

SEABOARD GROUP II AND THE CITY OF HIGH POINT

January 16, 2024

Mr. Eric B. Aufderhaar, P.G., Environmental Program Consultant
Ms. Jackie Drummond, Hydrogeologist
NC Division of Waste Management
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Re: 2023 Annual Water Quality Monitoring Report
Former Seaboard Chemical/Riverdale Drive Landfill Site
Jamestown, North Carolina
EPA ID No. NCD 071 574 164
NC DEQ Landfill Permit No. 41-01

Dear Eric and Jackie:

Please find attached the 2023 Annual Water Quality Monitoring Report for the former Seaboard Chemical/Riverdale Drive Landfill Site in Jamestown, North Carolina.

If there are any questions or comments regarding this report, please contact the undersigned at (919) 605-4719.

Respectfully,

Babb & Associates, P.A.



Gary D. Babb, P.G.
President

Enclosure



Cc: Craig Coslett
Mike Spencer

DENR USE ONLY:☐ Paper Report☐ Electronic Data - Email CD (data loaded: Yes / No)

Doc/Event #:

NC DENR

Division of Waste Management - Solid Waste

**Environmental Monitoring
Reporting Form**

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i)).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information**Name of entity submitting data (laboratory, consultant, facility owner):**

Babb & Associates, P.A.

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Gary D. Babb

Phone: 919-605-4719

E-mail: gdbabb@gmail.com

Facility name:

Facility Address:

Facility Permit #

NC Landfill Rule:
(.0500 or .1600)Actual sampling dates (e.g.,
October 20-24, 2006)

Closed Riverdale Drive Landfill

5899 Riverdale Drive
Jamestown, NC

41-01

.0500

November 27-30, 2023

Environmental Status: (Check all that apply)☐ Initial/Background Monitoring ☐ Detection Monitoring ☐ Assessment Monitoring ☒ Corrective Action**Type of data submitted: (Check all that apply)**

☒ Groundwater monitoring data from monitoring wells	☐ Methane gas monitoring data
☐ Groundwater monitoring data from private water supply wells	☒ Corrective action data (specify) <u>Annual Monitoring</u>
☐ Leachate monitoring data	☐ Other(specify) _____
☒ Surface water monitoring data	

Notification attached?

- ☐ No. No groundwater or surface water standards were exceeded.
- ☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
- ☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Gary D. Babb

Licensed Geologist

919-605-4719

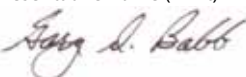
Facility Representative Name (Print)

Title

(Area Code) Telephone Number

Affix NC Licensed/ Professional Geologist Seal

Signature



January 2, 2024

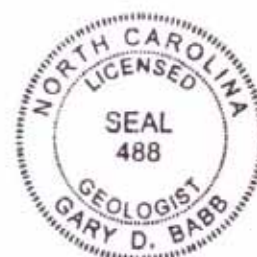
Date

Babb & Associates, P.A., 5506 Bradford Pear Ct, Raleigh, NC 27606

Facility Representative Address

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009



Water Quality Monitoring Report

Former Seaboard Chemical/Riverdale Drive Landfill
5899 Riverdale Drive
Jamestown, North Carolina
Permit No. 41-01
NCD 071 574 164

Prepared for:

Seaboard Group II and City of High Point
High Point, NC

Prepared by:

Babb & Associates, P.A.
5506 Bradford Pear Court
Raleigh, North Carolina 27606

November 2023



Gary D. Babb, Licensed Geologist



Babb & Associates, P.A.

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1.0 Introduction

The former Seaboard Chemical/Riverdale Drive Landfill Site (Site) is located approximately five miles east-southeast of High Point, NC near the intersection of Riverdale Drive and Interstate 85 (Figure 1). The Site consists of two properties, the former Seaboard Chemical Corporation facility and the closed municipal Riverdale Drive Landfill, as shown on Figures 2 and 3.

2.0 Site Geology

The Site is located in the central Piedmont Physiographic Province in the northern portion of the Carolina Slate Belt. Granite is the predominant rock type in the area and outcrops are observed along the creeks and within the Site. The granitic rock consists of a light tan to pinkish white, medium to coarse grained porphyritic granite with abundant quartz, potassium feldspar and mica. Mafic dikes intrude the granitic rock which trend in a north-northeast direction.

The geology at the Site was fully evaluated during the Remedial Investigation /Feasibility Study which was completed in October 2000. The full text and figures of this evaluation can be reviewed at the following NCDEQ document portal locations:

RI/FS:Volume 1

<https://edocs.deq.nc.gov/WasteManagement/DocView.aspx?id=1655021&dbid=0&repo=WasteManagement&searchid=dbe35611-6ca6-4c3c-8e5c-f4f07b10865e>

RI/FS: Volumes 2 & 3

<https://edocs.deq.nc.gov/WasteManagement/DocView.aspx?id=1655015&dbid=0&repo=WasteManagement&searchid=dbe35611-6ca6-4c3c-8e5c-f4f07b10865e>

3.0 Sample Locations

The existing groundwater monitoring network consists of 24 monitoring wells which have been selected to evaluate the lateral and vertical extent of the contaminant plume as well as the effectiveness of the groundwater extraction system (Figure 2).

Surface water sampling is conducted at nine surface water locations (Figure 3), which include: three locations along Randleman Lake (SW-6, SW-7, and SW-DRP-2); three locations on the Southern Intermittent Stream (SW-3, SW-4, and SW-5); and two monitoring locations on the Northern Intermittent Stream (SW-1 and SW-2). The Randleman Lake samples are collected at two depths: One foot below water surface and one foot off the bottom of the Lake. Note that surface water monitoring location SW-DRP11 has been removed from the Water Quality Monitoring Program as approved by August 17, 2023 correspondence from the NC DEQ.

The locations of the water quality samples collected during the annual monitoring event are shown on Figure 2 (groundwater) and 3 (surface water). Monitoring well construction information and groundwater elevations for the monitoring wells at the Site are provided on Table 1. Additional monitoring well information, including the latitude/longitude of each groundwater monitoring well location, is provided in Table 5.

4.0 Water Quality Sample Procedures

The 2023 annual groundwater and surface water monitoring activities were conducted at the Site during the period of November 27-30, 2023. The samples of groundwater and surface water were collected in accordance with the approved *Annual Monitoring Plan – 2010* dated March 17, 2010. This monitoring plan is available on the NCDEQ document portal at the following link:

<https://edocs.deq.nc.gov/WasteManagement/DocView.aspx?id=221996&dbid=0&repo=WasteManagement&searchid=5647ca17-404d-4bad-8f2f-5526e30d6faa>

The groundwater and surface water samples were analyzed for VOC compounds by EPA Method 8260D and 1,4-dioxane by EPA Method 8260D SIM. The laboratory performing the water quality analysis is Eurofins Environmental Testing, which is a NC Certified Laboratory. Water quality samples were properly preserved, placed on ice, and transported to the laboratory within the specified holding times for each analysis.

Field parameters (pH, specific conductivity, temperature, and dissolved oxygen) were also measured during sample collection for each groundwater and surface water location using calibrated meters.

5.0 Field and Laboratory Results

5.1 Field Results

Field parameters collected at the time of sample collection are generally consistent with previous sampling events. The field parameters are summarized for each sample location on Table 4 of this report.

The depth to groundwater was measured in the 24 compliance monitoring wells and the elevations were determined for each monitoring well. A groundwater potentiometric map was developed using this elevation data and is provided as Figure 4. The groundwater elevation data for the Site monitoring wells is summarized in Table 1.

The general lateral groundwater flow direction across the Site is northeastward toward Randleman Lake. The vertical hydraulic gradient in the shallow bedrock aquifer, as measured between monitoring wells MW-3C and OW-DR2 during this monitoring event, was 0.010 feet/feet upward.

5.2 Laboratory Analytical Results

The complete analytical results for the samples collected during the period of November 27-30, 2023 were received from the laboratory on December 13, 2023. A summary of the analytical results is provided for groundwater (Table 2) and surface water (Table 3) along with the applicable regulatory water quality standards. The Eurofins Environmental Testing report is provided in Appendix A of this report.

5.2.1 Groundwater Analytical Results

The analytical results for selected groundwater contaminants collected during this monitoring event are provided on a series of concentration isopleths included with this report. Groundwater isopleth maps are provided for 1,4-dioxane (Figure 5), total VOCs (Figure 6), 1,2-dichloroethane (Figure 7), chlorobenzene (Figure 8), and vinyl chloride (Figure 9). The historical groundwater analytical results for specific VOC and 1,4-dioxane compounds are provided on Table 2.

Contaminants in the groundwater generally extends northeastward across the Site to the Randleman Lake basin. During this monitoring event, VOC compounds were detected in a limited area across Randleman Lake to the northeast of the Site. The extent of the VOC contaminants on the north side of Randleman Lake appears to be limited primarily to property encompassed by the Lake's buffer zone. This buffer zone is maintained and regulated by the Piedmont Triad Regional Water Authority (PTRWA).

5.2.2 Surface Water Analytical Results

Randleman Lake Samples

The laboratory analytical data indicated no VOC concentrations were detected

above the laboratory practical quantitation limits in any of Randleman Lake surface water samples. Only one Randleman Lake sample was reported to contain 1,4-dioxane at a concentration above the laboratory reporting limit (SW-6, 3.1 ug/l). Surface water sample SW-6 is the upstream background sample, located approximately 3,500' north of the Site where Kivette Drive crosses Randleman Lake. No other Randleman Lake surface water samples were reported to contain detectable concentrations of 1,4-dioxane above the laboratory reporting limit. A summary of the Randleman Lake surface water analytical results is provided in Table 3 which is included with this report.

Southern Intermittent Stream Samples

The compound 1,4-dioxane was reported in all three of the Southern Intermittent Stream surface water monitoring locations. The upstream surface water monitoring location SW-5 reportedly contained 1,4-dioxane at a concentration of 7.6 ug/l. Both of the downstream surface water monitoring locations on the Southern Intermittent Stream, SW-3 and SW-4, reportedly contained 1,4-dioxane concentrations of 2.5 ug/l and 300 ug/l, respectively.

No VOC compounds were reported above the laboratory reporting limits in the samples collected from surface water monitoring locations SW-5 or SW-3. The sample collected from surface water monitoring location SW-4 reportedly contained 1,4 VOC compounds above the laboratory reporting limits. The VOC compounds reported for the SW-4 sample are summarized on Table 3 of this report.

Northern Intermittent Stream

The upstream (SW-1) and downstream (SW-2) surface water locations were dry at the time of the November 2023 monitoring event.

5.2.3 Quality Control Sample

A trip blank was analyzed for quality assurance purposes. No VOC compounds or 1,4-dioxane were detected above the laboratory reporting limits in the trip blank sample.

6.0 Conclusions

The findings of the November 2023 annual groundwater and surface water monitoring event at the Site include the following:

- Overall, the November 2023 groundwater monitoring results are consistent with historical monitoring data.
- The groundwater flow direction at the Site is to the northeast, toward Randleman Lake which is consistent with prior evaluations (Figure 4).
- Based on the November 2023 monitoring results and historical data, the primary groundwater contaminant plume extends along the Southern Intermittent Stream valley in a northeastward direction toward Randleman Lake (Figures 5 – 9).
- During the November 2023 monitoring event, concentrations of 1,4-dioxane above the laboratory reporting limit were reported at three of the Southern Intermittent Stream surface water sample locations. Also, the upgradient background Randleman Lake surface water sample, which is collected 3,500 feet north of the Site, also reported 1,4-dioxane above the laboratory reporting limit. No other Randleman Lake surface water samples were reported to contain detectable concentrations of 1,4-dioxane above the laboratory reporting limit.
- No changes to the monitoring program or schedule are recommended. The 2024 Annual Water Quality Monitoring Event is tentatively scheduled for October/November 2024.

FIGURES

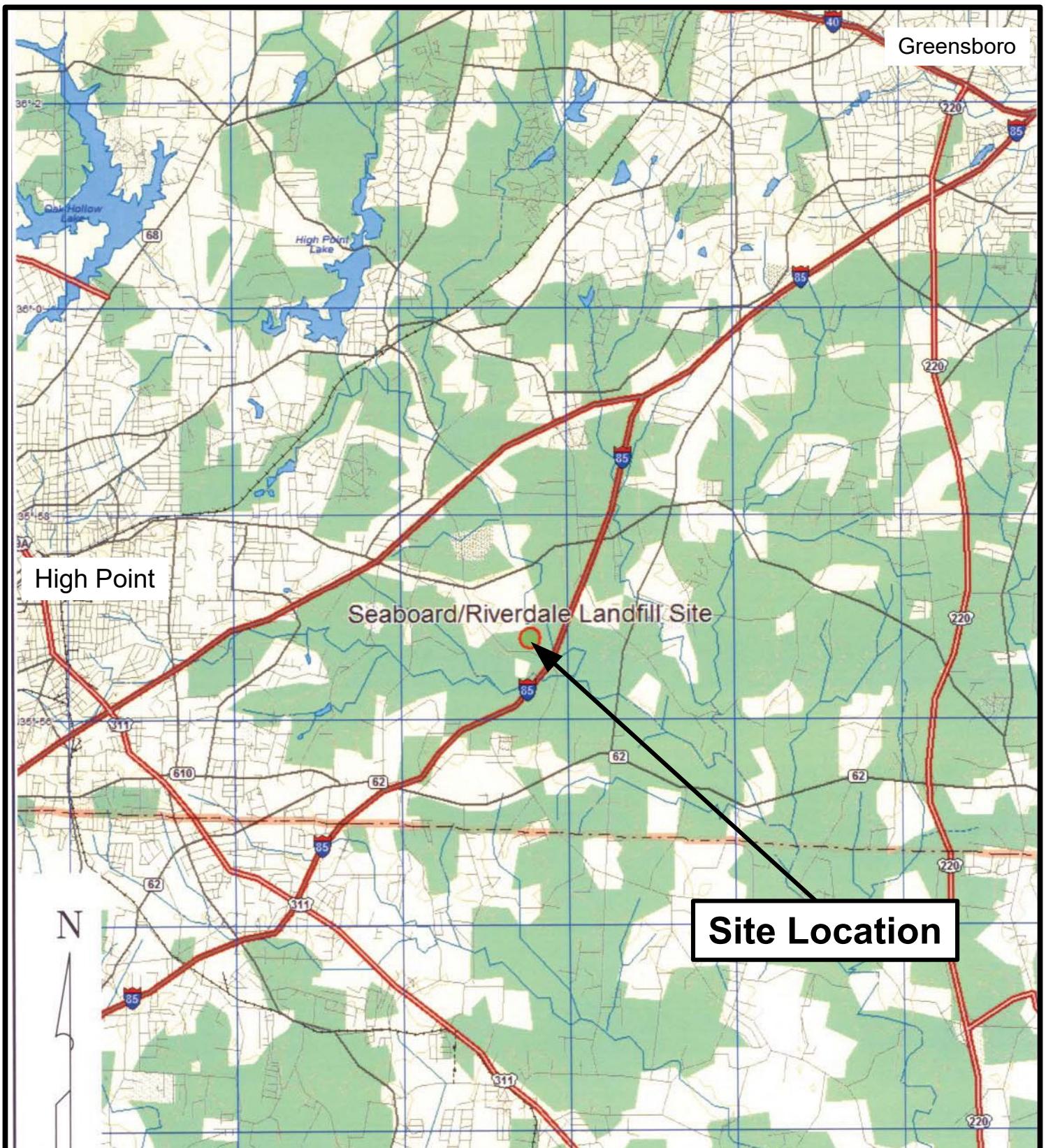


Figure 1 – Site Location Map

**Former Seaboard/Riverdale Drive Landfill Site
5899 Riverdale Drive
Jamestown, North Carolina**

Babb & Associates, P.A.

5506 Bradford Pear Court
Raleigh, North Carolina 27606-1379
(919) 605-4719

Scale:
1" = 1.5 miles

Prep. By:
G. Babb

Rev. By:
G. Babb

Date:
November 2023

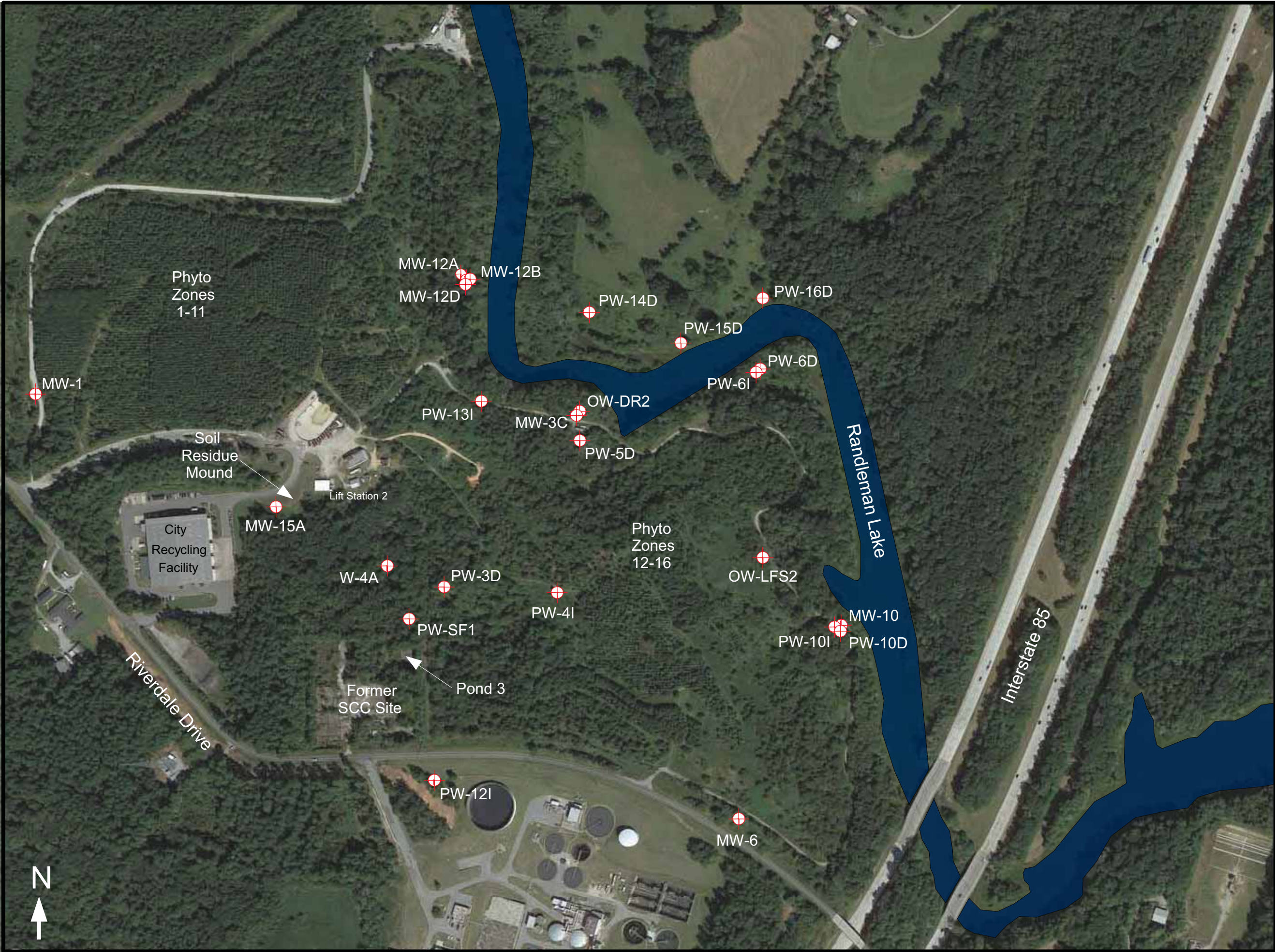


Figure 2

Groundwater Monitoring Well Locations
Former Seaboard/Riverdale Drive Landfill Site
5899 Riverdale Drive
Jamestown, North Carolina

Babb & Associates, P.A.

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

Scale:
1" = 360'

Prep. By: G. Babb

Rev. By:

G. Babb

Date:

November 2023

Figure 2

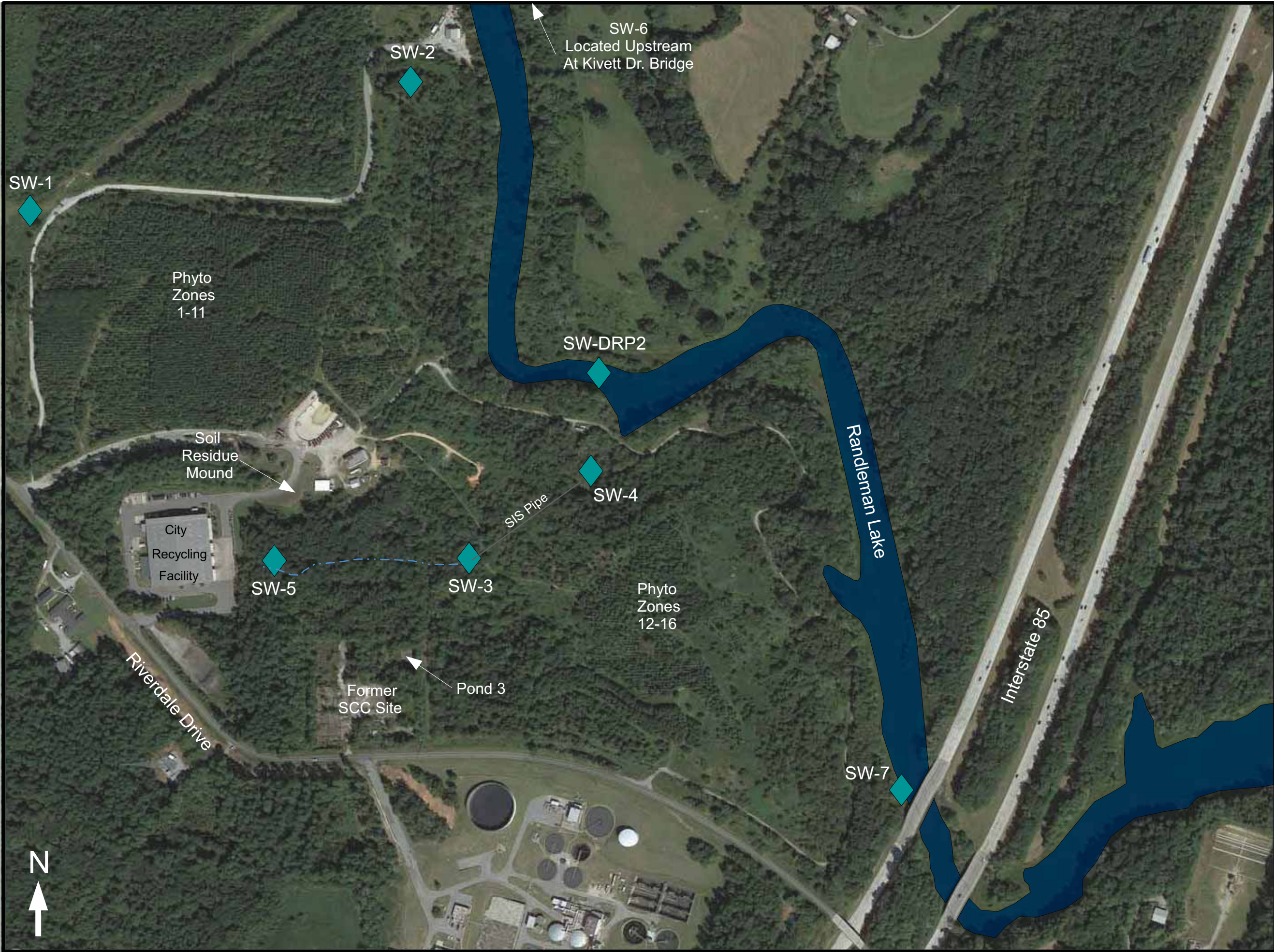


Figure 3

Surface Water Monitoring Locations
Former Seaboard/Riverdale Drive Landfill Site
5899 Riverdale Drive
Jamestown, North Carolina

Babb & Associates, P.A.

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

Scale:

1" = 360'

Prep. By:

G. Babb

Rev. By:

G. Babb

Date:

November 2023

Figure 3

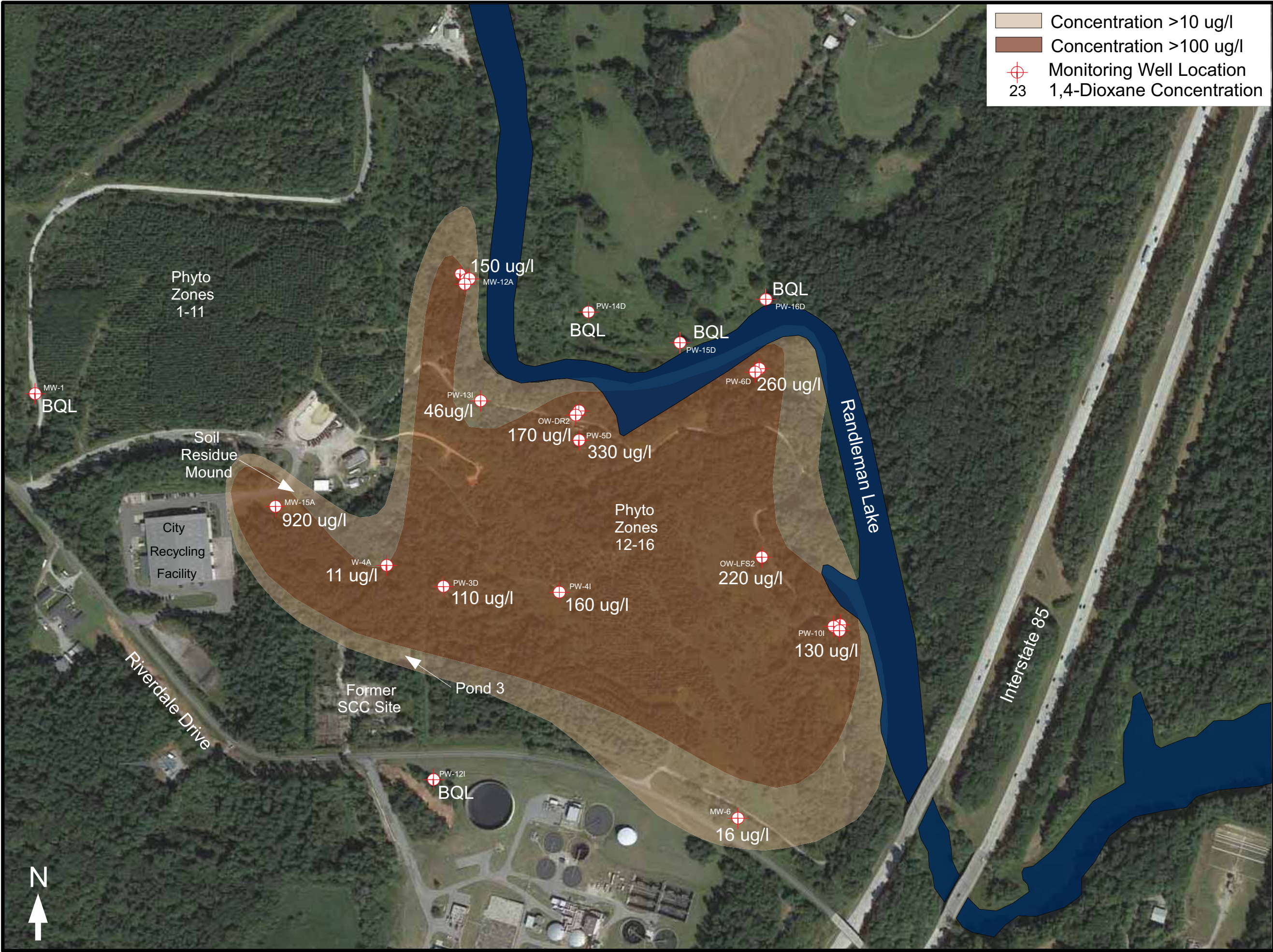


Figure 5

1,4-Dioxane Isoconcentration Map – November 2023
Former Seaboard/Riverdale Drive Landfill Site
5899 Riverdale Drive
Jamestown, North Carolina

Babb & Associates, P.A.

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

Scale:
1" = 360'

Prep. By:
G. Babb

Rev. By:
G. Babb

Date:
November 2023

Figure 5

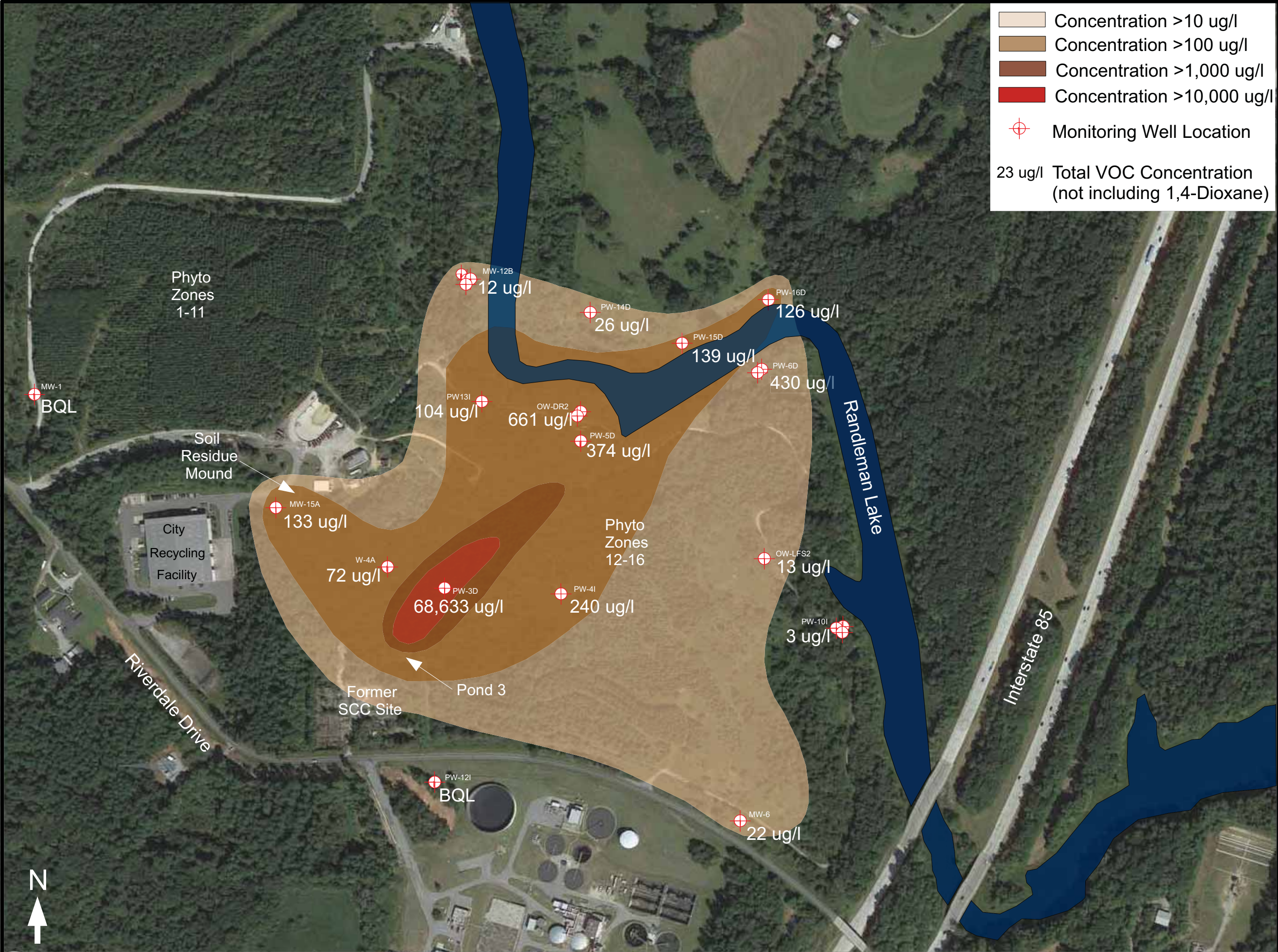


Figure 6	Babb & Associates, P.A.	
	5506 Bradford Pear Court Raleigh, North Carolina 27606 (919) 605-4719	
Total VOCs* - Isoconcentration Map – November 2023 Former Seaboard/Riverdale Drive Landfill Site 5899 Riverdale Drive Jamestown, North Carolina	Rev. By: G. Babb	Date: November 2023
	Prep. By: G. Babb	
Figure 6		
Scale: 1" = 360'		
* Does Not Include 1,4-Dioxane		

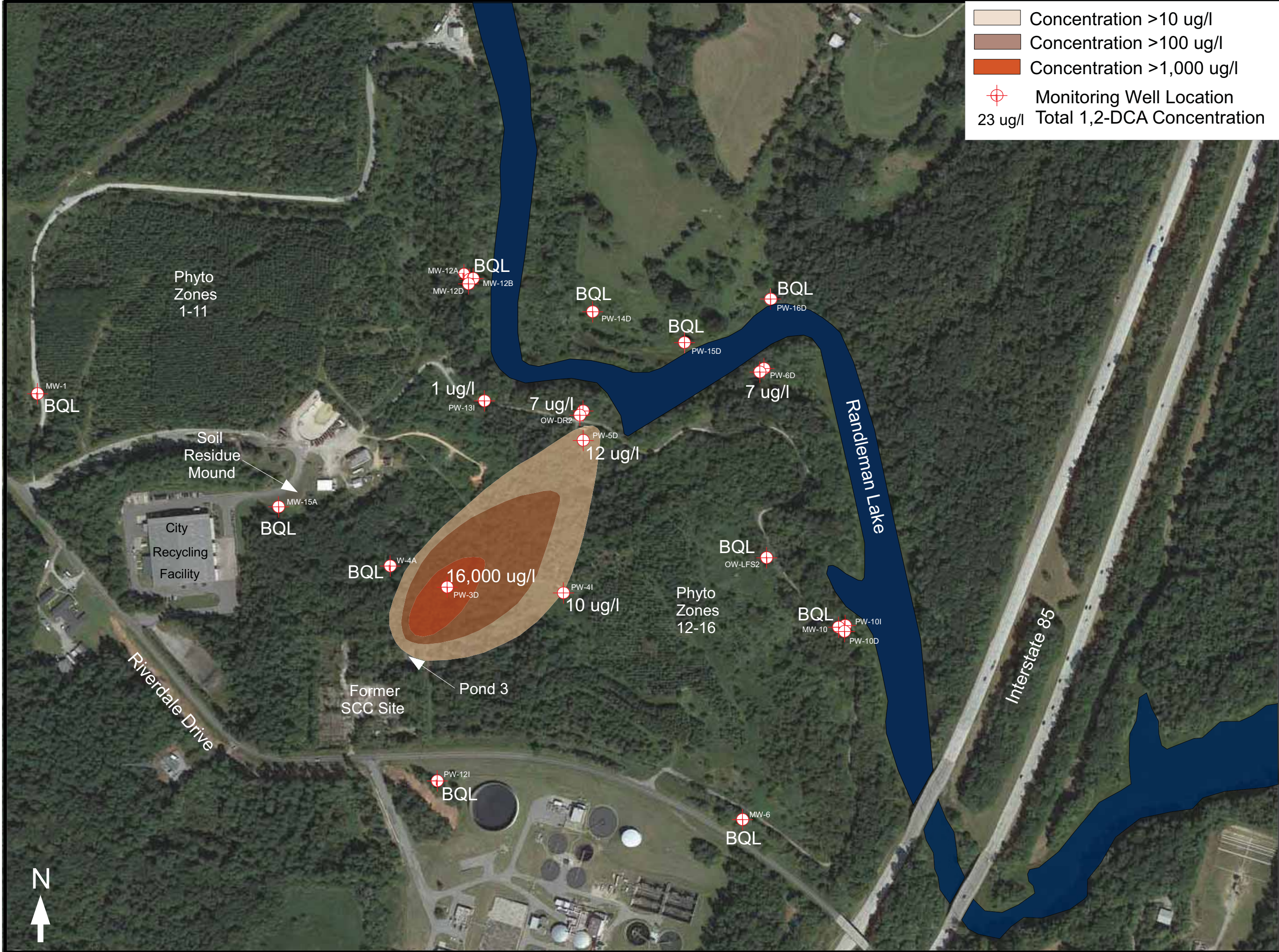


Figure 7 1,2-Dichloroethane - Isoconcentration Map – November 2023 Former Seaboard/Riverdale Drive Landfill Site 5899 Riverdale Drive Jamestown, North Carolina	Babb & Associates, P.A. 5506 Bradford Pear Court Raleigh, North Carolina 27606 (919) 605-4719	
	Prep. By: G. Babb	Rev. By: G. Babb
Scale: 1" = 360'		Date: November 2023
Figure 7		



Figure 8

Chlorobenzene - Isoconcentration Map – November 2023
Former Seaboard/Riverdale Drive Landfill Site
5899 Riverdale Drive
Jamestown, North Carolina

Babb & Associates, P.A.

