5/2023	1660	<20	<20	**180**	15 J	<20	<20	**480**	<200	**9.8 J**	<20	**1200**	21	<20	<20	**96**	<20	<20	<20	<20	<20	<20	**130**	<20	8.5 J
	4/6/2023	1175	<20	<20	**170**	8.8 J	<20	<20	**470**	<200	**8.2 J**	<20	**830**	<20	<20	<20	**76**	<20	<20	<20	<20	<20	<20	**82**	<20	ND
	7/6/2023	759	<10	<10	**78**	5.9 J	<10	<10	**280**	<200	**7.2 J**	<10	**580**	<10	<10	<10	46	<10	<10	<10	<10	<10	<10	**41**	1.2 JB	ND
	1/3/2024	670	<1	<1	**79**	6.9	**1.8**	<1	**270**	<20	**5.1**	<1	**490**	<1	<1	<1	38	<1	<1	<1	0.73 J	0.35 J	0.30 J	**45**	0.51 J	2.4
	3/26/2024	726	<1	<1	**85**	6.8	**1.8**	<1	**370**	<20	**6.8**	<1	**510**	19	<1	<1	45	<1	<1	<1	0.91 J	0.39 J	0.44 J	**48**	0.46 J	1.8
AWB-4																										
Background	3/22/2022	4119	<50	<50	**550**	21 J	**120**	<50	**1200**	<1000	<50	<50	**3000**	48	<50	<50	**150**	<50	<50	<50	<50	<50	<50	**230**	<150	ND
	6/30/2022	New Extraction Wells Online																								
	9/27/2022	3632	<25	<25	**490**	11 J	**170**	<25	**1,230**[RS]	<250	**35**	<25	**2700**	<25	<25	<25	**86**	<25	<25	<25	<25	<25	<25	**140**	<25	ND
	1/5/2023	4271	<50	<50	**450**	<50	**130**	<50	**920**	<50	**33 J**	<50	**3300**	78	<50	<50	**90**	<50	<50	<50	<50	<50	<50	**190**	<50	ND
	4/6/2023	2653	<10	<10	**310**	<10	**130**	<10	**880**	<100	<10	<10	**2100**	<10	<10	<10	39 J	<10	<10	<10	<10	<10	<10	**74**	<10	ND
	7/6/2023	2874	<50	<50	**300**	<50	**130**	<50	**860**	<1000	<50	<50	**2300**	<50	<50	<50	60	<50	<50	<50	<50	<50	<50	**77**	6.8 JB	ND
	1/3/2024	1841	<1	<1	**250**	6.7	**95**	<1	**840**	<20	**23**	<1	**1300**	27	<1	<1	43	0.23 J	<1	**0.88 J**	1.7	1	1.9	**83**	1.4 J	5.7
	3/26/2024	1812	<1	<1	**220**	5.9	**77**	<1	**990**	<20	**21**	<1	**1300**	55	<1	<1	47	0.22 J	<1	**0.81 J**	1.5	0.77 J	2.2	**75**	1.2 J	4.2

ND = Not Detected
RS = Resampled
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 [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-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
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
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

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]	[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-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
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

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Gary Babb
Babb & Associates
5506 Bradford Pear Court
Raleigh, North Carolina 27606

Generated 4/8/2024 1:29:16 PM

JOB DESCRIPTION

Seaboard- Quarterly Surface Waters

JOB NUMBER

680-248614-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Sample Summary

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-248614-1	AW-3	Surface Water	03/26/24 10:20	03/27/24 10:17
680-248614-2	AWB-4	Surface Water	03/26/24 09:55	03/27/24 10:17
680-248614-3	SW-1	Surface Water	03/26/24 07:50	03/27/24 10:17
680-248614-4	SW-2	Surface Water	03/26/24 08:05	03/27/24 10:17
680-248614-5	SW-3	Surface Water	03/26/24 08:30	03/27/24 10:17
680-248614-6	SW-4	Surface Water	03/26/24 09:15	03/27/24 10:17
680-248614-7	SW-5	Surface Water	03/26/24 08:20	03/27/24 10:17
680-248614-8	Trip Blank	Water	03/26/24 00:00	03/27/24 10:17
680-248614-9	Trip Blank	Water	03/26/24 00:00	03/27/24 10:17

Method Summary

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SAV
8260D SIM 14D	Volatile Organic Compounds (GC/MS)	SW846	EET SAV
5030B	Purge and Trap	SW846	EET SAV
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 SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
J2	Estimated value; value may not be accurate.
U	Indicates that the compound 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

Job Narrative
680-248614-1

Receipt
The samples were received on 3/27/2024 10:17 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 1.1°C.

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

Detection Summary

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: AW-3 — Lab Sample ID: 680-248614-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	370		25	16	ug/L	50		8260D SIM 14D	Total/NA
1,1-Dichloroethane	85		1.0	0.33	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	6.8		1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	0.67	J	1.0	0.31	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	1.8		1.0	0.25	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	1.1		1.0	0.31	ug/L	1		8260D	Total/NA
Benzene	6.8		1.0	0.27	ug/L	1		8260D	Total/NA
Chloroethane	19		5.0	4.6	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	45		1.0	0.25	ug/L	1		8260D	Total/NA
o-Xylene	0.46	J	1.0	0.26	ug/L	1		8260D	Total/NA
Toluene	0.91	J	1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.39	J	1.0	0.34	ug/L	1		8260D	Total/NA
Trichloroethene	0.44	J	1.0	0.20	ug/L	1		8260D	Total/NA
Vinyl chloride	48		1.0	0.40	ug/L	1		8260D	Total/NA
Xylenes (total)	0.46	J	3.0	0.23	ug/L	1		8260D	Total/NA
Chlorobenzene - DL	510		5.0	0.75	ug/L	5		8260D	Total/NA

Client Sample ID: AWB-4 — Lab Sample ID: 680-248614-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	990		50	32	ug/L	100		8260D SIM 14D	Total/NA
1,1-Dichloroethene	5.9		1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	1.2		1.0	0.31	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	77		1.0	0.25	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	3.0		1.0	0.31	ug/L	1		8260D	Total/NA
Benzene	21		1.0	0.27	ug/L	1		8260D	Total/NA
Chloroethane	55		50	46	ug/L	10		8260D	Total/NA
cis-1,2-Dichloroethene	47		1.0	0.25	ug/L	1		8260D	Total/NA
Ethylbenzene	0.22	J	1.0	0.20	ug/L	1		8260D	Total/NA
o-Xylene	1.2		1.0	0.26	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.81	J	1.0	0.35	ug/L	1		8260D	Total/NA
Toluene	1.5		1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.77	J	1.0	0.34	ug/L	1		8260D	Total/NA
Trichloroethene	2.2		1.0	0.20	ug/L	1		8260D	Total/NA
Vinyl chloride	75		1.0	0.40	ug/L	1		8260D	Total/NA
Xylenes (total)	1.2	J	3.0	0.23	ug/L	1		8260D	Total/NA
1,1-Dichloroethane - DL	220		10	3.3	ug/L	10		8260D	Total/NA
Chlorobenzene - DL	1300		10	1.5	ug/L	10		8260D	Total/NA

Client Sample ID: SW-1 — Lab Sample ID: 680-248614-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.8		0.50	0.32	ug/L	1		8260D SIM 14D	Total/NA

Client Sample ID: SW-2 — Lab Sample ID: 680-248614-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.0		0.50	0.32	ug/L	1		8260D SIM 14D	Total/NA

Client Sample ID: SW-3 — Lab Sample ID: 680-248614-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.5		0.50	0.32	ug/L	1		8260D SIM 14D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Detection Summary

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: SW-4
Lab Sample ID: 680-248614-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	30		25	16	ug/L	50		8260D SIM 14D	Total/NA
1,1-Dichloroethane	4.4		1.0	0.33	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.83	J	1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	0.43	J	1.0	0.25	ug/L	1		8260D	Total/NA
Chlorobenzene	3.5		1.0	0.15	ug/L	1		8260D	Total/NA
Chloroethane	6.9		5.0	4.6	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.6		1.0	0.25	ug/L	1		8260D	Total/NA
Vinyl chloride	2.0		1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: SW-5
Lab Sample ID: 680-248614-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	11		0.50	0.32	ug/L	1		8260D SIM 14D	Total/NA

Client Sample ID: Trip Blank
Lab Sample ID: 680-248614-8

No Detections.

Client Sample ID: Trip Blank
Lab Sample ID: 680-248614-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: AW-3
Date Collected: 03/26/24 10:20
Date Received: 03/27/24 10:17

Lab Sample ID: 680-248614-1
Matrix: Surface Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**370**		25	16	ug/L			04/07/24 03:03	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*46 - 154*		*04/07/24 03:03*	*50*

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	1.0	U	1.0	0.36	ug/L			04/03/24 19:48	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/03/24 19:48	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/03/24 19:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/03/24 19:48	1
1,1-Dichloroethane	**85**		1.0	0.33	ug/L			04/03/24 19:48	1
1,1-Dichloroethene	**6.8**		1.0	0.33	ug/L			04/03/24 19:48	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/03/24 19:48	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/03/24 19:48	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/03/24 19:48	1
1,2-Dichlorobenzene	**0.67**	**J**	1.0	0.31	ug/L			04/03/24 19:48	1
1,2-Dichloroethane	**1.8**		1.0	0.25	ug/L			04/03/24 19:48	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/03/24 19:48	1
1,4-Dichlorobenzene	**1.1**		1.0	0.31	ug/L			04/03/24 19:48	1
2-Butanone	10	U	10	6.4	ug/L			04/03/24 19:48	1
2-Hexanone	10	U J2	10	3.2	ug/L			04/03/24 19:48	1
4-Methyl-2-pentanone	10	U J2	10	2.7	ug/L			04/03/24 19:48	1
Acetone	20	U	20	3.7	ug/L			04/03/24 19:48	1
Acrylonitrile	20	U	20	5.5	ug/L			04/03/24 19:48	1
Benzene	**6.8**		1.0	0.27	ug/L			04/03/24 19:48	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/03/24 19:48	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/03/24 19:48	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/03/24 19:48	1
Bromomethane	5.0	U	5.0	3.7	ug/L			04/03/24 19:48	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/03/24 19:48	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/03/24 19:48	1
Chloroethane	**19**		5.0	4.6	ug/L			04/03/24 19:48	1
Chloroform	1.0	U	1.0	0.27	ug/L			04/03/24 19:48	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/03/24 19:48	1
cis-1,2-Dichloroethene	**45**		1.0	0.25	ug/L			04/03/24 19:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/03/24 19:48	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/03/24 19:48	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/03/24 19:48	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			04/03/24 19:48	1
Iodomethane	10	U	10	3.9	ug/L			04/03/24 19:48	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/03/24 19:48	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/03/24 19:48	1
o-Xylene	**0.46**	**J**	1.0	0.26	ug/L			04/03/24 19:48	1
Styrene	1.0	U	1.0	0.27	ug/L			04/03/24 19:48	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			04/03/24 19:48	1
Toluene	**0.91**	**J**	1.0	0.25	ug/L			04/03/24 19:48	1
trans-1,2-Dichloroethene	**0.39**	**J**	1.0	0.34	ug/L			04/03/24 19:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/03/24 19:48	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/03/24 19:48	1