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

Scale: 1" = 360'

Prep. By: G. Babb

Rev. By: G. Babb

Date: November 2023

Figure 8



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

Date: November 2023

Rev. By: G. Babb

Figure 9

Vinyl Chloride - Isoconcentration Map – November 2023
Former Seaboard/Riverdale Drive Landfill Site
5899 Riverdale Drive
Jamestown, North Carolina

Scale: 1" = 360'

Prep. By: G. Babb

Figure 9

TABLES

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

Page 1 of 30

MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
MW-1	57.71	47.71-57.71	743.98-733.98	789.40	791.69	11/14/2000	27.28	764.41
New Survey						9/4/2001	27.99	763.70
						9/17/2002	29.55	762.14
						9/11/2003	23.86	767.83
						8/16/2004	25.70	765.99
						12/19/2005	25.55	766.14
						8/21/2006	25.97	765.72
						9/24/2007	26.33	765.36
						2/23/2009	25.35	766.14
						3/29/2010	24.89	765.72
						11/1/2011	27.69	764.00
						11/16/2012	27.23	764.46
						12/9/2013	28.36	763.33
						12/8/2014	28.54	763.15
						10/26/2015	27.99	763.47
						11/14/2016	27.50	762.96
						10/11/2017	28.43	762.03
						11/1/2018	29.70	760.76
Corrected due to well repairs					790.34	9/10/2019	24.78	765.68
						10/13/2020	27.67	761.18
						10/26/2021	26.86	763.60
						10/12/2022	25.36	765.10
						11/28/2023	25.54	764.80
MW-2A	19	4-19	709.9-694.9	711.80	713.90	11/14/2000	13.46	700.44
						9/4/2001	17.43	696.47
						9/17/2002	10.25	703.65
						9/11/2003	10.60	703.30
						8/16/2004	7.83	706.07
						8/21/2006	13.04	700.86
						9/24/2007	14.17	699.73
						2/23/2009	10.67	703.23
						3/29/2010	6.11	707.79
						11/1/2011	8.18	705.72
						11/16/2012	12.90	701.00
MW-2B	30	30	681.0	711.00	712.57	11/14/2000	12.78	699.79
						9/4/2001	13.01	699.56
						9/17/2002	10.61	701.96
						9/11/2003	10.62	701.95
						8/16/2004	7.75	704.82
						8/21/2006	12.25	700.32
						9/24/2007	14.64	697.93
						2/23/2009	10.35	702.22
						3/29/2010	6.05	706.52
						11/1/2011	9.16	703.41
						1/16/2012	12.21	700.36

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

Page 2 of 30

MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
MW-2C	48	28-48	685.56-665.56	711.40	713.56	11/14/2000	16.12	697.44
						9/4/2001	14.02	699.54
						9/17/2002	18.41	695.15
						9/11/2003	12.78	700.78
						8/16/2004	14.80	698.76
						12/19/2005	NM	NM
						8/21/2006	17.53	696.03
						9/24/2007	16.86	696.70
						2/23/2009	14.25	699.31
						3/29/2010	10.97	702.59
						11/1/2011	14.55	699.01
						11/16/2012	15.82	697.74
MW-3A	27	12-27	682.4-667.4	692.74	694.40	11/14/2000	19.62	674.78
						9/4/2001	21.03	673.37
						9/17/2002	20.22	674.18
						9/11/2003	16.74	677.66
						8/16/2004	18.60	675.80
						12/19/2005	18.54	675.86
						8/21/2006	20.32	674.08
						9/24/2007	17.18	677.22
						2/23/2009	11.00	683.40
						3/29/2010	10.92	683.48
						11/1/2011	12.34	682.06
						11/16/2012	11.87	682.53
MW-3B	38.83	28.83-38.83	664.76-654.76	692.32	693.59	11/14/2000	19.46	674.13
						9/4/2001	21.00	672.59
						9/17/2002	20.00	673.59
						9/11/2003	16.32	677.27
						8/16/2004	NM	NM
						12/19/2005	18.81	674.78
						8/21/2006	20.33	673.26
						9/24/2007	16.59	677.00
						2/23/2009	8.48	685.11
						3/29/2010	8.04	685.55
						11/1/2011	11.27	682.32
						11/16/2012	11.00	682.59

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

Page 3 of 30

MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
MW-3C	57	47-57	647.22-637.22	691.90	694.22	11/14/2000	19.51	674.71
New Survey						9/4/2001	21.12	673.10
						8/19/2002	20.57	673.65
						9/16/2002	20.00	674.22
						9/11/2003	16.47	677.75
						8/16/2004	18.46	675.13
						12/19/2005	18.96	674.63
						8/21/2006	20.56	673.03
						9/24/2007	16.50	677.72
						2/23/2009	10.15	683.44
						3/29/2010	7.86	685.73
						11/1/2011	10.33	683.89
						11/16/2012	10.88	683.34
						12/11/2013	10.54	683.68
						12/11/2014	20.74	673.48
						10/27/2015	17.68	675.06
						11/14/2016	9.90	682.84
						10/9/2017	20.46	672.28
						11/2/2018	18.31	674.43
						9/11/2019	18.00	674.74
						10/13/2020	17.54	674.96
						10/26/2021	15.24	677.50
						10/17/2022	11.17	681.57
						11/29/2023	14.79	677.95
MW-4	30	20-30	664.72-654.72	683.20	684.72	11/14/2000	12.22	672.50
New TOC elevation						9/4/2001	14.18	670.54
						9/16/2002	12.71	672.01
						9/11/2003	10.62	674.10
						8/16/2004	11.91	672.81
						12/19/2005	17.55	667.17
						8/21/2006	NM	NM
						9/24/2007	13.22	671.50
						2/23/2009	8.02	679.27
						3/29/2010	6.25	681.04
						11/1/2011	6.48	680.81
						11/16/2012	7.01	680.28
MW-5	30	20-30	664.4-654.4	682.00	684.40	11/14/2000	12.89	671.51
New TOC elevation; survey data pending						9/4/2001	14.69	669.71
						9/16/2002	13.81	670.59
						9/11/2003	9.23	675.17
						8/16/2004	12.05	672.35
						12/19/2005	16.59	667.81
						8/21/2006	NM	NM
						9/24/2007	13.98	670.42
						2/23/2009	5.82	NA
						3/29/2010	4.63	NA
						11/1/2011	6.18	NA
						11/16/2012	6.61	NA

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
MW-6	110	100-110	661.73-651.73	759.60	761.73	11/14/2000	65.92	695.81
New Survey						9/4/2001	66.49	695.24
						9/17/2002	67.21	694.52
						9/11/2003	59.32	702.41
						8/16/2004	63.47	698.26
						12/19/2005	65.83	695.90
						8/21/2006	66.46	695.27
						9/24/2007	67.11	694.62
						2/23/2009	62.58	699.15
						3/29/2010	60.55	701.18
						11/1/2011	64.36	697.37
						11/16/2012	64.60	697.13
						12/11/2013	64.88	696.85
						12/12/2014	65.80	695.93
						10/30/2015	64.89	696.58
						11/17/2016	64.38	697.09
						10/10/2017	65.03	696.44
						11/2/2018	61.20	700.27
						9/12/2019	62.28	699.19
						10/14/2020	63.00	696.74
						10/28/2021	65.11	696.36
						10/19/2022	65.37	696.10
						11/29/2023	65.56	695.91
MW-7A	35	15-35	726.64-706.64	739.42	741.64	11/14/2000	31.10	710.54
						9/4/2001	32.34	709.30
						9/17/2002	35.73	705.91
						9/11/2003	22.61	719.03
						8/16/2004	29.02	712.62
						12/19/2005	31.13	710.51
						8/21/2006	31.19	710.45
						9/24/2007	30.55	711.09
						2/23/2009	28.23	713.41
						3/29/2010	23.65	717.99
						11/1/2011	30.61	711.03
						11/16/2012	30.60	711.04
MW-7B	68	58-68	682.16-672.16	738.50	740.16	11/14/2000	33.90	706.26
						9/4/2001	33.15	707.01
						9/17/2002	38.12	702.04
						9/11/2003	24.53	715.63
						8/16/2004	31.80	708.36
						12/19/2005	33.74	706.42
						8/21/2006	33.36	706.80
						9/24/2007	33.31	706.85
						2/23/2009	30.18	709.98
						3/29/2010	25.67	714.49
						11/1/2011	27.93	712.23
						11/16/2012	30.00	710.16

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
MW-8	33	13-33	721.16-701.16	731.80	734.16	11/14/2000	>30.70	-
						9/4/2001	>30.70	-
						9/17/2002	>30.70	-
						9/11/2003	20.49	719.67
						8/16/2004	28.35	711.81
						12/19/2005	20.22	719.94
						8/21/2006	30.81	709.35
						9/24/2007	32.89	701.27
						2/23/2009	26.39	713.77
						3/29/2010	20.51	719.65
						11/1/2011	28.85	705.31
						11/16/2012	30.96	703.20
MW-9	32	12-32	676.95-656.95	685.95	688.95	11/14/2000	12.36	
						9/4/2001	13.53	675.42
						9/16/2002	13.48	675.47
						9/11/2003	8.15	680.80
						8/16/2004	10.78	678.17
						12/19/2005	11.43	677.52
						8/21/2006	21.35	667.60
						9/24/2007	NM	NM
						2/23/2009	5.37	683.58
						3/29/2010	4.22	684.73
						11/1/2011	5.97	682.98
						11/16/2012	6.26	682.69
MW-10 New Survey	28	8-28	687.62-667.62	693.60	695.62	11/14/2000	16.91	678.71
						9/4/2001	18.61	677.01
						9/16/2002	17.64	677.98
						9/11/2003	13.78	681.84
						8/16/2004	15.06	680.56
						12/19/2005	14.47	681.15
						8/21/2006	16.80	678.82
						9/24/2007	17.29	678.33
						2/23/2009	11.92	683.70
						3/29/2010	10.57	685.05
						11/1/2011	12.96	682.66
						11/16/2012	13.18	682.44
						12/10/2013	12.97	682.65
				693.24	695.01	12/10/2014	13.97	681.65
						10/26/2015	12.59	682.42
						11/14/2016	12.86	682.15
						10/9/2017	12.95	682.06
						10/31/2018	11.53	683.48
						9/10/2019	13.40	681.61
						10/12/2020	14.96	678.28
						10/26/2021	19.50	675.51
						10/14/2022	15.47	679.54
						11/29/2023	19.04	675.97

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
MW-11	68	53-68	695.42-680.42	746.26	748.42	11/14/2000	38.24	710.18
						9/4/2001	38.50	709.92
						8/19/2002	41.06	707.36
						9/16/2002	40.65	707.77
						9/11/2003	28.97	719.45
						8/16/2004	36.81	711.61
						12/19/2005	38.51	709.91
						8/21/2006	32.91	715.51
						9/24/2007	37.29	711.13
						2/23/2009	28.91	719.51
						3/29/2010	26.02	722.40
						11/1/2011	31.13	717.29
						11/16/2012	34.87	713.55
MW-12A New Survey	20	5-20	688.96-673.96	691.12	693.96	11/14/2000	15.66	678.30
						9/4/2001	15.87	678.09
						9/16/2002	15.62	678.34
						9/11/2003	11.08	682.88
						8/16/2004	14.15	679.81
						12/19/2005	11.31	682.65
						8/21/2006	14.67	679.29
						9/24/2007	13.92	680.04
						2/23/2009	11.11	682.85
						3/29/2010	9.99	683.97
						11/1/2011	9.26	684.70
						11/16/2012	11.13	682.83
						12/10/2013	9.07	684.89
						12/11/2014	11.58	682.38
				690.21	693.07	10/27/2015	11.15	681.92
						11/14/2016	11.01	682.06
						10/9/2017	10.98	682.09
						11/1/2018	10.19	682.88
						9/10/2019	10.41	682.66
						10/13/2020	10.34	679.87
						10/26/2021	11.20	681.87
						10/17/2022	10.50	682.57
						11/28/2023	11.77	681.30

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
MW-12B	58	48-58	647-637	691.70	695.00	11/14/2000	16.49	678.51
New Survey						9/4/2001	16.92	678.08
						9/16/2002	16.65	678.35
						9/11/2003	12.72	682.28
						8/16/2004	15.03	679.97
						12/19/2005	14.12	680.88
						8/21/2006	NM	NM
						9/24/2007	NM	NM
						2/23/2009	10.95	684.05
						3/29/2010	NM	NM
						11/1/2011	10.25	684.75
						11/16/2012	10.81	684.19
						12/10/2013	11.55	683.45
						12/11/2014	11.65	683.35
						10/27/2015	10.67	683.19
						11/14/2016	10.23	683.63
						10/10/2017	11.21	682.65
						11/1/2018	10.22	683.64
						9/11/2019	10.76	683.10
						10/13/2020	10.35	680.40
						10/26/2021	11.51	682.35
						10/17/2022	11.17	682.69
						11/28/2023	12.45	681.41
MW-12D	202	187-202	507.93-492.93	691.81	694.93	11/14/2000	>101.50	<593
New Survey						9/4/2001	48.12	646.81
						9/16/2002	47.59	647.34
						9/11/2003	46.06	648.87
						8/16/2004	NM	NM
						12/19/2005	20.80	674.13
						8/21/2006	NM	NM
						9/24/2007	14.24	680.69
						2/23/2009	9.43	685.50
						3/29/2010	12.62	682.31
						11/1/2011	13.88	681.05
						11/16/2012	43.06	651.87
						12/10/2013	25.34	669.59
						12/11/2014	43.02	651.91
						10/29/2015	21.96	672.25
						11/18/2016	24.12	670.09
						10/11/2017	53.41	640.80
						11/1/2018	26.84	667.37
						9/12/2019	3.25	690.96
						10/13/2020	2.97	688.22
						10/26/2021	3.90	690.31
						10/17/2022	3.47	690.74
						11/28/2023	6.48	687.73

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
MW-14	35	20-35	746.22-731.22	763.80	766.22	11/14/2000	28.42	737.80
						9/4/2001	29.33	736.89
						9/17/2002	NM	NM
						9/11/2003	25.38	740.84
						8/16/2004	26.16	740.06
						8/21/2006	27.98	738.24
						2/23/2009	27.27	738.95
						3/29/2010	25.71	740.51
						11/1/2011	27.86	738.36
						11/16/2012	27.61	738.61
MW-15A New Survey	34	19-34	731.34-746.34	762.5 762.57	765.34 764.33	9/4/2001	26.70	738.64
						9/17/2002	21.40	743.94
						9/11/2003	NM	NM
						8/16/2004	22.72	742.62
						12/19/2005	24.31	741.03
						8/21/2006	NM	NM
						2/23/2009	15.21	750.13
						3/29/2010	22.06	743.28
						11/1/2011	25.19	740.15
						11/16/2012	24.75	740.59
						12/10/2013	24.69	740.65
						12/8/2014	25.64	739.70
						10/27/2015	24.46	739.87
						11/14/2016	27.01	737.32
						10/11/2017	27.90	736.43
						10/31/2018	22.72	741.61
						9/10/2019	22.58	741.75
						10/9/2020	22.43	740.14
						10/28/2021	25.55	738.78
						10/18/2022	25.21	739.12
						11/28/2023	26.79	737.54
MW-16	45	30-45	749.13-734.13	779.00	779.13	11/14/2000	34.18	744.95
						9/4/2001	NM	NM
						9/17/2002	NM	NM
						9/11/2003	NM	NM
						8/16/2004	NM	NM
						12/19/2005	NM	NM
						8/21/2006	NM	NM
						2/23/2009	NM	NM
						11/16/2012	NM	NM
MW-17 (WSW-1)	250	230-250	--	--	--	12/19/2005	68.09	--
						8/21/2006	NM	NM
						2/23/2009	66.04	--
						3/29/2010	64.30	--
						11/1/2011	66.88	--
						11/16/2012	67.34	NM

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
MRF-1	43.5	28.5-43.5	723.31-708.31	752.10	751.81	11/14/2000	8.45	743.36
						9/4/2001	8.48	743.33
						9/17/2002	8.56	743.25
						9/11/2003	7.40	744.41
						8/16/2004	7.59	744.22
						12/19/2005	7.63	744.18
						8/21/2006	8.25	743.56
						9/24/2007	8.87	742.94
						2/23/2009	7.56	744.25
						3/29/2010	7.55	744.26
						11/1/2011	8.01	743.80
						11/16/2012	7.98	743.83
MRF-2	41.5	26.5-41.5	724.23-709.23	751.00	750.73	11/14/2000	26.06	724.67
						9/4/2001	26.18	724.55
						9/17/2002	26.10	724.63
						9/11/2003	24.28	726.45
						8/16/2004	24.10	726.63
						12/19/2005	24.35	726.38
						8/21/2006	25.69	725.04
						9/24/2007	25.69	725.04
						2/23/2009	25.22	725.51
						3/29/2010	24.73	726.00
						11/1/2011	25.18	725.55
						11/16/2012	25.30	725.43
OW-DR1	165	49-165	648.95-532.95	695.39	697.95	11/14/2000	23.21	674.74
						9/4/2001	24.72	673.23
						9/16/2002	23.80	674.15
						9/11/2003	20.21	677.74
						8/16/2004	22.23	675.72
						12/19/2005	22.91	675.04
						8/21/2006	24.40	673.55
						9/24/2007	20.16	677.79
						2/23/2009	13.77	684.18
						3/29/2010	11.42	686.53
						11/1/2011	13.95	684.00
						11/16/2012	14.64	683.31

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
OW-DR2	186	176-186	518.4-508.4	692.61	694.40	11/14/2000	19.72	674.68
New Survey				692.22	695.87	9/4/2001	21.33	673.07
						8/19/2002	20.75	673.65
						9/16/2002	20.25	674.15
						9/11/2003	16.60	677.80
						8/16/2004	18.62	675.78
						12/19/2005	19.34	675.06
						8/21/2006	20.79	673.61
						9/24/2007	16.52	677.88
						2/23/2009	10.13	684.27
						3/29/2010	7.97	686.43
						11/1/2011	10.32	684.08
						11/16/2012	10.90	683.50
						12/10/2013	10.55	683.85
						12/12/2014	27.31	667.09
						10/30/2015	13.53	682.34
						11/18/2016	14.28	681.59
						10/10/2017	16.31	679.56
						11/2/2018	19.59	676.28
						9/11/2019	20.24	675.63
						10/13/2020	19.76	672.46
						10/28/2021	17.06	678.81
						10/18/2022	17.00	678.87
						11/29/2023	16.64	679.23
OW-DR3	160	77-160	626.52-543.52	703.52	704.75	8/19/2002	30.79	663.61
						9/16/2002	30.40	664.00
						9/11/2003	27.80	666.60
						8/16/2004	29.02	665.38
						12/19/2005	30.29	664.11
						8/21/2006	31.17	663.23
						9/24/2007	26.32	678.43
						2/23/2009	20.17	684.58
						3/29/2010	18.61	686.14
						11/1/2011	20.45	684.30
						11/16/2012	20.75	684.00
						12/10/2013	20.99	683.76
OW-DR4	165	45 - 165	667.70-547.70	712.70	713.85	8/19/2002	40.15	673.70
						9/16/2002	39.72	674.13
						9/11/2003	36.25	677.60
						8/16/2004	38.23	675.62
						12/19/2005	38.91	674.94
						8/21/2006	40.34	673.51
						9/24/2007	35.99	677.86
						2/23/2009	29.64	684.21
						3/29/2010	22.30	691.55
						11/1/2011	29.83	684.02
						11/16/2012	30.30	683.55
OW-DR5	40	20-40	--	--	--	12/19/2005	10.50	--
						2/23/2009	NM	--
						3/29/2010	NM	--
						11/1/2011	NM	--
						11/16/2012	NM	NM

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
OW-NIS1	40	25-40	--	--	--	12/19/2005	10.91	--
						2/23/2009	8.40	--
						3/29/2010	7.59	--
						11/1/2011	6.40	--
						11/16/2012	7.54	--
OW-SIS1	39	20-39	--	--	--	12/19/2005	24.05	--
						8/21/2006	24.08	--
						9/24/2007	23.89	--
						2/23/2009	20.89	--
						3/29/2010	17.69	--
						11/1/2011	22.98	--
OW-SIS2	40	20-40	--	--	--	12/19/2005	5.32	--
						2/23/2009	4.32	--
						3/29/2010	3.29	--
						11/1/2011	3.74	--
						11/16/2012	7.63	--
OW-SIS3	45	15-45	--	--	--	12/19/2005	5.80	--
						2/23/2009	5.67	--
						3/29/2010	3.61	--
						11/1/2011	5.22	--
						11/16/2012	7.00	--
OW-SF1	120	95-120	638.15-613.15	731.06	731.06	12/19/2005	26.15	704.91
						8/21/2006	26.00	705.06
						9/24/2007	25.84	705.22
						2/23/2009	23.03	708.03
						3/29/2010	18.64	712.42
						11/1/2011	25.39	705.67
						11/16/2012	25.22	705.84

TABLE 1
GROUND WATER ELEVATION DATA
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
OW-SF2	120	80-120	651.05-611.05	728.87	731.05	8/21/2006	NM	NM
						9/24/2007	20.44	710.61
						2/23/2009	18.47	--
						3/29/2010	14.27	716.78
						11/1/2011	20.46	710.59
						11/16/2012	20.68	710.37
OW-LFS1	50	30-50	--	--	698.74	12/19/2005	17.15	681.59
						2/23/2009	14.45	684.29
						3/29/2010	13.28	685.46
						11/1/2011	14.90	683.84
						11/16/2012	15.88	682.86
OW-LFS2 New Survey	50	30-50	--	-- 696.69	700.08 699.45	12/19/2005	21.97	678.11
						2/23/2009	15.81	684.27
						3/29/2010	14.66	685.42
						11/1/2011	16.34	683.74
						11/16/2012	16.61	683.47
						12/11/2013	16.82	683.26
						12/12/2014	17.44	682.64
						10/26/2015	16.48	682.97
						11/14/2016	20.12	679.33
						10/9/2017	25.57	673.88
						10/31/2018	38.96	660.49
						9/12/2019	17.20	682.25
						10/12/2020	32.22	664.47
						10/28/2021	16.05	683.40
						10/17/2022	39.45	660.00
						11/29/2023	40.00	659.45
PW-DR1	185	38-185	657.21-510.21	693.62	695.21	11/14/2000	20.51	674.70
						9/4/2001	21.90	673.31
						8/19/2002	21.48	673.73
						9/16/2002	21.02	674.19
						9/11/2003	17.51	677.70
						8/16/2004	19.55	675.66
						12/19/2005	NM	--
						8/21/2006	NM	--
						9/24/2007	NM	--
						2/23/2009	NM	--
						3/29/2010	NM	--
						11/1/2011	NM	--
						11/16/2012	NM	--

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
PW-SF1	120	95-120	638.15-613.15	732.14	733.15	8/21/2006	25.98	707.17
New Survey						9/24/2007	25.60	707.55
						2/23/2009	22.96	710.19
						3/29/2010	18.62	714.53
						11/1/2011	25.31	707.84
						11/16/2012	25.50	707.64
						12/9/2013	21.00	712.15
						12/8/2014	26.65	706.50
						10/27/2015	26.78	705.41
						11/17/2016	24.45	707.74
						10/11/2017	28.21	703.98
						10/31/2018	22.17	710.02
						9/10/2019	20.50	711.69
						10/9/2020	21.66	709.47
						10/27/2021	23.76	708.43
						10/18/2022	51.36	680.83
						11/28/2023	62.03	670.16
PW-SIS1	39	19-39	--	--	695.21	8/16/2004	NM	--
						12/19/2005	12.20	683.01
						8/21/2006	13.95	681.26
						9/24/2007	15.43	679.78
						2/23/2009	12.73	682.48
						3/29/2010	11.31	683.90
						11/1/2011	13.01	682.20
						11/16/2012	13.63	681.58
						11/14/2000	54.92	728.76
						9/4/2001	54.60	729.08
						9/17/2002	54.65	729.03
PW-1D	81.5	66.5-81.5	717.18-702.18	781.90	783.68	9/11/2003	47.49	736.19
						8/16/2004	NM	--
						12/19/2005	51.82	731.86
						8/21/2006	NM	--
						2/23/2009	49.60	734.08
						3/29/2010	47.86	735.82
						11/1/2011	50.18	733.50
						11/16/2012	50.30	733.38
						11/14/2000	45.43	735.12
						9/4/2001	45.16	735.39
PW-2D	101	80-100	700.55-680.55	778.80	780.55	9/17/2002	NM	--
						9/11/2003	NM	--
						8/16/2004	43.45	737.10
						12/19/2005	43.94	736.61
						8/21/2006	42.75	737.80
						9/24/2007	44.20	736.35
						2/23/2009	41.43	739.12
						3/29/2010	39.30	741.25
						11/1/2011	42.62	737.93
						11/16/2012	42.20	738.35

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
PW-3D	209.5	179.5-209.5	578.84-548.84	756.60	758.34	11/14/2000 9/4/2001 9/16/2002 9/11/2003 8/16/2004 12/19/2005 8/21/2006 2/23/2009 3/29/2010 11/1/2011 11/16/2012 12/17/2013 12/11/2014	56.60 NM 58.62 NM 55.55 NM 56.75 50.02 48.12 50.52 47.90 48.81 49.51	701.74 -- 699.72 -- 702.79 -- 701.59 708.32 710.22 707.82 710.44 709.53 708.83
New Survey				737.63	738.60	10/29/2015 11/16/2016 10/11/2017 11/2/2018 9/11/2019 10/14/2020 10/27/2021 10/12/2022 11/27/2023	48.91 52.42 43.99 50.71 52.02 51.76 51.39 52.45 53.74	689.69 686.18 694.61 687.89 686.58 685.87 687.21 686.15 684.86
PW-4I	122	112-122	625.67-615.67	735.17	737.67	11/14/2000 9/4/2001 9/17/2002 9/11/2003 8/16/2004 12/19/2005 8/21/2006 2/23/2009 3/29/2010 11/1/2011 11/16/2012 12/17/2013 12/8/2014	43.39 44.73 45.94 36.04 42.31 43.27 43.11 39.35 35.56 41.23 41.49 42.03 42.62	694.28 692.94 691.73 701.63 695.36 694.40 712.03 698.32 719.58 696.44 696.18 695.64 695.05
New Survey				732.04	737.59	10/29/2015	42.10	695.49
Corrected elevation after well repair. Removed 2.59' of casing.					735.00	11/17/2016	40.78	694.22
						10/11/2017	43.80	691.20
						11/2/2018	34.04	700.96
						9/11/2019	35.52	699.48
						10/14/2020	36.42	695.62
						10/27/2021	38.12	696.88
						10/18/2022	42.60	692.40
						11/28/2023	45.65	689.35

TABLE 1
GROUND WATER ELEVATION DATA
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
PW-5D	306.5	272-282	425.87-415.87	695.07	697.87	11/14/2000	23.52	674.35
						9/4/2001	24.04	673.83
						8/19/2002	24.54	673.33
						9/16/2002	23.86	674.01
						9/11/2003	20.37	677.50
						8/16/2004	22.45	675.42
						12/19/2005	23.21	674.66
						8/21/2006	24.68	673.19
						9/24/2007	20.31	677.56
						2/23/2009	13.85	684.02
						3/29/2010	10.85	687.02
						11/1/2011	13.98	683.89
						11/16/2012	12.92	684.95
						12/16/2013	10.54	687.33
						12/11/2014	21.86	676.01
New Survey				693.96	696.27	10/30/2015	13.80	682.47
						11/18/2016	13.73	682.54
						10/10/2017	17.41	678.86
						11/2/2018	17.31	678.96
						9/11/2019	17.42	678.85
						10/13/2020	17.72	678.55
						10/28/2021	16.37	679.90
						10/18/2022	16.33	679.94
						11/29/2023	16.39	679.88
PW-6I	76	65-76	619.19-608.19	682.27	684.19	11/14/2000	11.80	672.39
						9/4/2001	13.98	670.21
						8/19/2002	12.81	671.38
						9/16/2002	12.35	671.84
						9/11/2003	11.20	672.99
						8/16/2004	12.00	672.19
						12/19/2005	16.14	668.05
						8/21/2006	NM	--
						9/24/007	NM	--
New TOC elevation				693.57	696.15	2/23/2009	14.75	681.40
						3/29/2010	11.76	684.39
						11/1/2011	13.98	682.17
						11/16/2012	14.26	669.93
						12/16/2013	14.29	681.86
New well						12/10/2014	17.43	679.98
New Survey	100	90-100		695.12	697.41	10/27/2015	16.15	681.26
						11/17/2016	16.54	680.87
						10/10/2017	17.38	680.03
						11/1/2018	15.47	681.94
						9/12/2019	16.00	681.41
						10/13/2020	15.27	679.85
						10/28/2021	16.05	681.36
						10/14/2022	16.10	681.31
						11/29/2023	17.28	680.13

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
PW-6D	275	260-275	424.77-409.77	682.22	684.77	11/14/2000	11.01	673.76
						9/4/2001	12.58	672.19
						8/19/2002	12.07	672.70
						9/16/2002	11.57	673.20
						9/11/2003	7.87	676.90
						8/16/2004	9.95	674.82
						12/19/2005	13.24	671.53
						8/21/2006	NM	--
						9/24/2007	NM	--
New TOC elevation				691.53	696.33	3/12/2009	13.05	683.28
						3/29/2010	11.84	684.49
						11/1/2011	13.34	682.99
						11/16/2012	14.03	682.30
						12/16/2013	NA	NA
New well						12/10/2014	23.56	673.23
New Survey	300	270-300		695.02	696.79	10/30/2015	14.53	682.26
						11/17/2016	15.02	681.77
						10/10/2017	21.65	675.14
						11/1/2018	17.33	679.46
						9/12/2019	18.44	678.35
						10/12/2020	16.75	678.27
						10/28/2021	16.68	680.11
						10/14/2022	15.92	680.87
						1/16/1900	16.86	679.93
PW-7I	101	90-100	594.92-584.92	683.42	684.92	11/14/2000	12.90	672.02
						9/4/2001	14.58	670.34
						6/16/2002	12.81	672.11
						8/19/2002	13.28	671.64
						9/16/2002	12.81	672.11
						9/11/2003	11.69	673.23
						8/16/2004	12.92	672.00
						12/19/2005	11.41	673.51
						8/21/2006	14.38	670.54
						9/24/2007	9.11	675.81
New TOC elevation; survey data pending						2/23/2009	2.34	NA
						3/29/2010	1.89	NA
						11/1/2011	1.85	NA
						11/16/2012	2.99	NA
PW-8S	48	35-45	728.13-718.13	761.23	763.13	11/14/2000	42.30	720.83
						9/4/2001	45.10	718.03
						9/17/2002	47.33	715.80
						9/11/2003	38.95	724.18
						8/16/2004	40.70	722.43
						12/19/2005	42.80	720.33
						8/21/2006	43.39	719.74
						9/24/2007	44.57	718.56
						2/23/2009	41.66	721.47
						3/29/2010	27.22	735.91
						11/1/2011	40.58	722.55
						11/16/2012	40.96	722.17

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
PW-9I	100	80-100	619.07-599.07	698.07	699.07	11/14/2000 9/4/2001 9/16/2002 9/11/2003 8/16/2004 12/19/2005 8/21/2006 9/24/2007 2/23/2009 3/29/2010 11/1/2011 11/16/2012	21.80 22.95 22.74 18.04 20.50 20.79 11.75 21.14 14.18 13.50 14.61 15.18	677.27 676.12 676.33 681.03 678.57 678.28 687.32 677.93 684.89 685.57 684.46 683.89
PW-10I	100	80-100	616.44-596.44	695.34	696.44	11/14/2000 9/4/2001 9/16/2002 9/11/2003 8/16/2004 12/19/2005 8/21/2006 9/24/2007 2/23/2009 3/29/2010 11/1/2011 11/16/2012 12/11/2013 12/10/2014 10/29/2015 11/17/2016 10/9/2017 11/1/2018 9/12/2019 10/12/2020 10/26/2021 10/13/2022 11/29/2023	17.24 19.08 18.30 14.57 16.05 15.53 17.68 17.44 12.06 10.62 12.32 13.37 13.10 14.21 12.43 13.46 14.19 11.68 13.20 16.82 19.63 17.51 19.26	679.20 677.36 678.14 681.87 680.39 680.91 678.76 679.00 684.38 685.82 684.12 683.07 683.34 682.23 683.54 682.51 681.78 684.29 682.77 677.81 676.34 678.46 676.71
New Survey				694.63	695.97			

TABLE 1
GROUND WATER ELEVATION DATA
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
PW-10D	200	185-200	512.75-497.75	695.48	697.96	11/14/2000	>101.50	-
New Survey						9/4/2001	39.20	658.76
						9/16/2002	46.45	651.51
						9/11/2003	NM	NM
						8/16/2004	48.04	649.92
						12/19/2005	29.01	668.95
						8/21/2006	32.60	665.36
						9/24/2007	18.42	679.54
						2/23/2009	14.51	683.45
						3/29/2010	26.38	671.58
						11/1/2011	17.01	680.95
						11/16/2012	43.21	654.75
						12/11/2013	42.25	655.71
						12/10/2014	34.50	663.46
						11/3/2015	35.32	661.94
						11/17/2016	25.33	671.93
						10/10/2017	49.55	647.71
						10/31/2018	26.28	670.98
						9/12/2019	45.70	651.56
						10/12/2020	22.75	672.38
						10/26/2021	16.41	680.85
						10/13/2022	16.00	681.26
						11/29/2023	13.80	683.46
PW-11I	90	75-90	710.45-695.45	784.38	785.45	11/14/2000	57.55	727.90
						9/4/2001	58.00	727.45
						9/17/2002	58.77	726.68
						9/11/2003	53.81	731.64
						8/16/2004	56.23	729.22
						12/19/2005	56.65	728.80
						8/21/2006	56.73	728.72
						9/24/2007	57.25	728.20
						2/23/2009	55.90	729.55
						3/29/2010	52.60	732.85
						11/1/2011	55.01	730.44
						11/16/2012	54.90	730.55

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
PW-12I	105	90-105	660.54-645.54	748.07	750.54	11/14/2000	29.09	721.45
New Survey						9/4/2001	32.36	718.18
						2/16/2002	36.25	714.29
						9/16/2002	36.25	714.29
						9/11/2003	26.18	724.36
						8/16/2004	27.41	723.13
						12/19/2005	29.55	720.99
						8/23/2006	30.15	720.39
						9/24/2007	28.55	721.99
						2/23/2009	28.93	721.61
						3/29/2010	24.62	725.92
						11/1/2011	28.18	722.36
						11/16/2012	27.73	722.81
						12/16/2013	28.17	722.37
						12/12/2014	28.70	721.84
						10/30/2015	28.82	720.66
						11/21/2016	35.73	713.75
						10/11/2017	28.55	720.93
						11/6/2018	29.51	719.97
						9/11/2019	21.83	727.65
						10/14/2020	22.94	724.05
						10/28/2021	23.95	725.53
						10/19/2022	27.40	722.08
						11/30/2023	28.57	720.91
PW-13I	250	235-250	504.9-489.9	736.58	739.90	11/14/2000	67.65	672.25
New Survey						9/4/2001	69.68	670.22
						8/19/2002	68.50	671.40
						9/17/2002	68.12	671.78
						9/11/2003	66.59	673.31
						8/16/2004	67.52	672.38
						12/19/2005	68.51	671.39
						8/21/2006	69.64	670.26
						9/24/2007	64.70	675.20
						2/23/2009	57.31	682.59
						3/29/2010	54.65	685.25
						11/1/2011	57.33	682.57
						11/16/2012	58.05	681.85
						12/16/2013	57.20	682.70
						12/12/2014	59.52	680.38
						10/26/2015	37.69	701.32
						11/18/2016	58.24	680.77
						10/11/2017	58.97	680.04
						10/31/2018	57.15	681.86
						9/11/2019	51.68	687.33
						10/13/2020	56.93	679.30
						10/28/2021	57.69	681.32
						10/12/2022	57.62	681.39
						11/27/2023	58.78	680.23