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: AW-3
Date Collected: 03/26/24 10:20
Date Received: 03/27/24 10:17

Lab Sample ID: 680-248614-1
Matrix: Surface Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**0.44**	**J**	1.0	0.20	ug/L			04/03/24 19:48	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/03/24 19:48	1
Vinyl acetate	5.0	U J2	5.0	0.69	ug/L			04/03/24 19:48	1
Vinyl chloride	**48**		1.0	0.40	ug/L			04/03/24 19:48	1
Xylenes (total)	**0.46**	**J**	3.0	0.23	ug/L			04/03/24 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*75*		*60 - 124*		*04/03/24 19:48*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/03/24 19:48*	*1*
Dibromofluoromethane (Surr)	*84*		*70 - 130*		*04/03/24 19:48*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*04/03/24 19:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**510**		5.0	0.75	ug/L			04/04/24 18:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*60 - 124*		*04/04/24 18:50*	*5*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*04/04/24 18:50*	*5*
Dibromofluoromethane (Surr)	*91*		*70 - 130*		*04/04/24 18:50*	*5*
Toluene-d8 (Surr)	*104*		*70 - 130*		*04/04/24 18:50*	*5*

Client: Babb & Associates
Project/Site: Seaboard- Quarterly Surface Waters

Job ID: 680-248614-1

Client Sample ID: AWB-4

Date Collected: 03/26/24 09:55
Date Received: 03/27/24 10:17

Lab Sample ID: 680-248614-2

Matrix: Surface Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**990**		50	32	ug/L			04/07/24 03:29	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*46 - 154*		*04/07/24 03:29*	*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	1.0	U	1.0	0.36	ug/L			04/03/24 20:10	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/03/24 20:10	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/03/24 20:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/03/24 20:10	1
1,1-Dichloroethene	**5.9**		1.0	0.33	ug/L			04/03/24 20:10	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/03/24 20:10	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/03/24 20:10	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/03/24 20:10	1
1,2-Dichlorobenzene	**1.2**		1.0	0.31	ug/L			04/03/24 20:10	1
1,2-Dichloroethane	**77**		1.0	0.25	ug/L			04/03/24 20:10	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/03/24 20:10	1
1,4-Dichlorobenzene	**3.0**		1.0	0.31	ug/L			04/03/24 20:10	1
2-Butanone	10	U	10	6.4	ug/L			04/03/24 20:10	1
2-Hexanone	10	U J2	10	3.2	ug/L			04/03/24 20:10	1
4-Methyl-2-pentanone	10	U J2	10	2.7	ug/L			04/03/24 20:10	1
Acetone	20	U	20	3.7	ug/L			04/03/24 20:10	1
Acrylonitrile	20	U	20	5.5	ug/L			04/03/24 20:10	1
Benzene	**21**		1.0	0.27	ug/L			04/03/24 20:10	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/03/24 20:10	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/03/24 20:10	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/03/24 20:10	1
Bromomethane	5.0	U	5.0	3.7	ug/L			04/03/24 20:10	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/03/24 20:10	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/03/24 20:10	1
Chloroethane	**55**		50	46	ug/L			04/05/24 18:29	10
Chloroform	1.0	U	1.0	0.27	ug/L			04/03/24 20:10	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/03/24 20:10	1
cis-1,2-Dichloroethene	**47**		1.0	0.25	ug/L			04/03/24 20:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/03/24 20:10	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/03/24 20:10	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/03/24 20:10	1
Ethylbenzene	**0.22**	**J**	1.0	0.20	ug/L			04/03/24 20:10	1
Iodomethane	10	U	10	3.9	ug/L			04/03/24 20:10	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/03/24 20:10	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/03/24 20:10	1
o-Xylene	**1.2**		1.0	0.26	ug/L			04/03/24 20:10	1
Styrene	1.0	U	1.0	0.27	ug/L			04/03/24 20:10	1
Tetrachloroethene	**0.81**	**J**	1.0	0.35	ug/L			04/03/24 20:10	1
Toluene	**1.5**		1.0	0.25	ug/L			04/03/24 20:10	1
trans-1,2-Dichloroethene	**0.77**	**J**	1.0	0.34	ug/L			04/03/24 20:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/03/24 20:10	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/03/24 20:10	1
Trichloroethene	**2.2**		1.0	0.20	ug/L			04/03/24 20:10	1

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: AWB-4
Lab Sample ID: 680-248614-2
Date Collected: 03/26/24 09:55
Matrix: Surface Water
Date Received: 03/27/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/03/24 20:10	1
Vinyl acetate	5.0	U J2	5.0	0.69	ug/L			04/03/24 20:10	1
Vinyl chloride	**75**		1.0	0.40	ug/L			04/03/24 20:10	1
Xylenes (total)	**1.2**	**J**	3.0	0.23	ug/L			04/03/24 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*71*		*60 - 124*		*04/03/24 20:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*60 - 124*		*04/05/24 18:29*	*10*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*04/03/24 20:10*	*1*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*		*04/05/24 18:29*	*10*
Dibromofluoromethane (Surr)	*85*		*70 - 130*		*04/03/24 20:10*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*04/05/24 18:29*	*10*
Toluene-d8 (Surr)	*95*		*70 - 130*		*04/03/24 20:10*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*04/05/24 18:29*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**220**		10	3.3	ug/L			04/04/24 19:42	10
Chlorobenzene	**1300**		10	1.5	ug/L			04/04/24 19:42	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*60 - 124*		*04/04/24 19:42*	*10*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*		*04/04/24 19:42*	*10*
Dibromofluoromethane (Surr)	*90*		*70 - 130*		*04/04/24 19:42*	*10*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/04/24 19:42*	*10*

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: SW-1
Date Collected: 03/26/24 07:50
Date Received: 03/27/24 10:17

Lab Sample ID: 680-248614-3
Matrix: Surface Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	5.8		0.50	0.32	ug/L			04/06/24 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*46 - 154*		*04/06/24 20:14*	*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	1.0	U	1.0	0.36	ug/L			04/03/24 20:32	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/03/24 20:32	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/03/24 20:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/03/24 20:32	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			04/03/24 20:32	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			04/03/24 20:32	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/03/24 20:32	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/03/24 20:32	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/03/24 20:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/03/24 20:32	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			04/03/24 20:32	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/03/24 20:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/03/24 20:32	1
2-Butanone	10	U	10	6.4	ug/L			04/03/24 20:32	1
2-Hexanone	10	U J2	10	3.2	ug/L			04/03/24 20:32	1
4-Methyl-2-pentanone	10	U J2	10	2.7	ug/L			04/03/24 20:32	1
Acetone	20	U	20	3.7	ug/L			04/03/24 20:32	1
Acrylonitrile	20	U	20	5.5	ug/L			04/03/24 20:32	1
Benzene	1.0	U	1.0	0.27	ug/L			04/03/24 20:32	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/03/24 20:32	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/03/24 20:32	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/03/24 20:32	1
Bromomethane	5.0	U	5.0	3.7	ug/L			04/03/24 20:32	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/03/24 20:32	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/03/24 20:32	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/05/24 13:54	1
Chloroethane	5.0	U	5.0	4.6	ug/L			04/03/24 20:32	1
Chloroform	1.0	U	1.0	0.27	ug/L			04/03/24 20:32	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/03/24 20:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			04/03/24 20:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/03/24 20:32	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/03/24 20:32	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/03/24 20:32	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			04/03/24 20:32	1
Iodomethane	10	U	10	3.9	ug/L			04/03/24 20:32	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/03/24 20:32	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/03/24 20:32	1
o-Xylene	1.0	U	1.0	0.26	ug/L			04/03/24 20:32	1
Styrene	1.0	U	1.0	0.27	ug/L			04/03/24 20:32	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			04/03/24 20:32	1
Toluene	1.0	U	1.0	0.25	ug/L			04/03/24 20:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			04/03/24 20:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/03/24 20:32	1

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: SW-1
Lab Sample ID: 680-248614-3
Date Collected: 03/26/24 07:50
Matrix: Surface Water
Date Received: 03/27/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/03/24 20:32	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			04/03/24 20:32	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/03/24 20:32	1
Vinyl acetate	5.0	U J2	5.0	0.69	ug/L			04/03/24 20:32	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			04/03/24 20:32	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			04/03/24 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*77*		*60 - 124*		*04/03/24 20:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 124*		*04/05/24 13:54*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*04/03/24 20:32*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*04/05/24 13:54*	*1*
Dibromofluoromethane (Surr)	*87*		*70 - 130*		*04/03/24 20:32*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*04/05/24 13:54*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/03/24 20:32*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*04/05/24 13:54*	*1*

Client: Babb & Associates
Project/Site: Seaboard- Quarterly Surface Waters

Job ID: 680-248614-1

Client Sample ID: SW-2

Date Collected: 03/26/24 08:05
Date Received: 03/27/24 10:17

Lab Sample ID: 680-248614-4

Matrix: Surface Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.0		0.50	0.32	ug/L			04/07/24 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*		*46 - 154*		*04/07/24 13:30*	*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	1.0	U	1.0	0.36	ug/L			04/04/24 14:19	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/04/24 14:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/04/24 14:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/04/24 14:19	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			04/04/24 14:19	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			04/04/24 14:19	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/04/24 14:19	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/04/24 14:19	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/04/24 14:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 14:19	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			04/04/24 14:19	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/04/24 14:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 14:19	1
2-Butanone	10	U	10	6.4	ug/L			04/04/24 14:19	1
2-Hexanone	10	U	10	3.2	ug/L			04/04/24 14:19	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			04/04/24 14:19	1
Acetone	20	U	20	3.7	ug/L			04/04/24 14:19	1
Acrylonitrile	20	U	20	5.5	ug/L			04/04/24 14:19	1
Benzene	1.0	U	1.0	0.27	ug/L			04/04/24 14:19	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/04/24 14:19	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/04/24 14:19	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/04/24 14:19	1
Bromomethane	5.0	U	5.0	3.7	ug/L			04/04/24 14:19	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/04/24 14:19	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/04/24 14:19	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/04/24 14:19	1
Chloroethane	5.0	U	5.0	4.6	ug/L			04/04/24 14:19	1
Chloroform	1.0	U	1.0	0.27	ug/L			04/04/24 14:19	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/04/24 14:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			04/04/24 14:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/04/24 14:19	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/04/24 14:19	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/04/24 14:19	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			04/04/24 14:19	1
Iodomethane	10	U	10	3.9	ug/L			04/04/24 14:19	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/04/24 14:19	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/04/24 14:19	1
o-Xylene	1.0	U	1.0	0.26	ug/L			04/04/24 14:19	1
Styrene	1.0	U	1.0	0.27	ug/L			04/04/24 14:19	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			04/04/24 14:19	1
Toluene	1.0	U	1.0	0.25	ug/L			04/04/24 14:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			04/04/24 14:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/04/24 14:19	1

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: SW-2
Lab Sample ID: 680-248614-4
Date Collected: 03/26/24 08:05
Matrix: Surface Water
Date Received: 03/27/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/04/24 14:19	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			04/04/24 14:19	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/04/24 14:19	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			04/04/24 14:19	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			04/04/24 14:19	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			04/04/24 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*60 - 124*		*04/04/24 14:19*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/04/24 14:19*	*1*
Dibromofluoromethane (Surr)	*89*		*70 - 130*		*04/04/24 14:19*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*04/04/24 14:19*	*1*

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: SW-3
Date Collected: 03/26/24 08:30
Date Received: 03/27/24 10:17

Lab Sample ID: 680-248614-5
Matrix: Surface Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	6.5		0.50	0.32	ug/L			04/08/24 05:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*46 - 154*		*04/08/24 05:56*	*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	1.0	U	1.0	0.36	ug/L			04/04/24 14:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/04/24 14:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/04/24 14:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/04/24 14:42	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			04/04/24 14:42	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			04/04/24 14:42	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/04/24 14:42	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/04/24 14:42	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/04/24 14:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 14:42	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			04/04/24 14:42	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/04/24 14:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 14:42	1
2-Butanone	10	U	10	6.4	ug/L			04/04/24 14:42	1
2-Hexanone	10	U	10	3.2	ug/L			04/04/24 14:42	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			04/04/24 14:42	1
Acetone	20	U	20	3.7	ug/L			04/04/24 14:42	1
Acrylonitrile	20	U	20	5.5	ug/L			04/04/24 14:42	1
Benzene	1.0	U	1.0	0.27	ug/L			04/04/24 14:42	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/04/24 14:42	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/04/24 14:42	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/04/24 14:42	1
Bromomethane	5.0	U	5.0	3.7	ug/L			04/04/24 14:42	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/04/24 14:42	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/04/24 14:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/04/24 14:42	1
Chloroethane	5.0	U	5.0	4.6	ug/L			04/04/24 14:42	1
Chloroform	1.0	U	1.0	0.27	ug/L			04/04/24 14:42	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/04/24 14:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			04/04/24 14:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/04/24 14:42	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/04/24 14:42	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/04/24 14:42	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			04/04/24 14:42	1
Iodomethane	10	U	10	3.9	ug/L			04/04/24 14:42	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/04/24 14:42	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/04/24 14:42	1
o-Xylene	1.0	U	1.0	0.26	ug/L			04/04/24 14:42	1
Styrene	1.0	U	1.0	0.27	ug/L			04/04/24 14:42	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			04/04/24 14:42	1
Toluene	1.0	U	1.0	0.25	ug/L			04/04/24 14:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			04/04/24 14:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/04/24 14:42	1

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: SW-3
Lab Sample ID: 680-248614-5
Date Collected: 03/26/24 08:30
Matrix: Surface Water
Date Received: 03/27/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/04/24 14:42	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			04/04/24 14:42	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/04/24 14:42	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			04/04/24 14:42	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			04/04/24 14:42	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			04/04/24 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*76*		*60 - 124*		*04/04/24 14:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*04/04/24 14:42*	*1*
Dibromofluoromethane (Surr)	*87*		*70 - 130*		*04/04/24 14:42*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*04/04/24 14:42*	*1*

Client Sample ID: SW-4
Date Collected: 03/26/24 09:15
Date Received: 03/27/24 10:17

Lab Sample ID: 680-248614-6
Matrix: Surface Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**30**		25	16	ug/L			04/06/24 21:31	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*46 - 154*		*04/06/24 21:31*	*50*

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	1.0	U	1.0	0.36	ug/L			04/04/24 15:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/04/24 15:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/04/24 15:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/04/24 15:04	1
1,1-Dichloroethane	**4.4**		1.0	0.33	ug/L			04/04/24 15:04	1
1,1-Dichloroethene	**0.83**	**J**	1.0	0.33	ug/L			04/04/24 15:04	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/04/24 15:04	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/04/24 15:04	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/04/24 15:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 15:04	1
1,2-Dichloroethane	**0.43**	**J**	1.0	0.25	ug/L			04/04/24 15:04	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/04/24 15:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 15:04	1
2-Butanone	10	U	10	6.4	ug/L			04/04/24 15:04	1
2-Hexanone	10	U	10	3.2	ug/L			04/04/24 15:04	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			04/04/24 15:04	1
Acetone	20	U	20	3.7	ug/L			04/04/24 15:04	1
Acrylonitrile	20	U	20	5.5	ug/L			04/04/24 15:04	1
Benzene	1.0	U	1.0	0.27	ug/L			04/04/24 15:04	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/04/24 15:04	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/04/24 15:04	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/04/24 15:04	1
Bromomethane	5.0	U	5.0	3.7	ug/L			04/04/24 15:04	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/04/24 15:04	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/04/24 15:04	1
Chlorobenzene	**3.5**		1.0	0.15	ug/L			04/04/24 15:04	1
Chloroethane	**6.9**		5.0	4.6	ug/L			04/04/24 15:04	1
Chloroform	1.0	U	1.0	0.27	ug/L			04/04/24 15:04	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/04/24 15:04	1
cis-1,2-Dichloroethene	**4.6**		1.0	0.25	ug/L			04/04/24 15:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/04/24 15:04	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/04/24 15:04	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/04/24 15:04	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			04/04/24 15:04	1
Iodomethane	10	U	10	3.9	ug/L			04/04/24 15:04	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/04/24 15:04	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/04/24 15:04	1
o-Xylene	1.0	U	1.0	0.26	ug/L			04/04/24 15:04	1
Styrene	1.0	U	1.0	0.27	ug/L			04/04/24 15:04	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			04/04/24 15:04	1
Toluene	1.0	U	1.0	0.25	ug/L			04/04/24 15:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			04/04/24 15:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/04/24 15:04	1

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: SW-4
Lab Sample ID: 680-248614-6
Date Collected: 03/26/24 09:15
Matrix: Surface Water
Date Received: 03/27/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/04/24 15:04	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			04/04/24 15:04	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/04/24 15:04	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			04/04/24 15:04	1
Vinyl chloride	**2.0**		1.0	0.40	ug/L			04/04/24 15:04	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			04/04/24 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*76*		*60 - 124*		*04/04/24 15:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/04/24 15:04*	*1*
Dibromofluoromethane (Surr)	*86*		*70 - 130*		*04/04/24 15:04*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*04/04/24 15:04*	*1*

Client: Babb & Associates
Project/Site: Seaboard- Quarterly Surface Waters

Job ID: 680-248614-1

Client Sample ID: SW-5

Date Collected: 03/26/24 08:20
Date Received: 03/27/24 10:17

Lab Sample ID: 680-248614-7

Matrix: Surface Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	11		0.50	0.32	ug/L			04/08/24 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*46 - 154*		*04/08/24 06:21*	*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	1.0	U	1.0	0.36	ug/L			04/04/24 15:26	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/04/24 15:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/04/24 15:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/04/24 15:26	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			04/04/24 15:26	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			04/04/24 15:26	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/04/24 15:26	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/04/24 15:26	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/04/24 15:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 15:26	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			04/04/24 15:26	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/04/24 15:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 15:26	1
2-Butanone	10	U	10	6.4	ug/L			04/04/24 15:26	1
2-Hexanone	10	U	10	3.2	ug/L			04/04/24 15:26	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			04/04/24 15:26	1
Acetone	20	U	20	3.7	ug/L			04/04/24 15:26	1
Acrylonitrile	20	U	20	5.5	ug/L			04/04/24 15:26	1
Benzene	1.0	U	1.0	0.27	ug/L			04/04/24 15:26	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/04/24 15:26	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/04/24 15:26	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/04/24 15:26	1
Bromomethane	5.0	U	5.0	3.7	ug/L			04/04/24 15:26	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/04/24 15:26	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/04/24 15:26	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/04/24 15:26	1
Chloroethane	5.0	U	5.0	4.6	ug/L			04/04/24 15:26	1
Chloroform	1.0	U	1.0	0.27	ug/L			04/04/24 15:26	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/04/24 15:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			04/04/24 15:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/04/24 15:26	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/04/24 15:26	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/04/24 15:26	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			04/04/24 15:26	1
Iodomethane	10	U	10	3.9	ug/L			04/04/24 15:26	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/04/24 15:26	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/04/24 15:26	1
o-Xylene	1.0	U	1.0	0.26	ug/L			04/04/24 15:26	1
Styrene	1.0	U	1.0	0.27	ug/L			04/04/24 15:26	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			04/04/24 15:26	1
Toluene	1.0	U	1.0	0.25	ug/L			04/04/24 15:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			04/04/24 15:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/04/24 15:26	1

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: SW-5
Lab Sample ID: 680-248614-7
Date Collected: 03/26/24 08:20
Matrix: Surface Water
Date Received: 03/27/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/04/24 15:26	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			04/04/24 15:26	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/04/24 15:26	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			04/04/24 15:26	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			04/04/24 15:26	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			04/04/24 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*77*		*60 - 124*		*04/04/24 15:26*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/04/24 15:26*	*1*
Dibromofluoromethane (Surr)	*89*		*70 - 130*		*04/04/24 15:26*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*04/04/24 15:26*	*1*

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: Trip Blank
Lab Sample ID: 680-248614-8

Date Collected: 03/26/24 00:00
Matrix: Water
Date Received: 03/27/24 10:17

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	1.0	U	1.0	0.36	ug/L			04/03/24 16:26	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/03/24 16:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/03/24 16:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/03/24 16:26	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			04/03/24 16:26	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			04/03/24 16:26	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/03/24 16:26	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/03/24 16:26	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/03/24 16:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/03/24 16:26	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			04/03/24 16:26	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/03/24 16:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/03/24 16:26	1
2-Butanone	10	U	10	6.4	ug/L			04/03/24 16:26	1
2-Hexanone	10	U J2	10	3.2	ug/L			04/03/24 16:26	1
4-Methyl-2-pentanone	10	U J2	10	2.7	ug/L			04/03/24 16:26	1
Acetone	20	U	20	3.7	ug/L			04/03/24 16:26	1
Acrylonitrile	20	U	20	5.5	ug/L			04/03/24 16:26	1
Benzene	1.0	U	1.0	0.27	ug/L			04/03/24 16:26	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/03/24 16:26	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/03/24 16:26	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/03/24 16:26	1
Bromomethane	5.0	U	5.0	3.7	ug/L			04/03/24 16:26	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/03/24 16:26	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/03/24 16:26	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/03/24 16:26	1
Chloroethane	5.0	U	5.0	4.6	ug/L			04/03/24 16:26	1
Chloroform	1.0	U	1.0	0.27	ug/L			04/03/24 16:26	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/03/24 16:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			04/03/24 16:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/03/24 16:26	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/03/24 16:26	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/03/24 16:26	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			04/03/24 16:26	1
Iodomethane	10	U	10	3.9	ug/L			04/03/24 16:26	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/03/24 16:26	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/03/24 16:26	1
o-Xylene	1.0	U	1.0	0.26	ug/L			04/03/24 16:26	1
Styrene	1.0	U	1.0	0.27	ug/L			04/03/24 16:26	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			04/03/24 16:26	1
Toluene	1.0	U	1.0	0.25	ug/L			04/03/24 16:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			04/03/24 16:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/03/24 16:26	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/03/24 16:26	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			04/03/24 16:26	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/03/24 16:26	1
Vinyl acetate	5.0	U J2	5.0	0.69	ug/L			04/03/24 16:26	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			04/03/24 16:26	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			04/03/24 16:26	1