TABLE 1
GROUND WATER ELEVATION DATA
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
PW-14D	198.8	183.8-198.8	505.33-490.33	686.38	689.13	10/31/2000	16.24	672.89
New Survey						12/20/2000	>150	-
						9/5/2001	76.98	612.15
						9/17/2002	64.16	624.97
						9/11/2003	6.51	682.62
						8/16/2004	56.01	633.12
						12/19/2005	67.27	621.86
						8/21/2006	37.29	651.84
						9/24/2007	62.45	626.68
						3/11/2009	37.90	651.23
						3/29/2010	29.41	659.72
						11/1/2011	17.63	671.50
						11/16/2012	32.37	656.76
						12/12/2013	56.60	632.53
						12/9/2014	63.29	625.84
						11/3/2015	72.59	613.91
						11/16/2016	46.02	640.48
						10/12/2017	9.42	677.08
						11/5/2018	39.62	646.88
						9/17/2019	87.88	598.62
						10/14/2020	62.08	623.19
						10/27/2021	37.36	649.14
						10/13/2023	27.30	659.20
						11/27/2023	27.56	658.94
PW-14S	21.5	11.5-21.5	677.09-667.09	685.96	688.59	10/30/2000	13.19	675.40
						12/20/2000	13.47	675.12
						9/5/2001	14.28	674.31
						9/17/2002	14.55	674.04
						9/11/2003	14.92	673.67
						8/16/2004	10.26	678.33
						12/19/2005	11.54	677.05
						8/21/2006	13.45	675.14
						3/11/2009	4.34	684.25
						3/29/2010	2.13	686.46
						11/1/2011	4.27	684.32
						11/16/2012	5.30	683.29

TABLE 1
GROUND WATER ELEVATION DATA
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
PW-15D	163.5	153.5-163.5	533.93-523.93	684.85	687.43	10/31/2000	13.25	674.18
New Survey						12/20/2000	13.32	674.11
						9/5/2001	14.79	672.64
						9/17/2002	13.81	673.62
						9/11/2003	10.13	677.30
						8/16/2004	12.24	675.19
						12/19/2005	13.03	674.40
						8/21/2006	15.80	671.63
						9/24/2007	9.93	677.50
						3/11/2009	3.20	684.23
						3/29/2010	2.02	685.41
						11/1/2011	3.25	684.18
						11/16/2012	4.39	683.04
						12/12/2013	4.50	682.93
						12/9/2014	8.14	679.29
						10/28/2015	4.11	681.69
						11/15/2016	4.54	681.26
						10/12/2017	10.15	675.65
						11/5/2018	4.95	680.85
						9/17/2019	6.60	679.20
						10/14/2020	5.95	678.10
						10/27/2021	5.38	680.42
						10/13/2022	5.21	680.59
						11/28/2023	6.14	679.66
PW-15S	21.5	11.5-21.5	676.71-666.71	685.88	688.21	10/30/2000	14.87	673.34
						12/20/2000	14.91	673.30
						9/5/2001	16.26	671.95
						9/17/2002	15.42	672.79
						9/11/2003	11.61	676.60
						8/16/2004	13.89	674.32
						12/19/2005	14.14	674.07
						8/21/2006	14.32	673.89
						9/24/2007	9.75	678.46
						3/11/2009	4.65	683.56
						3/29/2010	3.09	685.12
						11/1/2011	4.58	683.63
						11/16/2012	5.89	682.32

TABLE 1
GROUND WATER ELEVATION DATA
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
PW-16D	179	169-179	515.98-505.98	681.46	684.98	10/31/2000 12/20/2000 9/5/2001 9/17/2002 9/11/2003 8/16/2004 12/19/2005 8/21/2006 9/24/2007	10.94 10.95 12.43 11.51 7.88 9.91 10.80 12.09 11.21	674.04 674.03 672.55 673.47 677.10 675.07 674.18 672.89 673.77
New TOC elevation; survey data pending						3/11/2009 3/29/2010 11/1/2011 11/16/2012 12/12/2013 12/9/2014 10/28/2015 11/15/2016 10/12/2017 11/5/2018 9/17/2019 10/14/2020 10/27/2021 10/13/2022 11/28/2023	4.38 3.23 4.45 5.65 5.22 7.10 4.84 5.31 8.89 4.70 6.77 6.31 6.09 5.86 6.93	NA NA NA NA NA NA 681.84 681.37 677.79 681.98 679.91 677.76 680.59 680.82 679.75
New Survey				684.07	686.68			
PW-16S	12.5	5.5-12.5	677.67-670.67	680.97	683.17	10/30/2000 12/20/2000 9/5/2001 9/17/2002 9/11/2003 8/16/2004 12/19/2005 8/21/2006 9/24/2007	8.00 7.39 9.82 9.65 6.56 6.79 6.21 8.44 11.83	675.17 675.78 673.35 673.52 676.61 676.38 676.96 674.73 671.34
New TOC elevation; survey data pending						3/11/2009 3/29/2010 11/1/2011 11/16/2012	4.93 4.10 4.64 5.96	NA NA NA NA
PW-17	100	85 - 100	686.0 - 671.0	771.0	774.7	11/14/2000 12/20/2000 9/5/2001 9/16/2002 9/11/2003 8/16/2004 12/19/2005 8/21/2006 9/24/2007 2/23/2009 3/29/2010 11/1/2011 11/16/2012	43.25 43.96 45.55 49.34 37.64 39.42 21.09 43.19 42.02 42.50 38.20 43.50 42.40	731.45 730.74 729.15 725.36 737.06 735.28 753.61 731.51 732.68 732.20 736.50 731.20 732.30

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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
PW-18	225	210 - 225	525.4 - 510.4	735.4	737.8	11/9/2000 12/7/2000 12/14/2000 12/20/2000 9/5/2001 9/17/2002 9/11/2003 8/16/2004 12/19/2005 8/21/2006 9/24/2007 3/11/2009 3/29/2010 11/1/2011 11/16/2012 12/12/2013 12/9/2014	110.06 57.23 57.28 57.27 58.50 NM 86.31? 53.18 NM 39.32 34.56 37.43 30.22 36.15 35.04 34.75 33.80	627.74 680.57 680.52 680.53 679.30 NM Suspect data 684.62 NM 698.48 703.24 700.37 707.58 701.65 702.76 703.05 704.00
New Survey				734.02	736.44	10/26/2015 11/15/2016 10/16/2017 11/7/2018 NM NM NM	36.68 30.73 33.24 32.70	699.76 705.71 703.20 703.74
PW-19	260	235-250	516.6 - 501.6	751.6	754.1	11/5/2001 9/17/2002 9/11/2003 9/11/2003 8/16/2004 12/19/2005 8/21/2006 9/24/007 2/25/2009 3/29/2010 11/1/2011 11/16/2012	75.70 60.16 94.56? 52.75 53.18 54.11 54.50 54.15 52.18 50.65 NM NM	678.40 693.94 Suspect data 701.35 700.92 699.99 699.60 699.95 701.92 703.45
W-1	64.7	53.7-64.7	719.05-708.05	772.20	772.75	11/14/2000 9/4/2001 9/17/2002 9/11/2003 8/16/2004 12/19/2005 8/21/2006 2/23/2009 3/29/2010 11/1/2011 11/16/2012	42.08 24.12 48.07 36.39 38.00 40.78 41.87 41.63 37.13 41.53 41.00	730.67 748.63 724.68 736.36 734.75 731.97 730.88 731.12 735.62 731.22 731.75

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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
W-2	35	23-35	703-691	723.30	726.00	11/14/2000 9/4/2001 9/17/2002 9/11/2003 8/16/2004 8/21/2006 9/224/07 2/23/2009 3/29/2010 11/1/2011 11/16/2012	16.51 17.33 18.35 12.62 14.05 18.56 16.30 15.54 14.75 16.43 18.10	709.49 708.67 707.65 713.38 711.95 707.44 709.70 710.46 711.25 709.57 707.90
W-4	19	9-19	703.64-693.64	710.30	712.64	11/14/2000 9/4/2001 9/17/2002 9/11/2003 8/16/2004 12/19/2005 8/21/2006 9/24/2007 2/23/2009 3/29/2010 11/1/2011 11/16/2012	9.49 9.84 8.57 6.71 6.28 7.74 9.09 9.94 6.22 5.80 6.69 9.35	703.15 702.80 704.07 705.93 706.36 704.90 703.55 702.70 706.42 706.84 705.95 703.29
W-4A	38.5	28.5-38.5	684.75-674.75	712.00	713.25	11/14/2000 9/4/2001 9/17/2002 9/11/2003 8/16/2004 12/19/2005 8/21/2006 9/24/2007 2/23/2009 3/29/2010 11/1/2011 11/16/2012 12/17/2013 12./8/2014	9.77 10.12 9.00 7.58 6.87 6.91 9.49 10.08 6.92 5.83 6.82 9.57 7.39 14.76	703.48 703.13 704.25 705.67 706.38 706.34 703.76 703.17 706.33 707.42 706.43 703.68 705.86 698.49
New Survey				709.86	712.64	10/27/2015 11/16/2016 10/11/2017 10/31/2018 9/11/2019 10/9/2020 10/27/2021 10/18/2022 11/28/2023	9.93 11.07 12.93 6.72 17.60 15.57 15.62 14.87 14.51	702.71 701.57 699.71 705.92 695.04 694.29 697.02 697.77 698.13

TABLE 1
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
W-4B	50	52.7		711.70	713.93	11/14/2000	10.71	703.22
						9/4/2001	11.11	702.82
						9/17/2002	10.27	703.66
						9/11/2003	NM	NM
						8/16/2004	7.90	706.03
						12/19/2005	7.79	706.14
						8/21/2006	10.59	703.34
						9/24/2007	11.00	702.93
						2/23/2009	6.50	707.43
						3/29/2010	5.78	708.15
						11/1/2011	7.58	706.35
						11/16/2012	10.50	703.43
W-5	60	50-60	702.06-692.06	750.86	752.06	11/14/2000	32.28	719.78
						9/4/2001	33.84	718.22
						9/17/2002	38.61	713.45
						9/11/2003	26.85	725.21
						8/16/2004	29.64	722.42
						12/19/2005	32.30	719.76
						8/21/2006	33.11	718.95
						9/24/2007	32.50	719.56
						2/23/2009	31.97	720.09
						3/29/2010	27.64	724.42
						11/1/2011	32.63	719.43
						11/16/2012	32.35	719.71
W-6	57	42-57	701.8-686.8	742.17	743.80	11/14/2000	30.43	713.37
						9/4/2001	31.59	712.21
						9/17/2002	35.47	708.33
						9/11/2003	22.78	721.02
						8/16/2004	27.95	715.85
						12/19/2005	30.36	713.44
						8/21/2006	30.81	712.99
						9/24/2007	29.86	713.94
						2/23/2009	28.53	715.27
						3/29/2010	24.32	719.48
						11/1/2011	30.13	713.67
						11/16/2012	30.15	713.65
W-6A	90	80-90	664.9-654.9	742.91	744.90	11/14/2000	32.45	712.45
						9/4/2001	33.70	711.20
						9/17/2002	36.67	708.23
						9/11/2003	24.62	720.28
						8/16/2004	30.20	714.70
						12/19/2005	32.51	712.39
						8/21/2006	32.85	712.05
						9/24/2007	32.15	712.75
						2/23/2009	30.39	714.51
						3/29/2010	26.17	718.73
						11/1/2011	32.99	711.91
						11/16/2012	33.17	711.73

TABLE 1
GROUND WATER ELEVATION DATA
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
W-6B	35	20-35	724.39-709.39	743.13	744.39	11/14/2000	29.75	714.64
						9/4/2001	30.98	713.41
						9/17/2002	33.71	710.68
						9/11/2003	22.34	722.05
						8/16/2004	27.00	717.39
						12/19/2005	29.44	714.95
						8/21/2006	29.97	714.42
						9/24/2007	28.86	715.53
						2/23/2009	27.99	716.40
						3/29/2010	23.70	720.69
						11/1/2011	28.03	716.36
						11/16/2012	27.33	717.06
W-12	60	50-60	685.84-675.84	734.14	735.84	12/19/2005	21.65	714.19
						8/21/2006	NM	NM
						9/24/2007	20.96	714.88
						2/23/2009	19.83	716.01
						3/29/2010	15.45	720.39
						11/1/2011	21.26	714.58
						11/16/2012	21.30	714.54
W-12A	25	10-25	725.74-710.74	733.62	735.74	12/19/2005	21.61	714.13
						8/21/2006	NM	NM
						9/24/2007	NM	NM
						2/23/2009	20.19	715.55
						3/29/2010	15.93	719.81
						11/1/2011	21.71	714.03
						11/16/2012	21.50	714.24
W-13	20	10-20	744.4-734.7	752.40	754.70	11/14/2000	DRY	--
						9/4/2001	DRY	--
						9/17/2002	DRY	--
						9/11/2003	24.25	730.45
						8/16/2004	14.30	740.40
						8/21/2006	DRY	--
						2/23/2009	35.97	718.73
						3/29/2010	4.30	750.40
						11/1/2011	18.61	736.09
						11/16/2012	dry	
W-14	23	8-23	715.9-700.9	721.3	723.90	12/19/2005	16.68	707.22
						8/21/2006	NM	NM
						9/24/2007	13.32	710.58
						2/23/2009	3.52	720.38
						3/29/2010	2.56	721.34
						11/1/2011	11.72	712.18
						11/16/2012	12.52	711.38
W-15	55	35-55	727.36-707.36	760.0	762.36	8/21/2006	NM	NM
						2/23/2009	NM	NM
						3/29/2010	NM	NM
						11/1/2011	40.96	721.40
						11/16/2012	40.27	722.09
W-16	38	28-38	714.01-704.01	739.8	742.01	9/17/2002	29.73	712.28
						9/11/2003	NM	NM
						8/16/2004	NM	NM
						8/21/2006	NM	NM
						2/23/2009	22.53	719.48
						3/29/2010	18.42	723.59
						11/1/2011	23.69	718.32
						11/16/2012	23.62	718.39

TABLE 1
GROUND WATER ELEVATION DATA
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
W-17	20.5	23	687.44	708.4	710.44	12/19/2005	6.97	703.47
						8/21/2006	9.40	701.04
						9/24/2007	11.00	699.44
						2/23/2009	7.80	702.64
						3/29/2010	4.62	705.82
						11/1/2011	9.86	700.58
						11/16/2012	10.20	700.24
W-18	41.5	31.5-41.5	722.21-712.21	751.4	753.71	12/19/2005	35.01	718.70
						8/21/2006	36.45	717.26
						9/24/2007	37.10	716.61
						2/23/2009	36.08	717.63
						3/29/2010	33.81	719.90
						11/1/2011	36.69	717.02
						11/16/2012	37.55	716.16
W-19	40	30-40	717.33-707.33	744.3	747.33	8/21/2006	NM	NM
						9/24/2007	29.14	718.19
						2/23/2009	28.75	718.58
						3/29/2010	24.68	722.65
						11/1/2011	29.22	718.11
						11/16/2012	29.00	718.33
W-20	10	5-10	712.24-707.24	715.14	717.24	12/19/2005	5.14	712.10
						8/21/2006	6.65	710.59
						9/24/2007	7.10	710.14
						2/23/2009	4.59	712.65
						3/29/2010	4.05	713.19
						11/1/2011	7.01	710.23
						11/16/2012	7.61	709.63
W-21	33.4	33.4	684.78	716.00	718.18	11/14/2000	15.73	702.45
						9/4/2001	16.41	701.77
						9/17/2002	17.15	701.03
						9/11/2003	14.00	704.18
						8/16/2004	14.94	703.24
						12/19/2005	14.18	704.00
						8/21/2006	15.59	702.59
						9/24/2007	15.91	702.27
						2/23/2009	14.60	703.58
						3/29/2010	9.48	708.70
						11/1/2011	15.02	703.16
						11/16/2012	15.70	702.48
W-23A	75	65-75	707.66-697.66	770.18	772.66	11/14/2000	41.41	731.25
						9/4/2001	42.91	729.75
						9/17/2002	45.30	727.36
						9/11/2003	31.29	741.37
						8/16/2004	38.17	734.49
						12/19/2005	42.06	730.60
						8/21/2006	40.94	731.72
						9/24/2007	42.30	730.36
						2/23/2009	40.10	732.56
						3/29/2010	36.44	736.22
						11/1/2011	41.74	730.92
						11/16/2012	41.65	731.01

TABLE 1
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
W-23B	55	40-55	731.89-716.89	769.60	771.89	11/14/2000	41.00	730.89
						9/4/2001	42.37	729.52
						9/17/2002	44.54	727.35
						9/11/2003	31.29	740.60
						8/16/2004	37.45	734.44
						12/19/2005	41.29	730.60
						8/21/2006	40.42	731.47
						9/24/2007	42.57	729.32
						2/23/2009	39.55	732.34
						3/29/2010	35.74	736.15
						11/1/2011	41.01	730.88
						11/16/2012	41.40	730.49
W-24	60	45-60	721.14-706.14	765.80	766.14	11/14/2000	40.45	725.69
						9/4/2001	42.61	723.53
						9/17/2002	NM	--
						9/11/2003	NM	--
						8/16/2004	NM	--
						12/19/2005	NM	--
						8/21/2006	NM	--
						2/23/2009	NM	--
						3/29/2010	NM	--
						11/1/2011	NM	--
						11/16/2012	NM	NM
W-25	58	43-58	727.27-712.27	770.80	770.27	11/14/2000	40.58	729.69
						9/4/2001	42.47	727.80
						9/17/2002	46.25	724.02
						9/11/2003	35.75	734.52
						8/16/2004	NM	NM
						12/19/2005	NM	NM
						8/21/2006	NM	NM
						2/23/2009	NM	NM
						3/29/2010	NM	NM
						11/1/2011	NM	NM
						11/16/2012	NM	NM
W-26	53	38-53	721.65-706.65	759.20	759.65	11/14/2000	NM	NM
						9/4/2001	NM	NM
						9/17/2002	40.62	719.03
						9/11/2003	NM	NM
						8/16/2004	NM	NM
						8/21/2006	NM	NM
						2/23/2009	NM	NM
						3/29/2010	NM	NM
						11/1/2011	NM	NM
						11/16/2012	NM	NM
W-27	58.5	43.5-58.5	721.7-706.7	765.50	765.20	11/14/2000	39.86	725.34
						9/4/2001	41.37	723.83
						9/17/02	NM	NM
						9/11/2003	NM	NM
						8/16/2004	NM	NM
						8/21/2006	NM	NM
						2/23/2009	NM	NM
						3/29/2010	NM	NM
						11/1/2011	39.05	726.15
						11/16/2012	37.61	727.59

TABLE 1
GROUND WATER ELEVATION DATA
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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
W-29	49.5	34.5-49.5	715.69-700.69	750.74	750.19	11/14/2000	28.22	721.97
						9/4/2001	29.68	720.51
						9/17/2002	28.01	722.18
						9/11/2003	NM	NM
						8/16/2004	NM	NM
						8/21/2006	NM	NM
						2/23/2009	NM	NM
						3/29/2010	NM	NM
						11/1/2011	NM	NM
						11/16/2012	NM	NM
W-30	53	38-53	722.77-707.77	761.00	760.77	11/14/2000	34.47	726.30
						9/4/2001	36.59	724.18
						9/17/2002	40.16	720.61
						9/11/2003	30.37	730.40
						8/16/2004	NM	NM
						12/19/2005	NM	NM
						8/21/2006	34.92	725.85
						9/24/2007	33.67	727.10
						2/23/2009	32.79	727.98
						3/29/2010	28.64	732.13
						11/1/2011	33.73	727.04
						11/16/2012	33.58	727.19
RW-NIS1	40	20-40	--	--	--	12/19/2005	10.51	--
						2/23/2009	9.43	--
						3/29/2010	8.72	--
						11/1/2011	3.79	--
						11/16/2012	5.57	--
RW-SIS1	50	30-50	--	--	--	12/19/2005	11.59	--
						2/23/2009	NM	--
						3/29/2010	NM	--
						11/1/2011	NM	--
						11/16/2012	NM	--
RW-SIS2	40	20-40	--	--	--	12/19/2005	6.48	--
						2/23/2009	7.47	--
						3/29/2010	6.98	--
						11/1/2011	6.11	--
						11/16/2012	8.84	--
RW-SIS3	40	20-40	--	--	713.60	12/19/2005	6.67	706.93
						2/23/2009	5.15	708.45
						3/29/2010	4.05	709.55
						11/1/2011	4.82	708.78
						11/16/2012	5.43	708.17
RW-SIS4	45	15-45	--	--	713.16	12/19/2005	4.38	708.78
						2/23/2009	9.99	703.17
						3/29/2010	2.51	710.65
						11/1/2011	4.27	708.89
						11/16/2012	4.00	709.16
RW-SIS5						12/19/2005	9.22	--
						2/23/2009	9.22	--
						3/29/2010	5.50	--
						11/1/2011	9.56	--
						11/16/2012	8.50	--

TABLE 1
GROUND WATER ELEVATION DATA
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE
JAMESTOWN, NORTH CAROLINA

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MONITOR WELL I.D.	TOTAL DEPTH (feet BGL)	SCREENED INTERVAL		GROUND ELEVATION (feet MSL)	TOP OF CASING ELEVATION (feet MSL)	GAUGING DATE	DEPTH TO WATER (feet BTOC)	GROUND WATER ELEVATION (feet MSL)
		Depth (feet BGL)	Elevation (feet MSL)					
RW-SIS6						12/19/2005	5.28	--
						2/23/2009	6.15	--
						3/29/2010	4.70	--
						11/1/2011	5.73	--
						11/16/2012	6.70	--
RW-LFS1	50	30-50	--	-	696.44	12/19/2005	14.71	681.73
						2/23/2009	12.09	684.35
						3/29/2010	10.97	685.47
						11/1/2011	11.88	684.56
						11/16/2012	11.74	684.70
RW-LFS2	50	30-50	--	--	697.48	12/19/2005	19.39	678.09
						2/23/2009	13.16	684.32
						3/29/2010	12.05	685.43
						11/1/2011	13.49	683.99
						11/16/2012	12.96	684.52

NM = Not measured

BGL = Below ground level

MSL = Mean sea level

BTOC = Below top of well casing

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	VOLATILE ORGANIC COMPOUNDS (ug/L)																								
		Total VOCs and 1,4-Dioxane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-
MW-1	1/28/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/5/2009	17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	15.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND
	3/31/2010	0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND
	11/2/2011	0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3.0	>5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	11/20/2012	54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	54.4	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	1/21/2013	ND	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	12/9/2013	ND	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	ND
	12/8/2014	ND	<1	<1	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND
	10/26/2015	ND	<1	<1	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND
	11/14/2016	ND	<1	<1	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND
	10/11/2017	ND	<1	<1	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND
	11/1/2018	ND	<1	<1	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	9/10/2019	ND	<1	<1	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND
	10/13/2020	ND	<1	<1	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND
	10/26/2021	ND	<1	<1	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND
	10/12/2022	ND	<1	<1	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND
	11/28/2023	ND	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND
MW-2A	1/24/1997	4	4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2C	1/24/1997	620	160	ND	260	98.0	30.0	ND	ND	ND	7 J	ND	3 J	10 J	ND	ND		ND	ND	6 J	ND	ND	13.0	31.0	ND	2.0
	7/15/1998	600	ND	100	290 D	140	ND	ND	ND	ND	5.0	ND	ND	ND	ND	ND	3.8	ND	ND	6.0	ND	ND	9.0	50.0	ND	ND
	2/24/2009	102	<1.0	<1.0	41.1	<1.0	2.8	<1.0	49	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND	
MW-3A	8/6/1996	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/1997	24	ND	ND	ND	ND	ND	ND	ND	ND	3 J	ND	15	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	6
MW-3B	7/15/1998	139	ND	ND	ND	ND	ND	ND	120 J	ND	3 J		14	2 J	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/26/2000	186	<5	<5	<5	<5	<5	<5	160	NA	<5		26	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<10	ND
	9/6/2001	139	<5	<5	<5	<5	<5	<5	126	<10	<5		12.6	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND
MW-3C	8/6/1996	273	11	ND	150	31	5.0	ND	ND	ND	6	ND	37	ND	ND	ND	ND	ND	2 J	4J	ND	ND	14	13	ND	ND
	1/28/1997	197	6	ND	92	21	3.0	ND	ND	ND	ND	ND	41	14	ND	ND	NA	ND	1 J	ND	ND	ND	9	10.0	ND	ND
	9/26/2000	138	<5	<5	41	7.2	<5	<5	<100	NA	<5	<5	32	<10	<5	<5	21	<5	<5	<5	37	<5	<5	<10	<10	ND
	9/5/2001	178	<5	<5	22.6	<5	<5	<5	117	<10	<5	<5	24.2	<10	<5	<5	14.6	<5	<5	<5	<5	<5	<5	<10	<5	ND
	9/18/2002	152	<5	<5	18.4	<5	<5	<5	94.6	<10	<5	<5	27.3	<10	<5	<5	12	<5	<5	<5	<5	<5	<5	<10	<5	ND
	9/19/2003	103	<5	<5	<5	<5	<5	<5	90	<10	<5	<5	13.4	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND
	8/17/2004	132	<5	<5	19.4	<5	<5	<5	71	<10	<5	<5	30.0	<10	<5	<5	12.4	<5	<5	<5	<5	<5	<5	<10	<5	ND
	2/27/2009	589	<1.0	<1.0	104	20.3	4.4	<1.0	160	<5.0	3.0	<1.0	151	32.7	<1.0	<1.0										

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

[illegible]

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SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

[illegible]

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-
MW-12B	1/23/1997	16	6	ND	2 J	ND	ND	ND	ND	ND	ND	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	7/10/1998	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	9/28/2000	567	>5	>5	>5	>5	>5	510	>5	>5	>5	18	<10	>5	>5	11.0	>5	28	>5	>5	>5	>5	<10	>5	ND	
	9/6/2001	371	>5	>5	>5	>5	>5	359	<10	>5	>5	12	<10	>5	>5	>5	>5	>5	>5	>5	>5	>5	<10	>5	ND	
	9/20/2002	221	>5	>5	>5	>5	>5	211	<10	>5	>5	10.2	<10	>5	>5	>5	>5	>5	>5	>5	>5	>5	<10	>5	ND	
	9/16/2003	262	>5	>5	>5	>5	>5	250	<10	>5	>5	12.4	<10	>5	>5	>5	>5	>5	>5	>5	>5	>5	<10	>5	ND	
	8/18/2004	196	>5	>5	>5	>5	>5	182	<10	>5	>5	13.7	<10	>5	>5	>5	>5	>5	>5	>5	>5	>5	<10	>5	ND	
	3/4/2009	224	<1.0	<1.0	<1.0	<1.0	<1.0	199	17.6	<1.0	<1.0	5.8	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND	
	4/9/2010	191	<1.0	<1.0	<1.0	<1.0	<1.0	176	12.6	<1.0	<1.0	2.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	
	11/2/2011	62	<0.5	<0.5	<0.5	<0.5	<0.5	43	<5	<0.5	<0.5	13.0	<0.5	<0.5	<0.5	3.6	<0.5	<0.5	<0.5	<0.5	<0.5	1.5	<0.5	<0.5	1.1	
	11/19/2012	69	<10	<10	<10	<10	<10	68.5	<100	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ND	
	12/10/2013	83	>5	>5	>5	>5	>5	71.4	<50	<5	<5	11.3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	ND	
	12/11/2014	158	<1.0	<1.0	<1.0	<1.0	<1.0	132	6.3	0.64 J	<1.0	12.0	<1.0	<1.0	<1.0	3.4	<1.0	<1.0	<1.0	<1.0	<1.0	0.73 J	<1.0	<3	4.2	
	10/27/2015	123	>1	>1	>1	>1	>1	117	<5	<1	<1	4.7	<1	<1	<1	1.1 J	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	11/14/2016	164	>1	>1	>1	>1	>1	150	<20	0.5 J	<1	11.0	<1	<1	<1	2.7 J	<1	<1	<1	<1	<1	0.58 J	<1	<3	3.4	
	10/10/2017	181	>1	>1	>1	>1	>1	170	<20	0.94 J	<1	8.3	<1	<1	<1	2.3 J	<1	<1	<1	<1	<1	0.61 J	<1	<3	2.7	
	11/1/2018	112	>1	>1	>1	>1	>1	95	<20	0.51 J	<1	11	<1	<1	<1	2.7	<1	<1	<1	<1	<1	<1	<1	<3	3.1	
	9/11/2019	133	>1	>1	>1	>1	>1	120	<20	0.48 J	<1	10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	3.1	
	10/13/2020	125	>1	>1	>1	>1	>1	110	<20	0.75 J	<1	9.5	<1	<1	<1	2.8	<1	<1	<1	<1	<1	<1	<1	<2	3.0	
	10/26/2021	120	>1	>1	>1	>1	>1	110	<20	0.75 J	<1	7.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	2.2	
	10/17/2022	111	>1	>1	>1	>1	>1	99	<20	<1	<1	8.0	<1	<1	<1	1.5	<1	<1	<1	<1	<1	<1	<1	<3	2.3	
	11/2/2023	112	>1	>1	>1	>1	>1	100	<20	1.5	>1	7.0	<1	<1	>1	1.6	>1	>1	>1	>1	>1	>1	>1	>3	2.3	
MW-12D	9/10/1998	ND	ND		ND	ND	ND	ND	ND	ND		ND	ND	ND		NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	
	9/29/2000	132	<5	>5	>5	<5	<5	<5	120	NA	<5	<5	<10	<5	<5	<5	<5	12	<5	<5	<5	<5	<10	<10	ND	
	9/12/2001	54	>5	>5	>5	>5	>5	14.4	39.6	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/20/2002	31	>5	>5	>5	>5	>5	<10	21.9	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	9.5	
	10/22/2003	ND	>5	>5	>5	>5	>5	<10	<10	<5		<5	<10	>5		<5	<5	<5	<5	<5	<5	<10	<5	ND		
	3/5/2009	ND	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND		
	4/1/2010	6	<1.0	<1.0	<1.0	<1.0	<1.0	2.58	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.15	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	
	11/3/2011	11	<0.5	<0.5	0.99	<0.5	<0.5	3.0	<5	<0.5	<0.5	2.22	<0.5	<0.5	<0.5	1.42	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
	11/23/2012	79	<0.5	<0.5	<0.5	<0.5	<0.5	77.6	<5	<0.5	<0.5	1.30	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
	12/12/2013	ND	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
	12/11/2014	1740	41	2.2	29	41	770	5.3	5.3	12	6.3	480	<1.0	<1.0	<1.0	5	<1.0	66	47	32	<1.0	180	2.2	7.1	8.6	
	10/25/2015	ND	<1	<1	<1	<1	<1	4.29 J	<5	<1	<1	1.1 J	<1	<1	<1	0.49 J	<1	<1	<1	<1	<1	0.56 J	<1	<3	ND	
	11/18/2016	ND	<1	<1	0.48 J	0.41 J	<1	4.9 J	<20	<1	<1	0.76 J	<1	<1	<1	0.79 J	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	10/11/2017	8	<1	<1	<1	<1	<1	8.2 J	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	11/1/2018	16	<1	<1	0.82 J	1.4	<1	7.2	<20	<1	<1	0.95 J	<1	<1	<1	4.1	<1	<1	<1	<1	<1	1.8	<1	<3	ND	
	9/11/2019	4	<10	<10	<10	<10	<10	3.7	<200	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<30	ND	
	10/13/2020	3	<1	<1	<1	<1	<1	3.1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	ND	
	10/26/2021	3	<1	<1	<1	<1	<1	2.9	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	ND	
	10/17/2022	ND	<1	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	0.47 J	<1	<1	<1	<1	<1	<3	ND	
	11/2/2023	2	<1	<1	<1	<1	<1	2.0	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
MW-14	8/6/1996	147	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	ND	ND		ND	ND	ND	ND	ND	ND	7 J	ND	ND	
	1/29/1997	2,118	ND	ND	1 J	ND	ND	1,700 J	ND	2 J	ND	180	ND	ND	ND		ND	ND	ND	ND	ND	3 J	7 J	1 J	46	

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-	
MW-15A	1/30/1997	2,266	ND	ND	ND	ND	ND	ND	1,700	ND	9 J	ND	520	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	37.0	
	9/5/2001	3,157	>5	<5	<5	<5	<5	<5	2,640	<10	<5		517	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/18/2002	2,140	>5	<5	<5	<5	<5	<5	1,500	<10	<5		635	<10	<5		5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/17/2003	2,424	<25	<25	<25	<25	<25	<25	1,910	<50	<25		514	<50	<25		<25	<25	<25	<25	<25	<25	<25	<50	<25	ND	
	8/18/2004	3,209	<25	<25	<25	<25	<25	<25	2,720	<50	<25		489	<50	<25		<25	<25	<25	<25	<25	<25	<25	<50	<25	ND	
	3/6/2009	2,238	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	1,900	<5.0	<1.0	<1.0	335	<1.0	<1.0	<1.0	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND	
	3/31/2010	1,211	<1.0	<1.0	<1.0	<1.0	<1.0	1.26	1,170	<5.0	<1.0	<1.0	32.7	<1.0	<1.0	<1.0	7.48	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	
	11/2/2011	940	<0.5	<0.5	<0.5	<0.5	<0.5	1.23	480	<5	1.27	<0.5	430	<0.5	<0.5	<0.5	1.64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.92	14.96
	11/19/2012	2,324	<10	<10	<10	<10	<10	<10	1,920	<100	<10	<10	404	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ND	
	12/10/2013	3,308	<5	<5	<5	<5	<5	<5	2,950	<50	<5	<5	350	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	8.2	
	12/9/2014	2,405	<5	<5	<5	<5	<5	<5	1,970	<25	<5	<5	430	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<15	4.6	
	10/27/2015	2,159	<5	<5	<5	<5	<5	<5	1,740	<25	<5	<5	410	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<15	9.0	
	11/14/2016	2,334	>1	>1	>1	<1	<1	1.4	2,200	<20	0.49 J	<1	110	<1	<1	<1	5.3	<1	<1	<1	<1	<1	0.45 J	0.93 J	<3	17.3	
	10/11/2017	2,734	>1	>1	>1	<1	<1	1.8	2,600	<20	0.51 J	<1	110	<1	<1	<1	5.8	<1	<1	<1	<1	<1	0.43 J	0.69 J	<3	16.1	
	10/31/2018	1,796	<1	<1	<1	<1	<1	0.42 J	1,600	<20	0.67J	<1	190	<1	<1	<1	0.45J	<1	<1	<1	<1	<1	<1	<1	<3	6.2	
	9/10/2019	1,590	<5	<5	<5	<5	<5	<5	1,400	<100	<5	<5	190	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<15	ND		
	10/8/2020	1,449	<2	<2	7.7	9.9	<2	<2	1,100	<40	0.92 J	<2	300	<2	<2	<2	17.0	<2	<2	<2	2.6	<2	<2	5.4	<4	9.0	
	10/28/2021	1,262	>1	>1	<1	<1	<1	<1	1,200	<20	<1	<1	60	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	1.9	
	10/18/2022	1,004	<1	<1	<1	<1	<1	0.46 J	830	<20	<1	<1	170	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	3.6	
	11/28/2023	1,053	<1	<1	<1	<1	<1	<1	920	<20	<1	<1	130	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	3.1	
MW-15B	1/30/1997	330	ND	ND	ND	ND	ND	ND	210 J	ND	1 J	ND	110	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	9.0	
MW-16	1/21/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-17	3/5/2009	305	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	258	30.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.8	<1.0	<1.0	1.7	<1.0	<1.0	5.9	3.2	<2.0	ND	
MRF-1	1/21/1997	63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	63.0	ND	ND	ND	
	7/13/1998	53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	53.0	ND	ND	ND	
	2/24/2009	65	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	28.3	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.9	<1.0	<1.0	<1.0	<1.0	<1.0	29.9	<1.0	<2.0	ND	
MRF-2	1/21/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	
OW-NIS1	3/10/2009	214	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	180	9.9	<1.0	<1.0	20.6	<1.0	<1.0	<1.0	<1.0	<1.0	3.4	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND	
OW-DR1	9/28/2000	26,291	360	<5	4,300	1,000	150	<5	2,900		150		6,600	3,300	<5		4,100	33	310	18	420	26	14	2,400	210	ND	

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-
OW-DR2	7/21/1998	11,612	400 J		1,500 D	480 J	ND		3,400 J	ND	150		2,900 D	1,100 D					ND	40 J	460 J		22	ND	250 J	910
	9/26/2000	25,240	460	<5	4,200	1,400	220	<5	4,900	NA	170		5,600	1,300	<5		3,500	25	120	19	260	77	28	2,800	161	ND
	9/10/2001	27,394	695	<5	4,950	1,330	208	<5	3,450	<10	145		5,980	1,380	<5		5,700	27	107	36	271	11.3	27.8	2,880	196	ND
	2/27/2009	25,306	1,230	7.3	3,550	1,580	141	1.3	4,180	46.8	113	<1.0	5,380	1,030	4.3	41.4	6,320	21.1	41.4	47.2	201	17.4	29.5	1,190	120	13.6
	3/30/2010	24,982	1,330	<1.0	3,330	1,790	123	<5.0	3,910	<5.0	127	<1.0	5,510	1,090	<1.0	<1.0	6,400	<1.0	<1.0	<1.0	182	<1.0	<1.0	1,190	ND	ND
	11/1/2011	22,265	1,910	<25	3,000	2,050	121	<25	990	<250	101	<25	4,130	2,350	<25	<25	6,290	<25	<25	<25	153	<25	<25	1,100	38	32.0
	11/23/2012	19,775	1,620	<50	2,230	1,430	<50	<50	2,180	<500	<50	<50	4,810	1,760	<50	<50	4,650	<50	<50	<50	177	<50	<50	918	<50	ND
	12/11/2013	24,766	1,920	<50	2,730	1,920	120	<50	3,130	<500	154	<50	4,800	1,890	<50	<50	6,600	<50	<50	<50	172	<50	<50	1,330	<100	ND
	12/12/2014	6,977	11	<100	19	15	3	<100	2,160	<5	1.1	1.8	4,500	<1.0	<1.0	<1.0	45	<100	<1.0	<100	160	<1.0	<100	13	48	ND
	10/30/2015	12,595	720	<20	1,300	800	71	<20	1,630	<100	79	<20	3,400	480	<20	<20	3,200	<20	<20	24	95	14 J	22	750	24 J	ND
	11/18/2016	11,740	830	<20	1,300	860	150	<20	1,800	<400	65	<20	2,800	340	8.8 J	<20	2,800	9.4 J	<20	19 J	65	12 J	20	710	21 J	ND
	10/10/2017	4,103	100	<5	590	290	48	<5	990	<50	23	<100	920	45	<5	<5	840	<5	<5	5.9	5.4	4.7 J	5.4	240	4.5 J	ND
	11/2/2018	1,882	20	<10	250	110	16	<10	560	<200	8.9 J	<10	380	13	<10	<10	430	<10	<10	<10	<10	<10	<10	94	<30	ND
	9/11/2019	1,178	12	<5	200	84	11	<5	250	<100	7	<5	260	12	<5	<5	290	<5	<5	<5	<5	<5	<5	52	<15	ND
	10/13/2020	1,060	10	<5	220	86	15	<5	280	<100	<5	<5	71	15	<5	<5	310	<5	<5	2.3 J	<5	2.6 J	<5	53	<10	ND
	10/28/2021	742	5.2	<5	130	54	6.0	<5	250	<100	<5	<5	36	11	<5	<5	230	<5	<5	<5	<5	<5	<5	20	<10	ND
	10/18/2022	529	5.2	<5	130	50	7.8	<5	170	<100	<5	<5	72	23	<5	<5	220	<5	<5	<5	<5	<5	<5	21	<5	ND
	11/29/2023	831	3.2	<1	130	89	7.4	<1	170	<20	3	<1	150	23	<1	<1	220	<1	<1	1.3	<1	2	1.7	30	<3	0.31 J
OW-DR3	9/20/2002	3,989	<5	<5	221	<5	15.4	<5	1,050	<10	11.3		1,840	778	<5		8.9	<5	29.5	<5	<5	<5	<5	35.3	<5	ND
	9/19/2003	2,815	<5	<5	201	<5	14.7	<5	690	<10	6.1		1,390	455	<5		11.1	<5	12	<5	<5	<5	<5	35.5	<5	ND
	8/24/2004	4,403	<50	<50	452	<50	14.0	<50	1,260	<100	<50		1,910	675	<50		<50	<50	<50	<50	<50	<50	<50	106	<50	ND
	10/12/2004	3,438	<5	<5	353	<5	14.2	<5	916	<10	6.9		1,480	553	<5		26.2	<5	11.5	<5	<5	<5	<5	77.1	<5	ND
	3/4/2009	2,184	<1.0	<1.0	251	5.3	25.1	<1.0	552	<5.0	3.3	<1.0	984	267	<1.0	5.8	38.7	<1.0	5.0	1.3	2.4	<1.0	2.6	40.6	<2.0	ND
	11/26/2012	2,352	<0.5	<0.5	226 J	14.7	23.3	<0.5	471	<5	<0.5	<0.5	1,020	359	<0.5	<0.5	73.4	<0.5	5.5	2.06	2.16	1.21	6.55	92.8	0.61	279.57
	12/10/2013	2,757	<5	<5	374	43.6	26.4	<5	793	<50	<5	<5	1,060	249	<5	<5	112.0	<5	<5	<5	<5	<5	7.70	85.3	<10	6.30
OW-DR4	9/23/2002	20,502	1,860	<5	4,320	2,010	226	<5	1,570	<10	121		323	282	<5		7,630	5.4	27.6	55.3	27.3	11.7	66.1	1,880	86.7	ND
	9/22/2003	22,030	1,350	<50	4,850	1,860	181	<50	2,200	<100	107		562	311	<50		8,960	<50	<50	<50	<50	<50	65.4	1,530	53.5	ND
	8/24/2004	20,516	1,840	<250	4,630	2,100	298	<250	1,480	<500	<250		608	<250	<250		7,880	<250	<250	<250	<250	<250	<250	1,680	<250	ND
	10/12/2004	9,067	810	<5	3,110	1,230	167	<5	2,190	<10	77		353	<10	<5		<5	<5	<5	35.3	<5	18.8	39.3	987	50.0	ND
	10/20/2004	20,733	1,700	<250	4,480	2,240	<250	<250	2,120	<500	<250		522	<500	<250		8,030	<250	<250	<250	<250	<250	<250	1,590	51.0	ND
	2/25/2009	15,223	1,490	6.2	2,570	1,510	156	<1.0	1,300	56.0	96.4	<1.0	659	127	7.1	3.9	6,350	4.3	<1.0	44.9	12.9	17.7	96.3	677	38.5	ND
OW-SIS-1	8/17/2004	9,885	1,770	6.0	768	1,580	201	<5	811	<10	95		111	<10	18.3		3,150	<5	160	215	<5	<5	774	213	12.8	ND
	3/9/2009	16,834	2,820	11.6	1,280	2,950	256	<10.0X	1,360	107	180	<10.0X	179	54.1	29.6	<10.0X	5,200	<10.0X	146	412	<10.0X	<10.0X	1,540	288	20.9	ND

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-
OW-SIS-2	2/24/2009	3,111	79.8	<1.0	579	277	26	<1.0	418	17.8	38.2	<1.0	29	14.8	<1.0	<1.0	1,030	4.9	356	3.8	36.1	2.1	3.9	167	28.2	ND
OW-SIS-3	3/4/2009	41,840	9,110	14.4	4,320	4,640	172	2.7	2,540	158	167	<1.0	147	23.5	34.9	<1.0	13,600	46.2	3,330	103	132	72.6	1,620	1,400	207	ND
OW-SF1	3/9/2009	57,440	2,920	48.4	4,980	5,530	1,860	<10.0X	6,670	242	89.6	<10.0X	2,160	1,840	194	<10.0X	20,400	15.7	680	437	618	40.2	1,290	7,240	185	ND
OW-LFS-1	2/26/2009	782	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	723	12.8	4.5	<1.0	20.8	12.0	<1.0	<1.0	4.3	2.4	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<2.0	ND
OW-LFS-2	2/26/2009	363	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	329	9.0	2.4	<1.0	9.4	3.5	<1.0	<1.0	7.1	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<2.0	ND
	3/30/2010	281	<1.0	<1.0	2.33	<1.0	<1.0	<1.0	251	<5.0	2.17	<1.0	9.92	2.74	<1.0	<1.0	11.8	<1.0	<1.0	<1.0	<1.0	<1.0	1.15	<1.0	ND	ND
	11/1/2011	110	<0.5	<0.5	3.23	<0.5	<0.5	<0.5	65	<5	4.52	<0.5	10.1	1.90	<0.5	<0.5	20.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	<0.5	3.5
	11/19/2012	276	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	274	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	12/11/2013	421	<5	<5	<5	<5	<5	<5	391	<50	<5	<5	<5	<5	<5	<5	29.6	<5	<5	<5	<5	<5	<5	<5	<10	ND
	12/12/2014	306	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	255	8.1	6.2	<1.0	15	3.8	<1.0	<1.0	12	<1.0	<1.0	<1.0	0.48 J	<1.0	0.54 J	1.7	0.75 J	3.7
	10/26/2015	285	<1.0	<1.0	1.8 J	<1.0	<1.0	<1.0	253	<5	4.5	<1.0	11	<1.0	<1.0	<1.0	13	<1.0	<1.0	<1.0	<1.0	<1.0	0.93 J	<1.0	0.45 J	3.4
	11/14/2016	276	<1.0	<1.0	1.2 J	<1.0	<1.0	<1.0	250	12 J	2.4	<1.0	11	0.76 J	<1.0	<1.0	9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3	3.2
	10/10/2017	248	<1	<1	1.1 J	<1	<1	<1	240	<20	1.4	<1	4.6	1.5 J	<1	<1	4.6 J	<1	<1	<1	<1	<1	<1	<3	0.50 J	2.0
	10/31/2018	404	<1	<1	<1	<1	<1	<1	360	<20	32.0	<1	9.3	1.3	<1	<1	0.80 J	<1	<1	<1	<1	<1	<1	<1	<3	1.2
	9/12/2019	213	<1	<1	0.8 J	<1	<1	<1	210	<20	0.48 J	<1	3.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND
	10/12/2020	153	<1	<1	0.74 J	<1	<1	<1	150	<20	1.2	<1	2.0	0.53 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	ND
	10/28/2021	284	<1	<1	0.79 J	<1	<1	<1	270	<20	7.0	<1	3.8	1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.4	<2	ND
	10/17/2022	223	<1	<1	0.78 J	<1	<1	<1	220	<20	1.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.48 J	<3	ND
	11/28/2023	233	<1	<1	0.4 J	<1	<1	<1	220	<20	3.7	<1	3.0	5.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	0.79 J
PW-1D	1/24/1997	659	ND	ND	1 J	1 J	ND	ND	530 J	ND	ND	7	ND	ND	ND	ND		ND	ND	ND	ND	ND	120	ND	ND	ND
	7/15/1998	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	110	ND	ND	ND
PW-2D	2/7/1997	28	ND	ND	10	ND	ND	ND	ND	10 J	ND	ND	ND	4 J	ND	ND		ND	4 J	ND	ND	ND	ND	ND	ND	ND
	7/18/1998	11	ND	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	2 J	ND	ND	ND	ND	ND	ND	ND
	2/26/2009	21	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	19.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND
PW-3D	2/7/1997	42,680	4,100	ND	370 J	790	15,000	ND	ND	ND	260 J	ND	16,000	ND	ND	ND	ND	ND	1,300	990	740	ND	3,600	ND	ND	160
	7/17/1998	21,462	ND	650 D	ND	520 J	8,100 D	ND	ND	ND	160	ND	8,600	3 J	2 J	ND	ND	13	680	610 D	ND	ND	2,000 D	54.0	49.0	21.0
	4/9/2010	22,149	<1.0	<1.0	393	82.5	8,840	<1.0	39.8	18.4	5.46	<1.0	174	<1.0	<1.0	<1.0	36.1	<1.0	99.1	137.0	7.72	<1.0	419	11.6	ND	ND
	11/3/2011	damaged																								
	11/27/2012	8,532	54	<50	293	203	4,830	<50	55	<500	<50	<50	2,150	<50	<50	<50	54.0	<50	<50	222	82	<50	589	<50	<50	ND
	12/17/2013	27,696	993	9.0	491	1,180	12,800	<5	19.5	<50	137	<5	7,250	<5	<5	<5	59.4	<5	979	723	338	<5	2,540	58.4	12.3	106.5
	12/11/2014	73,348	1,500	<200	610	2,800	14,000	<200	67.6	<100	310	240	32,000	<200	<200	<200	100	<200	1,100	8,900	1,300	<200	9,300	150	180	790
	10/29/2015	67,602	2,300	<200	660	2,100	17,000	<200	112	<1000	350	<200	32,000	<200	<200	<200	380	86 J	1,000	3,300	1,400	<200	7,000	120 J	>600	160 J
	11/16/2016	45,170	970	<100	400	870	20,000	<100	120	<2000	190	<100	16,000	<100	<100	<100	110	<100	1,100	1,300	610	<100	3,500	<100	<300	470 J
	10/11/2017	70,050	1,700	<200	730	2,000	20,000	<200	180	<4000	330	<200	31,000	<200	<200	<200	280	<200	1,700	3,700	1,200	<200	7,100	120 J	130	760 J
	11/2/2018	61,400	1,600	<200	660	2,000	17,000	<200	170	<4000	320	<200	27,000	<200	<200	<200	510	<200	1,400	3,100	1,100	<200	6,100	130 J	100 J	110 J
	9/11/2019	31,290	860	<200	480	1,100	14,000	<200	140	<200	190 J	<200	11,000	<200	<200	<200	350	<200	1,300	620	470	<200	<200	<200	<600	780 J
	10/14/2020	76,030	1,700	<200	800	2,900	20,000	<200	160	<4000	450	<200	32,000	<200	<200	<200	540	<200	1,800	4,800	1,300	<200	8,400	190	210	780
	10/27/2021	42,540	890	<500	660	1,500	17,000	<500	160	<10000	280	<500	18,000	<500	<500	<500	380	<500	1,800	1,200	670	<500	4,200	<500	<1500	ND
	10/12/2022	43,440	620	<500	540	1,300	12,000	<500	180	<10000	240	<500	20,000	<500	<500	<500	380	<500	1,400	1,900	680	<500	4,200	<500	<1500	ND
	11/27/2023	68,743	390	<1.0	410	1,100	16,000	0.92 J	110	93.0	200	<1.0	22,000	<1.0	2.4	<1.0	370	26	1,000	1,600	560	2.1	2,400	82	92	304

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-
PW-4I	1/29/1997	1,086	19.0	ND	440	19.0	280	ND	ND	ND	3 J	ND	210	10 J	ND	ND	ND	ND	ND	4 J	4 J	ND	7 J	100	4 J	ND
	7/13/1998	1,012	ND	ND	240 D	26 J	200 D	ND	ND	ND	3 J	ND	110 J	ND	ND	ND	140 J	ND	ND	10 J	2 J	ND	11 J	130 DJ	ND	140
	9/26/2000	1,063	37.0	<5	290	28.0	200	<5	<100	<5	<5	ND	160	<10	<5	<5	190	<5	<5	8	<5	<5	30	120	<10	ND
	9/12/2001	1,532	47.8	<5	378	49.2	256	<5	108	<10	<5	<5	211	<10	<5	<5	277	<5	<5	30.6	<5	<5	47.4	127	<5	ND
	9/19/2002	1,861	55.8	<15	451	64	306	<15	156	<30	<15	<5	253	<30	<15	<5	336	<15	<15	33.7	<15	<15	53.1	152	<15	ND
	10/22/2003	1,781	95.3	<5	340	84	247	<5	232	<10	<5	<5	228	<10	<5	<5	361	<5	<5	18.7	<5	<5	27.5	147	<5	ND
	8/26/2004	1,997	78.1	<20	359	78.9	409	<20	215	<40	<20	<5	266	<40	<20	<5	357	<20	<20	39.9	<20	<20	50.6	143	<20	ND
	3/5/2009	1,441	45.2	<2.0X	227	66.5	192	<2.0X	204	15.4	<2.0X	<2.0X	172	6.4	<2.0X	<2.0X	288	<2.0X	<2.0X	51.4	<2.0X	<2.0X	67.2	106	<4.0X	ND
	4/2/2010	1,143	<1.0	<1.0	220	38.8	178	<1.0	224	8.12	2.32	<1.0	132	3.78	<1.0	<1.0	195	<1.0	3.19	21.3	<1.0	<1.0	28.5	87.6	ND	ND
	11/2/2011	1,077	456	<5	8.84	48.7	101	<5	44	<50	<5	<5	74.2	<5	<5	<5	204	<5	<5	17.3	<5	<5	118	4.99	<5	ND
	11/20/2012	1,086	28.9	<0.5	122	65.5	135	<0.5	175	<50	<5	<5	84.3	<5	<5	<5	276	<5	<5	30	<5	<5	87.8	81.3	<5	ND
	12/17/2013	1,276	62.2	<5	134	67.1	139	<5	143	<50	<5	<5	82.4	<5	<5	<5	406	<5	<5	9.4	<5	<5	110	123	<10	ND
	12/8/2014	864	35	<5	73	48	87	<5	196	<25	<5	<5	63	3.1 J	<5	<5	210	<5	<5	28	<5	<5	74	50	<15	ND
	10/29/2015	942	33	<2	75	43	55	<2	206	<10	2.0	<2	88	<2	<2	<2	240	<2	<2	44	<2	1.3 J	95	57	<6	3.9
	11/17/2016	933	59	<2	75	51	74	<2	210	<40	2.0	<2	71	<2	<2	<2	230	<2	<2	31	<2	1.5 J	80	47	<6	3.3
	10/11/2017	906	46	<2	72	42	49	<2	240	<40	2.0	<2	77	3.5 J	<2	<2	230	<2	<2	30	<2	1.7 J	70	45	<6	2.9
	11/2/2018	853	46	<2	57	42	36	<2	220	<40	1.6 J	<2	78	2.8	<2	<2	230	<2	<2	26	<2	1.3 J	64	46	<6	2.7
	9/11/2019	720	32	<5	69	37	36	<5	200	<100	<5	<5	60	<5	<5	<5	230	<5	<5	13	<5	<5	<5	43	<15	ND
	10/14/2020	789	30	<5	62	41	37	<5	160	<100	2.8 J	<5	100	<5	<5	<5	220	<5	<5	32	2.0 J	<5	65	42	<10	3.5
	10/27/2021	585	26	<5	43	32	22	<5	180	<100	2.1 J	<5	60	<5	<5	<5	170	<5	2.2 J	12	2.0 J	<5	41	33	<10	2.6
	10/18/2022	485	9.0	<5	39	17	20	<5	150	<100	<5	<5	53	<5	<5	<5	120	<5	<5	9	<5	<5	30	35	<15	3.0
	11/2/2023	400	3.3	<1.0	19	18	10	<1.0	160	>20	1.7	<1.0	28	<1.0	<1.0	<1.0	110	<1.0	<1.0	3	0.51 J	1.1	18	24	<3	3.4
PW-5D	1/30/1997	426	ND	ND	20.0	ND	2.0	ND	ND	76.0	2 J		140	33.0	8.0		NA	ND	26	ND	10	ND	ND	18	ND	91
	7/14/1998	6,293	96 J	ND	550 D	ND	38.0	ND	1,300	ND	61 J		3,800	ND	ND		22.0	19 J	ND	9 J	260 D	3 J	5 J	ND	99 J	31
	9/26/2000	13,327	360	<5	2,400	500	150	<5	2,300		110		4,300	220	<5		1,600	21	6.3	17	180	31	28	1,000	104	ND
	9/10/2001	13,445	437	<5	2,310	534	168	<5	1,680	<10	90.6		4,110	156	<5		2,280	19.3	11.1	31.7	205	6.6	30.8	1,270	105	ND
	9/23/2002	14,201	552	<5	2,500	694	211	<5	1,920	<10	90.1		3,460	190	<5		2,900	16.9	6	27.6	169	7.5	26.2	1,330	101	ND
	9/19/2003	753	<5	<5	57.6	<5	<5	<5	412	110.0	<5		164	<10	<5		9	<5	<5	<5	<5	<5	<10	<5	ND	
	8/18/2004	12,945	534	<5	2,360	757	177	<5	1,260	<10	78.0		3,240	<10	<5		2,980	15.6	<5	32.1	131	<5	15.7	1,280	85	ND
	10/12/2004	6,457	166	<5	842	235	57.4	<5	2,420	33.4	31.6		1,240	<10	<5		921	5.7	<5	9.5	44.0	<5	5.8	417	28.4	ND
	2/27/2009	14,465	638	5.7	1,900	885	178	<1.0	2,390	36.4	83.4	<1.0	3,110	119	3.5	22.8	4,120	14.8	<1.0	38.3	131	12.1	26.4	672	78.7	ND
	3/30/2010	12,428	481	<20.0	1,760	771	102	<20.0	2,170	<100	71.4	<20	3,070	210	<20.0	<20.0	3,040	<20.0	<20.0	<20.0	109	<20.0	<20.0	644	ND	ND
	11/3/2011	11,290	895	<50	1,760	925	103	<50	580	<500	<50	<50	2,440	488	<50	<50	3,450	<50	<50	<50	<50	<50	<50	649	<50	ND
	11/23/2012	11,845	792	<5	1,290	896	109	<5	1,710	<50	51.9	<5	2,000	302	<5	<5	3,850	<5	<5	21.5	101	<5	22.2	602	49.8	47.6
	12/16/2013	19,821	1,550	<5	2,200	2,200	181	<5	3,760	<50	121	<5	2,960	509	7.2	<5	5,300	<5	<5	<5	<5	29.7	<5	920	57.6	25.5
	12/10/2014	18,168	860	<100	1,800	1,700	340	<100	1,740	<100	100	120	5,200	350	<100	<100	4,400	<100	<100	100	<100	160	<100	1,000	58	240
	10/30/2015	7,514	280	<20	870	490	61	<20	1,390	<100	46	<20	2,000	52	<20	<20	1,900	<20	<20	14 J	45	8.8 J	9.2 J	380	13 J	ND
	11/18/2016	11,941	830	<50	1,400	960	190	<50	1,600	<1000	65	<50	3,000	240	<50	<50	2,900	<50	<50	28 J	66	<50	28 J	690	22 J	ND
	10/10/2017	4,536	120	<10	640	300	57	<10	1,100	<200	23	<10	830	36	<10	<10	1,200	<10	<10	5.0 J	4.0 J	<10	5.1 J	230	4.1 J	ND
	11/2/2018	2,010	20	<10	280	110	15	<10	560	<200	11	<10	450	14	<10	<10	440	<10	<10	<10	<10	<10	<10	110	<30	ND
	9/11/2019	940	7	<5	170	55	8	<5	240	<100	4.4 J	<5	220	<5	<5	<5	180	<5	<5	<5	<5	<5	<5	56.0	<15	ND
	10/13/2020	1,272	25	<5	370	21	26	<5	460	<100	9.2	<5	280	7.8	<5	<5	44	<5	<5	3.1 J	3.4 J	2.4 J	<5	29.0	<10	ND
	10/28/2021	834	7.6	<5	200	4	15	<5	400	<100	5.4	<5	180	<5	<5	<5	12	<5	<5	<5	<5	<5	<5	9.5	<10	ND
	10/18/2022	686	7.7	<10	190	<10	17	<10	310	<200	<10	<10	150	<10	<10	<10	5	<10	<10	<10	<10	<10	<10	6.2	<30	ND
	11/29/2023	704	2.5	<1.0	180	0.74 J	12	<1.0	330	<20	3.7	<1.0	150	12.0	<1.0	<1.0	2.2	<1.0	<1.0	1.8	1.6	1.2	1.2	2.6	0.61 J	0.96 J

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-
PW-6D																										
new well	7/21/1998	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	10/2/2000	ND	>5	>5	>5	<5	<5	<100	NA	>5	<5	<5	<10	<5	>5	<5	<5	<5	>5	<5	<5	<5	<10	<10	ND	
	9/12/2001	ND	>5	>5	>5	<5	<5	<10	<10	<5	<5	<5	<10	<5	>5	<5	<5	<5	>5	<5	<5	<5	<10	<5	ND	
	9/19/2002	ND	>5	>5	>5	<5	<5	<10	<10	<5	<5	<5	<10	<5	>5	<5	<5	<5	>5	<5	<5	<5	<10	<5	ND	
	10/20/2003	ND	>5	>5	>5	<5	<5	<10	<10	<5	<5	<5	<10	<5	>5	<5	<5	<5	>5	<5	<5	<5	<10	<5	ND	
	8/25/2004	ND	>5	>5	>5	<5	<5	<10	<10	<5	<5	<5	<10	<5	>5	<5	<5	<5	>5	<5	<5	<5	<10	<5	ND	
	3/18/2009	3.8	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.8	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND	
	3/31/2010	31.3	<1.0	<1.0	<1.0	<1.0	<1.0	5.70	<5.0	<1.0	<1.0	15.5	<1.0	<1.0	<1.0	3.24	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	ND	ND	
	11/3/2011	damaged																								
	11/21/2012	damaged																								
	12/10/2013	damaged																								
	12/10/2014	266	3.2	<1	41	16	<1	<1	43.2	<5	<1	90	<1	<1	<1	48	<1	<1	0.53 J	1.1	<1	<1	20.0	1.5	ND	
	10/30/2015	116	2.7	<1	20	8.6	<1	<1	8.85 J	<5	<1	46	3.0 J	<1	<1	31	<1	<1	<1	<1	<1	<1	7.9	<3	ND	
	11/17/2016	935	14.0	<5	140	59.0	<5	<5	190	<100	<5	260	12.0	<5	<5	210	<5	<5	<5	<5	<5	<5	39	<15	ND	
	12/28/2016	13	NA	NA	NA	NA	NA	NA	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	2/1/2017	600	NA	NA	NA	NA	NA	NA	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	10/10/2017	1,626	19.0	<2	270	95	<2	<2	450	<40	<2	320	20.0	<2	<2	370	<2	<2	1.5	<2	1.4 J	1.4 J	61	<6	ND	
	11/1/2018	996	7.4	<2	130	50	<2	<2	320	<40	<2	230	6.1	<2	<2	210	<2	<2	1.3	<2	1.1 J	1.1 J	31	<6	ND	
	9/12/2019	492	4.5	<1	120	42	<1	<1	100	<20	<1	120	7.0	<1	<1	150	<1	0.84 J	0.84 J	<1	1.6	<1	25	<3	ND	
	10/12/2020	210	<1	<1	47	1.1	<1	<1	120	<20	<1	27	2.3	<1	<1	6.7	<1	<1	<1	0.99 J	<1	<1	3.1	<2	ND	
	10/28/2021	620	3.4	<5	110	38	<5	<5	190	<100	<5	93	5.6	<5	<5	150	<5	<5	<5	<5	<5	<5	22	<15	ND	
	10/14/2022	234	<1	<1	29	<1	<1	<1	180	<20	<1	17	<1	<1	<1	<1	<1	1.1	<1	0.75 J	<1	<1	2.6	<3	ND	
	11/29/2023	690	3.7	<1	170	25	<1	<1	260	<20	<1	110	6.9	<1	<1	70	<1	<1	0.94 J	0.48 J	0.71 J	1.4	29.0	<3	ND	
PW-6I																										
new well	1/28/1997	33	ND	ND	11	ND	1 J	ND	ND	ND	ND	14	4 J	ND	ND	ND	ND	1 J	ND	ND	ND	2 J	ND	ND	ND	
	7/14/1998	46	ND	ND	10	ND	ND	ND	ND	ND	ND	14	4 J	ND	ND	5	ND	ND	5	ND	ND	3 J	ND	ND	5	
	9/26/2000	29	<5	<5	12	<5	<5	<5	<100	<5	<5	8.4	<10	<5	<5	8.3	<5	<5	<5	<5	<5	<5	<10	<10	ND	
	9/12/2001	28	<5	<5	10.7	<5	<5	<5	<10	<10	<5	7.2	<10	<5	<5	9.9	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/19/2002	31	<5	<5	12.2	<5	<5	<5	<10	<10	<5	9.0	<10	<5	<5	9.8	<5	<5	<5	<5	<5	<10	<5	<5	ND	
	10/20/2003	47	<5	<5	12.1	<5	<5	<5	<10	<10	<5	9.9	<10	<5	<5	13	<5	<5	<5	<5	<5	<10	<5	<5	ND	
	8/25/2004	42	<5	<5	10.6	<5	<5	<5	<10	<10	<5	6.2	<10	<5	<5	13.0	<5	<5	<5	<5	<5	<10	<5	<5	ND	
	3/4/2009	8.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	2.4	<1.0	3.8	<1.0	<1.0	<2.0	<2.0	ND	
	3/31/2010	143.1	<1.0	<1.0	32	1.63	3.47	<1.0	<5.0	<1.0	<1.0	35.7	10.3	<1.0	<1.0	25.2	<1.0	<1.0	1.56	<1.0	<1.0	2.81	7.88	ND	ND	
	11/3/2011	damaged																								
	11/21/2012	damaged																								
	12/10/2013	damaged																								
	12/10/2014	115	0.41 J	<1	26	2.2	<1	<1	47.9	<5	<1	2.2	<1	<1	<1	24	<1	1.1	0.7 J	0.7 J	<1	1.1	3.3	4.8	1.9	
	10/27/2015	98	<1	<1	20	1.1 J	3	<1	46.7	<5	<1	7.6	<1	<1	<1	18	<1	<1	0.74 J	<1	<1	1.4	<1	<3	1.1	
	11/17/2016	132	<1	<1	19	1.1 J	11	<1	56	<20	<1	21	<1	<1	<1	18	<1	0.53 J	1.0	<1	<1	2.5	3.6	<3	3.89 J	
	10/10/2017	148	<1	<1	25	0.92 J	3.6	<1	71	<20	<1	19	<1	<1	<1	25	<1	<1	0.42 J	<1	<1	1.1	3.0	<3	1.4	
	11/1/2018	128	<1	<1	17	1.1	3.2	0.4 J	60	<20	<1	14	<1	<1	<1	24	<1	<1	0.8 J	<1	<1	1.7	4.7	<3	1.8	
	9/12/2019	148	<1	<1	19	1.0	2.9	<1	79	<20	<1	13	<1	<1	<1	26	<1	<1	0.42 J	<1	<1	<1	5.3	<3	1.8	
	10/13/2020	137	<1	<1	20	1.4	3.3	<1	63	<20	<1	15	<1	<1	<1	26	<1	<1	0.52 J	<1	0.43 J	1.6	4.5	<2	1.8	
	10/28/2021	115	<1	<1	11	0.74 J	2.1	<1	69	<20	<1	9.6	<1	<1	<1	18	<1	<1	0.50 J	<1	<1	<1	3.2	<2	2.0	
	10/14/2022	116	<1	<1	8.3	<1	2.0	<1	86	<20	<1	5.2	<1	<1	<1	12	<1	<1	<1	<1	<1	<1	1.6	<3	1.2	
	11/29/2023	119	<1	<1	10.0	<1	1.6	<1	73	<20	<1	10.0	<1	<1	<1	16	<1	<1	0.46 J	<1	<1	1.4	2.2	<3	3.9	
PW-7I																										
	2/6/1997	11	ND	ND	2 J	ND	ND	ND	ND	7 J	ND	1 J	ND	ND			ND	ND	ND	ND	ND	1 J	ND	ND	ND	
	7/17/1998	443	86	ND	16	37	23	ND	ND	ND	2 J	77	ND	ND			ND	ND	65	9	ND	21	4 J	3 J	50	
	9/28/2000	99	<5	<5	9.2	15	7.2	<5	<100	NA	<5	18	<10	<5	<5	36	<5	<5	<5	<5	<5	<5	<10	<10	ND	
	9/12/2001	158	<5	<5	<5	<5	<5	<5	<10	<5	<5	8.1	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/20/2002	139	<5	<5	<5	<5	<5	<5	<10	<5	<5	7.7	<10	<5	<5	5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	10/22/2003	161	<5	<5	<5	<5	<5	<5	<10	<5	<5	9.8	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	6.8	
	8/25/2004	199	<5	<5	<5	<5	<5	<5	<10	<5	<5	8.4	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	3/4/2009	75	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	50.5	6.8	<1.0	11.8	<1.0	<1.0	<1.0	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	1.8	ND	

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	1,4-Dioxane	Acetone	Benzene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Methylene Chloride	Tetrachloroethane	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes (total)	Other VOCs	
NC 2L Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-
PW-8S	1/28/1997	670	ND	ND	ND	ND	ND	ND	670 J	ND		ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	
	7/13/1998	17	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		7	ND	ND	ND	ND	ND	ND	ND	ND	10	
	9/27/2000	7.7	<5	<5	<5	<5	<5	<100	<10	<5		<5	<10	<5		7.7	<5	<5	<5	<5	<5	<5	<10	<10	ND	
	9/6/2001	37	<5	<5	<5	<5	<5	14.5	<10	<5		6.1	<10	<5		8.1	<5	<5	<5	<5	<5	<5	<10	<5	8.7	
	9/17/2003	180	<5	<5	<5	<5	<5	<10	163	<5		11.3	<10	<5		6.0	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	8/17/2004	7.7	<5	<5	<5	<5	<5	<10	<10	<5		7.7	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
PW-9I	1/30/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	
	7/17/1998	50	ND	ND	ND	ND	ND	ND	50 J	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	
	3/12/2009	97	<1.0	<1.0	<1.0	<1.0	<1.0	95.2	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND	
PW-10D	9/10/1998	15.0	ND	ND	6.0	ND	ND	ND	ND	ND	ND	ND	9 J	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	
	9/26/2000	ND	<5	<5	<5	<5	<5	<100	NA	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	ND	
	9/12/2001	11	<5	<5	<5	<5	<5	10.8	<10	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/19/2002	10.4	<5	<5	<5	<5	<5	<10	10.4	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/19/2003	ND	<5	<5	<5	<5	<5	<10	<10	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	8/17/2004	ND	<5	<5	<5	<5	<5	<10	<10	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	2/26/2009	31	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0	<1.0	<2.0	29.0	
	3/29/2010	2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.37	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	
	11/1/2011	2	<0.5	<0.5	<0.5	<0.5	<0.5	<3.0	<5	<0.5	<0.5	1.56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.72	<0.5	<0.5	<0.5	<0.5	ND	
	11/21/2012	ND	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
	12/11/2013	ND	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	ND	
	12/10/2014	ND	<1	<1	<1	<1	<1	1.7 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.8 J	ND	
	11/3/2015	ND	<1	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	11/17/2016	15	1.5	<1	2.3 J	4.9 J	<1	<1	<20	<1	<1	2.6 J	<1	<1	<1	7.8	<1	<1	0.60 J	0.49 J	<1	2.4	3.3	<3	ND	
	10/10/2017	ND	<1	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	10/31/2018	20	0.96 J	<1	1.6	2.3	<1	<2	<20	<1	<1	1.1	<1	<1	<1	8.6	<1	<1	<1	0.5 J	<1	2.7	3.2	<3	ND	
	9/12/2019	ND	<1	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	10/12/2020	ND	<1	<1	<1	<1	<1	<1	<20	<1	<1	0.85 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	ND	
	10/26/2021	ND	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	ND	
	10/13/2022	1	<1	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	11/29/2023	2	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	1.5 J	
PW-10I	1/27/1997	7.0	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	
	7/10/1998	8.0	ND	ND	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	9/26/2000	14	<5	<5	14	<5	<5	<5	<100	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	ND	
	9/11/2001	44	<5	<5	12.9	<5	<5	31.4	<10	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/19/2002	39	<5	<5	<5	<5	<5	14.7	24.6	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/18/2003	126	<5	<5	17	<5	<5	109	<10	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	8/17/2004	83	<5	<5	16.7	<5	<5	61.3	<10	<5	<5	<5	<10	<5	<5	5.0	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	3/12/2009	150	<1.0	<1.0	12.7	<1.0	<1.0	115	13.8	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	5.2	<1.0	1.1	<1.0	<1.0	<1.0	1.1	<1.0	<2.0	ND	
	3/29/2010	229	<1.0	<1.0	12.6	<1.0	<1.0	206	<5.0	<1.0	<1.0	1.38	1.96	<1.0	<1.0	4.86	<1.0	1.49	<1.0	<1.0	<1.0	<1.0	1.14	ND	ND	
	11/1/2011	78	<0.5	<0.5	21.7	1.65	<0.5	36	<5	<0.5	<0.5	1.95	3.73	<0.5	<0.5	8.64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.18	<0.5	1.45	
	11/19/2012	440	220	<5	25.9	<5	<5	183	<50	<5	<5	<5	<5	<5	<5	11.4	<5	<5	<5	<5	<5	<5	<5	<5	ND	
	12/11/2013	276	<5	<5	19.5	<5	<5	249	<50	<5	<5	<5	<5	<5	<5	7.7	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	12/10/2014	243	<1	<1	18	0.55 J	<1	205	<5	0.45 J	<1	2.3	5.1	<1	<1	6.2	<1	<1	<1	<1	<1	<1	4.4	<3	1.6	
	10/29/2015	22	<1	<1	16	<1	<1	222	<5	0.57 J	<1	2.7 J	3.3 J	<1	<1	4.2 J	<1	<1	<1	<1	<1	<1	3.9	<3	2.3	
	11/17/2016	270	<1	<1	18	0.41 J	<1	240	<20	0.85 J	<1	3.0	2.6 J	<1	<1	5.2	<1	<1	<1	<1	<1	<1	4.1	<3	2.93 J	
	10/10/2017	226	<1	<1	5.7	<1	<1	220	<20	<1	<1	<1	<1	<1	<1	1.4 J	<1	<1	<1	<1	<1	<1	0.51 J	<3	0.44 J	
	11/1/2018	319	<1	<1	13	<1	<1	290	<20	0.96 J	<1	2.5	3.7	<1	<1	4.2	<1	<1	<1	<1	<1	<1	<1	<3	2.0	
	9/12/2019	292	<1	<1	12	<1	<1	260	<20	1.0	<1	2.6	<1	<1	5.9	4.2	<1	<1	<1	<1	<1	<1	<1	<3	2.4	
	10/12/2020	281	<1	<1	11	<1	<1	250	<20	1.4	<1	2.9	4.0	<1	<1	4.5	<1	1.1	<1	<1	<1	<1	3.2	<2	2.7	
	10/26/2021	327	<1	<1	7	<1	<1	310	<20	1.2	<1	2.2	2.9	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.9	<2	1.7	
	10/13/2022	604	<1	<1	4.9	<1	<1	590	<20	1.3	<1	3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	3.1	
	11/29/2023	133	<1	<1	2.3	<1	<1	130	<20	<1	<1	<1	<1	<1	<1	0.71 J	<1	<1	<1	<1	<1	<1	<1	<3	ND	