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: Trip Blank
Lab Sample ID: 680-248614-8
Date Collected: 03/26/24 00:00
Matrix: Water
Date Received: 03/27/24 10:17

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	75		60 - 124		04/03/24 16:26	1
4-Bromofluorobenzene (Surr)	105		70 - 130		04/03/24 16:26	1
Dibromofluoromethane (Surr)	84		70 - 130		04/03/24 16:26	1
Toluene-d8 (Surr)	94		70 - 130		04/03/24 16:26	1

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: Trip Blank
Lab Sample ID: 680-248614-9
Date Collected: 03/26/24 00:00
Matrix: Water
Date Received: 03/27/24 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.50	U	0.50	0.32	ug/L			04/06/24 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*46 - 154*		*04/06/24 18:16*	*1*

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

Lab Sample ID: MB 680-831101/8
Matrix: Water
Analysis Batch: 831101

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.36	ug/L			04/03/24 14:28	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/03/24 14:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/03/24 14:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/03/24 14:28	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			04/03/24 14:28	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			04/03/24 14:28	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/03/24 14:28	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/03/24 14:28	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/03/24 14:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/03/24 14:28	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			04/03/24 14:28	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/03/24 14:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/03/24 14:28	1
2-Butanone	10	U	10	6.4	ug/L			04/03/24 14:28	1
2-Hexanone	10	U	10	3.2	ug/L			04/03/24 14:28	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			04/03/24 14:28	1
Acetone	20	U	20	3.7	ug/L			04/03/24 14:28	1
Acrylonitrile	20	U	20	5.5	ug/L			04/03/24 14:28	1
Benzene	1.0	U	1.0	0.27	ug/L			04/03/24 14:28	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/03/24 14:28	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/03/24 14:28	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/03/24 14:28	1
Bromomethane	5.0	U	5.0	3.7	ug/L			04/03/24 14:28	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/03/24 14:28	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/03/24 14:28	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/03/24 14:28	1
Chloroethane	5.0	U	5.0	4.6	ug/L			04/03/24 14:28	1
Chloroform	1.0	U	1.0	0.27	ug/L			04/03/24 14:28	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/03/24 14:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			04/03/24 14:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/03/24 14:28	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/03/24 14:28	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/03/24 14:28	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			04/03/24 14:28	1
Iodomethane	10	U	10	3.9	ug/L			04/03/24 14:28	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/03/24 14:28	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/03/24 14:28	1
o-Xylene	1.0	U	1.0	0.26	ug/L			04/03/24 14:28	1
Styrene	1.0	U	1.0	0.27	ug/L			04/03/24 14:28	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			04/03/24 14:28	1
Toluene	1.0	U	1.0	0.25	ug/L			04/03/24 14:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			04/03/24 14:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/03/24 14:28	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/03/24 14:28	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			04/03/24 14:28	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/03/24 14:28	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			04/03/24 14:28	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			04/03/24 14:28	1

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

Lab Sample ID: MB 680-831101/8
Matrix: Water
Analysis Batch: 831101

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes (total)	3.0	U	3.0	0.23	ug/L			04/03/24 14:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*74*		*60 - 124*		*04/03/24 14:28*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*04/03/24 14:28*	*1*
Dibromofluoromethane (Surr)	*83*		*70 - 130*		*04/03/24 14:28*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*04/03/24 14:28*	*1*

Lab Sample ID: LCS 680-831101/4
Matrix: Water
Analysis Batch: 831101

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	50.0	44.9		ug/L		90	70 - 130
1,1,1-Trichloroethane	50.0	57.9		ug/L		116	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.6		ug/L		109	70 - 130
1,1,2-Trichloroethane	50.0	50.5		ug/L		101	70 - 130
1,1-Dichloroethane	50.0	49.1		ug/L		98	70 - 130
1,1-Dichloroethene	50.0	48.7		ug/L		97	70 - 130
1,2,3-Trichloropropane	50.0	51.7		ug/L		103	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	58.4		ug/L		117	70 - 130
1,2-Dibromoethane	50.0	52.0		ug/L		104	70 - 130
1,2-Dichlorobenzene	50.0	53.4		ug/L		107	70 - 130
1,2-Dichloroethane	50.0	51.9		ug/L		104	70 - 130
1,2-Dichloropropane	50.0	54.4		ug/L		109	70 - 130
1,4-Dichlorobenzene	50.0	51.9		ug/L		104	70 - 130
2-Butanone	250	257		ug/L		103	69 - 120
2-Hexanone	250	307		ug/L		123	70 - 130
4-Methyl-2-pentanone	250	299		ug/L		120	68 - 120
Acetone	250	235		ug/L		94	67 - 120
Acrylonitrile	500	516		ug/L		103	70 - 130
Benzene	50.0	52.9		ug/L		106	70 - 130
Bromochloromethane	50.0	48.5		ug/L		97	70 - 130
Bromodichloromethane	50.0	52.9		ug/L		106	70 - 130
Bromoform	50.0	49.4		ug/L		99	69 - 129
Bromomethane	50.0	48.5		ug/L		97	28 - 192
Carbon disulfide	50.0	46.9		ug/L		94	70 - 130
Carbon tetrachloride	50.0	57.1		ug/L		114	70 - 130
Chlorobenzene	50.0	52.8		ug/L		106	70 - 130
Chloroethane	50.0	43.7		ug/L		87	31 - 213
Chloroform	50.0	48.9		ug/L		98	70 - 130
Chloromethane	50.0	48.5		ug/L		97	59 - 127
cis-1,2-Dichloroethene	50.0	50.6		ug/L		101	70 - 130
cis-1,3-Dichloropropene	50.0	52.1		ug/L		104	70 - 130
Dibromochloromethane	50.0	49.4		ug/L		99	70 - 130
Dibromomethane	50.0	50.0		ug/L		100	70 - 130
Ethylbenzene	50.0	52.0		ug/L		104	70 - 130
Iodomethane	50.0	47.3		ug/L		95	52 - 129

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

Lab Sample ID: LCS 680-831101/4
Matrix: Water
Analysis Batch: 831101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
m,p-Xylenes			50.0	51.2		ug/L		102	70 - 130		
Methylene Chloride			50.0	44.7		ug/L		89	70 - 130		
o-Xylene			50.0	50.5		ug/L		101	70 - 130		
Styrene			50.0	50.6		ug/L		101	70 - 130		
Tetrachloroethene			50.0	52.2		ug/L		104	70 - 130		
Toluene			50.0	49.8		ug/L		100	70 - 130		
trans-1,2-Dichloroethene			50.0	51.2		ug/L		102	70 - 130		
trans-1,3-Dichloropropene			50.0	49.9		ug/L		100	70 - 130		
trans-1,4-Dichloro-2-butene			50.0	49.8		ug/L		100	67 - 120		
Trichloroethene			50.0	51.6		ug/L		103	70 - 130		
Trichlorofluoromethane			50.0	49.1		ug/L		98	63 - 142		
Vinyl acetate			100	160	J2	ug/L		160	67 - 135		
Vinyl chloride			50.0	45.7		ug/L		91	66 - 129		
Xylenes (total)			100	102		ug/L		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 124*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 680-831101/5
Matrix: Water
Analysis Batch: 831101

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			50.0	43.8		ug/L		88	70 - 130	2	30
1,1,1-Trichloroethane			50.0	58.7		ug/L		117	70 - 130	1	30
1,1,2,2-Tetrachloroethane			50.0	55.1		ug/L		110	70 - 130	1	30
1,1,2-Trichloroethane			50.0	52.4		ug/L		105	70 - 130	4	30
1,1-Dichloroethane			50.0	52.2		ug/L		104	70 - 130	6	30
1,1-Dichloroethene			50.0	50.6		ug/L		101	70 - 130	4	20
1,2,3-Trichloropropane			50.0	53.4		ug/L		107	70 - 130	3	30
1,2-Dibromo-3-Chloropropane			50.0	62.3		ug/L		125	70 - 130	6	30
1,2-Dibromoethane			50.0	54.1		ug/L		108	70 - 130	4	30
1,2-Dichlorobenzene			50.0	53.9		ug/L		108	70 - 130	1	30
1,2-Dichloroethane			50.0	56.0		ug/L		112	70 - 130	8	50
1,2-Dichloropropane			50.0	55.2		ug/L		110	70 - 130	2	20
1,4-Dichlorobenzene			50.0	52.3		ug/L		105	70 - 130	1	30
2-Butanone			250	272		ug/L		109	69 - 120	6	30
2-Hexanone			250	332	J2	ug/L		133	70 - 130	8	20
4-Methyl-2-pentanone			250	317	J2	ug/L		127	68 - 120	6	30
Acetone			250	250		ug/L		100	67 - 120	6	30
Acrylonitrile			500	560		ug/L		112	70 - 130	8	30
Benzene			50.0	52.9		ug/L		106	70 - 130	0	30
Bromochloromethane			50.0	51.4		ug/L		103	70 - 130	6	30
Bromodichloromethane			50.0	54.5		ug/L		109	70 - 130	3	30
Bromoform			50.0	49.7		ug/L		99	69 - 129	1	30