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-
PW-11I	7/22/1997	458	ND	ND	ND	ND	ND	8 J	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	450	ND	ND	ND	
	7/16/1998	354	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		47	ND	ND	ND	ND	ND	260 D	ND	ND	47	
	9/29/2000	156	>5	>5	>5	<5	<5	<5	<100	NA	<5	<5	<10	<5	<5	26	<5	<5	<5	<5	<5	130	<10	<10	ND	
	9/11/2001	254	>5	>5	>5	<5	<5	<5	14.3	<10	<5	<5	<10	<5	<5	34.8	<5	<5	<5	<5	<5	205	<10	<5	ND	
	9/18/2002	274	>5	>5	>5	<5	<5	<5	22.3	<10	<5	<5	<10	<5	<5	38.1	<5	<5	<5	<5	<5	214	<10	<5	ND	
	9/23/2003	516	<10	<10	>10	<10	<10	<10	50.3	<20	<10	<10	<20	<10	<10	87.3	<10	<10	>10	<10	<10	378	<20	>10	ND	
	8/25/2004	365	<10	<10	21.5	<10	<10	<10	31.3	<20	<10	<10	<20	<10	<10	82.7	<10	<10	<10	<10	<10	229	<20	<10	ND	
	3/5/2009	224	>1.0	>1.0	<1.0	<1.0	<1.0	1.7	13.2	8.4	<1.0	<1.0	<1.0	<1.0	<1.0	36.2	>1.0	2.5	>1.0	>1.0	<1.0	162	<1.0	<5.0	ND	
PW-12I	7/22/1997	8.0	ND	ND	ND	ND	ND	ND	6 J	ND		ND	ND	ND			ND	2 J	ND	ND	ND	ND	ND	ND	ND	
	7/16/1998	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	10/2/2000	ND	<5	<5	>5	<5	<5	<5	<100	NA	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	ND	
	9/12/2001	1.0	>5	>5	>5	<5	<5	<5	1.0	<10	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/19/2002	ND	>5	>5	>5	<5	<5	<5	<10	<10	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	10/22/2003	ND	>5	>5	>5	<5	<5	<5	<10	<10	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/17/2004	ND	<5	<5	<5	<5	<5	<5	<10	<10	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	8/29/2006	ND	<1	<1	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	ND	
	9/27/2007	ND	<1	<1	<1	<1	<1	<2	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	ND	
	3/3/2009	6.7	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	6.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND	
	3/31/2010	ND	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	
	11/2/2011	1	<0.5	<0.5	<0.5	<0.5	<0.5	<3.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.69	<0.5	<0.5	<0.5	<0.5	ND	
	11/20/2012	9	<0.5	<0.5	<0.5	<0.5	<0.5	8.55	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
	1/21/2013	ND						<2.0																		
	12/17/2013	ND	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	ND	
	12/12/2014	ND	<1	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	10/30/2015	ND	<1	<1	<1	<1	<1	<2	<5	<1	<1	1.3 J	<1	<1	<1	0.70 J	<1	<1	<1	<1	<1	<1	<1	<1	ND	
	11/21/2016	ND	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	10/11/2017	ND	<1	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	11/6/2018	ND	>1	>1	>1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	9/11/2019	ND	<1	<1	<1	<1	<1	<1	1.2 J	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	10/14/2020	ND	>1	>1	>1	<1	<1	<1	<20	<1	<1	0.63 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	ND	
	10/28/2021	ND	>1	<1	>1	<1	<1	<1	<20	<1	<1	0.63 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	ND	
	10/19/2022	ND	>1	>1	>1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
	11/30/2023	ND	<1	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	ND	
PW-13I	7/22/1998	295	16/14	NA	77/76	35/26	ND/ND	NA	ND/ND	ND/ND	2 J/2 J	NA	6/6	ND/4 J	NA	NA	NA	ND/ND	3 J / 2 J	8/8	NA	4 J / 4 J	34/36	ND/ND	110/110	
	9/29/2000	754	27	<5	240	120	12	<5	<100	NA	8.2	<5	11.0	11.0	<5	220	<5	<5	<5	5.4	6.2	93	<10	ND		
	9/12/2001	892	16.4	<5	275	89.0	14.1	<5	70.9	<10	7.8	<10	10.4	10.9	<5	305	<5	<5	<5	<5	5.2	87.6	<5	ND		
	9/20/2002	799	<15	<15	243	67.4	<15	<15	128	<30	<15	<30	<15	<30	<15	270	<15	<15	<15	<15	<15	91	<15	ND		
	9/23/2003	1,027	11.7	<10	321	92.2	14.3	<10	118	<20	<10	<20	21.7	<20	<10	358	<10	<10	<10	<10	<10	90.4	<10	ND		
	8/25/2004	1,285	<5	<5	353	116	22.2	<5	166	<10	10.7	<10	47.0	13.4	<5	405	<5	<5	5.6	<5	8.4	138	<5	ND		
	3/4/2009	520	<1.0	<1.0	175	39.3	8.9	<1.0	78.0	<5.0	5.6	<1.0	18.1	4.1	<1.0	133	<1.0	<1.0	1.8	<1.0	<1.0	2.6	<2.0	ND		
	3/31/2010	581	<1.0	<1.0	192	41.6	8.8	<1.0	92.4	<5.0	4.96	<1.0	14.5	3.66	<1.0	158	<1.0	<1.0	1.07	<1.0	<1.0	2.08	ND	ND		
	11/3/2011	784	6.18	<0.5	214	121	11.8	<0.5	27.0	<5	8.05	<0.5	31.4	7.27	<0.5	243	<0.5	<0.5	<0.5	<0.5	<0.5	6.26	107	<0.5	0.87	
	11/23/2012	779	2.10	<0.5	137	58.5	<0.5	<0.5	332	<5	2.21	<0.5	23.1	4.98	<0.5	147	<0.5	<0.5	1.64	<0.5	<0.5	3.26	62.1	<0.5	5.21	
	12/16/2013	743	<5	<5	197	56.3	11.0	<5	139	<50	<5	<5	<5	<5	<5	236	<5	<5	<5	<5	<5	104	<10	ND		
	12/12/2014	564	<2	<2	150	53	11.0	<2	91.6	<10	4.0	<2	22	<2	<2	160	<2	<2	1.5	<2	<2	2.8	69	<6	2.1	
	10/26/2015	419	<1	<1	120	28	4.6	<1	88.6	<5	3.2	<1	18	2.0 J	<1	110	<1	<1	1.2	<1	<1	2.1	41	<3	2.2	
	11/18/2016	433	<1	<1	120	34	5.0	<1	89	<20	2.9	<1	17	1.6 J	<1	120	<1	<1	1.3	<1	<1	2.3	40	<3	1.9	
	10/11/2017	350	<1	<1	100	20	4.8	<1	88	<20	2.5	<1	11	1.7 J	<1	80	<1	<1	0.83 J	<1	<1	1.6	40	<3	1.9	
	10/31/2018	322	<1	<1	82	20	4.1	<1	81	<20	2.3	<1	12	1.3	<1	84	<1	<1	0.86 J	<1	<1	1.7	32	<3	1.5	
	9/11/2019	282	<1	<1	94	18	3.6	<1	44	<20	2.4	<1	8.9	1.4	<1	72	<1	<1	0.72 J	<1	0.44 J	<1	38	<3	ND	
	10/13/2020	146	<1	<1	110	1.6	4.0	<1	68	<20	2.7	<1	11.0	2.5	<1	7.8	<1	<1	<1	0.65 J	<1	0.51 J	6.1	<2	0.93 J	
	10/28/2021	171	<1	<1	87	<1	1.2	<1	70	<20	2.3	<1	9.4	1.2	<1	<1	<1	<1	<1	0.53 J	<1	<1	0.94 J	<2	0.74 J	
	10/12/2022	194	<1	<1	76	1.4	1.4	<1	84	<20	2.0	<1	11.0	2.0	<1	6.9	<1	<1	0.53 J	0.59 J	<1	<1	7.1	<3	0.91 J	
	11/27/2023	150	<1	<1	76	0.85 J	1.2	<1	46	>20	2.2	<1	12.0	<1	<1	3.6	<1	<1	0.68 J	0.59 J	<1	1.2	5.1	<3	0.63 J	

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-	
PW-14D	7/22/1998	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	10/31/2000	ND	>5	>5	>5	<5	<5	<5	<100	NA	<5	<5	<10	<5	>5	<5	<5	<5	>5	<5	<5	>5	<10	<10	ND	ND	
	9/10/2001	81	>5	>5	>5	<5	<5	<10	73.1	<5	<5	<5	<10	<5	>5	<5	<5	7.6	>5	<5	<5	<5	<10	<5	ND	ND	
	9/17/2003	71	>5	<5	<5	<5	<5	<10	70.7	<5	<5	<5	<10	<5	>5	<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	ND	
	9/17/2004	25	>5	>5	>5	<5	<5	<10	25.2	<5	<5	<5	<10	<5	>5	<5	<5	<5	>5	<5	<5	<5	<10	<5	ND	ND	
	8/29/2006	16	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<2/<2	16.3/18.1	<1/<1	<5	<1/<1	<1/<1	<1/<1	<5	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<2/<2	ND	ND	
	7/26/2007	13	<1	<1	<1	<1	<1	<2	12.6	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<2	ND	ND	
	3/11/2009	14	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	13.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND	ND	
	3/31/2010	21	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	21.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	ND	
	11/7/2011	23	<0.5	<0.5	<0.5	<0.5	<0.5	<3.0	13.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.2	ND	
	11/27/2012	40	<0.5	<0.5	1.1	<0.5	<0.5	35.4	<5	<0.5	<0.5	1.72	<0.5	<0.5	<0.5	2.18	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	
	12/12/2013	690	<0.5	<0.5	<0.5	<0.5	<0.5	690	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	ND	ND	
	12/9/2014	236	8.9	<1	25	17	<1	28.7	16.0	1.9	1.2	75.0	6.9	<1	<1	44	<1	<1	0.41 J	1.1	<1	<1	<1	2.9 J	ND	ND	
	11/3/2015	10	0.53 J	<1	4.2 J	1.0 J	<1	8.33 J	8.5 J	<1	<1	4.0	<1	<1	<1	5.9	<1	<1	<1	<1	<1	<1	<1	<3	ND	ND	
	11/16/2016	9	0.64 J	<1	3.1 J	0.96 J	<1	7.6 J	<20	<1	<1	4.4	<1	<1	<1	5	<1	<1	<1	<1	<1	<1	0.89 J	<3	ND	ND	
	10/12/2017	972	5.9	<1	100	24	<1	640	<20	<1	<1	83.0	4.7 J	<1	<1	110	<1	<1	0.87 J	<1	<1	0.59 J	7.8	<3	ND	ND	
	11/5/2018	153	<1	<1	0.91 J	<1	<1	2.4	<20	0.71 J	<1	1.5	<1	<1	<1	1.6	7.7	<1	<1	23	<1	<1	<1	59	ND	ND	
	9/17/2019	19	<1	<1	0.55 J	<1	<1	<2	10 J	<1	<1	1.4	<1	<1	<1	0.89 J	1.6	<1	<1	5.2	<1	<1	<1	11	ND	ND	
	10/15/2020	16	<1	<1	0.44 J	<1	<1	<2	<20	<1	<1	1.4	<1	<1	<1	0.99 J	0.90 J	<1	<1	2.7	<1	<1	<1	5.7	ND	ND	
	10/27/2021	10	<1	<1	<1	<1	<1	<2	<20	<1	<1	0.80 J	<1	<1	<1	0.76 J	0.67 J	<1	<1	1.7	<1	<1	<1	4.2	ND	ND	
	10/13/2022	37	<1	<1	<1	<1	<1	0.49 J	15 J	<1	<1	1.3	<1	3.5	<1	0.77 J	0.58 J	0.52 J	<1	2.2	<1	<1	0.58 J	3.9	4.3	ND	
	11/27/2023	26	<1	<1	<1	<1	<1	<1	<20	<1	<1	0.74 J	<1	<1	<1	0.63 J	0.51 J	<1	<1	2.1	<1	<1	0.47 J	4.3	ND	ND	
PW-14S	7/23/1998	ND	ND		ND	ND	ND	ND	ND	ND		ND	ND					ND	ND	ND		ND	ND	ND	ND	ND	
	10/30/2000	ND	<5	<5	<5	<5	<5	<100		<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<10	ND	ND	
	9/6/2001	ND	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	ND	
	9/16/2003	ND	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	ND	
	8/19/2004	ND	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	ND	
	8/29/2006	ND	<1	<1	<1	<1	<1	<2	<5	<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<2	<2	ND	ND	
	7/28/2007	ND	<1	<1	<1	<1	<1	<2	<5	<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<2	<2	ND	ND	
	3/10/2009	28	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	28.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND	ND	
PW-15D	7/21/1998	841	ND	ND	150	ND	8	ND	320 J	ND	ND	14.0	220 D	ND	ND	ND	ND	75.0	3 J	ND	ND	3 J	38.0	ND	10.0	ND	ND
	10/31/2000	9,042	46.0	<5	710	57	19	<5	1,800	NA	73.0	<5	690	<5	<5	220	<5	68.0	<5	25.0	5.4	6.5	200	22.0	ND	ND	ND
	9/6/2001	12,582	<5	<5	1,150	<5	<5	<5	3,650	<10	<5	<5	813	<5	<5	653	<5	<5	<5	<5	<5	<5	<5	<5	ND	ND	ND
	9/16/2003	2,467	24.0	<5	349	78.2	14.1	<5	622	<10	<10	<5	162	<5	<5	352	<5	20.1	<5	<5	<5	<5	<5	<5	ND	ND	ND
	8/19/2004	507	<5	<5	105	19.7	<5	<5	126	<10	<10	<5	27.0	<5	<5	104	<5	<5	<5	<5	<5	<5	<5	<5	ND	ND	ND
	8/29/2006	8,571	234	<10	1,450	507	65.2	<10	1,650	<50	57.3	<5	200	<10	<5	1,920	<10	16.9	10.1	<10	<10	<10	550	<20	ND	ND	ND
	9/26/2007	1.8	<1	<1	1.8	<1	<1	<2	<5	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<2	ND	ND	ND
	3/11/2009	11,715	426	3.6	1,840	740	83.6	<1.0	1,990	37.1	69.3	<1.0	254	<1.0	<1.0	2,530	1.9	7.4	20.2	31.6	8.4	7.1	713	52.2	7.4	ND	ND
	3/30/2010	14,028	466	3.37	2,120	876	83.0	<1.0	2,230	40.1	82.1	<1.0	273	1.65	<1.0	3,360	<1.0	8.21	15.9	19.1	9.47	8.0	772	ND	ND	ND	ND
	11/7/2011	196	10.1	<5	39.4	<5	<5	<5	8	<50	<5	<5	<5	<5	<5	58.4	<5	<5	<5	<5	<5	<5	<5	<5	ND	ND	ND
	11/26/2012	6,608	424	1.89	1,160	612	64.6	0.59	1,180	<5	73.9	<0.5	351	<0.5	<0.5	2,070	6.56	7.23	12.0	53.2	12.0	7.48	483	37.5	50.63	ND	ND
	12/12/2013	11,775	591	<5	1,440	593	70.5	<5	1,770	<50	67.3	88.4	536	<5	<5	2,920	<5	<5	<5	51.8	<5	<5	676	32.7	18.2	ND	ND
	12/9/2014	12,358	520	<50	1,400	920	82.0	<50	1,930	<250	66.0	<50	470	<50	<50	3,600	<50	<50	<50	23.0	<50	<50	670	<150	ND	ND	ND
	10/28/2015	4,734	68	<50	570	220	<50	<50	1,280	<250	28.0	<50	<50	<50	96	1,000	<50	<50	<50	<50	<50	<50	200	<150	ND	ND	ND
	11/15/2016	3,812	63	<10	430	170	24	<10	1,300	<200	16.0	<10	99	<10	<10	690	<10	<10	<10	<10	<10	<10	110	<30	ND	ND	ND
	10/12/2017	1,321	12	<1	200	66	7.9	<1	510	<20	4.2	<1	12	<1	<1	280	<1	<1	1.5 J	<1	1.1 J	1.0 J	39	<3	ND	ND	ND
	11/5/2018	572	3.1	<2	81	27	2.2	<2	240	<40	1.1 J	<2	5.3	<2	<2	120	<2	<2	1.2 J	<2	1.1 J	<2	11	<6	ND	ND	ND
	9/17/2019	176	<5	<5	30	8.9	<5	<5	91	<100	<5	<5	7.4	<5	<5	39	<5	<5	<5	<5	<5	<5	<5	<15	ND	ND	ND
	10/14/2020	36	<1	<1	3	6.2	<1	<1	<20	<1	<1	4.7	<1	<1	<1	20	<1	<1	<1	<1	<1	<1	2.5	<2	ND	ND	ND
	10/27/202																										

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	1,4-Dioxane	Acetone	Benzene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethane	Ethylbenzene	Methylene Chloride	Tetrachloroethane	Toluene	trans-1,2-Dichloroethane	Trichloroethane	Vinyl Chloride	Xylenes (total)	Other VOCs		
		NC 2L Standard	NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-
PW-15S	7/21/1998	ND	ND		ND	ND	ND	ND	ND	ND		ND	ND					ND	ND	ND		ND	ND	ND	ND	ND	
	10/30/2000	ND	<5	<5	<5	<5	<5	<100	NA	<5		<5	<10	<5			<5	<5	<5	<5	<5	<5	<10	<10	ND		
	9/6/2001	11	<5	<5	<5	<5	<5	11.0	<10	<5		<5	<10	<5			<5	<5	<5	<5	<5	<5	<10	<10	ND		
	9/16/2003	25	<5	<5	<5	<5	<5	24.6	<10	<5		<5	<10	<5			<5	<5	<5	<5	<5	<5	<10	<10	ND		
	8/19/2004	ND	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5			<5	<5	<5	<5	<5	<5	<10	<10	ND		
	8/29/2006	ND	<1	<1	<1	<1	<1	<2	<5	<1		<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<2	ND		
	9/25/2007	1.5	<1	<1	<1	<1	<1	<2	<5	<1		<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<2	ND		
	3/11/2009	78	<1.0	<1.0	18.6	4.8	<1.0	6.6	13.4	<1.0	<1.0	<1.0	4.5	<1.0	<1.0	26.5	<1.0	3.9	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND		
PW-16D	7/22/1998	786	ND	ND	130	ND	6.0	87.0	ND	7.0	ND	380	140	ND	ND	ND	ND	ND	3 J	ND	ND	6.0	16.0	ND	11.0		
	11/2/2000	1,610	<120	<120	210	<120	<120	<2,500	<10	<120	<5	1,400	<250	<120	<5	<120	<120	<120	<120	<120	<120	<120	<250	<250	ND		
	9/6/2001	4,184	10.6	<5	355	12.3	8.9	788	<10	29.3	<5	2,580	250	<5	<5	71.5	<5	22.7	<5	<5	<5	<5	55.2	<5	ND		
	9/17/2003	4,324	<100	<100	501	<100	<100	<100	<200	<100	<5	2,680	<200	<100	<5	285	<100	<100	<100	<100	<100	<100	<200	<100	ND		
	8/19/2004	2,722	<50	<50	353	<50	<50	<50	<100	<50	<5	1,200	119	<50	<5	215	<50	<50	<50	<50	<50	<50	106	<50	ND		
	8/29/2006	4,357	71.8	<10	732	178	31.5	<10	<50	31.1	<5	1,370	78	<10	<5	709	<10	<10	<10	<10	<10	<10	266	<20	ND		
	9/25/2007	5,130	<20	<20	844	247	36.5	<20	<100	36.8	<5	1,700	75.5	<20	<5	957	<20	<20	<20	<20	<20	<20	351	<40	ND		
	3/11/2009	6,570	110	1.5	1,160	372	50.5	<1.0	890	15.9	<1.0	1,950	93.5	<1.0	<1.0	1,400	<1.0	4.9	11.1	3.4	4.2	4.5	442	10.5	3.3		
	3/30/2010	6,295	88.2	<1.0	1,180	329	48.2	<1.0	1,080	27.2	<1.0	1,780	80.8	<1.0	<1.0	1,240	<1.0	4.85	4.97	1.50	3.03	3.59	384	ND	ND		
	11/7/2011	7,345	232.0	<5	1,380	732	62.5	<5	260	<50	<5	1,770	405	<5	<5	1,740	<5	<5	<5	<5	<5	11.7	655	7.9	8.0		
	11/26/2012	7,820	165	1.01	1,090	543	50.4	0.52	1,260	<5	<0.5	2,100	229	<0.5	<0.5	1,680	<0.5	4.57	8.59	3.30	6.72	5.5	601	<0.5	23.1		
	12/12/2013	7,988	251	<5	1,360	688	65.9	<5	1,330	<50	<5	1,870	245	<5	<5	1,700	<5	<5	<5	<5	<5	<5	368	5.7	12.0		
	12/9/2014	6,745	180	<20	920	490	60	<20	1,150	<100	<20	1,900	150	<20	<20	1,500	<20	<20	9.2	<20	<20	<20	350	<60	ND		
	10/28/2015	3,527	51	<20	480	190	18	<20	772	<100	<20	1,000	44	<20	<20	790	<20	<20	<20	<20	<20	<20	160	<60	ND		
	11/15/2016	2,461	46	<10	390	180	23	<10	650	<200	<10	520	<10	<10	<10	540	<10	<10	3.2 J	<10	<10	2.1 J	100	<30	ND		
	10/12/2017	4	<1	<1	1.5 J	0.47 J	<1	<1	3.9 J	13 J	<1	2.4 J	<1	<1	<1	2.5 J	<1	<1	<1	<1	<1	<1	0.66 J	<3	ND		
	11/29/2017	2,284	21	<5	340	76	16	<5	870	<100	<5	490	14	<5	<5	370	<5	<5	2.4 J	<5	<5	<5	73	<15	ND		
	11/5/2018	195	1.5	<1	40	12	0.96 J	<1	84	<20	<1	2.3	<1	<1	<1	53	<1	<1	<1	<1	<1	0.46 J	1.8	<3	ND		
	9/17/2019	99	0.51 J	<1	20	4.5	<1	<1	28	<20	0.45 J	22	3.3	<1	<1	20	<1	<1	<1	<1	<1	<1	1.3	<3	ND		
	10/14/2020	68	<1	<1	4.6	9.1	<1	<1	<2	<20	<1	17	1.2	<1	<1	30	<1	<1	<1	<1	<1	<1	5.8	<2	ND		
	10/27/2021	127	<1	<1	20.0	7.1	<1	<1	23	<20	<1	40	1.5	<1	<1	32	<1	<1	<1	<1	<1	<1	3.6	<2	ND		
	10/13/2022	174	<1	<1	23.0	9.9	0.62 J	<1	45	<20	0.7 J	50	<1	<1	<1	39	<1	0.53 J	<1	<1	<1	<1	5.3	<3	ND		
	11/28/2023	126	<1	<1	10.0	2.0	0.59 J	<1	<1	<20	<1	86	<1	<1	<1	11	<1	<1	<1	<1	0.55 J	<1	15.0	<3	ND		
PW-16S	7/22/1998	ND	ND	NA	ND	ND	ND	ND	ND	ND		ND	ND					ND	ND	ND		ND	ND	ND	ND		
	10/30/2000	ND	<5	<5	<5	<5	<5	<100	NA	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<10	ND		
	9/6/2001	ND	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<10	ND		
	9/17/2003	ND	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<10	ND		
	8/19/2004	ND	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<10	ND		
	8/29/2006	6.5	<1	<1	<1	<1	<1	<2	6.5	<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<2	ND		
	9/26/2007	ND	<1	<1	<1	<1	<1	<2	<5	<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<2	ND		
PW-17	11/3/2000	160	<5	<5	<5	<5	<5	160	NA/<100	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<10	ND		
	12/20/2000	ND	<5/<2	<5/<2	<5/<2	<5/<2	<5/NA	<5/<100	<10	<5/<2		<5/<10	<10/<10	<5/<2		<5/<2	<5/<2	<5/<10	<5/<2	<5/<2	<5/<2	<5/<2	<10/<2	<10/<5	ND		
	9/12/2001	ND	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<10	ND		
	9/19/2002	ND	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<10	ND		
	9/22/2003	ND	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<10	ND		
	8/25/2004	ND	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<10	ND		
	8/29/2006	8.8	<1	<1	<1	<1	<1	<2	8.8	<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<2	ND		
	9/27/2007	6.3	<1	<1	<1	<1	<1	<2	6.3	<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<2	ND		
	3/5/2009	ND	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND		

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-	
PW-18	11/7/2000	19	<5	<5	<5	<5	<5	<5	<100	NA	<5		<5	<10	<5		<5	<5	<5	<5	19.0	<5	<5	<10	<10	ND	
	12/20/2000	ND	<5/<2	<5/<2	<5/<2	<5/<2	<5/NA	<5/<10	<100/<100	NA/<100	<5/<2		<5/<10	<10/<10	<5/<2		<5/<2	<5/<2	<5/<10	<5/<2	<5/<2	<5/<2	<5/<2	<10/<2	<10/<5	ND	
	9/11/2001	24	<5	<5	<5	<5	<5	<5	<10	24.3	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/16/2003	204	<5	<5	<5	<5	<5	<5	<10	195	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	8.9	ND	
	8/19/2004	149	<5	<5	<5	<5	<5	<5	<10	119	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	6.8	ND	
	10/1/2004	27	<5	<5	<5	<5	<5	<5	<10	27.4	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	8/29/2006	264	<1	<1	<1	<1	<1	<1	<2	151	<1		<1	<1	<1		<1	1.7	<1	<1	<1	<1	<1	<1	16.3	93.8	
	9/26/2007	194	<1	<1	<1	<1	<1	<1	<2	108	<1		<1	<1	<1		<1	1.3	<1	<1	<1	<1	<1	<1	12.0	71.1	
	3/12/2009	203	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	125	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	3.5	<1.0	<1.0	<1.0	<1.0	<1.0	9.8	63.7	
	3/31/2010	86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	85.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	
	11/7/2011	143	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3.0	92.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.94	48.43	
	11/26/2012	91	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	36.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.86	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.73	24.5	
	1/21/2013	ND							<2.0																		
	12/12/2013	31	<5	<5	<5	<5	<5	<0.5	5.05	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	25.6	
	2/25/2014	ND							<2																		
	12/9/2014	96	<1	<1	<1	<1	<1	<1	<1	9.17	55	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	6	30.7	
	1/29/2015	58	<1	<1	<1	<1	<1	<1	<1	<2	35	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4.9	18	
	10/26/2015	ND	<1	<1	<1	<1	<1	<1	<1	<2	40 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.65 J	<1	<1	<1	1.2 J	19	
	11/15/2016	ND	<10	<10	<10	<10	<10	<10	<10	<10	<200	<10	<10	<10	<10	8.3 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<30	ND
	10/16/2017	ND	<1	<1	<1	<1	<1	<1	<1	<2	20 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	6.7 J
	11/7/20018	35	<1	<1	0.65 J	0.91 J	<1	<1	<1	<2	20	<1	<1	0.42 J	<1	<1	<1	2.8	<1	<1	<1	<1	<1	1.3	<1	0.58 J	7.3
	1/10/2019	24 J	<1	<1	0.65 J	<1	<1	<1	<1	<2	17 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.3 J	5.2 J	
	9/17/2019	Not	Sampled																								
	10/14/2020	Not	Sampled																								
	10/27/2021	Not	Sampled																								
PW-19	11/6/2001	ND	<5	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/19/2002	ND	<5	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	9/16/2003	ND	<5	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	8/18/2004	98	<5	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	10/1/2004	ND	<5	<5	<5	<5	<5	<5	<10	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	8/29/2006	3.7	<1	<1	<1	<1	<1	<1	<2	<5	<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<2	3.7	
	9/27/2007	5.0	<1	<1	<1	<1	<1	<1	<2	5.0	<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<2	ND	
	3/11/2009	91	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	87.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.8	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND	
1/29/2015	<1	<1	<1	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.57 J	<1	<3	ND		
PW-DR-1	9/8/2004	248	<5	<5	10.7	<5	<5	<5	164	<10	<5		40.2	16.6	<5		16.4	<5	<5	<5	<5	<5	<5	<5	<5	ND	
	9/23/2004	268	<5	<5	5.6	<5	<5	<5	209	<10	<5		31.3	13.6	<5		8.3	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	10/8/2004	249	<5	<5	5.6	<5	<5	<5	213	<10	<5		30.8	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND	
	2/25/2009	1,848	54.4	<1.0	213	98.8	7.7	<1.0	579	7.5	11.8	<1.0	400	58.3	<1.0	<1.0	314	2.2	<1.0	3.5	2						

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-
W-4	2/6/1997	1,624	47.0	ND	640	86.0	23 J	ND	ND	6 J	30.0		8 J	35 J	ND		NA	7 J	ND	ND	7 J	ND	ND	280	5 J	450
	9/27/2000	525	14.0	<5	200	57.0	8.4	<5	<100	NA	8.7		<5	<10	<5		170	<5	<5	<5	<5	6.7	<5	60.0	<10	ND
	9/10/2001	49	<5	32.7	<5	<5	<5	<5	16.5	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND
	9/17/2002	18	<5	<5	<5	<5	<5	<5	18.2	<10	<5		<5	<10	<5		<5	<5	<5	<5	<5	<5	<5	<10	<5	ND
	9/17/2003	694	27.9	<5	135	56.9	10.9	<5	162	<10	<5		<5	<10	<5		248	<5	<5	<5	<5	<5	8.1	45.2	<5	ND
	8/17/2004	3,157	136	<10	432	331	35.2	<10	547	<20	17.0		14.5	<20	<10		1,010	<10	<10	13.0	<10	<10	10.4	91.2	<10	ND
W-4A	1/28/1997	75,370	13,000	ND	11,000	5,700	540	ND	ND	ND	890 J		ND	ND	ND		NA	ND	39,000	ND	1,300	ND	ND	2,600	280 J	1,060
	9/27/2000	15,940	380	<5	4,300	1,500	160	<5	2,100	NA	230	<5	67	50	<5	<5	4,500	12.0	1,300	38.0	57	260	42.0	870	66.0	8.3
	9/10/2001	37,215	619	<5	10,400	3,560	316	<5	2,770	<10	<5	<5	125	111	<5	<5	12,400	40.4	4,350	52.6	126	19.3	43.8	2,100	169	13.1
	9/17/2002	31,439	515	<5	9,120	2,490	207	<5	1,950	<10	273	<5	105	95.7	<5	<5	10,500	24.4	3,570	38.5	59.4	10.9	28.5	2,330	122	ND
	9/17/2003	5,351	83	<5	1,350	544	68.1	<5	1,090	<10	73	<5	29.1	18.5	<5	<5	1,740	<5	<5	16.8	15.1	<5	16	286	22.4	ND
	8/17/2004	19,357	<100	<100	5,390	2,070	182	<100	1,870	<200	225	<5	111	<100	<100	<5	7,330	<100	831	<100	<100	<100	<100	1,230	118	ND
	2/27/2009	6,307	73.4	<1.0	1,240	541	57.9	<1.0	942	13.4	98.4	<1.0	67.4	163	<1.0	3.3	2,260	7.3	78.8	8.3	11.3	6.5	12	686	36.8	ND
	3/31/2010	10,920	401	<1.0	1,880	995	73.6	1.19	1,010	32.7	129	<1.0	91.9	238	<1.0	1.98	3,590	16.1	918	43.5	72.5	6.26	89	1,330	ND	ND
	11/2/2011	41,390	216	<50	5,340	3,750	363	<50	520	<500	861	<50	469	7,290	<50	<50	10,300	<50	1,130	<50	307	<50	83	11,000	281	ND
	11/19/2012	4,144	28.7	<0.5	335	296	21.9	<0.5	1,600	<5	65.3	3.77	30	241	<0.5	0.95	693	3.28	155	1.48	16	2.87	4.27	622	20.11	3.74
	12/17/2013	59,696	513	<50	7,580	3,260	318	<50	1,270	<500	843	<50	332	6,790	<50	<50	14,400	<50	15,300	<50	249	<50	<50	8,580	261	ND
	12/8/2014	37,661	430	<100	4,700	2,700	360	<100	2,100	<100	560	<100	270	3,600	<100	<100	8,800	<100	6,300	<100	220	41	140	7,000	220	220
	10/27/2015	8,952	270	<100	1,400	640	<100	<100	962	<500	210	<100	110	540	<100	<100	2,500	<100	<100	<100	120	<100	76 J	2,200	<300	ND
	11/16/2016	9,410	380	<100	2,000	690	67	<100	660	<2000	260	<100	140	560	<100	<100	2,400	<100	220	<100	72 J	<100	92 J	2,100	<300	ND
	10/11/2017	2,832	24	<10	440	190	36	<10	630	<200	40	<10	39	66	<10	<10	570	<10	<10	4.3 J	<10	<10	5.3	780	12	ND
	10/31/2018	1,400	33	<5	260	110	7.6	<5	210	<100	14	<5	11	30	<5	<5	500	<5	<5	3.4 J	<5	2.4 J	28	190	<15	ND
	9/11/2019	435	12	<1	83	33	2.8	<1	54	<20	7.5	<1	4.4	13	<1	<1	130	<1	0.45 J	0.81 J	<1	1.3	6	88	<3	ND
	10/9/2020	344	13	<2	74	35	2.3	<2	30	<40	3.1	<2	6.7	4	<2	<2	120	<2	<2	<2	1.7 J	0.88 J	5.5	50	<4	ND
	10/27/2021	513	24	<5	110	43	2.8	<5	54	<100	6.6	<5	<5	4.5 J	<5	<5	170	<5	<5	<5	<5	<5	98	<15	ND	
	10/18/2022	125	5.2	<1	31	8.8	0.93 J	<1	10	<20	0.99 J	<1	3.9	<1	<1	<1	34	<1	1.1	1.2	<1	0.51 J	2.1	25	<3	ND
	11/28/2023	83	1.3	<1	20	7.2	0.55 J	<1	11	<20	0.86 J	<1	1.2	<1	<1	<1	20	<1	<1	0.59 J	<1	0.66 J	2.5	17	<3	ND
W-4B	2/4/1997	117,470	20,000	ND	13,000	8,700	810 J	ND	ND	4,500 J	1,200 J	ND	ND	ND	ND	ND		ND	61,000	550 J	2,800	ND	ND	4,200	710 J	ND
W-5	8/7/1996	467,000	110,000	ND	27,000	21,000	ND	ND	ND	19,000	2,100 J		1,700	9,400 J	ND		ND	ND	140,000	6,900	13,000	ND	ND	36,000	3,900 J	77,000
	2/24/1997	415,300	98,000	ND	26,000	19,000	2,000	ND	ND	34,000	2,200 J		1,800	9,100 J	ND		ND	1,100 J	130,000	5,600	15,000	ND	24,000	33,000	5,200	9,300
	10/30/2000	402,208	95,000	91.0	22,000	31,000	1,100	17.0	24,000	NA	1,000		1,200	2,200	190		72,000	760	100,000	3,500	8,900	340	11,000	25,000	2,540	370
	9/10/2001	378,680	144,000	<5	14,000	33,300	<5	<5	13,800	<10	<5		<5	<10	<5		53,900	<5	63,200	7,710	9,270	<5	27,000	12,500	<5	ND
	9/19/2002	672,790	121,000	<5,000	45,400	122,000	<5,000	<5,000	14,300	<10,000	7,780		11,100	<10,000	<5,000		74,300	5,880	93,100	28,900	35,300	<5,000	38,300	39,500	28,400	7,530
	9/17/2003	367,940	135,000	<5,000	9,220	31,800	<5,000	<5,000	11,300	<10,000	<5,000		<5,000	<10,000	<5,000		56,400	<5,000	81,900	6,340	7,580	<5,000	28,400	<10,000	<5,000	ND
	8/18/2004	375,700	177,000	<5000	5,290	36,600	<5000	<5,000	4,110	<10,000	<5,000		<5,000	<10,000	<5,000		41,400	<5,000	48,900	10,800	10,400	<5,000	41,200	<10,000	<5,000	ND
	3/3/2009																									