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

Lab Sample ID: LCSD 680-831101/5
Matrix: Water
Analysis Batch: 831101

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
Bromomethane			50.0	51.2		ug/L		102	28 - 192	5	30
Carbon disulfide			50.0	47.6		ug/L		95	70 - 130	2	30
Carbon tetrachloride			50.0	56.7		ug/L		113	70 - 130	1	30
Chlorobenzene			50.0	53.4		ug/L		107	70 - 130	1	30
Chloroethane			50.0	44.2		ug/L		88	31 - 213	1	30
Chloroform			50.0	51.6		ug/L		103	70 - 130	5	30
Chloromethane			50.0	50.5		ug/L		101	59 - 127	4	30
cis-1,2-Dichloroethene			50.0	53.3		ug/L		107	70 - 130	5	30
cis-1,3-Dichloropropene			50.0	53.0		ug/L		106	70 - 130	2	20
Dibromochloromethane			50.0	50.2		ug/L		100	70 - 130	2	30
Dibromomethane			50.0	54.7		ug/L		109	70 - 130	9	30
Ethylbenzene			50.0	51.9		ug/L		104	70 - 130	0	20
Iodomethane			50.0	47.8		ug/L		96	52 - 129	1	30
m,p-Xylenes			50.0	50.3		ug/L		101	70 - 130	2	30
Methylene Chloride			50.0	46.5		ug/L		93	70 - 130	4	30
o-Xylene			50.0	49.6		ug/L		99	70 - 130	2	30
Styrene			50.0	50.0		ug/L		100	70 - 130	1	30
Tetrachloroethene			50.0	53.0		ug/L		106	70 - 130	1	30
Toluene			50.0	51.5		ug/L		103	70 - 130	4	30
trans-1,2-Dichloroethene			50.0	52.9		ug/L		106	70 - 130	3	30
trans-1,3-Dichloropropene			50.0	51.1		ug/L		102	70 - 130	2	30
trans-1,4-Dichloro-2-butene			50.0	51.6		ug/L		103	67 - 120	3	30
Trichloroethene			50.0	50.8		ug/L		102	70 - 130	2	30
Trichlorofluoromethane			50.0	51.2		ug/L		102	63 - 142	4	30
Vinyl acetate			100	164	J2	ug/L		164	67 - 135	2	30
Vinyl chloride			50.0	46.3		ug/L		93	66 - 129	1	30
Xylenes (total)			100	99.9		ug/L		100	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 124*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 680-831273/8
Matrix: Water
Analysis Batch: 831273

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.36	ug/L			04/04/24 11:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/04/24 11:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/04/24 11:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/04/24 11:50	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			04/04/24 11:50	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			04/04/24 11:50	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/04/24 11:50	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/04/24 11:50	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/04/24 11:50	1

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

Lab Sample ID: MB 680-831273/8
Matrix: Water
Analysis Batch: 831273

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 11:50	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			04/04/24 11:50	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/04/24 11:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 11:50	1
2-Butanone	10	U	10	6.4	ug/L			04/04/24 11:50	1
2-Hexanone	10	U	10	3.2	ug/L			04/04/24 11:50	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			04/04/24 11:50	1
Acetone	20	U	20	3.7	ug/L			04/04/24 11:50	1
Acrylonitrile	20	U	20	5.5	ug/L			04/04/24 11:50	1
Benzene	1.0	U	1.0	0.27	ug/L			04/04/24 11:50	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/04/24 11:50	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/04/24 11:50	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/04/24 11:50	1
Bromomethane	5.0	U	5.0	3.7	ug/L			04/04/24 11:50	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/04/24 11:50	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/04/24 11:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/04/24 11:50	1
Chloroethane	5.0	U	5.0	4.6	ug/L			04/04/24 11:50	1
Chloroform	1.0	U	1.0	0.27	ug/L			04/04/24 11:50	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/04/24 11:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			04/04/24 11:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/04/24 11:50	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/04/24 11:50	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/04/24 11:50	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			04/04/24 11:50	1
Iodomethane	10	U	10	3.9	ug/L			04/04/24 11:50	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/04/24 11:50	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/04/24 11:50	1
o-Xylene	1.0	U	1.0	0.26	ug/L			04/04/24 11:50	1
Styrene	1.0	U	1.0	0.27	ug/L			04/04/24 11:50	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			04/04/24 11:50	1
Toluene	1.0	U	1.0	0.25	ug/L			04/04/24 11:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			04/04/24 11:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/04/24 11:50	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/04/24 11:50	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			04/04/24 11:50	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/04/24 11:50	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			04/04/24 11:50	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			04/04/24 11:50	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			04/04/24 11:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*75*		*60 - 124*		*04/04/24 11:50*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*04/04/24 11:50*	*1*
Dibromofluoromethane (Surr)	*84*		*70 - 130*		*04/04/24 11:50*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*04/04/24 11:50*	*1*

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

Lab Sample ID: LCS 680-831273/4
Matrix: Water
Analysis Batch: 831273

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	50.0	45.1		ug/L		90	70 - 130
1,1,1-Trichloroethane	50.0	54.7		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/L		100	70 - 130
1,1,2-Trichloroethane	50.0	47.7		ug/L		95	70 - 130
1,1-Dichloroethane	50.0	45.7		ug/L		91	70 - 130
1,1-Dichloroethene	50.0	44.8		ug/L		90	70 - 130
1,2,3-Trichloropropane	50.0	47.8		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	48.1		ug/L		96	70 - 130
1,2-Dibromoethane	50.0	48.2		ug/L		96	70 - 130
1,2-Dichlorobenzene	50.0	53.0		ug/L		106	70 - 130
1,2-Dichloroethane	50.0	48.3		ug/L		97	70 - 130
1,2-Dichloropropane	50.0	53.2		ug/L		106	70 - 130
1,4-Dichlorobenzene	50.0	52.8		ug/L		106	70 - 130
2-Butanone	250	207		ug/L		83	69 - 120
2-Hexanone	250	259		ug/L		103	70 - 130
4-Methyl-2-pentanone	250	252		ug/L		101	68 - 120
Acetone	250	199		ug/L		79	67 - 120
Acrylonitrile	500	430		ug/L		86	70 - 130
Benzene	50.0	51.6		ug/L		103	70 - 130
Bromochloromethane	50.0	44.5		ug/L		89	70 - 130
Bromodichloromethane	50.0	49.9		ug/L		100	70 - 130
Bromoform	50.0	47.5		ug/L		95	69 - 129
Bromomethane	50.0	52.2		ug/L		104	28 - 192
Carbon disulfide	50.0	44.4		ug/L		89	70 - 130
Carbon tetrachloride	50.0	53.5		ug/L		107	70 - 130
Chlorobenzene	50.0	53.6		ug/L		107	70 - 130
Chloroethane	50.0	43.5		ug/L		87	31 - 213
Chloroform	50.0	45.9		ug/L		92	70 - 130
Chloromethane	50.0	50.6		ug/L		101	59 - 127
cis-1,2-Dichloroethene	50.0	47.4		ug/L		95	70 - 130
cis-1,3-Dichloropropene	50.0	50.5		ug/L		101	70 - 130
Dibromochloromethane	50.0	47.2		ug/L		94	70 - 130
Dibromomethane	50.0	45.5		ug/L		91	70 - 130
Ethylbenzene	50.0	53.6		ug/L		107	70 - 130
Iodomethane	50.0	49.8		ug/L		100	52 - 129
m,p-Xylenes	50.0	53.9		ug/L		108	70 - 130
Methylene Chloride	50.0	45.0		ug/L		90	70 - 130
o-Xylene	50.0	53.7		ug/L		107	70 - 130
Styrene	50.0	54.0		ug/L		108	70 - 130
Tetrachloroethene	50.0	50.6		ug/L		101	70 - 130
Toluene	50.0	48.7		ug/L		97	70 - 130
trans-1,2-Dichloroethene	50.0	48.2		ug/L		96	70 - 130
trans-1,3-Dichloropropene	50.0	48.0		ug/L		96	70 - 130
trans-1,4-Dichloro-2-butene	50.0	46.0		ug/L		92	67 - 120
Trichloroethene	50.0	51.9		ug/L		104	70 - 130
Trichlorofluoromethane	50.0	44.9		ug/L		90	63 - 142
Vinyl acetate	100	133		ug/L		133	67 - 135
Vinyl chloride	50.0	47.4		ug/L		95	66 - 129

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

Lab Sample ID: LCS 680-831273/4
Matrix: Water
Analysis Batch: 831273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Xylenes (total)			100	108		ug/L		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 124*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*92*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 680-831273/5
Matrix: Water
Analysis Batch: 831273

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			50.0	45.7		ug/L		91	70 - 130	1	30
1,1,1-Trichloroethane			50.0	54.1		ug/L		108	70 - 130	1	30
1,1,2,2-Tetrachloroethane			50.0	50.8		ug/L		102	70 - 130	2	30
1,1,2-Trichloroethane			50.0	48.7		ug/L		97	70 - 130	2	30
1,1-Dichloroethane			50.0	44.6		ug/L		89	70 - 130	3	30
1,1-Dichloroethene			50.0	43.3		ug/L		87	70 - 130	4	20
1,2,3-Trichloropropane			50.0	49.0		ug/L		98	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			50.0	49.5		ug/L		99	70 - 130	3	30
1,2-Dibromoethane			50.0	49.7		ug/L		99	70 - 130	3	30
1,2-Dichlorobenzene			50.0	53.4		ug/L		107	70 - 130	1	30
1,2-Dichloroethane			50.0	47.8		ug/L		96	70 - 130	1	50
1,2-Dichloropropane			50.0	53.8		ug/L		108	70 - 130	1	20
1,4-Dichlorobenzene			50.0	53.1		ug/L		106	70 - 130	0	30
2-Butanone			250	217		ug/L		87	69 - 120	5	30
2-Hexanone			250	273		ug/L		109	70 - 130	5	20
4-Methyl-2-pentanone			250	263		ug/L		105	68 - 120	5	30
Acetone			250	206		ug/L		83	67 - 120	4	30
Acrylonitrile			500	448		ug/L		90	70 - 130	4	30
Benzene			50.0	51.4		ug/L		103	70 - 130	0	30
Bromochloromethane			50.0	45.3		ug/L		91	70 - 130	2	30
Bromodichloromethane			50.0	49.9		ug/L		100	70 - 130	0	30
Bromoform			50.0	48.3		ug/L		97	69 - 129	2	30
Bromomethane			50.0	51.4		ug/L		103	28 - 192	2	30
Carbon disulfide			50.0	44.2		ug/L		88	70 - 130	0	30
Carbon tetrachloride			50.0	53.1		ug/L		106	70 - 130	1	30
Chlorobenzene			50.0	53.5		ug/L		107	70 - 130	0	30
Chloroethane			50.0	43.9		ug/L		88	31 - 213	1	30
Chloroform			50.0	44.4		ug/L		89	70 - 130	3	30
Chloromethane			50.0	49.8		ug/L		100	59 - 127	2	30
cis-1,2-Dichloroethene			50.0	46.4		ug/L		93	70 - 130	2	30
cis-1,3-Dichloropropene			50.0	50.9		ug/L		102	70 - 130	1	20
Dibromochloromethane			50.0	47.4		ug/L		95	70 - 130	0	30
Dibromomethane			50.0	45.8		ug/L		92	70 - 130	1	30
Ethylbenzene			50.0	53.8		ug/L		108	70 - 130	1	20
Iodomethane			50.0	49.6		ug/L		99	52 - 129	0	30