TABLE 2
GROUND WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample I.D.	Sample Date	Total VOCs and 1,4-Dioxane	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 Standard		NE	200	0.6	6	350	0.4	0.6	3	6000	1	0.3	50	3,000	70	3	70	600	5	0.7	600	100	3	0.03	500	-
W-20	1/31/1997	19.0	4 J	ND	4 J	4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	5	ND	ND	2 J	ND	ND	ND
W-21	1/31/1997	1,232	340	ND	130	210	110	ND	240 J	ND	ND		ND	18 J	3 J		ND	ND	3 J	47.0	ND	ND	54.0	77.0	ND	ND
	9/28/2000	1,494	190	<5	120	140	74.0	<5	520	NA	<5		<5	<10	<5		220	<5	<5	97.0	<5	<5	73.0	60.0	<10	ND
	9/10/2001	1,336	129	<5	101	140	57.8	<5	407	<10	<5		<5	<10	<5		271	<5	<5	116	<5	<5	72.7	41.4	<5	ND
	9/17/2002	1,775	127	<5	188	163	36.2	<5	458	<10	5.2		<5	<10	<5		498	<5	<5	102	<5	<5	98.0	100	<5	ND
	9/17/2003	1,890	106	<5	140	151	44.6	<5	743	<10	<5		<5	<10	<5		384	<5	<5	140	<5	<5	105	76.7	<5	ND
	8/17/2004	1,761	71.2	<10	114	124	47.4	<10	821	<20	<10		<10	<20	<10		333	<10	<10	95.2	<10	<10	81.5	73.5	<10	ND
	9/24/2009	3,701	313	1.2	518	390	38.9	<1.0	678	16.0	12.6	<1.0	9.8	4.9	5.3	<1.0	1,210	<1.0	<1.0	108	<1.0	3.3	170	222	<2.0	ND
W-23A	1/30/1997	4,600	ND	ND	ND	ND	ND	ND	ND	4,600	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/17/1998	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/4/2009	115	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	106	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.4	<1.0	<1.0	3.1	<1.0	<1.0	2.6	<1.0	<2.0	ND
W-23B	1/22/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
W-24 DUP-2 (W-24)	1/31/1997	2,109	200	ND	190	330	ND	ND	ND	ND	ND	ND	ND	ND	11 J	ND		ND	54	440	ND	ND	710	160	14 J	ND
	1/31/1997	1,921	180	ND	180	310	ND	ND	ND	ND	ND	ND	ND	ND	10 J	ND		ND	49	400	ND	ND	630	150	12 J	ND
	7/16/1998	1,943	ND	100 J	160	240 D	ND	ND	ND	ND	3 J	ND	ND	ND	8	ND		ND	12	520 D	ND	ND	690 D	190	20.0	ND
W-25	8/7/1996	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND
	1/27/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
W-29	2/5/1997	1,688,000	120,000	ND	7,400 J	29,000	580,000	ND	ND	240,000	ND	ND	49,000	ND	ND	ND		ND	290,000	13,000 J	10,000 J	ND	150,000	ND	ND	230,000
BD-1	3/29/2010	235	<1.0	<1.0	14.7	<1.0	<1.0	<5.0	208	<5.0	<1.0	<1.0	1.74	2.28	<1.0	<1.0	5.72	<1.0	1.48	<1.0	<1.0	<1.0	<1.0	1.34	ND	ND
DUP-02	3/31/2010	148	<1.0	<1.0	31.0	1.60	3.45	<1.0	28.6	<5.0	<1.0	<1.0	35.4	9.90	<1.0	<1.0	24.1	<1.0	2.00	1.55	<1.0	<1.0	2.87	7.67	ND	ND
LCHT-COMP	3/30/2010	904	<2.0	<2.0	82.2	34.4	8.87	<2.0	416	32.4	8.00	<2.0	136	24.7	<2.0	<2.0	95.8	2.60	5.09	<2.0	6.24	<2.0	6.69	44.9	ND	ND
PW-SF1	4/2/2010	11,985	<2.0	<2.0	114	<2.0	<2.0	<2.0	8,410	247	20	<2.0	1,190	1,340	<2.0	<2.0	2.4	11	175	<2.0	447	4	<2.0	25	ND	ND
	11/3/2011	34,627	1,840	32.6	2,990	3,670	1,240	<5	1,300	57.2	32.5	<5	1,450	1,580	250	<5	13,100	<5	251	211	1,070	23.3	1,410	3,920	54.0	145.7
	11/20/2012	8,577	136	<50	480	5.7	135	<50	4,310	<500	<50	<50	298	<50	<50	<50	2,230	<50	<50	<50	110	<50	123	749	<50	ND
	12/9/2013	46,400	1,250	<50	3,700	6,190	1,060	<50	3,940	<500	<50	<50	1,710	1,130	276	<50	19,900	<50	<50	<50	700	<50	1,470	4,920	<100	154
	12/8/2014	43,302	1,100	<200	3,500	4,200	1,300	<200	3,510	<1000	<200	<200	2,000	1,200	200	<200	19,000	<200	<200	320	680	<200	1,700	4,500	<600	92
	10/27/2015	41,479	1,100	<100	3,200	3,600	780	<100	3,550	<500	<100	<100	2,100	790	160	<100	18,000	<100	<100	420	800	<100	2,200	4,700	<300	79 J
	11/17/2016	48,530	1,800	<500	4,400	4,900	780	<500	3,600	<10000	<500	<500	2,200	450 J	280 J	<500	22,000	<500	<500	660	690	<500	2,800	4,700	<1500	ND
	10/11/2017	43,254	1,300	<100	3,900	4,000	880	<100	3,600	<2000	<100	<100	1,900	340	180	<100	19,000	<100	<100	650	530	<100	2,900	4,000	43 J	74
	10/30/2018	40,063	1,200	<100	3,400	3,600	660	<100	2,800	<2000	<100	<100	2,100	<100	110	<100	18,000	<100	<100	680	660	<100	3,100	3,600	45 J	63 J
	9/10/2019	43,240	3,100	<200	3,400	4,100	600	<200	3,200	<4000	<200	<200	1,800	<200	120	<200	20,000	<200	160	830	530	<200	2,900	2,400	<600	ND
	10/9/2020	42,870	130 J	<200	6,400	4,300	<200	<200	2,400	<4000	<200	<200	1,900	970	<200	<200	14,000	<200	260	<200	640	<200	<200	12,000	<600	ND
	10/27/2021	61,780	3,300	<500	6,200	5,300	<500	<500	2,300	<10000	<500	<500	2,100	<500	<500	<500	38,000	<500	260 J	<500	720	<500	<500	3,200	<1500	400
	10/18/2022	160,420	25,000	<1000	15,000	12,000	3,100	<1000	6,900	<20000	<1000	<1000	22,000	1,300	<1000	<1000	39,000	<1000	5,800	4,500	5,100	<1000	2,100	11,000	710	6,200
	11/28/2023	78,333	13,000	<1000	7,100	6,700	1,100	<1000	5,200	530 J	120	<1000	14,000	470 J	<1000	<1000	17,000	170	1,700	960	2,200	<1000	1,300	6,100	570	113
EB-1	4/2/2010	19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	15.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.15	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND
FB-1	4/2/2010	25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	21.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.55	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND
Crutchfield (potable well)	12/1/1998 ¹	ND	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<2.0	<0.5	<0.5	<0.5	<2.0	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	ND
	3/11/2009	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND

ug/l = micrograms per liter

J = Estimated Value

ND = Not Detected

NA - Not Analyzed

Bold type indicates value exceeds NC 2L ground water standard

Sample ID	Sample Date	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,4-Dioxane	Acetone	Benzene	Chlorobenzene	Chloroethane	Chloromethane	cis-1,2-Dichloroethane	Methylene Chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroeth	Trichloroethene	Vinyl Chloride	Xylenes (Total)	2-Butanone
		(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
NC 2B Std. (WS-IV)		2500	6	300	9.90	0.35	3100	1.19	488	NE	3	60	11000	0.7	11	290	2.5	0.025	6200	20000
Northern Intermittent Stream																				
SW-1		4/30/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2000	>5	>6	>6	>5	>100	NA	>5	>6	<10	ND	>6	>6	>5	>6	>5	>5	<10	<10	ND
	9/14/2001	>5	>6	>6	>5	>10	<10	>5	>6	<10	ND	>6	>6	>5	>6	>5	>5	<10	>5	ND
	9/15/2002	Dry	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-
	9/16/2003	>5	>6	>6	>5	>10	<10	>5	>6	<10	ND	>6	>6	>5	>6	>5	>5	<10	>5	>10
	8/23/2004	>5	>6	>6	>5	>10	<10	>5	>6	<10	ND	>6	>6	>5	>6	>5	>5	<10	>5	>10
	12/20/2005	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/29/2006	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/27/2007	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/13/2009	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2013	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/8/2014	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/2015	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2016	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2/1/2017	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/13/2017	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/29/2017	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/7/2018	>1	>1	>1	>1	12	>20	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>3	>5
	1/10/2019	>1	>1	>1	>1	>2	>20	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>3	>5
	9/18/2019	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/2020	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2021	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/19/2022	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/30/2023	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW-2		4/30/1997	ND	ND	ND	ND	ND	3J	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/15/1998	ND	ND	ND	ND	ND	ND	6	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2000	>5	>5	>5	>5	420	NA	>5	10	<10	ND	>5	>5	>5	>5	>5	>5	<10	<10	ND
	9/14/2001	>5	>5	>5	>5	353	<10	>5	7.6	<10	ND	>5	>5	>5	>5	>5	>5	<10	>5	ND
	9/24/2002	>5	>5	>5	>5	258	<10	>5	7.7	<10	ND	>5	>5	>5	>5	>5	>5	<10	>5	<10
	11/26/2002	NA	NA	NA	NA	293	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/15/2003	>5	>5	>5	>5	305	<10	>5	9.6	<10	ND	>5	>5	>5	>5	>5	>5	<10	>5	<10
	11/16/2004	>5	>5	>5	>5	233	<10	>5	8.7	<10	ND	>5	>5	>5	>5	>5	>5	<10	>5	<10
	12/20/2005	>5	>5	>5	>5	64	14.7	>5	6.2	<10	ND	>5	>5	>5	>5	>5	>5	<10	>5	>10
	8/29/2006	<1	<1	<1	<1	218	<5	<1	9.1	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
	8/29/2006	NA	NA	NA	NA	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/27/2007	>1	>1	>1	>1	176	<5	>1	9.4	<1	ND	<1	<1	<1	<1	<1	<1	<1	>2	ND
	5/13/2009	>1	>1	>1	>1	17.1	7.1	>1	3.8	<1	<1	>1	>1	>1	>1	>1	>1	>1	>1	>5
	4/1/2010	<1.0	>1.0	>1.0	<1.0	<2.0	<5.0	<1.0	>1.0	<1.0	<1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	ND	>5.0
	11/3/2011	<0.5	<0.5	<0.5	<0.5	6.2	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	>5
	11/20/2012	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2013	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/8/2014	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/2015	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2016	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2/1/2017	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/13/2017	>1	>1	>1	>1	>2	<20	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>3	>5
	11/29/2017	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/7/2018	>1	>1	>1	>1	22	<20	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>3	>5
	1/10/2019	>1	<1	>1	>1	15	<20	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>3	>5
	9/18/2019	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/2020	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2021	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/19/2022	<1	<1	<1	>1	14	<20	>1	<1	<1	>1	<1	<1	>1	<1	>1	>1	<1	>3	>5
	11/30/2023	Dry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3
SURFACE WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample ID	Sample Date	1,1-Trichloroethane (ug/l)	1,1-Dichloroethane (ug/l)	1,1-Dichloroethane (ug/l)	1,2-Dichloroethane (ug/l)	1,4-Dioxane (ug/l)	Acetone (ug/l)	Benzene (ug/l)	Chlorobenzene (ug/l)	Chloroethane (ug/l)	Chloromethane (ug/l)	cis-1,2-Dichloroethane (ug/l)	Methylene Chloride (ug/l)	Tetrachloroethane (ug/l)	Toluene (ug/l)	trans-1,2-Dichloroeth (ug/l)	Trichloroethane (ug/l)	Vinyl Chloride (ug/l)	Xylenes (Total) (ug/l)	2-Butanone (ug/l)
NC 2B Std. (WS-IV)		2500	6	300	9.90	0.35	3100	1.19	488	NE	3	60	11000	0.7	11	290	2.5	0.025	6200	20000
Southern Intermittent Stream																				
SW-3	4/30/1997	66	73	33	6	ND	ND	3J	ND	5J	ND	ND	110	4J	4J	ND	2J	19	ND	ND
	7/15/1998	ND	5	ND	ND	NA	ND	ND	ND	ND	ND	4J	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2000	24	38	14	>5	600 B	NA	>5	>5	<10	ND	45	10	<5	>5	>5	<5	<10	>10	ND
	9/14/2001	<5	<5	<5	<5	281	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	ND
	9/24/2002	<5	14.6	5.1	<5	69.7	<10	<5	<5	<10	ND	17.0	<5	<5	<5	<5	<5	<10	<5	<10
	11/26/2002	NA	NA	NA	NA	151	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/16/2003	13	42.4	16.8	<5	202	<10	<5	<5	<10	ND	50.4	7.2	<5	<5	<5	<5	<10	<5	<10
	8/23/2004	<5	13.3	<5	<5	546	<10	<5	8.7	16.4	ND	6.9	<5	<5	<5	<5	<5	<10	<5	<10
	8/25/2004	<5	31.7	9	<5	115	<10	<5	<5	<10	ND	33.6	<5	<5	<5	<5	<5	<10	<5	<10
	12/20/2005	39.1	96.3	50	<5	26.3	<10	<5	<5	<10	ND	182	111	<5	<5	<5	<5	20.7	<5	<10
	8/29/2006	11.8	59.3	24	3.5	327	<5	<1	<1	3.2	ND	88.6	5.2	1.1	<1	<1	1.7	7.4	<2	ND
SW-3A	8/25/2004	23.8	85.4	26	<5	182	<10	<5	<5	<10	ND	87.2	7.7	<5	<5	<5	5.8	31.2	<5	<10
SW-3B	8/25/2004	<5	<5	<5	<5	84	<10	<5	<5	<10	ND	19.1	<5	5.3	<5	<5	7.7	<10	<5	<10
SW-108	11/2/2000	14	26	10	<5	330	NA	<5	<5	<10	ND	30	5.8	<5	<5	<5	<5	<10	<10	ND
	9/27/2007	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/13/2009	32.3	84.1	52.4	4.1	144	10.2	2.5	1.4	10.5	<1	178	7.6	2.1	<1.0	<1.0	7.8	28.5	<1	<5
	4/1/2010	21.7	52.6	36.6	<1.0	66.9	8.01	1.69	1.01	11.2	<1.0	127	51	1.32	<1.0	<1.0	5.58	23.7	ND	<5.0
	11/3/2011	20.6	37.3	24	1.58	38	<5	<0.5	<0.5	19.9	<0.5	76.5	4.79	<0.5	<0.5	<0.5	10.6	25	<0.5	<5
	11/20/2012	27.1	50.7	29.3	<0.5	115	<5	<0.5	0.62	19	<0.5	105	1.31	2.62	<0.5	0.58	14	23.2	<0.5	<5
	12/11/2013	28.7	26.6	33.2	0.74	10	<5	1.83	0.73	10.4	<0.5	85.1	<0.5	1.4	<0.5	0.75	14.6	18.8	<0.5	<5
	12/8/2014	8.2	22	10	<1	96.8	<5	<1	<1	8.8	<1	42	15	1.2	<1	<1	4.8	11	<3	<5
	10/22/2015	27	81	37	2.7	104	<5	0.88 J	<1	24	<1	140	81	4.8	<1	0.87 J	19	28	<3	<5
	11/17/2016	<1	<1	<1	<1	16	28 J	<1	<1	<1	<1	0.44 J	<1	<1	<1	<1	<1	<1	<3	<5
	2/1/2017	NA	NA	NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/13/2017	<1	<1	<1	<1	9.7 J	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	11/29/2017	NA	NA	NA	NA	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/7/2018	<1	1.2	<1	<1	13	<20	<1	<1	<1	<1	2.3	<1	<1	<1	<1	<1	<1	<3	<5
	9/18/2019	<1	<1	<1	<1	1.7	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<1
	10/22/2020	<1	0.89 J	<1	<1	3.9	<20	<1	<1	<1	<1	1.6	<1	<1	<1	<1	<1	<1	<2	<1
	10/21/2021	0.95 J	2.1	<1	<1	4.6	<20	<1	<1	<1	<1	2.6	<1	<1	<1	<1	<1	<1	<2	<1
	10/19/2022	<1	0.88 J	<1	<1	2.1	<20	<1	<1	<1	<1	1.2	<1	<1	<1	<1	<1	<1	<3	<5
	11/30/2023	<1	<1	<1	<1	2.5	<20	<1	<1	<1	<1	0.59 J	<1	<1	<1	<1	<1	<1	>3	<10
SW-4	4/30/1997	4J/5J	30/34	3J/3J	3J/4J	ND/ND	12J/23J	1J/1J	62/69	15J/16J	ND	ND/ND	10/11	ND/ND	ND/ND	ND/ND	ND/ND	8J/9J	ND/ND	ND/ND
	7/20/1998	ND	16	ND	4J	NA	ND	ND	77	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2000	<5	<5	<5	<5	1100 B	NA	<5	48	34	ND	<5	<5	<5	<5	<5	<5	<10	<10	ND
	9/14/2001	<5	<5	<5	<5	806	<10	<5	16.5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	ND
	9/24/2002	<5	<5	<5	<5	480	<10	<5	19.3	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	11/26/2002	NA	NA	NA	NA	448	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/15/2003	<5	7.7	<5	<5	118	11	<5	12.2	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	8/25/2004	<5	<5	<5	<5	592	<10	<5	38.0	18.2	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	12/20/2005	6.4	24.9	7.3	<5	172	17.3	<5	22.4	<10	ND	36.5	5.8	<5	<5	<5	<5	<10	<5	<10
	8/29/2006	<1	1.2	<1	<1	1040	<5	<1	9.5	8.1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
	8/29/2006	NA	NA	NA	NA	1200	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/27/2007	<1	<1	<1	<1	24.1	<5	<1	<1	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
	5/13/2009	<1	<1	<1	<1	8.4	8.4	<1	<1	<1	1.7	<1	<1	<1	<1	<1	<1	<1	<1	<5
	4/1/2010	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<5.0
	11/3/2011	72	443	126	32.6	110	10.6	14.2	358	141	<0.5	440	1.21	3.24	0.74	<0.5	13.5	371	4.93	<5
	11/20/2012	<0.5	2.1	<0.5	<0.5	22.7	<5	<0.5	5.9	<0.5	<0.5	1.56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
	12/13/2013	<0.5	<0.5	<0.5	<0.5	<2.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
	12/8/2014	<1	<1	<1	<1	3.3	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	10/22/2015	<1	<1	<1	<1	4.1 J	<5	<1	0.82 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	11/21/2016	<1	<1	<1	<1	18	<10	<1	1.3 J	0.70 J	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
	2/1/2017	NA	NA	NA	NA	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/13/2017	86	710	280	63	1700	<200	20	840	120	<10	1100	<10	6.7 J	4.8 J	4.3 J	4.1 J	1000	9.1	<50
	11/29/2017	120	770	370	58	1500	<200	24	950	65	<10	1400	<10	15	6.7	4.3	22	970	14	<50
	11/7/2018	<1	25	13	2.5	48	<20	<1	23	24	<1	40	<1	<1	<1	<1	<1	45	<3	<5
	9/18/2019	51	400	120	34	1800	<200	<10	820	250	<10	540	<10	4.4	4.9 J	7.1 J	<1	420	7.7 J	<50
	10/22/2020	7.7	52	27	4.7	79	<20	0.41 J	6	6.6	<1	100	<1	1	<1	<1	<1	73	0.47 J	<5
	10/21/2021	170	1100	670	120	1500	<20	0.41 J	1700	100	<1	3300	<1	18	11	<1	<1	1500	<1	<5
	10/19/2022	1.4	12	4.2	1.1	14	<20	<1	1.8	<1	<1	18	<1	<1	<1	<1	<1	19	<3	<5
	11/30/2023	25	250	90	27	300	<20	8.8	400	73	<1	330	<1	2.3	3.2	2	2.3	270	8.1	<10

TABLE 3
SURFACE WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample ID	Sample Date	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,4-Dioxane	Acetone	Benzene	Chlorobenzene	Chloroethane	Chloromethane	cis-1,2-Dichloroethane	Methylene Chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroeth	Trichloroethene	Vinyl Chloride	Xylenes (Total)	2-Butanone
		(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
NC 2B Std.	(WS-IV)	2500	6	300	9.90	0.35	3100	1.19	488	NE	3	60	11000	0.7	11	290	2.5	0.025	6200	20000
SW-5	4/30/1997	ND	ND	ND	ND	ND	8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2000	>5	<5	>5	>5	>100	NA	>5	<10	ND	ND	<5	>5	<5	>5	>5	<5	<10	>10	ND
	9/14/2001	>5	<5	>5	>5	<10	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	ND
	9/24/2002	>5	<5	>5	>5	<10	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	>10
	11/26/2002	NA	NA	NA	NA	<10	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/16/2003	>5	<5	>5	<5	12.4	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	>10
	8/25/2004	>5	<5	>5	<5	<10	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	12/20/2005	<5	<5	>5	<5	<10	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	>10
	8/29/2006	>1	<1	<1	>1	<2	51.7	>1	<1	<1	ND	<1	>1	>1	<1	>1	<1	<1	<2	ND
	9/27/2007	>1	<1	<1	<1	<2	<5	<1	>1	>1	ND	>1	>1	<1	<1	>1	<1	<1	<2	ND
	5/13/2009	8.7	8.6	6.4	>1	25.4	5.3	>1	>1	>1	>1	39.4	>1	3.3	>1	>1	9.0	8.2	>1	<5
	4/1/2010	<1.0	>1.0	<1.0	<1.0	<2.0	<5.0	<1.0	>1.0	<1.0	<1.0	>1.0	<1.0	<1.0	>1.0	<1.0	<1.0	<1.0	<1.0	<5.0
	11/3/2011	<0.5	>0.5	<0.5	<0.5	<3.0	<5.0	<0.5	>0.5	<0.5	<0.5	>0.5	<0.5	<0.5	>0.5	<0.5	<0.5	<0.5	<0.5	<5
	11/20/2012	<0.5	>0.5	<0.5	<0.5	6.97	>5	<0.5	>0.5	<0.5	<0.5	>0.5	<0.5	<0.5	>0.5	<0.5	<0.5	<0.5	<0.5	<5
	12/16/2013	<0.5	>0.5	<0.5	<0.5	13.0	>5	<0.5	>0.5	<0.5	<0.5	>0.5	<0.5	<0.5	>0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2014	>1	<1	<1	>1	2.26	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3
	10/22/2015	>1	<1	<1	>1	1.8 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3
	11/17/2016	>1	<1	<1	>1	3.1 J	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3
	2/1/2017	NA	NA	NA	NA	8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10/13/2017	>1	<1	>1	>1	14.0	<20	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>3	
11/29/2017	NA	NA	NA	NA	8.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/7/2018	>1	<1	<1	>1	23.0	<20	>1	<1	>1	>1	<1	<1	<1	<1	>1	>1	<1	<3	<5	
9/18/2019	>1	<1	<1	>1	5.8	<20	>1	<1	<1	>1	0.63 J	<1	<1	<1	<1	<1	<1	0.46 J	<3	
10/22/2020	>1	<1	<1	>1	3.5	<20	>1	<1	<1	>1	<1	<1	<1	<1	<1	<1	<1	<1	<2	
10/21/2021	>1	<1	<1	>1	2.2	<20	>1	<1	<1	>1	<1	<1	<1	<1	<1	<1	<1	<1	<2	
10/19/2022	>1	<1	<1	>1	1.6	<20	>1	<1	<1	>1	<1	<1	<1	<1	<1	<1	<1	<1	<3	
11/30/2023	>1	<1	<1	>1	7.6	<20	>1	<1	<1	>1	<1	<1	<1	<1	<1	<1	<1	<1	<3	

Sample ID	Sample Date	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,4-Dioxane	Acetone	Benzene	Chlorobenzene	Chloroethane	Chloromethane	cis-1,2-Dichloroethane	Methylene Chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroeth	Trichloroethene	Vinyl Chloride	Xylenes (Total)	2-Butanone
		(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
NC 2B Std. (WS-IV)		2500	6	300	9.90	0.35	3100	1.19	488	NE	3	60	11000	0.7	11	290	2.5	0.025	6200	20000
Randman Lake (formerly the Deep River)																				
SW-6	5/1/1997	ND	ND	ND	ND	ND	6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2000	>5	>5	>5	>5	<100	NA	>5	>5	<10	ND	>5	>5	>5	>5	>5	>5	>10	<10	ND
	9/14/2001	>5	>5	>5	>5	<10	NA	>5	>5	<10	ND	>5	>5	>5	>5	>5	>5	>10	>5	ND
	9/24/2002	>5	>5	>5	>5	11.5	<10	>5	>5	<10	ND	>5	>5	>5	>5	>5	>5	>10	>5	<10
	11/26/2002	NA	NA	NA	NA	<10	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/16/2003	>5	>5	>5	>5	<10	<10	>5	>5	<10	ND	>5	>5	>5	>5	>5	>5	>10	>5	<10
	8/25/2004	>5	>5	>5	>5	133	<10	>5	>5	<10	ND	>5	>5	>5	>5	>5	>5	>10	>5	<10
	12/20/2005	>5	>5	>5	>5	11.4	<10	>5	>5	<10	ND	>5	>5	>5	>5	>5	>5	>10	>5	<10
	8/29/2006	<1	<1	<1	<1	<2	>5	<1	<1	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
	Split (8270)	8/29/2006	NA	NA	NA	NA	<3.3	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA
	9/27/2007	<1	<1	<1	<1	<2	>5	<1	<1	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
Upper	2/25/2009	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND
Mid	2/25/2009	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND
Mid	5/13/2009	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5
Upper	5/13/2009	<1.0	<1.0	<1.0	<1.0	<2.0	8.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5
Surface	4/1/2010	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<5.0
Bottom	4/1/2010	<1.0	<1.0	<1.0	<1.0	4.02	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<5.0
Surface	11/3/2011	<0.5	<0.5	<0.5	<0.5	<3.0	>5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	>5
Surface	11/21/2012	<0.5	<0.5	<0.5	<0.5	3.73	>5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bottom	11/21/2012	<0.5	<0.5	<0.5	<0.5	2.0	>5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Surface	12/13/2013	<0.5	<0.5	<0.5	<0.5	9.29	>5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	>5
Bottom	12/13/2013	<0.5	<0.5	<0.5	<0.5	2.0	>5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	>5
Surface	12/15/2014	<1	<1	<1	<1	<2	>5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	12/15/2014	<1	<1	<1	<1	<2	>5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	10/22/2015	<1	<1	<1	<1	<2	>5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/22/2015	<1	<1	<1	<1	<2	>5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	11/21/2016	<1	<1	<1	<1	<2	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	11/21/2016	<1	<1	<1	<1	<2	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	2/1/2017	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bottom	2/1/2017	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Surface	10/13/2017	<1	<1	<1	<1	13.0	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/13/2017	<1	<1	<1	<1	14.0	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	11/29/2017	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bottom	11/29/2017	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Surface	11/7/2018	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	11/7/2018	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	9/18/2019	<1	<1	<1	<1	1.6 J	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	9/18/2019	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	10/22/2020	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/22/2020	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	10/21/2021	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/21/2021	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	10/20/2022	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/20/2022	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	11/30/2023	<1	<1	<1	<1	3.1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	11/30/2023	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5

TABLE 3
SURFACE WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample ID	Sample Date	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,4-Dioxane	Acetone	Benzene	Chlorobenzene	Chloroethane	Chloromethane	cis-1,2-Dichloroethane	Methylene Chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroeth	Trichloroethene	Vinyl Chloride	Xylenes (Total)	2-Butanone
		(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
NC 2B Std.	(WS-IV)	2500	6	300	9.90	0.35	3100	1.19	488	NE	3	60	11000	0.7	11	290	2.5	0.025	6200	20000
SW-7	5/2/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/3/2000	>5	>5	>5	>5	<100	NA	>5	<5	<10	ND	<5	>5	>5	<5	>5	<5	<10	<10	ND
	9/13/2001	>5	>5	>5	>5	40.5	<10	>5	<5	23	ND	<5	>5	>5	<5	>5	<5	<10	>5	ND
	9/24/2002	>5	>5	>5	>5	<10	<10	>5	<5	<10	ND	<5	>5	>5	<5	>5	<5	<10	>5	<10
	11/26/2002	NA	NA	NA	NA	<10	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/15/2003	>5	>5	>5	>5	<10	<10	>5	<5	<10	ND	<5	>5	>5	<5	>5	<5	<10	>5	<10
	8/23/2004	>5	>5	>5	>5	<10	<10	>5	<5	<10	ND	<5	>5	>5	<5	>5	<5	<10	>5	<10
	12/20/2005	>5	>5	>5	>5	<10	10.7	>5	<5	<10	ND	<5	>5	>5	<5	>5	<5	<10	>5	<10
	8/29/2006	>1	<1	<1	<1	4.3	<5	>1	2	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
	9-27-200	>1	<1	<1	<1	23.2	>1	>1	2	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
Upper	2/25/2009	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	ND	>1.0	<1.0	<1.0	<1.0	>1.0	<1.0	<1.0	>1.0	<2.0	ND
Mid	2/25/2009	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	ND	>1.0	<1.0	<1.0	<1.0	>1.0	<1.0	<1.0	>1.0	<2.0	ND
Mid	5/13/2009	<1.0	<1.0	<1.0	<1.0	<2.0	5.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	>1.0	<1.0	<1.0	>1.0	<1.0	>5
Upper	5/13/2009	<1.0	<1.0	<1.0	<1.0	<2.0	7.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	>1.0	<1.0	<1.0	>1.0	<1.0	>5
Surface	4/1/2010	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	>1.0	<1.0	<1.0	>1.0	ND	>5.0
Bottom	4/1/2010	<1.0	<1.0	<1.0	<1.0	<2.0	>5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	>1.0	<1.0	<1.0	>1.0	ND	>5.0
Surface	11/3/2011	<0.5	>0.5	<0.5	<0.5	<3.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	>0.5	<0.5	<0.5	>0.5	<0.5	>5
Surface	11/21/2012	<0.5	>0.5	0.88	<0.5	9.10	>5	<0.5	1.11	<0.5	<0.5	<0.5	<0.5	<0.5	>0.5	<0.5	<0.5	>0.5	<0.5	<0.5
Bottom	11/21/2012	<0.5	>0.5	<0.5	<0.5	9.88	>5	<0.5	0.94	<0.5	<0.5	<0.5	<0.5	<0.5	>0.5	<0.5	<0.5	>0.5	<0.5	<0.5
Surface	12/13/2013	<0.5	>0.5	<0.5	<0.5	<2.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	>0.5	<0.5	<0.5	>0.5	<0.5	<0.5
Bottom	12/13/2013	<0.5	>0.5	<0.5	<0.5	<2.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	>0.5	<0.5	<0.5	>0.5	<0.5	<0.5
Surface	12/15/2014	<1	<1	<1	<1	2.38	<5	>1	1.3	<1	<1	0.42 J	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	12/15/2014	<1	<1	<1	<1	<2	<5	<1	1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	10/22/2015	<1	<1	<1	<1	1.43 J	<5	>1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/22/2015	<1	<1	<1	<1	1.60 J	<5	>1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	11/21/2016	<1	<1	<1	<1	27	<10	>1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	11/21/2016	<1	<1	<1	<1	28	<10	>1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	12/28/2016	NA	NA	NA	NA	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Surface	2/1/2017	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bottom	2/1/2017	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Surface	10/13/2017	<1	<1	<1	<1	26.0	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/13/2017	<1	<1	<1	<1	20.0	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	11/29/2017	NA	NA	NA	NA	8.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bottom	11/29/2017	NA	NA	NA	NA	9.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Surface	11/7/2018	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	11/7/2018	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	9/18/2019	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	9/18/2019	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	10/22/2020	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Bottom	10/22/2020	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Surface	10/21/2021	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Bottom	10/21/2021	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Surface	10/20/2022	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/20/2022	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	11/30/2023	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	11/30/2023	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5

Sample ID	Sample Date	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,4-Dioxane	Acetone	Benzene	Chlorobenzene	Chloroethane	Chloromethane	cis-1,2-Dichloroethen	Methylene Chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroeth	Trichloroethene	Vinyl Chloride	Xylenes (Total)	2-Butanone
		(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
NC 2B Std. (WS-IV)		2500	6	300	9.90	0.35	3100	1.19	488	NE	3	60	11000	0.7	11	290	2.5	0.025	6200	20000
SW-DRP-2	11/3/2000	>5	<5	<5	<5	<100	NA	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<10	ND
East	9/14/2001	>5	6.3	<5	<5	15.3	<10	<5	5.8	<10	ND	5.7	<5	<5	<5	<5	<5	<10	<5	ND
West	9/14/2001	>5	29.5	<5	<5	42.8	<10	<5	61.5	30.5	ND	26.4	<5	<5	<5	<5	<5	21.7	<5	ND
	9/24/2002	6.6	47.0	11.8	<5	39.2	<10	<5	62.3	20.5	ND	60.3	<5	<5	<5	<5	<5	28.1	<5	<10
	11/26/2002	NA	NA	NA	NA	<10	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/15/2003	<5	<5	<5	<5	<10	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	8/23/2004	>5	<5	7.1	<5	145	<10	5.4	189	48.6	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	12/20/2005	14.2	80.3	33.8	<5	82.1	<10	<5	66.4	17.7	ND	140	<5	<5	<5	<5	<5	36.1	<5	<10
	8/29/2006	<1	2	<1	<1	<2	<5	<1	<1	<1	ND	3.1	<1	<1	<1	<1	<1	<1	<2	ND
Split (8270)	8/29/2006	NA	NA	NA	NA	<3	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/27/2007	<1	<1	<1	<1	23.3	<5	<1	2	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
Upper	2/25/2009	<1.0	<1.0	3.0	1.9	<2.0	8.0	<1.0	1.4	<1.0	ND	7.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND
Mid	2/25/2009	<1.0	<1.0	<1.0	<1.0	<2.0	9.2	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<2.0	ND
Mid	5/13/2009	<1.0	<1.0	<1.0	<1.0	<2.0	8.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<5
Upper	5/13/2009	<1.0	<1.0	<1.0	<1.0	<2.0	6.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<5
Surface	4/1/2010	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<5.0
Bottom	4/1/2010	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<5.0
Surface	11/21/2012	<0.5	<0.5	<0.5	<0.5	7.27	<5	<0.5	2.75	<0.5	<0.5	1.19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bottom	11/21/2012	<0.5	1.86	1.4	<0.5	11.4	<5	<0.5	6.26	6.36	<0.5	2.26	<0.5	<0.5	<0.5	<0.5	<0.5	2.54	<0.5	<0.5
Surface	12/13/2013	<0.5	<0.5	<0.5	<0.5	<2.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
Bottom	12/13/2013	<0.5	<0.5	<0.5	<0.5	<2.0	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
Surface	12/15/2014	<1	<1	<1	<1	1.2 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	12/15/2014	<1	<1	<1	<1	1.62 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	10/22/2015	<1	<1	<1	<1	3.02 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/22/2015	<1	<1	<1	<1	3.11 J	<5	<1	0.47 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	11/21/2016	<1	<1	<1	<1	18	<10	<1	1.3 J	0.59 J	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	11/21/2016	<1	<1	<1	<1	18	<10	<1	1.3 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	12/28/2016	NA	NA	NA	NA	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Surface	2/1/2017	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bottom	2/1/2017	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Surface	10/13/2017	<1	<1	<1	<1	19.0	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/13/2017	<1	<1	<1	<1	21.0	<20	<1	0.53 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	11/29/2017	NA	NA	NA	NA	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bottom	11/29/2017	NA	NA	NA	NA	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Surface	11/7/2018	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	11/7/2018	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	9/18/2019	<1	<1	<1	<1	1.4 J	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	9/8/2019	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	10/22/2020	<1	<1	<1	<1	0.83 J	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Bottom	10/22/2020	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Surface	10/21/2021	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Bottom	10/21/2021	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Surface	10/20/2022	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/20/2022	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	11/30/2023	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	11/30/2023	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
SW-DRP-4	11/2/2000	<5	<5	<5	<5	<100	NA	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<10	ND
East	9/14/2001	<5	9.1	<5	<5	44	<10	<5	101	51.5	ND	8	<5	<5	<5	<5	<5	<10	<5	ND
West	9/14/2001	<5	8.5	<5	<5	30.2	<10	<5	69.4	33.3	ND	7.4	<5	<5	<5	<5	<5	<10	<5	ND
	9/24/2002	<5	<5	<5	<5	<10	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	11/26/2002	NA	NA	NA	NA	<10	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/15/2003	<5	<5	<5	<5	<10	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	8/24/2004	<5	<5	<5	<5	<10	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	12/20/2005	<5	<5	<5	<5	<10	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	8/29/2006	<1	<1	<1	<1	<2	<5	<1	<1	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
SWT-40											ND									
EAST @1	9/13/2001	<5	6.5	<5	<5	49.3	<10	<5	47.6	36.7	ND	5.1	<5	<5	<5	<5	<5	<10	<5	ND
EAST @3.2	9/13/2001	<5	6	<5	<5	48.9	<10	<5	68.4	38.9	ND	<5	<5	<5	<5	<5	<5	<10	<5	ND
WEST @0.5	9/13/2001	<5	5.9	<5	<5	45.9	<10	<5	59.9	37.3	ND	<5	<5	<5	<5	<5	<5	<10	<5	ND
SWT-50											ND									
EAST @1.0	9/13/2001	<5	7	<5	<5	43.4	<10	<5	14.8	33.6	ND	5.4	<5	<5	<5	<5	<5	<10	<5	ND
EAST @3.0	9/13/2001	<5	7.6	<5	<5	48.2	<10	<5	42	39.8	ND	6.1	<5	<5	<5	<5	<5	<10	<5	ND
WEST @1.0	9/13/2001	<5	7	<5	<5	44	<10	<5	20.2	34.3	ND	5.6	<5	<5	<5	<5	<5	<10	<5	ND
	9/27/2007	<1	<1	<1	<1	24.9	<5	<1	<1	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND