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

Lab Sample ID: LCSD 680-831273/5
Matrix: Water
Analysis Batch: 831273

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
m,p-Xylenes			50.0	55.0		ug/L		110	70 - 130	2	30
Methylene Chloride			50.0	45.6		ug/L		91	70 - 130	1	30
o-Xylene			50.0	54.3		ug/L		109	70 - 130	1	30
Styrene			50.0	55.1		ug/L		110	70 - 130	2	30
Tetrachloroethene			50.0	50.7		ug/L		101	70 - 130	0	30
Toluene			50.0	48.1		ug/L		96	70 - 130	1	30
trans-1,2-Dichloroethene			50.0	46.8		ug/L		94	70 - 130	3	30
trans-1,3-Dichloropropene			50.0	48.9		ug/L		98	70 - 130	2	30
trans-1,4-Dichloro-2-butene			50.0	47.6		ug/L		95	67 - 120	3	30
Trichloroethene			50.0	51.8		ug/L		104	70 - 130	0	30
Trichlorofluoromethane			50.0	44.1		ug/L		88	63 - 142	2	30
Vinyl acetate			100	132		ug/L		132	67 - 135	1	30
Vinyl chloride			50.0	46.5		ug/L		93	66 - 129	2	30
Xylenes (total)			100	109		ug/L		109	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 124*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 680-831278/8
Matrix: Water
Analysis Batch: 831278

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.36	ug/L			04/04/24 11:51	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/04/24 11:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/04/24 11:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/04/24 11:51	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			04/04/24 11:51	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			04/04/24 11:51	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/04/24 11:51	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/04/24 11:51	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/04/24 11:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 11:51	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			04/04/24 11:51	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/04/24 11:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/04/24 11:51	1
2-Butanone	10	U	10	6.4	ug/L			04/04/24 11:51	1
2-Hexanone	10	U	10	3.2	ug/L			04/04/24 11:51	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			04/04/24 11:51	1
Acetone	20	U	20	3.7	ug/L			04/04/24 11:51	1
Acrylonitrile	20	U	20	5.5	ug/L			04/04/24 11:51	1
Benzene	1.0	U	1.0	0.27	ug/L			04/04/24 11:51	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/04/24 11:51	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/04/24 11:51	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/04/24 11:51	1

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

Lab Sample ID: MB 680-831278/8
Matrix: Water
Analysis Batch: 831278

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	5.0	U	5.0	3.7	ug/L			04/04/24 11:51	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/04/24 11:51	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/04/24 11:51	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/04/24 11:51	1
Chloroethane	5.0	U	5.0	4.6	ug/L			04/04/24 11:51	1
Chloroform	1.0	U	1.0	0.27	ug/L			04/04/24 11:51	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/04/24 11:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			04/04/24 11:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/04/24 11:51	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/04/24 11:51	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/04/24 11:51	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			04/04/24 11:51	1
Iodomethane	10	U	10	3.9	ug/L			04/04/24 11:51	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/04/24 11:51	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/04/24 11:51	1
o-Xylene	1.0	U	1.0	0.26	ug/L			04/04/24 11:51	1
Styrene	1.0	U	1.0	0.27	ug/L			04/04/24 11:51	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			04/04/24 11:51	1
Toluene	1.0	U	1.0	0.25	ug/L			04/04/24 11:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			04/04/24 11:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/04/24 11:51	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/04/24 11:51	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			04/04/24 11:51	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/04/24 11:51	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			04/04/24 11:51	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			04/04/24 11:51	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			04/04/24 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*60 - 124*		*04/04/24 11:51*	*1*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*		*04/04/24 11:51*	*1*
Dibromofluoromethane (Surr)	*88*		*70 - 130*		*04/04/24 11:51*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*04/04/24 11:51*	*1*

Lab Sample ID: LCS 680-831278/4
Matrix: Water
Analysis Batch: 831278

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	50.0	54.4		ug/L		109	70 - 130
1,1,1-Trichloroethane	50.0	49.3		ug/L		99	70 - 130
1,1,2,2-Tetrachloroethane	50.0	53.9		ug/L		108	70 - 130
1,1,2-Trichloroethane	50.0	52.6		ug/L		105	70 - 130
1,1-Dichloroethane	50.0	49.3		ug/L		99	70 - 130
1,1-Dichloroethene	50.0	49.2		ug/L		98	70 - 130
1,2,3-Trichloropropane	50.0	47.8		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	50.2		ug/L		100	70 - 130
1,2-Dibromoethane	50.0	46.9		ug/L		94	70 - 130

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

Lab Sample ID: LCS 680-831278/4
Matrix: Water
Analysis Batch: 831278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	50.0	52.6		ug/L		105	70 - 130
1,2-Dichloroethane	50.0	52.4		ug/L		105	70 - 130
1,2-Dichloropropane	50.0	51.8		ug/L		104	70 - 130
1,4-Dichlorobenzene	50.0	52.4		ug/L		105	70 - 130
2-Butanone	250	253		ug/L		101	69 - 120
2-Hexanone	250	212		ug/L		85	70 - 130
4-Methyl-2-pentanone	250	250		ug/L		100	68 - 120
Acetone	250	270		ug/L		108	67 - 120
Acrylonitrile	500	501		ug/L		100	70 - 130
Benzene	50.0	58.2		ug/L		116	70 - 130
Bromochloromethane	50.0	46.1		ug/L		92	70 - 130
Bromodichloromethane	50.0	43.8		ug/L		88	70 - 130
Bromoform	50.0	46.0		ug/L		92	69 - 129
Bromomethane	50.0	61.7		ug/L		123	28 - 192
Carbon disulfide	50.0	56.7		ug/L		113	70 - 130
Carbon tetrachloride	50.0	50.8		ug/L		102	70 - 130
Chlorobenzene	50.0	49.8		ug/L		100	70 - 130
Chloroethane	50.0	76.8		ug/L		154	31 - 213
Chloroform	50.0	50.1		ug/L		100	70 - 130
Chloromethane	50.0	52.6		ug/L		105	59 - 127
cis-1,2-Dichloroethene	50.0	52.9		ug/L		106	70 - 130
cis-1,3-Dichloropropene	50.0	48.2		ug/L		96	70 - 130
Dibromochloromethane	50.0	45.5		ug/L		91	70 - 130
Dibromomethane	50.0	47.0		ug/L		94	70 - 130
Ethylbenzene	50.0	57.0		ug/L		114	70 - 130
Iodomethane	50.0	45.5		ug/L		91	52 - 129
m,p-Xylenes	50.0	55.3		ug/L		111	70 - 130
Methylene Chloride	50.0	45.3		ug/L		91	70 - 130
o-Xylene	50.0	55.3		ug/L		111	70 - 130
Styrene	50.0	53.8		ug/L		108	70 - 130
Tetrachloroethene	50.0	42.5		ug/L		85	70 - 130
Toluene	50.0	48.0		ug/L		96	70 - 130
trans-1,2-Dichloroethene	50.0	50.1		ug/L		100	70 - 130
trans-1,3-Dichloropropene	50.0	49.1		ug/L		98	70 - 130
trans-1,4-Dichloro-2-butene	50.0	59.0		ug/L		118	67 - 120
Trichloroethene	50.0	46.2		ug/L		92	70 - 130
Trichlorofluoromethane	50.0	66.0		ug/L		132	63 - 142
Vinyl acetate	100	120		ug/L		120	67 - 135
Vinyl chloride	50.0	59.4		ug/L		119	66 - 129
Xylenes (total)	100	111		ug/L		111	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 124*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*

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

Lab Sample ID: LCSD 680-831278/5
Matrix: Water
Analysis Batch: 831278

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			50.0	54.1		ug/L		108	70 - 130	1	30
1,1,1-Trichloroethane			50.0	49.9		ug/L		100	70 - 130	1	30
1,1,2,2-Tetrachloroethane			50.0	54.5		ug/L		109	70 - 130	1	30
1,1,2-Trichloroethane			50.0	52.9		ug/L		106	70 - 130	0	30
1,1-Dichloroethane			50.0	49.2		ug/L		98	70 - 130	0	30
1,1-Dichloroethene			50.0	48.4		ug/L		97	70 - 130	2	20
1,2,3-Trichloropropane			50.0	49.8		ug/L		100	70 - 130	4	30
1,2-Dibromo-3-Chloropropane			50.0	50.6		ug/L		101	70 - 130	1	30
1,2-Dibromoethane			50.0	47.7		ug/L		95	70 - 130	2	30
1,2-Dichlorobenzene			50.0	52.7		ug/L		105	70 - 130	0	30
1,2-Dichloroethane			50.0	53.7		ug/L		107	70 - 130	3	50
1,2-Dichloropropane			50.0	52.5		ug/L		105	70 - 130	1	20
1,4-Dichlorobenzene			50.0	52.6		ug/L		105	70 - 130	0	30
2-Butanone			250	250		ug/L		100	69 - 120	1	30
2-Hexanone			250	219		ug/L		88	70 - 130	3	20
4-Methyl-2-pentanone			250	259		ug/L		103	68 - 120	3	30
Acetone			250	279		ug/L		112	67 - 120	3	30
Acrylonitrile			500	513		ug/L		103	70 - 130	3	30
Benzene			50.0	59.2		ug/L		118	70 - 130	2	30
Bromochloromethane			50.0	45.8		ug/L		92	70 - 130	0	30
Bromodichloromethane			50.0	45.2		ug/L		90	70 - 130	3	30
Bromoform			50.0	47.3		ug/L		95	69 - 129	3	30
Bromomethane			50.0	63.5		ug/L		127	28 - 192	3	30
Carbon disulfide			50.0	55.7		ug/L		111	70 - 130	2	30
Carbon tetrachloride			50.0	51.4		ug/L		103	70 - 130	1	30
Chlorobenzene			50.0	50.6		ug/L		101	70 - 130	2	30
Chloroethane			50.0	84.4		ug/L		169	31 - 213	9	30
Chloroform			50.0	50.4		ug/L		101	70 - 130	1	30
Chloromethane			50.0	52.4		ug/L		105	59 - 127	0	30
cis-1,2-Dichloroethene			50.0	53.4		ug/L		107	70 - 130	1	30
cis-1,3-Dichloropropene			50.0	48.7		ug/L		97	70 - 130	1	20
Dibromochloromethane			50.0	46.2		ug/L		92	70 - 130	1	30
Dibromomethane			50.0	48.5		ug/L		97	70 - 130	3	30
Ethylbenzene			50.0	56.7		ug/L		113	70 - 130	0	20
Iodomethane			50.0	45.8		ug/L		92	52 - 129	0	30
m,p-Xylenes			50.0	54.7		ug/L		109	70 - 130	1	30
Methylene Chloride			50.0	46.0		ug/L		92	70 - 130	2	30
o-Xylene			50.0	54.6		ug/L		109	70 - 130	1	30
Styrene			50.0	53.4		ug/L		107	70 - 130	1	30
Tetrachloroethene			50.0	42.6		ug/L		85	70 - 130	0	30
Toluene			50.0	48.6		ug/L		97	70 - 130	1	30
trans-1,2-Dichloroethene			50.0	50.2		ug/L		100	70 - 130	0	30
trans-1,3-Dichloropropene			50.0	50.0		ug/L		100	70 - 130	2	30
trans-1,4-Dichloro-2-butene			50.0	62.4	J2	ug/L		125	67 - 120	6	30
Trichloroethene			50.0	47.7		ug/L		95	70 - 130	3	30
Trichlorofluoromethane			50.0	65.4		ug/L		131	63 - 142	1	30
Vinyl acetate			100	120		ug/L		120	67 - 135	0	30
Vinyl chloride			50.0	59.7		ug/L		119	66 - 129	0	30