TABLE 3
SURFACE WATER ANALYTICAL RESULTS - VOCs
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Sample ID	Sample Date	1,1-Trichloroethane (ug/l)	1,1-Dichloroethane (ug/l)	1,1-Dichloroethane (ug/l)	1,2-Dichloroethane (ug/l)	1,4-Dioxane (ug/l)	Acetone (ug/l)	Benzene (ug/l)	Chlorobenzene (ug/l)	Chloroethane (ug/l)	Chloromethane (ug/l)	cis-1,2-Dichloroethane (ug/l)	Methylene Chloride (ug/l)	Tetrachloroethane (ug/l)	Toluene (ug/l)	trans-1,2-Dichloroethane (ug/l)	Trichloroethane (ug/l)	Vinyl Chloride (ug/l)	Xylenes (Total) (ug/l)	2-Butanone (ug/l)
NC 2B Std. (WS-IV)		2500	6	300	9.90	0.35	3100	1.19	488	NE	3	60	11000	0.7	11	290	2.5	0.025	6200	20000
SW-DRP-10	11/2/2000	<5	7.5	<5	<5	<100	NA	<5	14	17	ND	5.7	<5	<5	<5	<5	<5	<10	<10	ND
East	9/13/2001	<5	6	<5	<5	43.8	<10	<5	14.4	27.7	ND	<5	<5	<5	<5	<5	<5	<10	<5	ND
West	9/13/2001	<5	6.3	<5	<5	43.5	<10	<5	19.2	30.9	ND	<5	<5	<5	<5	<5	<5	<10	<5	ND
	9/24/2002	<5	<5	<5	<5	12.6	<10	<5	7.2	7.5	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	11/26/2002	NA	NA	NA	NA	<10	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/15/2003	<5	<5	<5	<5	<10	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	8/23/2004	<5	<5	<5	<5	12	<10	<5	9.1	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	12/20/2005	<5	<5	<5	<5	<10	<10	<5	<10	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	8/29/2006	<1	<1	<1	<1	4.1	<5	<1	2.9	1.1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
East	9/13/2001	<5	<5	<5	<5	38.3	<10	<5	<5	22.5	ND	<5	<5	<5	<5	<5	<5	<10	<5	ND
West	9/13/2001	<5	<5	<5	<5	42.2	<10	<5	5.1	22.1	ND	<5	<5	<5	<5	<5	<5	<10	<5	ND
	9/27/2007	<1	<1	<1	<1	22.4	<5	<1	<1	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
SW-DRP-11	11/2/2000	<5	<5	<5	<5	<100	NA	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<10	ND
	9/13/2001	<5	<5	<5	<5	10.2	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	ND
	9/24/2002	<5	<5	<5	<5	109	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	11/26/2002	NA	NA	NA	NA	<10	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
50 FT UP	11/26/2002	NA	NA	NA	NA	<10	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/15/2003	<5	<5	<5	<5	53.5	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	8/23/2004	<5	<5	<5	<5	20.4	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	12/20/2005	<5	<5	<5	<5	<10	<10	<5	<5	<10	ND	<5	<5	<5	<5	<5	<5	<10	<5	<10
	8/29/2006	<1	<1	<1	<1	3.5	5.2	<1	1.1	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
	9/27/2007	<1	<1	<1	<1	17.9	<5	<1	<1	<1	ND	<1	<1	<1	<1	<1	<1	<1	<2	ND
Upper	2/25/2009	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND
Mid	2/25/2009	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	ND
Mid	5/13/2009	<1.0	<1.0	<1.0	<1.0	<2.0	10.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<5
Upper	5/13/2009	<1.0	<1.0	<1.0	<1.0	<2.0	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<5
Surface	4/1/2010	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<5.0
Bottom	4/1/2010	<1.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<5.0
Surface	11/21/2012	<0.5	<0.5	<0.5	<0.5	10.2	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bottom	11/21/2012	<0.5	<0.5	<0.5	<0.5	9.93	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Surface	12/16/2013	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bottom	12/16/2013	<0.5	<0.5	<0.5	<0.5	14.4	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Surface	12/15/2014	<1	<1	<1	<1	1.55 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	12/15/2014	<1	<1	<1	<1	1.53 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	10/22/2015	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/22/2015	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	11/21/2016	<1	<1	<1	<1	19	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	11/21/2016	<1	<1	<1	<1	17	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	2/1/2017	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bottom	2/1/2017	NA	NA	NA	NA	1.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Surface	10/13/2017	<1	<1	<1	<1	31.0	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/13/2017	<1	<1	<1	<1	31.0	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	11/29/2017	NA	NA	NA	NA	20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bottom	11/29/2017	NA	NA	NA	NA	20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Surface	11/7/2018	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	11/7/2018	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	9/18/2019	<1	<1	<1	<1	1.3 J	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	9/18/2019	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Surface	10/22/2020	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Bottom	10/22/2020	<1	<1	<1	<1	<2	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Surface	10/21/2021	<1	<1	<1	<1	1.4 J	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Bottom	10/21/2021	<1	<1	<1	<1	1.2 J	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<5
Surface	10/20/2022	<1	<1	<1	<1	1.0	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
Bottom	10/20/2022	<1	<1	<1	<1	<0.3	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<5
No longer sampled																				

ug/l = micrograms per liter

J = Estimated value

B = Analyte detected in method blank as well as sample

Bold type indicates value exceeds NC 2B surface water quality standard (WS-IV)

ND = Not Detected

NE = Not Established

NA = Not Analyzed

NC 2B Std. (WS-IV) = North Carolina 2B surface water quality standard for Class WS-IV waters

Values separated by slash (/) indicates split sample results

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
Ground Water					
MRF-1	2/24/2009	17.0	6.1		900
MW-1	3/5/2009	14.8	3.9		194
	3/31/2010	16.5	6.6		2840
	11/2/2011	14.2	8.2	9.7	228
	11/20/2012	13.6	9.4	3.5	458
	12/9/2013	13.5	12.0	3.6	3
	12/8/2014	12.1	7.8	4.6	352
	10/26/2015	13.7	8.0	3.5	0
	11/14/2016	14.5	7.3	3.4	287
	10/11/2017	19.9	7.2	4.7	262
	11/1/2018	17.8	8.1	10.5	324
	9/10/2019	22.8	6.6		585
	10/13/2020	19.7	7.4		196
	10/26/2021	15.7	5.7	1.3	337
	10/12/2022	16.5	5.9	1.1	482
	11/28/2023	9.6	8.5	9.0	330
MW-2C	2/24/2009	14.4	6.6		688
MW-3B	9/26/2000	15.7	6.2		2000
	9/5/2001	17.8	6.4		1930
MW-3C	9/26/2000	15.4	6.3		1520
	9/5/2001	17.6	6.5		1570
	9/18/2002	16.9	6.8		1820
	8/17/2004	18.2	6.6		1461
	2/27/2009	15.7	6.4		686
	3/30/2010	17.5	7.7		2370
	11/1/2011	16.4	7.8	8.3	971
	11/20/2012	14.8	7.9	2.9	648
	12/11/2013	11.1	6.9	19.5	4
	12/11/2014	15.7	6.7	4.4	1915
	10/27/2015	15.3	6.5	1.9	1284
	11/14/2016	17.2	7.3	2.7	1221
	10/10/2017	23.9	6.2	4.2	1096
	11/2/2018	17.3	6.8	3.3	1123
	9/11/2019	31.1	6.5		1555
	10/13/2020	18.1	6.4		665
	10/26/2021	16.6	5.5	1.2	1042
	10/17/2022	16.8	5.4	4.0	804
	11/29/2023	12.2	6.7	3.0	746
MW-5	2/24/2009	10.5	5.2		544
MW-6	9/26/2000	15.3	6.0		559
	9/6/2001	17.5	6.2		472
	9/19/2002	18.1	6.5		538
	8/18/2004	--	--		--
	3/3/2009	14.6	7.5		900
	3/30/2010	17.4	6.9		2730
	11/1/2011	17.6	8.9	7.3	40
	11/19/2012	20.6	7.3	2.9	1036
	12/11/2013	11.3	6.5	11.7	113
	12/12/2014	14.7	6.6	3.2	1163
	10/30/2015	16.0	7.1	1.3	719
	11/17/2016	20.1	6.5	1.7	751
	10/10/2017	22.0	7.6	3.6	692
	11/2/2018	19.5	6.6	4.6	993
	9/12/2019	26.7	6.9		1245
	10/14/2020	19.7	6.2		579
	10/28/2021	19.2	6.4	0.3	955
	10/19/2022	16.9	6.4	3.2	950
	11/29/2023	7.9	6.8	3.4	869
MW-7B	3/3/2009	16.2	5.9		4220
MW-8	3/5/2009	16.9	5.1		990
MW-9	9/26/2000	14.9	5.8		1.17
	2/26/2009	12.4	8.0		1840

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
MW-10	9/26/2000	15.4	6.3		2.51
	9/6/2001	16.0	6.3		2480
	9/19/2002	16.1	6.7		2740
	9/16/2003	17.0	6.7		1940
	8/17/2004	16.0	6.4		2200
	3/6/2009	14.9	6.2		932
	3/29/2010	16.6	8.8		4510
	11/1/2011	16.9	7.1	9.4	1058
	11/19/2012	15.8	7.4	2.0	154
	12/10/2013	12.8	6.5	7.9	302
	12/10/2014	13.1	6.5	4.1	257
	10/26/2015	15.9	7.0	1.8	1523
	11/14/2016	16.6	6.7	2.3	1194
	10/10/2017	20.2	6.0	3.9	905
	10/31/2018	17.6	6.8	3.6	1591
	9/10/2019	24.5	6.2		31
	10/12/2020	19.1	6.4		307
	10/26/2021	18.7	4.6	0.9	355
	10/14/2022	16.6	6.5	3.0	467
	11/29/2023	8.2	7.1	2.3	480
MW-11	9/28/2000	17.2	6.5		5950
	9/10/2001	17.3	6.7		5860
	9/18/2002	16.5	7.0		5350
	8/17/2004	--	--		--
	3/4/2009	14.0	6.8		2990
MW-12A	9/28/2000	17.9	6.2		747
	10/30/2000	17.7	6.4		899
	9/6/2001	18.7	6.5		506
	9/20/2002	18.8	6.4		766
	9/16/2003	21.3	6.6		521
	8/18/2004	23.0	7.0		425
	3/6/2009	12.1	5.0		150
	4/1/2010	17.0	7.4		6660
	11/2/2011	10.9	9.6	1.1	1601
	11/19/2012	15.8	7.7	2.8	539
	12/10/2013	12.3	6.8	7.7	317
	12/11/2014	14.1	6.8	4.6	564
	10/27/2015	14.7	6.8	1.6	1948
	11/14/2016	16.4	7.5	3.1	1530
	10/10/2017	22.2	6.4	4.4	1558
	11/1/2018	18.2	6.1	1.7	1720
	9/10/2019	26.7	6.5		1500
	10/13/2020	19.5	6.5		1180
	10/26/2021	18.6	5.9	0.8	1856
	10/17/2022	18.5	5.6	0.8	1794
	11/28/2023	12.6	6.7	2.9	1701
MW-12B	9/28/2000	16.9	6.2		2620
	9/6/2001	17.7	6.4		2570
	9/20/2002	18.1	6.3		2930
	9/16/2003	18.3	6.7		2500
	8/18/2004	--	--		--
	3/4/2009	11.9	7.8		2990
	4/9/2010	16.6	6.2		412
	11/2/2011	16.4	9.0	2.7	1418
	11/19/2012	15.0	7.4	2.8	39
	12/10/2013	14.8	6.4	18.5	295
	12/11/2014	14.3	6.5	3.5	868
	10/27/2015	14.0	6.5	1.7	1475
	11/14/2016	15.3	6.6	2.9	1682
	10/10/2017	22.4	6.5	3.5	1699
	11/1/2018	22.1	6.7	7.8	990
	9/11/2019	25.0	6.5		1695
	10/13/2020	18.9	6.5		1230
	10/26/2021	17.4	5.6	0.7	1965
	10/17/2022	17.5	5.1	1.2	1767
	11/28/2023	13.0	6.4	2.5	2056

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
MW-12D	9/29/2000	15.8	6.8		1110
	9/12/2001	16.2	7.8		949
	9/20/2002	19.5	7.6		520
	3/5/2009	13.4	11.9		208
	4/1/2010	19.6	9.6		91100
	11/2/2011	11.2	8.4	11.5	293
	11/23/2012	18.0	9.1	1.9	27
	12/11/2013	12.8	7.9	18.8	379
	12/11/2014	17.3	7.7	6.0	609
	10/25/2015	19.3	6.7	1.8	1210
	11/18/2016	14.8	8.3	3.7	358
	10/11/2017	20.5	7.3	6.2	382
	11/1/2018	22.2	8.7	4.7	412
	9/12/2019	21.0	7.1		275
	10/13/2020	18.8	7.7		113
	10/26/2021	17.7	6.3	0.6	279
	10/17/2022	17.7	6.0	1.0	
	11/28/2023	13.4	8.3	2.4	210
MW-15A	9/5/2001	17.5	6.3		942
	9/18/2002	15.8	6.7		1150
	9/17/2003	15.8	5.9		932
	8/18/2004	--	--		--
	3/6/2009	15.1	6.3		427
	3/31/2010	17.7	7.7		4940
	11/2/2011	14.7	7.8	7.8	265
	11/19/2012	14.8	7.6	2.7	237
	12/10/2013	14.9	6.1	6.9	873
	12/8/2014	11.6	6.6	4.9	768
	10/27/2015	14.7	6.6	1.8	478
	11/14/2016	14.1	6.6	2.8	760
	10/11/2017	22.9	6.6	4.7	739
	10/31/2018	16.3	6.8	11.2	246
	9/10/2019	24.8	6.6		1515
	10/9/2020	17.9	6.3		289
	10/28/2021	15.7	7.1	0.5	508
	10/18/2022	15.2	9.0	1.2	508
	11/28/2023	11.8	6.5	3.7	517
MW-16					
MW-17	3/5/2009	18.7	10.0		357
OW-DR1	9/27/2000	19.0	6.3		2120
OW-DR2	9/26/2000	16.0	6.3		1850
	9/10/2001	15.6	6.5		1900
	2/27/2009	16.2	9.9		1760
	3/30/2010	17.1	8.2		4960
	11/1/2011	17.0	8.4	6.3	1060
	11/23/2012	14.7	7.7	1.9	789
	12/11/2013	13.2	8.4	2.9	837
	12/12/2014	14.4	7.0	3.1	1918
	10/30/2015	12.7	9.7	0.9	1388
	11/18/2016	17.0	6.9	1.0	987
	10/10/2017	20.6	6.4	3.3	1500
	11/2/2018	17.1	7.6	0.8	1600
	9/11/2019	23.3	7.6		900
	10/13/2020	18.1	7.2		372
	10/28/2021	16.2	7.5	0.3	627
	10/18/2022	16.0	6.7	4.3	618
	11/29/2023	6.5	9.8	9.1	645

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
OW-DR3	9/20/2002	16.7	6.3		2520
	8/24/2004	17.6	6.7		643
	3/4/2009	12.7	3.7		2460
	11/26/2012	17.5	6.1	2.5	1713
	12/10/2013	13.7	6.3	4.1	254
OW-DR4	9/23/2002	17.9	6.6		1720
	8/24/2004	17.5	6.3		1288
	2/25/2009	17.5	6.2		762
OW-LFS1	2/26/2009	15.2	6.0		3730
OW-LFS2	2/26/2009	14.5	5.4		3100
	3/30/2010	17.3	8.2		9990
	11/1/2011	16.9	7.7	6.2	141
	11/19/2012	17.4	7.6	2.7	367
	12/11/2013	12.2	6.4	8.4	668
	12/12/2014	14.7	6.5	4.6	1722
	10/26/2015	16.2	6.6	2.2	1302
	11/14/2016	18.9	6.5	2.5	2036
	10/10/2017	21.6	6.5	4.5	2093
	10/31/2018	17.9	6.6	9.5	1403
	9/12/2019	20.2	6.7		830
	10/12/2020	20.4	6.5		1440
	10/28/2021	17.2	6.5	0.3	2827
	10/17/2022	22.8	6.6	1.5	1545
	11/29/2023	15.5	7.5	2.3	433
OW-NIS1	3/10/2009	20.3	4.4		2650
OW-SF1	3/9/2009	18.0	3.8		802
OW-SIS1	8/17/2004	16.2	5.8		656.4
	3/9/2009	18.0	4.2		579
OW-SIS2	2/24/2009	16.0	6.1		155
OW-SIS3	3/4/2009	13.6	6.0		392
PW-2D	3/3/2009	15.2	7.8		1930
PW-3D	11/27/2012	9.3	10.0	5.0	375
	12/17/2013	8.6	12.7	18.7	128
	12/11/2014	14.1	8.6	1.8	572
	10/25/2015	18.8	6.3	0.6	397
	11/16/2016	18.1	8.5	3.7	358
	10/11/2017	21.4	7.5	1.7	377
	11/2/2018	19.1	7.5	1.5	457
	9/11/2019	23.6	8.0		762
	10/27/2021	17.0	6.9	0.4	461
	10/12/2022	18.3	6.0	0.8	466
	11/27/2023	15.5	7.5	2.0	433
PW-4I	9/28/2000	21.8	6.3		2010
	9/11/2001	19.7	6.4		1710
	9/19/2002	20.8	6.5		1890
	8/23/2004	20.4	3.1		1719
	3/5/2009	17.5	4.4		2160
	4/2/2010	16.6	7.6		1860
	11/2/2011	24.4	8.0	0.2	1017
	11/20/2012	18.9	7.2	2.0	920
	12/17/2013	12.1	6.7	19.6	807
	12/8/2014	13.9	6.3	1.5	1516
	10/29/2015	20.5	6.8	0.8	1675
	11/17/2016	21.1	6.0	1.6	1399
	10/11/2017	22.7	6.4	1.5	857
	11/2/2018	21.5	6.5	1.9	1686
	9/11/2019	24.2	6.4		1857
	10/14/2020	21.6	6.2		1120
	10/27/2021	18.3	6.9	0.3	1944
	10/18/2022	15.2	9.0	1.2	508
	11/28/2023	15.3	6.1	2.1	2020

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
PW-5D	9/26/2000	15.8	6.4		1620
	9/10/2001	16.0	6.7		1590
	9/23/2002	16.3	6.8		1610
	8/18/2004	16.5	6.4		1293
	3/27/2009	16.3	6.3		797
	3/30/2010	17.2	8.4		1690
	11/3/2011	17.3	8.4	8.3	1044
	11/23/2012	15.8	8.2	1.9	790
	12/16/2013	10.4	6.8	18.3	995
	12/11/2014	14.9	7.0	2.8	1609
	10/30/2015	15.8	7.8	1.3	955
	11/18/2016	15.3	6.9	1.1	927
	10/10/2017	20.3	6.8	2.4	1335
	11/2/2018	17.6	7.8	2.9	1658
	9/11/2019	25.6	7.6		920
	10/13/2020	18.0	7.4		455
	10/28/2021	16.5	7.5	0.4	757
	10/18/2022	16.0	7.3	1.5	770
	11/29/2023	8.9	9.6	6.9	772
PW-6D New Well	10/2/2000	16.5	7.7		320
	9/12/2001	15.4	8.0		472
	9/19/2002	15.9	8.1		356
	8/25/2004	15.7	7.9		276
	3/18/2009	16.7	7.3		363
	3/31/2010	17.4	7.4		408
	12/10/2014	13.1	8.2	4.6	564
	10/30/2015	20.5	8.2	1.2	263
	11/17/2016	17.6	7.7	1.4	410
	10/10/2017	19.0	7.3	4.3	1100
	11/1/2018	16.6	7.6	7.1	918
	9/12/2019	25.2	7.5		904
	10/12/2020	17.9	8.0		241
	10/28/2021	15.9	6.1	0.4	780
	10/14/2022	15.8	6.4	2.3	448
	11/29/2023	8.1	7.5	6.7	647
PW-6I New Well	10/2/2000	15.9	6.2		573
	9/12/2001	14.5	6.2		816
	9/19/2002	15.3	6.3		631
	8/25/2004	15.1	6.3		544
	3/4/2009	13.5	6.2		404
	3/31/2010	17.9	6.0		1020
	12/10/2014	11.0	7.6	3.5	1521
	10/27/2015	14.7	6.7	1.5	1201
	11/17/2016	14.6	6.8	1.9	1155
	10/10/2017	22.1	6.4	3.6	1178
	11/1/2018	17.3	6.5	0.7	1157
	9/12/2019	21.8	6.0		1517
	10/13/2020	17.4	6.3		761
	10/28/2021	15.9	6.0	0.4	1303
	10/14/2022	15.8	6.4	2.3	448
	11/29/2023	8.8	7.6	5.9	1238
PW-7I	9/28/2000	19.3	6.9		2230
	9/12/2001	16.6	6.6		3190
	9/20/2002	16.2	6.7		3250
	8/20/2004	19.6	6.6		2666
	3/4/2009	13.8	5.2		3010
PW-8S	9/27/2000	15.5	6.3		1130
	9/6/2001	19.0	6.5		1040
	9/17/2003	17.4	6.2		2080
	8/17/2004	20.0	6.3		1628
	3/3/2009	14.1	9.7		1670
PW-9I	9/27/2000	19.2	7.0		1860
	3/12/2009	19.0	5.4		1410

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
PW-10D	9/26/2000	15.1	8.3		703
	9/11/2001	15.5	6.9		769
	9/18/2002	19.8	9.8		354
	8/17/2004	18.0	9.3		235
	3/29/2010	18.1	9.9		920
	11/1/2011	19.3	7.7	6.8	53
	11/21/2012	14.3	12.8	4.7	103
	12/11/2013	13.3	12.0	4.6	120
	12/10/2014	13.6	9.8	4.6	342
	11/3/2015	17.7	7.1	2.7	1225
	11/17/2016	17.5	9.9	2.1	259
	10/10/2017	21.3	7.3	4.6	285
	10/31/2018	23.3	9.9	4.9	250
	9/12/2019	24.9	9.9		298
	10/12/2020	19.2	10.3		130
	10/26/2021	17.4	7.0	0.9	220
	10/13/2022	17.9	7.0	1.6	217
	11/29/2023	8.5	9.2	6.3	245
PW-10I	9/26/2000	16.7	6.1		787
	9/11/2001	15.6	6.2		1080
	9/18/2002	16.0	6.4		1210
	8/17/2004	15.9	6.3		1192
	3/12/2009	16.5	3.7		2110
	3/29/2010	15.6	7.7		3960
	11/1/2011	17.4	7.9	6.1	1123
	11/19/2012	15.0	7.3	1.9	1693
	12/11/2013	11.9	6.5	7.2	973
	12/10/2014	14.3	6.4	2.7	214
	10/29/2015	19.7	8.1	2.5	1356
	11/17/2016	17.3	6.2	1.7	1529
	10/10/2017	22.5	6.9	2.8	930
	11/1/2018	16.3	7.3	11.8	62
	9/12/2019	22.2	6.2		2000
	10/12/2020	17.7	6.2		1150
	10/26/2021	17.5	5.3	0.9	2254
	10/13/2022	17.0	5.9	2.3	2517
	11/29/2023	9.9	7.2	3.0	1501
PW-11I	9/29/2000	16.3	6.9		649
	9/11/2001	17.2	7.2		722
	9/18/2002	19.1	8.1		618
	8/25/2004	19.1	7.8		294
	3/5/2009	16.1	5.2		929
PW-12I	10/2/2000	23.1	7.1		659
	9/11/2001	15.9	6.5		554
	9/19/2002	17.6	6.7		689
	8/17/2004	17.3	5.8		525
	8/22/2006	16.9	5.5		90
	3/3/2009	13.9	6.1		752
	3/31/2010	17.0	6.4		634
	11/2/2011	21.3	8.9	1.5	47
	11/20/2012	16.3	8.1	3.4	152
	12/17/2013	11.8	7.0	8.8	160
	12/12/2014	11.7	7.1	9.2	880
	10/30/2015	15.8	7.2	2.9	650
	11/21/2016	16.1	6.7	2.7	597
	10/11/2017	21.3	6.5	8.9	660
	11/6/2018	19.1	7.2	3.4	816
	9/11/2019	25.5	6.3		1022
	10/14/2020	18.0	6.4		446
	10/28/2021	17.1	6.3	0.4	852
	10/19/2022	21.9	6.8	1.1	763
	11/30/2023	14.0	7.0	6.6	691

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
PW-13I	9/29/2000	17.5	6.7		1100
	9/12/2001	18.3	6.9		937
	9/20/2002	18.4	7.2		999
	9/23/2003	17.8	6.3		890
	8/25/2004	17.8	7.0		896
	3/4/2009	16.5	6.7		483
	3/31/2010	18.5	8.1		1640
	11/3/2011	12.1	9.5	6.3	780
	11/23/2012	19.2	8.4	1.7	1323
	12/16/2013	13.1	6.8	8.7	319
	12/12/2014	17.5	6.9	2.9	1450
	10/26/2015	16.9	6.9	1.0	1701
	11/18/2016	18.0	6.9	1.3	976
	10/11/2017	19.8	6.8	3.0	791
	10/31/2018	17.7	7.1	10.1	1003
	9/11/2019	24.7	6.9		1247
	10/13/2020	18.3	7.0		571
	10/28/2021	16.2	6.9	0.4	1007
	10/12/2022	17.3	6.4	2.7	562
	11/27/2023	13.9	6.7	1.4	930
PW-14D	10/31/2000	23.0	12.2		6.91
	9/10/2001	19.3	12.7		6,720
	8/19/2004	19.2	12.2		4941
	8/22/2006	20.5	12.8		613
	3/11/2009	18.9	9.7		6400
	3/31/2010	16.0	12.0		6640
	11/7/2011	14.8	9.6	7.5	1253
	11/27/2012	13.3	12.7	2.8	1776
	12/12/2013	9.5	7.0	2.6	629
	12/9/2014	16.8	12.1	5.2	381
	11/3/2015	18.1	9.1	1.7	340
	11/16/2016	15.6	13.1	2.0	3999
	10/12/2017	18.8	6.9	5.1	612
	11/5/2018	19.2	12.7	2.0	4246
	9/17/2019	26.0	12.5		365
	10/14/2020	19.7	12.1		3370
	10/27/2021	15.9	10.0	0.0	5677
	10/13/2022	15.9	9.7	1.6	5593
	11/27/2023	15.4	10.2	3.0	5015
PW-14S	10/30/2000	17.7	6.0		130
	9/6/2001	17.8	6.3		185
	8/19/2004	16.8	5.9		95
	8/22/2006	16.8	5.1		185
	3/10/2009	15.7	4.0		68
PW-15D	10/31/2000	15.5	6.8		1.46
	9/6/2001	16.8	6.7		1.68
	9/16/2003	16.3	7.5		730
	8/19/2004	--	--		--
	8/23/2006	16.0	6.3		1.6
	3/11/2009	19.0	4.0		79
	3/30/2010	15.9	6.2		1950
	11/7/2011	11.1	6.3	8.1	95
	11/26/2012	17.3	6.3	1.1	1204
	12/12/2013	9.4	6.9	7.0	727
	12/9/2014	16.1	7.0	2.8	1628
	10/28/2015	18.7	7.1	1.0	966
	11/15/2016	17.3	7.8	2.4	867
	10/12/2017	18.1	6.9	2.8	738
	11/5/2018	15.9	7.5	0.7	1360
	9/17/2019	21.1	7.2		920
	10/14/2020	19.6	6.4		34
	10/27/2021	15.2	6.0	0.4	784
	10/13/2022	16.0	6.3	2.4	790
	11/28/2023	9.9	7.6	2.8	94

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
PW-15S	10/30/2000	16.7	6.4		467
	9/6/2001	16.3	7.2		648
	8/19/2004	--	--		--
	8/23/2006	17.9	6.5		604
	3/11/2009	17.6	4.5		432
PW-16D	11/2/2000	17.1	7.4		85.7
	9/6/2001	15.7	7.3		96
	8/19/2004	16.5	7.2		845
	8/23/2006	15.8	6.7		125
	3/11/2009	19.1	3.8		633
	3/30/2010	15.4	6.6		1280
	11/7/2011	16.8	8.2	6.1	460
	11/26/2012	19.8	6.8	1.6	926
	12/12/2013	8.4	7.8	9.7	365
	12/9/2014	15.2	7.7	2.9	1327
	10/28/2015	18.6	7.1	0.8	815
	11/15/2016	18.0	8.4	1.7	709
	10/12/2017	18.8	7.8	3.2	1364
	11/5/2018	16.3	7.4	2.4	619
	9/12/2019	22.5	7.2		689
	10/14/2020	18.4	6.2		45
	10/27/2021	16.1	6.5	0.4	604
	10/13/2022	16.8	6.7	5.8	691
	11/28/2023	8.2	7.6	4.0	124
PW-16S	10/30/2000	17.4	6.3		347
	9/6/2001	17.6	6.3		499
	8/19/2004	17.2	6.3		291
	8/23/2006	18.6	6.8		416
PW-17	11/3/2000	18.8	6.4		44.4
	9/12/2001	18.3	6.5		364
	9/18/2002	16.8	6.6		424
	8/19/2004	17.3	6.6		447
	3/5/2009	15.9	7.4		242
PW-18	11/3/2000	15.6	10.3		44.2
	9/10/2001	17.3	11.2		853
	9/16/2003	16.8	12.9		9040
	8/19/2004	--	--		--
	8/22/2006	18.5	13.1		121
	3/11/2009	20.3	8.7		1310
	3/31/2010	17.7	12.2		12200
	11/8/2011	7.7	6.1	9.6	954
	11/26/2012	15.1	12.0	3.1	393
	12/12/2013	10.6	12.5	8.7	66
	12/9/2014	14.1	12.2	7.6	1134
	10/26/2015	15.5	12.7	4.3	1102
	11/15/2016	17.2	13.5	7.3	3999
	10/16/2017	16.7	12.8	7.9	1217
	11/7/2018	17.5	12.7	4.8	1210
	9/17/2019	Not Sampled			
	10/14/2020	Not Sampled			
	10/27/2021	Not Sampled			
PW-19	11/6/2001	15.3	7.2		268
	9/18/2002	18.6	7.5		387
	9/16/2003	11.8	8.9		483
	8/17/2004	16.2	7.8		450
	3/10/2009	17.1	9.2		299
PW-DR1	2/25/2009	13.6	6.2		1950
PW-SIS1	8/19/2004	15.7	6.8		536
	3/9/2009	17.2	5.8		210

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
PW-SF1	4/2/2010	17.6	8.8		3960
	11/3/2011	18.6	8.7	3.4	896
	11/20/2012	14.9	7.6	1.8	147
	12/9/2013	14.9	6.8	11.3	39
	12/8/2014	14.5	6.7	3.4	1272
	10/27/2015	14.1	6.8	3.1	1656
	11/17/2016	15.9	6.9	1.6	845
	10/11/2017	18.3	6.4	3.3	819
	10/31/2018	17.2	6.4	0.5	392
	9/10/2019	24.6	6.0		218
	10/9/2020	17.5	7.1		676
	10/27/2021	15.6	6.3	0.5	1091
	10/18/2022	15.0	8.0	2.0	1851
	11/28/2023	7.9	6.3	4.0	1714
RW-LFS1	2/26/2009	14.8	6.0		3010
RW-LFS2	2/26/2009	15.7	6.2		2460
RW-NIS1	3/6/2009	15.0	5.1		3190
RW-SIS2	3/9/2009	17.7	3.8		160
RW-SIS3	3/4/2009	15.6	6.0		681
RW-SIS4	3/4/2009	12.7	6.1		97
RW-SIS5	3/4/2009	12.5	6.7		425
RW-SIS6	3/4/2009	15.2	6.3		322
W-1	9/27/2000	16.2	6.5		330
	9/10/2001	17.5	6.6		296
	9/18/2002	17.1	6.6		307
	9/17/2003	17.6	6.3		448
	8/17/2004	17.1	6.8		390
	3/3/2009	16.4	6.9		484
W-4	9/27/2000	14.9	6.5		267
	9/10/2001	16.0	6.6		263
	9/17/2002	18.4	6.9		342
	9/17/2003	16.5	6.1		290
	8/17/2004	18.4	6.0		248
W-4A	9/27/2000	14.7	6.5		612
	9/10/2001	15.1	6.5		773
	9/14/2002	15.5	6.4		653
	9/17/2003	14.5	6.1		434
	8/17/2004	15.5	6.4		475
	2/27/2009	18.6	6.2		223
	3/31/2010	15.6	7.6		52100
	11/2/2011	14.7	9.0	1.0	695
	11/19/2012	14.5	7.6	3.4	32
	12/17/2013	10.8	6.5	9.5	546
	12/8/2014	12.5	6.6	4.2	1006
	10/27/2015	14.3	6.7	1.8	234
	11/16/2016	16.3	7.6	1.3	356
	10/11/2017	21.9	6.6	4.1	383
	10/31/2018	17.3	6.6	10.0	13
	9/11/2019	23.2	7.1		337
	10/9/2020	19.7	6.2		144
	10/27/2021	15.3	6.0	0.4	270
	10/18/2022	13.4	7.0	1.5	233
	11/28/2023	11.6	6.7	2.6	320
W-5	9/27/2000	15.7	6.4		2530
	10/30/2000	15.3	6.3		2580
	9/10/2001	15.9	6.4		2170
	9/18/2002	16.1	6.9		2060
	8/18/2004	--	--		--
	3/3/2009	14.1	6.3		556
W-6A	9/28/2000	17.1	5.9		4950
W-18	3/5/2009	14.6	6.1		361
W-21	9/28/2000	14.3	6.0		343
	9/10/2001	14.8	6.6		310
	9/17/2002	15.5	6.7		342
	9/17/2003	14.9	6.1		360
	8/17/2004	16.8	6.5		292
	2/24/2009	13.4	6.6		900
W-23A	3/4/2009	11.8	6.4		426
W-24	3/5/2009				