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

Lab Sample ID: LCSD 680-831278/5
Matrix: Water
Analysis Batch: 831278

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
Xylenes (total)			100	109		ug/L		109	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*60 - 124*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*91*		*70 - 130*

Lab Sample ID: MB 680-831465/10
Matrix: Water
Analysis Batch: 831465

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.36	ug/L			04/05/24 12:12	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			04/05/24 12:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			04/05/24 12:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			04/05/24 12:12	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			04/05/24 12:12	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			04/05/24 12:12	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			04/05/24 12:12	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			04/05/24 12:12	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			04/05/24 12:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/05/24 12:12	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			04/05/24 12:12	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			04/05/24 12:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			04/05/24 12:12	1
2-Butanone	10	U	10	6.4	ug/L			04/05/24 12:12	1
2-Hexanone	10	U	10	3.2	ug/L			04/05/24 12:12	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			04/05/24 12:12	1
Acetone	11.5	J	20	3.7	ug/L			04/05/24 12:12	1
Acrylonitrile	20	U	20	5.5	ug/L			04/05/24 12:12	1
Benzene	1.0	U	1.0	0.27	ug/L			04/05/24 12:12	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			04/05/24 12:12	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			04/05/24 12:12	1
Bromoform	1.0	U	1.0	0.59	ug/L			04/05/24 12:12	1
Bromomethane	5.0	U	5.0	3.7	ug/L			04/05/24 12:12	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			04/05/24 12:12	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			04/05/24 12:12	1
Chlorobenzene	1.03		1.0	0.15	ug/L			04/05/24 12:12	1
Chloroethane	5.0	U	5.0	4.6	ug/L			04/05/24 12:12	1
Chloroform	1.0	U	1.0	0.27	ug/L			04/05/24 12:12	1
Chloromethane	1.0	U	1.0	0.54	ug/L			04/05/24 12:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			04/05/24 12:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			04/05/24 12:12	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			04/05/24 12:12	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			04/05/24 12:12	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			04/05/24 12:12	1
Iodomethane	10	U	10	3.9	ug/L			04/05/24 12:12	1

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

Lab Sample ID: MB 680-831465/10
Matrix: Water
Analysis Batch: 831465

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			04/05/24 12:12	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			04/05/24 12:12	1
o-Xylene	1.0	U	1.0	0.26	ug/L			04/05/24 12:12	1
Styrene	1.0	U	1.0	0.27	ug/L			04/05/24 12:12	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			04/05/24 12:12	1
Toluene	1.0	U	1.0	0.25	ug/L			04/05/24 12:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			04/05/24 12:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			04/05/24 12:12	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			04/05/24 12:12	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			04/05/24 12:12	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			04/05/24 12:12	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			04/05/24 12:12	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			04/05/24 12:12	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			04/05/24 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 124*		*04/05/24 12:12*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*04/05/24 12:12*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*04/05/24 12:12*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*04/05/24 12:12*	*1*

Lab Sample ID: LCS 680-831465/6
Matrix: Water
Analysis Batch: 831465

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	50.0	53.6		ug/L		107	70 - 130
1,1,1-Trichloroethane	50.0	47.2		ug/L		94	70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.3		ug/L		93	70 - 130
1,1,2-Trichloroethane	50.0	50.5		ug/L		101	70 - 130
1,1-Dichloroethane	50.0	46.3		ug/L		93	70 - 130
1,1-Dichloroethene	50.0	53.6		ug/L		107	70 - 130
1,2,3-Trichloropropane	50.0	55.3		ug/L		111	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	38.7		ug/L		77	70 - 130
1,2-Dibromoethane	50.0	53.2		ug/L		106	70 - 130
1,2-Dichlorobenzene	50.0	49.5		ug/L		99	70 - 130
1,2-Dichloroethane	50.0	45.2		ug/L		90	70 - 130
1,2-Dichloropropane	50.0	48.7		ug/L		97	70 - 130
1,4-Dichlorobenzene	50.0	51.5		ug/L		103	70 - 130
2-Butanone	250	242		ug/L		97	69 - 120
2-Hexanone	250	219		ug/L		88	70 - 130
4-Methyl-2-pentanone	250	232		ug/L		93	68 - 120
Acetone	250	231		ug/L		93	67 - 120
Acrylonitrile	500	452		ug/L		90	70 - 130
Benzene	50.0	50.8		ug/L		102	70 - 130
Bromochloromethane	50.0	51.7		ug/L		103	70 - 130
Bromodichloromethane	50.0	44.2		ug/L		88	70 - 130
Bromoform	50.0	51.6		ug/L		103	69 - 129

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

Lab Sample ID: LCS 680-831465/6
Matrix: Water
Analysis Batch: 831465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromomethane			50.0	62.4		ug/L		125	28 - 192		
Carbon disulfide			50.0	53.9		ug/L		108	70 - 130		
Carbon tetrachloride			50.0	48.6		ug/L		97	70 - 130		
Chlorobenzene			50.0	53.5		ug/L		107	70 - 130		
Chloroethane			50.0	55.2		ug/L		110	31 - 213		
Chloroform			50.0	44.8		ug/L		90	70 - 130		
Chloromethane			50.0	46.2		ug/L		92	59 - 127		
cis-1,2-Dichloroethene			50.0	45.1		ug/L		90	70 - 130		
cis-1,3-Dichloropropene			50.0	49.5		ug/L		99	70 - 130		
Dibromochloromethane			50.0	50.7		ug/L		101	70 - 130		
Dibromomethane			50.0	48.1		ug/L		96	70 - 130		
Ethylbenzene			50.0	50.3		ug/L		101	70 - 130		
Iodomethane			50.0	51.8		ug/L		104	52 - 129		
m,p-Xylenes			50.0	51.3		ug/L		103	70 - 130		
Methylene Chloride			50.0	45.9		ug/L		92	70 - 130		
o-Xylene			50.0	52.2		ug/L		104	70 - 130		
Styrene			50.0	56.4		ug/L		113	70 - 130		
Tetrachloroethene			50.0	56.7		ug/L		113	70 - 130		
Toluene			50.0	51.0		ug/L		102	70 - 130		
trans-1,2-Dichloroethene			50.0	50.1		ug/L		100	70 - 130		
trans-1,3-Dichloropropene			50.0	49.9		ug/L		100	70 - 130		
trans-1,4-Dichloro-2-butene			50.0	47.9		ug/L		96	67 - 120		
Trichloroethene			50.0	53.8		ug/L		108	70 - 130		
Trichlorofluoromethane			50.0	63.3		ug/L		127	63 - 142		
Vinyl acetate			100	74.8		ug/L		75	67 - 135		
Xylenes (total)			100	104		ug/L		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 124*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 680-831465/7
Matrix: Water
Analysis Batch: 831465

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			50.0	53.6		ug/L		107	70 - 130	0	30
1,1,1-Trichloroethane			50.0	46.1		ug/L		92	70 - 130	2	30
1,1,2,2-Tetrachloroethane			50.0	46.8		ug/L		94	70 - 130	1	30
1,1,2-Trichloroethane			50.0	51.1		ug/L		102	70 - 130	1	30
1,1-Dichloroethane			50.0	46.8		ug/L		94	70 - 130	1	30
1,1-Dichloroethene			50.0	53.7		ug/L		107	70 - 130	0	20
1,2,3-Trichloropropane			50.0	56.4		ug/L		113	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			50.0	39.4		ug/L		79	70 - 130	2	30
1,2-Dibromoethane			50.0	55.2		ug/L		110	70 - 130	4	30
1,2-Dichlorobenzene			50.0	50.0		ug/L		100	70 - 130	1	30

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

Lab Sample ID: LCSD 680-831465/7
Matrix: Water
Analysis Batch: 831465

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
1,2-Dichloroethane			50.0	46.4		ug/L		93	70 - 130	3	50
1,2-Dichloropropane			50.0	48.1		ug/L		96	70 - 130	1	20
1,4-Dichlorobenzene			50.0	51.1		ug/L		102	70 - 130	1	30
2-Butanone			250	242		ug/L		97	69 - 120	0	30
2-Hexanone			250	231		ug/L		92	70 - 130	5	20
4-Methyl-2-pentanone			250	240		ug/L		96	68 - 120	3	30
Acetone			250	248		ug/L		99	67 - 120	7	30
Acrylonitrile			500	476		ug/L		95	70 - 130	5	30
Benzene			50.0	50.2		ug/L		100	70 - 130	1	30
Bromochloromethane			50.0	53.4		ug/L		107	70 - 130	3	30
Bromodichloromethane			50.0	43.1		ug/L		86	70 - 130	3	30
Bromoform			50.0	52.7		ug/L		105	69 - 129	2	30
Bromomethane			50.0	63.3		ug/L		127	28 - 192	1	30
Carbon disulfide			50.0	53.8		ug/L		108	70 - 130	0	30
Carbon tetrachloride			50.0	47.8		ug/L		96	70 - 130	2	30
Chlorobenzene			50.0	53.2		ug/L		106	70 - 130	1	30
Chloroethane			50.0	54.8		ug/L		110	31 - 213	1	30
Chloroform			50.0	45.4		ug/L		91	70 - 130	1	30
Chloromethane			50.0	47.3		ug/L		95	59 - 127	2	30
cis-1,2-Dichloroethene			50.0	46.4		ug/L		93	70 - 130	3	30
cis-1,3-Dichloropropene			50.0	49.5		ug/L		99	70 - 130	0	20
Dibromochloromethane			50.0	51.0		ug/L		102	70 - 130	1	30
Dibromomethane			50.0	50.2		ug/L		100	70 - 130	4	30
Ethylbenzene			50.0	50.4		ug/L		101	70 - 130	0	20
Iodomethane			50.0	52.0		ug/L		104	52 - 129	0	30
m,p-Xylenes			50.0	51.3		ug/L		103	70 - 130	0	30
Methylene Chloride			50.0	47.2		ug/L		94	70 - 130	3	30
o-Xylene			50.0	52.5		ug/L		105	70 - 130	1	30
Styrene			50.0	56.5		ug/L		113	70 - 130	0	30
Tetrachloroethene			50.0	56.2		ug/L		112	70 - 130	1	30
Toluene			50.0	51.7		ug/L		103	70 - 130	1	30
trans-1,2-Dichloroethene			50.0	50.3		ug/L		101	70 - 130	1	30
trans-1,3-Dichloropropene			50.0	50.0		ug/L		100	70 - 130	0	30
trans-1,4-Dichloro-2-butene			50.0	47.9		ug/L		96	67 - 120	0	30
Trichloroethene			50.0	53.3		ug/L		107	70 - 130	1	30
Trichlorofluoromethane			50.0	63.6		ug/L		127	63 - 142	1	30
Vinyl acetate			100	71.8		ug/L		72	67 - 135	4	30
Xylenes (total)			100	104		ug/L		104	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 124*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

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

Lab Sample ID: MB 680-831625/5
Matrix: Water
Analysis Batch: 831625

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	0.50	U	0.50	0.32	ug/L			04/06/24 17:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*46 - 154*		*04/06/24 17:51*	*1*

Lab Sample ID: LCS 680-831625/3
Matrix: Water
Analysis Batch: 831625

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	5.05		ug/L		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*46 - 154*

Lab Sample ID: LCSD 680-831625/4
Matrix: Water
Analysis Batch: 831625

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	4.62		ug/L		92	70 - 130	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*46 - 154*

Lab Sample ID: MB 680-831709/5
Matrix: Water
Analysis Batch: 831709

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	0.50	U	0.50	0.32	ug/L			04/07/24 12:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*46 - 154*		*04/07/24 12:13*	*1*

Lab Sample ID: LCS 680-831709/4
Matrix: Water
Analysis Batch: 831709

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	4.99		ug/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*46 - 154*

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

Lab Sample ID: LCSD 680-831709/6
Matrix: Water
Analysis Batch: 831709

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	4.91		ug/L		98	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*46 - 154*

Lab Sample ID: MB 680-831722/6
Matrix: Water
Analysis Batch: 831722

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	0.50	U	0.50	0.32	ug/L			04/08/24 05:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*46 - 154*		*04/08/24 05:21*	*1*

Lab Sample ID: LCS 680-831722/4
Matrix: Water
Analysis Batch: 831722

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	4.63		ug/L		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*46 - 154*

GC/MS VOA

Analysis Batch: 831101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-248614-1	AW-3	Total/NA	Surface Water	8260D	
680-248614-2	AWB-4	Total/NA	Surface Water	8260D	
680-248614-3	SW-1	Total/NA	Surface Water	8260D	
680-248614-8	Trip Blank	Total/NA	Water	8260D	
MB 680-831101/8	Method Blank	Total/NA	Water	8260D	
LCS 680-831101/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-831101/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 831273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-248614-1 - DL	AW-3	Total/NA	Surface Water	8260D	
680-248614-4	SW-2	Total/NA	Surface Water	8260D	
680-248614-5	SW-3	Total/NA	Surface Water	8260D	
680-248614-6	SW-4	Total/NA	Surface Water	8260D	
680-248614-7	SW-5	Total/NA	Surface Water	8260D	
MB 680-831273/8	Method Blank	Total/NA	Water	8260D	
LCS 680-831273/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-831273/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 831278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-248614-2 - DL	AWB-4	Total/NA	Surface Water	8260D	
MB 680-831278/8	Method Blank	Total/NA	Water	8260D	
LCS 680-831278/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-831278/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 831465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-248614-2	AWB-4	Total/NA	Surface Water	8260D	
680-248614-3	SW-1	Total/NA	Surface Water	8260D	
MB 680-831465/10	Method Blank	Total/NA	Water	8260D	
LCS 680-831465/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-831465/7	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 831625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-248614-1	AW-3	Total/NA	Surface Water	8260D SIM 14D	
680-248614-2	AWB-4	Total/NA	Surface Water	8260D SIM 14D	
680-248614-3	SW-1	Total/NA	Surface Water	8260D SIM 14D	
680-248614-6	SW-4	Total/NA	Surface Water	8260D SIM 14D	
680-248614-9	Trip Blank	Total/NA	Water	8260D SIM 14D	
MB 680-831625/5	Method Blank	Total/NA	Water	8260D SIM 14D	
LCS 680-831625/3	Lab Control Sample	Total/NA	Water	8260D SIM 14D	
LCSD 680-831625/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM 14D	

Analysis Batch: 831709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-248614-4	SW-2	Total/NA	Surface Water	8260D SIM 14D	
MB 680-831709/5	Method Blank	Total/NA	Water	8260D SIM 14D	
LCS 680-831709/4	Lab Control Sample	Total/NA	Water	8260D SIM 14D	
LCSD 680-831709/6	Lab Control Sample Dup	Total/NA	Water	8260D SIM 14D	

QC Association Summary

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

GC/MS VOA

Analysis Batch: 831722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-248614-5	SW-3	Total/NA	Surface Water	8260D SIM 14D	
680-248614-7	SW-5	Total/NA	Surface Water	8260D SIM 14D	
MB 680-831722/6	Method Blank	Total/NA	Water	8260D SIM 14D	
LCS 680-831722/4	Lab Control Sample	Total/NA	Water	8260D SIM 14D	

Client Sample ID: AW-3
Lab Sample ID: 680-248614-1
Date Collected: 03/26/24 10:20
Matrix: Surface Water
Date Received: 03/27/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	831101	04/03/24 19:48	Y1S	EET SAV
	Instrument ID: CMSC									
Total/NA	Analysis	8260D	DL	5	5 mL	5 mL	831273	04/04/24 18:50	Y1S	EET SAV
	Instrument ID: CMSC									
Total/NA	Analysis	8260D SIM 14D		50	10 mL	10 mL	831625	04/07/24 03:03	AA	EET SAV
	Instrument ID: CMSAK									

Client Sample ID: AWB-4
Lab Sample ID: 680-248614-2
Date Collected: 03/26/24 09:55
Matrix: Surface Water
Date Received: 03/27/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		10	5 mL	5 mL	831465	04/05/24 18:29	MLL	EET SAV
	Instrument ID: CMSAB									
Total/NA	Analysis	8260D		1	5 mL	5 mL	831101	04/03/24 20:10	Y1S	EET SAV
	Instrument ID: CMSC									
Total/NA	Analysis	8260D	DL	10	5 mL	5 mL	831278	04/04/24 19:42	P1C	EET SAV
	Instrument ID: CMSU									
Total/NA	Analysis	8260D SIM 14D		100	10 mL	10 mL	831625	04/07/24 03:29	AA	EET SAV
	Instrument ID: CMSAK									

Client Sample ID: SW-1
Lab Sample ID: 680-248614-3
Date Collected: 03/26/24 07:50
Matrix: Surface Water
Date Received: 03/27/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	831465	04/05/24 13:54	MLL	EET SAV
	Instrument ID: CMSAB									
Total/NA	Analysis	8260D		1	5 mL	5 mL	831101	04/03/24 20:32	Y1S	EET SAV
	Instrument ID: CMSC									
Total/NA	Analysis	8260D SIM 14D		1	10 mL	10 mL	831625	04/06/24 20:14	AA	EET SAV
	Instrument ID: CMSAK									

Client Sample ID: SW-2
Lab Sample ID: 680-248614-4
Date Collected: 03/26/24 08:05
Matrix: Surface Water
Date Received: 03/27/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	831273	04/04/24 14:19	Y1S	EET SAV
	Instrument ID: CMSC									
Total/NA	Analysis	8260D SIM 14D		1	10 mL	10 mL	831709	04/07/24 13:30	AA	EET SAV
	Instrument ID: CMSAK									

Lab Chronicle

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Client Sample ID: SW-3
Lab Sample ID: 680-248614-5
Date Collected: 03/26/24 08:30
Matrix: Surface Water
Date Received: 03/27/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	831273	04/04/24 14:42	Y1S	EET SAV
	Instrument ID: CMSC									
Total/NA	Analysis	8260D SIM 14D		1	10 mL	10 mL	831722	04/08/24 05:56	AA	EET SAV
	Instrument ID: CMSAK									

Client Sample ID: SW-4
Lab Sample ID: 680-248614-6
Date Collected: 03/26/24 09:15
Matrix: Surface Water
Date Received: 03/27/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	831273	04/04/24 15:04	Y1S	EET SAV
	Instrument ID: CMSC									
Total/NA	Analysis	8260D SIM 14D		50	10 mL	10 mL	831625	04/06/24 21:31	AA	EET SAV
	Instrument ID: CMSAK									

Client Sample ID: SW-5
Lab Sample ID: 680-248614-7
Date Collected: 03/26/24 08:20
Matrix: Surface Water
Date Received: 03/27/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	831273	04/04/24 15:26	Y1S	EET SAV
	Instrument ID: CMSC									
Total/NA	Analysis	8260D SIM 14D		1	10 mL	10 mL	831722	04/08/24 06:21	AA	EET SAV
	Instrument ID: CMSAK									

Client Sample ID: Trip Blank
Lab Sample ID: 680-248614-8
Date Collected: 03/26/24 00:00
Matrix: Water
Date Received: 03/27/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	831101	04/03/24 16:26	Y1S	EET SAV
	Instrument ID: CMSC									

Client Sample ID: Trip Blank
Lab Sample ID: 680-248614-9
Date Collected: 03/26/24 00:00
Matrix: Water
Date Received: 03/27/24 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D SIM 14D		1	10 mL	10 mL	831625	04/06/24 18:16	AA	EET SAV
	Instrument ID: CMSAK									

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

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Ronald Batton	Lab PM: Andros, John	Carrier Tracking No(s):	COC No: 680-152304-55035.1
Client Contact: Gary Babb	Phone: 336-306-0175	E-Mail: John.Andros@et.eurofinsus.com	State of Origin: NC	Page: Page 1 of 1
Company: Babb & Associates	PWSID:			Job #:
Address: 5506 Bradford Pear Court	Due Date Requested:			
City: Raleigh	TAT Requested (days):			
State, Zip: NC, 27606	Compliance Project: Δ Yes Δ No			
Phone: 919-605-4713(Tel)	PO #: Purchase Order not required			
Email: gbabb@nc.rr.com	WO #:			
Project Name: Seaboard - Quarterly Surface Wa	Project #: 68024012			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	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 - Appendix 1 VOCs	8260D_SIM_14DX - 1,4-Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
AW-3	3-26-24	1020	G							5 VOA's
AW-3-4	3-26-24	0855	G							
SW-1	3-26-24	0750	G							
SW-2	3-26-24	0805	G							
SW-3	3-26-24	0830	G							
SW-4	3-26-24	0915	G							
SW-5	3-26-24	0820	G							

680-248614 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Russell Batton	3-26-24 / 1230			3/27/24 1017	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		1.1/1.1

Login Sample Receipt Checklist

Client: Babb & Associates

Job Number: 680-248614-1

Login Number: 248614
List Number: 1
Creator: Johnson, Corey M

List Source: Eurofins Savannah

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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Babb & Associates
Job ID: 680-248614-1
Project/Site: Seaboard- Quarterly Surface Waters

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-24