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
Surface Water					
SW-1	11/2/2000	10.4	6.7		175
	9/14/2001	20.1	6.4		153
	9/24/2002	Dry	--		--
	9/16/2003	19.9	6.8		119
	8/23/2004	20.2	7.4		59
	10/22/2015	Dry			
	11/21/2016	Dry			
	10/13/2017	Dry			
	11/7/2018	12.8	7.9	6.7	177
	9/18/2019	Dry			
	10/22/2020	Dry			
	10/21/2021	Dry			
	10/19/2022	Dry			
	11/30/2023	Dry			
SW-2	11/2/2000	16.6	7.2		2070
	9/14/2001	21.2	7.1		1640
	9/24/2002	20.9	5.8		1870
	9/15/2003	21.8	7.2		2160
	8/23/2004	24.8	7.3		98
	8/22/2006	20.8	7.0		226
	4/1/2010	15.3	7.5		103
	11/3/2011	14.3	8.4		378
	11/20/2012	Dry			
	12/11/2013	Dry			
	12/8/2014	Dry			
	10/22/2015	Dry			
	11/21/2016	Dry			
	10/13/2017	21.7	7.8	5.3	112
	11/7/2018	14.7	7.7	7.1	251
	9/18/2019	Dry			
	10/22/2020	Dry			
	10/21/2021	Dry			
	10/19/2022	15.1	6.1	5.5	470
	11/30/2023	Dry			
SW-3	11/2/2000	11.0	8.0		359
	9/14/2001	20.1	7.3		199
	9/24/2002	19.3	6.7		3450
	9/16/2003	19.7	7.3		244
	8/25/2004	23.1	8.1		133
	8/22/2006	23.2	7.5		480
	4/1/2010	15.6	7.6		6850
	11/3/2011	10.6	8.9	11.1	261
	11/20/2012	11.1	9.1	6.0	35
	12/11/2013	5.5	9.0	1.6	144
	12/8/2014	10.2	8.4	16.2	108
	10/22/2015	16.6	7.5	4.8	224
	11/17/2016	12.7	7.7	2.2	1577
	10/13/2017	19.1	7.4	2.2	246
	11/7/2018	19.2	7.9	6.6	298
	9/18/2019	21.8	7.7		323
	10/22/2020	20.8	8.4	4.5	281
	10/21/2021	11.6	4.9	2.7	312
	10/19/2022	11.2	7.2	10.2	195
	11/30/2023	3.4	7.7	10.2	316
SW-3A	8/25/2004	21.9	8.1		126
SW-3B	8/25/2004	21.9	7.7		123
SW-4	11/2/2000	12.8	6.9		964
	9/14/2001	19.9	7.2		771
	9/15/2003	25.0	7.5		473
	8/25/2004	22.9	7.5		452
	8/22/2006	22.2	7.3		112
	4/1/2010	14.9	7.7		102
	11/3/2011	14.5	7.7	6.1	671
	11/20/2012	11.5	9.1	5.6	22
	12/13/2013	4.2	8.8	9.5	1
	12/8/2014	7.2	8.3	17.4	147
	10/22/2015	15.8	8.4	4.8	0
	11/21/2016	9.8	8.1	4.0	206
	10/13/2017	19.9	6.3	8.8	878
	11/7/2018	19.5	8.1	6.3	252
	9/18/2019	21.2	6.5		1285
	10/22/2020	20.5	8.3	2.5	108
	10/21/2021	15.0	4.7	2.1	1546
	10/19/2022	15.2	7.0	3.7	156
	11/30/2023	7.7	6.8	2.7	608

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
SW-5	11/2/2000	14.7	6.9		415
	9/14/2001	19.7	6.7		295
	9/24/2002	19.7	6.7		295
	9/16/2003	20.6	7.0		300
	8/25/2004	21.1	7.5		168
	8/22/2006	22.2	7.5		540
	4/1/2010	17.1	7.4		6760
	11/3/2011	11.9	9.6	9.9	212
	11/20/2012	11.5	9.1	5.6	22
	12/16/2013	8.7	8.5	9.7	78
	12/8/2014	7.7	10.1	11.0	229
	10/22/2015	16.3	7.3	4.9	199
	11/17/2016	10.2	7.8	4.8	320
	10/13/2017	19.0	7.4	9.2	314
	11/7/2018	14.9	7.8	6.1	217
	9/18/2019	22.0	9.1		311
	10/22/2020	19.5	8.1	3.8	301
	10/21/2021	13.3	6.1	4.1	438
	10/19/2022	14.1	6.8	7.8	367
	11/30/2023	5.9	7.7	9.6	442
SW-6	11/2/2000	11.4	7.5		215
	9/14/2001	22.4	6.9		133
	9/24/2002	22.4	7.5		168
	9/16/2003	21.5	7.4		117
	8/25/2004	26.4	8.2		82
	8/22/2006	25.7	7.7		168
	4/1/2010	14.3	8.3		103
	11/3/2011	14.5	10.3	6.8	326
	shallow - 1'	11/21/2012	8.1	5.4	8
	deep - 8.5'	11/21/2012	8.7	5.2	79
	shallow - 1'	12/13/2013	5.2	9.8	45
	deep - 11'	12/13/2013	5.6	9.5	26
	shallow - 1'	12/15/2014	9.0	8.6	212
	deep - 8.6'	12/15/2014	9.1	8.7	279
	shallow - 1'	10/22/2015	21.6	7.5	127
	deep - 8.6'	10/22/2015	20.3	7.4	97
	shallow - 1'	11/21/2016	12.2	8.0	154
	deep - 8.5'	11/21/2016	11.9	7.9	151
	shallow - 1'	10/13/2017	22.5	9.4	303
	deep - 10.2'	10/13/2017	22.0	9.2	293
	shallow - 1'	11/7/2018	18.1	9.9	197
	deep - 11.0'	11/7/2018	17.8	9.5	100
	shallow - 1'	9/18/2019	24.4	8.1	177
	deep - 10'	9/18/2019	24.6	8.6	163
	shallow - 1'	10/22/2020	21.8	5.9	56
	deep - 11'	10/22/2020	22.3	4.8	69
	shallow - 1'	10/21/2021	16.0	5.7	150
	deep - 15.3'	10/21/2021	16.2	5.3	124
	shallow - 1'	10/20/2022	12.1	6.5	1415
	deep - 5'	10/20/2022	10.2	6.5	1107
	shallow - 1'	11/30/2023	10.9	7.9	129
	deep - 6'	11/30/2023	9.7	8.1	136
SW-7	11/3/2000	9.0	6.3		319
	9/13/2001	20.3	6.8		220
	9/24/2002	21.8	6.6		263
	9/15/2003	23.8	7.0		156
	8/23/2004	25.5	7.2		85
	4/1/2010	13.4	7.4		103
	11/3/2011	11.8	9.0	13.3	84
	shallow - 1'	11/21/2012	10.5	9.1	58
	deep - 11.5'	11/21/2012	10.7	9.0	319
	shallow - 1'	12/13/2013	6.6	8.2	18
	deep - 13'	12/13/2013	6.4	8.2	4
	shallow - 1'	12/15/2014	10.5	8.6	186
	deep - 12.3'	12/15/2014	11.1	8.4	179
	shallow - 1'	10/22/2015	18.6	8.6	75
	deep - 12.1'	10/22/2015	18.3	8.6	64
	shallow - 1'	11/21/2016	10.5	8.0	262
	deep - 12'	11/21/2016	9.7	9.2	276
	shallow - 1'	10/13/2017	23.3	8.6	338
	deep - 13.0'	10/13/2017	22.3	8.3	318
	shallow - 1'	11/7/2018	17.8	8.7	82
	deep - 16.0'	11/7/2018	17.8	8.7	80
	shallow - 1'	9/18/2019	26.2	8.5	216
	deep - 19.5'	9/18/2019	24.7	8.2	169
	shallow - 1'	10/22/2020	23.0	8.2	144
	deep - 11'	10/22/2020	21.6	8.2	89
	shallow - 1'	10/21/2021	18.1	5.4	116
	deep - 14'	10/21/2021	17.9	5.3	111
	shallow - 1'	10/20/2022	12.6	*	137
	deep - 14'	10/20/2022	12.1	*	142
	shallow - 1'	11/30/2023	10.8	7.5	164
	deep - 12'	11/30/2023	11.0	7.5	167

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
SW-DRP-2 East West shallow - 1' deep - 12.5' shallow - 1' deep - 10' shallow - 1' deep - 12.3' shallow - 1' deep - 12.3' shallow - 1' deep - 12' shallow - 1' deep - 14.2' shallow - 1' deep - 12.0' shallow - 1' deep - 10' shallow - 1' deep - 12' shallow - 1' deep - 11.5' shallow - 1' deep - 12' shallow - 1' deep - 8'	11/3/2000	13.5	6.5		1870
	9/14/2001	20.3	7.0		224
	9/14/2001	20.5	6.9		239
	9/15/2003	23.1	7.1		150
	8/23/2004	22.0	3.7		386
	4/1/2010	14.1	7.8		102
	11/3/2011	11.5	8.8	10.9	140
	11/21/2012	10.2	8.9	5.9	43
	11/21/2012	9.9	9.1	5.6	67
	12/13/2013	5.8	8.2	9.4	10
	12/13/2013	5.7	6.9	9.9	28
	12/15/2014	10.2	8.7	16.5	176
	12/15/2014	10.2	8.5	16.3	176
	10/22/2015	15.9	8.1	6.3	0
	10/22/2015	16.0	8.1	6.4	0
	11/21/2016	9.7	8.1	3.7	203
	11/21/2016	9.6	7.9	6.6	206
	10/13/2017	23.3	8.5	16.5	324
	10/13/2017	21.7	8.6	16.3	334
	11/7/2018	18.9	9.1	6.7	97
	11/7/2018	17.9	8.8	6.5	83
	9/18/2019	24.8	7.7		300
	9/18/2019	25.0	8.3		159
	10/22/2020	25.3	8.6	5.3	119
	10/22/2020	24.6	8.6	4.6	89
	10/21/2021	17.8	6.2	1.9	124
	10/21/2021	17.7	5.9	1.8	113
	10/20/2022	11.6	6.6	3.0	460
	10/20/2022	13.2	6.6	3.5	144
	11/30/2023	11.0	7.8	6.2	140
	11/30/2023	11.6	7.7	9.3	140
SW-DRP-4 East West	11/3/2000	13.1	6.3		544
	9/14/2001	18.8	6.1		286
	9/14/2001	17.7	6.8		237
	9/15/2003	23.4	7.1		182
SW-DRP-10 East West	11/2/2000	12.6	6.9		306
	9/13/2001	21.9	7.6		214
	9/13/2001	21.4	7.2		215
	9/15/2003	23.5	7.1		154
SW-DRP-11 shallow - 1' deep - 9' shallow - 1' deep - 12' shallow - 1' deep - 11.6' shallow - 1' deep - 11.7' shallow - 1' deep - 12' shallow - 1' deep - 12.5' shallow - 1' deep - 11.5' shallow - 1' deep - 5' shallow - 1' deep - 10' shallow - 1' deep - 6.5' shallow - 1' deep - 6' No longer sampled	11/2/2000	16.5	6.4		559
	9/13/2001	20.4	6.4		343
	9/24/2002	23.6	6.3		527
	9/15/2003	25.4	6.8		357
	8/23/2004	15.7	7.9		276
	4/1/2010	14.0	7.3		104
	11/3/2011	13.5	9.1	12.2	58
	11/21/2012	9.2	11.0	8.2	27
	11/21/2012	10.3	9.3	8.3	26
	12/16/2013	5.6	8.5	9.7	1
	12/16/2013	5.4	8.7	9.2	34
	12/15/2014	7.5	8.9	16.4	164
	12/15/2014	9.3	8.8	16.9	198
	10/22/2015	18.4	7.9	5.6	0
	10/22/2015	18.0	7.6	6.0	0
	11/21/2016	11.0	8.2	7.0	362
	11/21/2016	11.2	8.2	2.7	398
	10/13/2017	23.0	7.7	16.4	357
	10/13/2017	21.9	7.9	16.7	342
	11/7/2018	17.9	8.7	6.4	87
	11/7/2018	17.8	8.9	6.7	167
	9/18/2019	26.8	8.3		230
	9/18/2019	28.6	7.7		224
	10/22/2020	23.9	8.1	6.3	195
	10/22/2020	23.0	7.5	4.3	149
	10/21/2021	20.0	6.4	0.7	223
	10/21/2021	18.9	6.3	0.7	190
	10/20/2022	14.6	6.4	2.6	178
	10/20/2022	15.2	6.4	1.9	180
	11/30/2023				
SWT-40 East @ 1' ^ East @ 3.25' ^ West @ 0.5' ^	9/13/2001	21.9	7.0		219
	9/13/2001	22.0	7.0		219
	9/13/2001	21.8	7.0		217
SWT-50 East @ 1' ^ East @ 3' ^ West @ 1' ^	9/13/2001	21.0	7.5		217
	9/13/2001	22.1	7.0		216
	9/13/2001	21.6	7.0		216

TABLE 4
FIELD PARAMETER DATA - GROUND WATER AND SURFACE WATER
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL
JAMESTOWN, NORTH CAROLINA

Sample Identification	Date	Temperature (degrees Celsius)	pH (Std. Units)	Dissolved Oxygen (mg/l)	Conductivity (uS/cm)
SWT-70 East West	9/13/2001	22.0	7.1		216
	9/13/2001	20.8	7.2		216
RCP-1	11/2/2000	15.3	6.6		277
RCP-2	11/2/2000	15.4	6.6		248

TABLE 5
MONITORING WELL LATITUDE/LONGITUDE, DEPTHS AND ELEVATIONS *
SEABOARD CHEMICAL/RIVERDALE DRIVE LANDFILL SITE

Facility Name	Seaboard Chemical/Riverdale Drive Landfill							
EPA ID Number	NCD 071 574 164							
Well ID	Type	Well Use	Northing	Easting	Reference	Source of Information	TOC Elevation	Well Depth
MW-1	well	monitoring	801318.45	1729231.88	state plane coord	Jamestown Engineering	790.34 ***	57.7
MW-3C	well	monitoring	801265.20	1731350.08	state plane coord	Jamestown Engineering	692.74	57
MW-6	well	monitoring	799702.65	1731990.93	state plane coord	Jamestown Engineering	761.47	110
MW-10	well	monitoring	800464.20	1732378.92	state plane coord	Jamestown Engineering	695.01	28
MW-12A	well	monitoring	801788.63	1730912.94	state plane coord	Jamestown Engineering	693.07	20
MW-12B	well	monitoring	801780.30	1730911.77	state plane coord	Jamestown Engineering	693.86	58
MW-12D	well	monitoring	801770.20	1730908.12	state plane coord	Jamestown Engineering	694.21	202
MW-15A	well	monitoring	800903.23	1730181.46	state plane coord	Jamestown Engineering	764.33	34
OW-DR2	well	monitoring	801266.66	1731357.68	state plane coord	Jamestown Engineering	695.87	186
OW-DR3	well	monitoring	801185.56	1731735.15	state plane coord	Jamestown Engineering	702.93	160
OW-LFS-2	well	monitoring	800674.15	1732093.91	state plane coord	Jamestown Engineering	699.45	50
PW-3D	well	monitoring	800603.04	1730831.13	state plane coord	Jamestown Engineering	738.60	209.5
PW-4I	well	monitoring	800545.88	1731099.56	state plane coord	Jamestown Engineering	735.00 **	122
PW-5D	well	monitoring	801164.35	1731363.53	state plane coord	Jamestown Engineering	696.27	306.5
PW-6D	well	monitoring	801425.12	1732032.71	state plane coord	Jamestown Engineering	696.79	275
PW-6I	well	monitoring	801415.38	1732022.44	state plane coord	Jamestown Engineering	697.41	75
PW-10D	well	monitoring	800446.73	1732384.15	state plane coord	Jamestown Engineering	697.26	200
PW-10I	well	monitoring	800456.28	1732373.34	state plane coord	Jamestown Engineering	695.97	100
PW-12I	well	monitoring	799844.10	1730816.38	state plane coord	Jamestown Engineering	749.48	105
PW-13I	well	monitoring	801310.27	1730977.69	state plane coord	Jamestown Engineering	739.01	250
PW-14D	well	monitoring	801653.66	1731389.41	state plane coord	Jamestown Engineering	686.50 *	198.8
PW-15D	well	monitoring	801544.36	1731748.91	state plane coord	Jamestown Engineering	685.80	163.5
PW-16D	well	monitoring	801711.36	1732067.64	state plane coord	Jamestown Engineering	686.68	179
W-4A	well	monitoring	800667.98	1730625.66	state plane coord	Jamestown Engineering	712.64	38.5

* Elevation corrected for repairs performed on PW-14D during October 2015 monitoring event.

** Elevation corrected for repairs performed on PW-4I during November 2016 monitoring event.

*** Elevation corrected for repairs performed on MW-1 during November 2023 monitoring event.

APPENDIX A

Laboratory Report

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/13/2023 8:48:38 PM

JOB DESCRIPTION

Seaboard/Riverdale Drive MSWLF

JOB NUMBER

680-243619-1

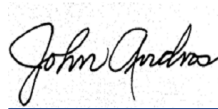
Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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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Authorized for release by
John Andros, Project Manager I
John.Andros@et.eurofinsus.com
(404)944-4744

Sample Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-243619-1	MW-1	Ground Water	11/28/23 10:40	12/01/23 10:22
680-243619-2	MW-3C	Ground Water	11/29/23 09:55	12/01/23 10:22
680-243619-3	MW-6	Ground Water	11/29/23 16:30	12/01/23 10:22
680-243619-4	MW-10	Ground Water	11/29/23 15:30	12/01/23 10:22
680-243619-5	MW-12A	Ground Water	11/28/23 13:05	12/01/23 10:22
680-243619-6	MW-12B	Ground Water	11/28/23 13:20	12/01/23 10:22
680-243619-7	MW-12D	Ground Water	11/28/23 13:40	12/01/23 10:22
680-243619-8	MW-15A	Ground Water	11/28/23 12:00	12/01/23 10:22
680-243619-9	OW-DR2	Ground Water	11/28/23 10:20	12/01/23 10:22
680-243619-10	OW-LFS2	Ground Water	11/28/23 16:05	12/01/23 10:22
680-243619-11	PW-3D	Ground Water	11/27/23 14:15	12/01/23 10:22
680-243619-12	PW-4I	Ground Water	11/28/23 12:30	12/01/23 10:22
680-243619-13	PW-5D	Ground Water	11/29/23 10:55	12/01/23 10:22
680-243619-14	PW-6I	Ground Water	11/29/23 12:30	12/01/23 10:22
680-243619-15	PW-6D	Ground Water	11/29/23 12:00	12/01/23 10:22
680-243619-16	PW-10I	Ground Water	11/29/23 15:15	12/01/23 10:22
680-243619-17	PW-10D	Ground Water	11/29/23 14:55	12/01/23 10:22
680-243619-18	PW-13I	Ground Water	11/27/23 14:55	12/01/23 10:22
680-243619-19	PW-14D	Ground Water	11/27/23 13:10	12/01/23 10:22
680-243619-20	PW-15D	Ground Water	11/28/23 08:55	12/01/23 10:22
680-243619-21	PW-16D	Ground Water	11/28/23 09:25	12/01/23 10:22
680-243619-22	PW-SF1	Ground Water	11/28/23 11:00	12/01/23 10:22
680-243619-23	W-4A	Ground Water	11/28/23 11:35	12/01/23 10:22
680-243619-24	SW-5	Surface Water	11/30/23 08:30	12/01/23 10:22
680-243619-25	SW-3	Surface Water	11/30/23 08:45	12/01/23 10:22
680-243619-26	SW-4	Surface Water	11/30/23 09:00	12/01/23 10:22
680-243619-27	SW6 Surface	Surface Water	11/30/23 12:15	12/01/23 10:22
680-243619-28	SW6 Bottom	Surface Water	11/30/23 12:30	12/01/23 10:22
680-243619-29	SWDRP2 Surface	Surface Water	11/30/23 13:30	12/01/23 10:22
680-243619-30	SWDRP2 Bottom	Surface Water	11/30/23 13:30	12/01/23 10:22
680-243619-31	SW7 Surface	Surface Water	11/30/23 13:50	12/01/23 10:22
680-243619-32	SW7 Bottom	Surface Water	11/30/23 13:50	12/01/23 10:22
680-243619-33	PW-12I	Ground Water	11/30/23 10:40	12/01/23 10:22
680-243619-34	Trip Blank	Water	11/27/23 00:00	12/01/23 10:22

Method Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
J2	Estimated value; value may not be accurate.
Q	Sample held beyond the accepted holding time.
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Job ID: 680-243619-1

Laboratory: Eurofins Savannah

Narrative

Job Narrative 680-243619-1

Receipt

The samples were received on 12/1/2023 10:22 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.9°C and 4.7°C

Receipt Exceptions

Received samples PW-12I and Trip Blank that are not on the COC. They have been added to the end of login.

GC/MS VOA

Method 8260D: The method blank for analytical batch 680-812603 contained Chloroform above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL) OR practical quantitation limit (PQL).

Method 8260D: The method blank for analytical batch 680-812813 contained 1,4-Dichlorobenzene and Chlorobenzene above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL) OR practical quantitation limit (PQL).

Method 8260D: The method blank for analytical batch 680-812813 contained Acetone above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 8260D: Reanalysis of the following sample was performed outside of the analytical holding time due to confirmatory data to match matrix exceedances: PW-3D (680-243619-11).

Method 8260D_SIM_14DX: Surrogate recovery for the following samples were outside control limits: MW-15A (680-243619-8), OW-DR2 (680-243619-9) and PW-SF1 (680-243619-22). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Detection Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-1

Lab Sample ID: 680-243619-1

No Detections.

Client Sample ID: MW-3C

Lab Sample ID: 680-243619-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,4-Dioxane	33		1.0	0.32	ug/L		1		8260D SIM 14D	Total/NA
1,1-Dichloroethane	22		1.0	0.33	ug/L		1		8260D	Total/NA
1,1-Dichloroethene	0.48	J	1.0	0.33	ug/L		1		8260D	Total/NA
1,2-Dichlorobenzene	0.40	J	1.0	0.31	ug/L		1		8260D	Total/NA
1,2-Dichloroethane	0.60	J	1.0	0.25	ug/L		1		8260D	Total/NA
1,4-Dichlorobenzene	0.74	J	1.0	0.31	ug/L		1		8260D	Total/NA
Benzene	0.66	J	1.0	0.27	ug/L		1		8260D	Total/NA
Chlorobenzene	45		1.0	0.15	ug/L		1		8260D	Total/NA
cis-1,2-Dichloroethene	3.5		1.0	0.25	ug/L		1		8260D	Total/NA
Toluene	0.43	J	1.0	0.25	ug/L		1		8260D	Total/NA
trans-1,2-Dichloroethene	0.53	J	1.0	0.34	ug/L		1		8260D	Total/NA
Trichloroethene	0.97	J	1.0	0.20	ug/L		1		8260D	Total/NA
Vinyl chloride	8.3		1.0	0.40	ug/L		1		8260D	Total/NA

Client Sample ID: MW-6

Lab Sample ID: 680-243619-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,4-Dioxane	16		1.0	0.32	ug/L		1		8260D SIM 14D	Total/NA
1,1-Dichloroethane	6.7		1.0	0.33	ug/L		1		8260D	Total/NA
1,4-Dichlorobenzene	0.75	J	1.0	0.31	ug/L		1		8260D	Total/NA
Benzene	0.54	J	1.0	0.27	ug/L		1		8260D	Total/NA
Chlorobenzene	1.8		1.0	0.15	ug/L		1		8260D	Total/NA
cis-1,2-Dichloroethene	6.0		1.0	0.25	ug/L		1		8260D	Total/NA
Trichloroethene	4.3		1.0	0.20	ug/L		1		8260D	Total/NA
Vinyl chloride	2.0		1.0	0.40	ug/L		1		8260D	Total/NA

Client Sample ID: MW-10

Lab Sample ID: 680-243619-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,4-Dioxane	4.8		1.0	0.32	ug/L		1		8260D SIM 14D	Total/NA

Client Sample ID: MW-12A

Lab Sample ID: 680-243619-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,4-Dioxane	150		10	3.2	ug/L		10		8260D SIM 14D	Total/NA
1,4-Dichlorobenzene	1.8		1.0	0.31	ug/L		1		8260D	Total/NA
Chlorobenzene	4.8		1.0	0.15	ug/L		1		8260D	Total/NA

Client Sample ID: MW-12B

Lab Sample ID: 680-243619-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,4-Dioxane	100		10	3.2	ug/L		10		8260D SIM 14D	Total/NA
1,4-Dichlorobenzene	2.3		1.0	0.31	ug/L		1		8260D	Total/NA
Benzene	1.5		1.0	0.27	ug/L		1		8260D	Total/NA
Chlorobenzene	7.0		1.0	0.15	ug/L		1		8260D	Total/NA
cis-1,2-Dichloroethene	1.6		1.0	0.25	ug/L		1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Detection Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-12D

Lab Sample ID: 680-243619-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.0		1.0	0.32	ug/L	1		8260D SIM 14D	Total/NA

Client Sample ID: MW-15A

Lab Sample ID: 680-243619-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	920		25	8.0	ug/L	25		8260D SIM 14D	Total/NA
1,2-Dichlorobenzene	1.2		1.0	0.31	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	1.9		1.0	0.31	ug/L	1		8260D	Total/NA
Chlorobenzene	130		1.0	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: OW-DR2

Lab Sample ID: 680-243619-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	170		10	3.2	ug/L	10		8260D SIM 14D	Total/NA
1,1,1-Trichloroethane	3.2		1.0	0.21	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	130		1.0	0.33	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	89		1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	0.31	J	1.0	0.31	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	7.4		1.0	0.25	ug/L	1		8260D	Total/NA
Benzene	3.0		1.0	0.27	ug/L	1		8260D	Total/NA
Chlorobenzene	150		1.0	0.15	ug/L	1		8260D	Total/NA
Chloroethane	23		5.0	4.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.3		1.0	0.35	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	2.3		1.0	0.34	ug/L	1		8260D	Total/NA
Trichloroethene	1.7		1.0	0.20	ug/L	1		8260D	Total/NA
Vinyl chloride	30		1.0	0.40	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene - DL	220		5.0	1.3	ug/L	5		8260D	Total/NA

Client Sample ID: OW-LFS2

Lab Sample ID: 680-243619-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	220		10	3.2	ug/L	10		8260D SIM 14D	Total/NA
1,1-Dichloroethane	0.40	J	1.0	0.33	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	0.79	J	1.0	0.31	ug/L	1		8260D	Total/NA
Benzene	3.7		1.0	0.27	ug/L	1		8260D	Total/NA
Chlorobenzene	3.0		1.0	0.15	ug/L	1		8260D	Total/NA
Chloroethane	5.2		5.0	4.6	ug/L	1		8260D	Total/NA

Client Sample ID: PW-3D

Lab Sample ID: 680-243619-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	110		10	3.2	ug/L	10		8260D SIM 14D	Total/NA
1,2-Dichlorobenzene	4.6		1.0	0.31	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	16000		100	25	ug/L	100		8260D	Total/NA
1,2-Dichloropropane	0.92	J	1.0	0.22	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	1.5		1.0	0.31	ug/L	1		8260D	Total/NA
2-Butanone	120		10	6.4	ug/L	1		8260D	Total/NA
4-Methyl-2-pentanone	130		10	2.7	ug/L	1		8260D	Total/NA
Acetone	93		20	3.7	ug/L	1		8260D	Total/NA
Carbon disulfide	2.3	J	5.0	0.43	ug/L	1		8260D	Total/NA
Chlorobenzene	22000		100	15	ug/L	100		8260D	Total/NA
Chloroform	2.4		1.0	0.27	ug/L	1		8260D	Total/NA
Ethylbenzene	26		1.0	0.20	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Detection Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-3D (Continued)

Lab Sample ID: 680-243619-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m,p-Xylenes	65		2.0	0.49	ug/L	1		8260D	Total/NA
o-Xylene	27		1.0	0.26	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	2.1		1.0	0.34	ug/L	1		8260D	Total/NA
Trichlorofluoromethane	46		1.0	0.33	ug/L	1		8260D	Total/NA
Vinyl chloride	82		1.0	0.40	ug/L	1		8260D	Total/NA
Xylenes (total)	92		3.0	0.23	ug/L	1		8260D	Total/NA
1,1,1-Trichloroethane - DL	390		50	11	ug/L	50		8260D	Total/NA
1,1-Dichloroethane - DL	410		50	17	ug/L	50		8260D	Total/NA
1,1-Dichloroethene - DL	1100		50	17	ug/L	50		8260D	Total/NA
Benzene - DL	200		50	14	ug/L	50		8260D	Total/NA
cis-1,2-Dichloroethene - DL	370		50	13	ug/L	50		8260D	Total/NA
Methylene Chloride - DL	1000		250	160	ug/L	50		8260D	Total/NA
Tetrachloroethene - DL	1600		50	18	ug/L	50		8260D	Total/NA
Toluene - DL	560		50	13	ug/L	50		8260D	Total/NA
Trichloroethene - DL	2400		50	10	ug/L	50		8260D	Total/NA
Chlorobenzene - RADL	22000	Q	200	30	ug/L	200		8260D	Total/NA

Client Sample ID: PW-4I

Lab Sample ID: 680-243619-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	160		10	3.2	ug/L	10		8260D SIM 14D	Total/NA
1,1,1-Trichloroethane	3.3		1.0	0.21	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	19		1.0	0.33	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	18		1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	0.43	J	1.0	0.31	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	10		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	1.7		1.0	0.27	ug/L	1		8260D	Total/NA
Chlorobenzene	28		1.0	0.15	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	110		1.0	0.25	ug/L	1		8260D	Total/NA
Tetrachloroethene	3.0		1.0	0.35	ug/L	1		8260D	Total/NA
Toluene	0.51	J	1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.34	ug/L	1		8260D	Total/NA
Trichloroethene	18		1.0	0.20	ug/L	1		8260D	Total/NA
Vinyl chloride	24		1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: PW-5D

Lab Sample ID: 680-243619-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	330		10	3.2	ug/L	10		8260D SIM 14D	Total/NA
1,1,1-Trichloroethane	2.5		1.0	0.21	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	180		1.0	0.33	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.74	J	1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	0.34	J	1.0	0.31	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	12		1.0	0.25	ug/L	1		8260D	Total/NA
Benzene	3.7		1.0	0.27	ug/L	1		8260D	Total/NA
Carbon disulfide	0.62	J	5.0	0.43	ug/L	1		8260D	Total/NA
Chlorobenzene	150		1.0	0.15	ug/L	1		8260D	Total/NA
Chloroethane	12		5.0	4.6	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.2		1.0	0.25	ug/L	1		8260D	Total/NA
o-Xylene	0.61	J	1.0	0.26	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.8		1.0	0.35	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Detection Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-5D (Continued)

Lab Sample ID: 680-243619-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.6		1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.2		1.0	0.34	ug/L	1		8260D	Total/NA
Trichloroethene	1.2		1.0	0.20	ug/L	1		8260D	Total/NA
Vinyl chloride	2.6		1.0	0.40	ug/L	1		8260D	Total/NA
Xylenes (total)	0.61	J	3.0	0.23	ug/L	1		8260D	Total/NA

Client Sample ID: PW-6I

Lab Sample ID: 680-243619-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	73		10	3.2	ug/L	10		8260D SIM 14D	Total/NA
1,1-Dichloroethane	10		1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	0.35	J	1.0	0.31	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	1.6		1.0	0.25	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	3.5		1.0	0.31	ug/L	1		8260D	Total/NA
Benzene	0.59	J	1.0	0.27	ug/L	1		8260D	Total/NA
Chlorobenzene	10		1.0	0.15	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.25	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.46	J	1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	1.4		1.0	0.20	ug/L	1		8260D	Total/NA
Vinyl chloride	2.2		1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: PW-6D

Lab Sample ID: 680-243619-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	260		10	3.2	ug/L	10		8260D SIM 14D	Total/NA
1,1,1-Trichloroethane	3.7		1.0	0.21	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	170		1.0	0.33	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	25		1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	7.1		1.0	0.25	ug/L	1		8260D	Total/NA
Benzene	4.4		1.0	0.27	ug/L	1		8260D	Total/NA
Chlorobenzene	110		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	70		1.0	0.25	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.94	J	1.0	0.35	ug/L	1		8260D	Total/NA
Toluene	0.48	J	1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.71	J	1.0	0.34	ug/L	1		8260D	Total/NA
Trichloroethene	1.4		1.0	0.20	ug/L	1		8260D	Total/NA
Vinyl chloride	29		1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: PW-10I

Lab Sample ID: 680-243619-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	130		10	3.2	ug/L	10		8260D SIM 14D	Total/NA
1,1-Dichloroethane	2.3		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.71	J	1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: PW-10D

Lab Sample ID: 680-243619-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	1.5	J	5.0	0.43	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Detection Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-13I

Lab Sample ID: 680-243619-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	46		1.0	0.32	ug/L	1		8260D SIM 14D	Total/NA
1,1-Dichloroethane	76		1.0	0.33	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.85	J	1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	1.2		1.0	0.25	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	0.63	J	1.0	0.31	ug/L	1		8260D	Total/NA
Benzene	2.2		1.0	0.27	ug/L	1		8260D	Total/NA
Chlorobenzene	12		1.0	0.15	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	3.6		1.0	0.25	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.68	J	1.0	0.35	ug/L	1		8260D	Total/NA
Toluene	0.59	J	1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	1.2		1.0	0.20	ug/L	1		8260D	Total/NA
Vinyl chloride	5.1		1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: PW-14D

Lab Sample ID: 680-243619-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	17	J J2	20	3.7	ug/L	1		8260D	Total/NA
Chlorobenzene	0.74	J	1.0	0.15	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.63	J	1.0	0.25	ug/L	1		8260D	Total/NA
Ethylbenzene	0.51	J	1.0	0.20	ug/L	1		8260D	Total/NA
m,p-Xylenes	2.8		2.0	0.49	ug/L	1		8260D	Total/NA
o-Xylene	1.5		1.0	0.26	ug/L	1		8260D	Total/NA
Toluene	2.1		1.0	0.25	ug/L	1		8260D	Total/NA
Vinyl chloride	0.47	J	1.0	0.40	ug/L	1		8260D	Total/NA
Xylenes (total)	4.3		3.0	0.23	ug/L	1		8260D	Total/NA

Client Sample ID: PW-15D

Lab Sample ID: 680-243619-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.47	J	1.0	0.32	ug/L	1		8260D SIM 14D	Total/NA
1,1-Dichloroethane	6.5		1.0	0.33	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	12		1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	0.41	J	1.0	0.25	ug/L	1		8260D	Total/NA
Benzene	0.43	J	1.0	0.27	ug/L	1		8260D	Total/NA
Chlorobenzene	46		1.0	0.15	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	43		1.0	0.25	ug/L	1		8260D	Total/NA
Toluene	0.41	J	1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.66	J	1.0	0.34	ug/L	1		8260D	Total/NA
Trichloroethene	0.41	J	1.0	0.20	ug/L	1		8260D	Total/NA
Vinyl chloride	29		1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: PW-16D

Lab Sample ID: 680-243619-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	10		1.0	0.33	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	2.0		1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	0.59	J	1.0	0.25	ug/L	1		8260D	Total/NA
Benzene	1.0		1.0	0.27	ug/L	1		8260D	Total/NA
Chlorobenzene	86		1.0	0.15	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.55	J	1.0	0.34	ug/L	1		8260D	Total/NA
Vinyl chloride	15		1.0	0.40	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Detection Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-SF1

Lab Sample ID: 680-243619-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5200		200	64	ug/L	200		8260D SIM 14D	Total/NA
1,1,1-Trichloroethane	13000		100	21	ug/L	100		8260D	Total/NA
1,1-Dichloroethane	7100		100	33	ug/L	100		8260D	Total/NA
1,1-Dichloroethene	6700		100	33	ug/L	100		8260D	Total/NA
1,2-Dichlorobenzene	51	J	100	31	ug/L	100		8260D	Total/NA
1,2-Dichloroethane	1100		100	25	ug/L	100		8260D	Total/NA
Acetone	530	J	2000	370	ug/L	100		8260D	Total/NA
Benzene	120		100	27	ug/L	100		8260D	Total/NA
Chlorobenzene	14000		100	15	ug/L	100		8260D	Total/NA
Chloroethane	470	J	500	460	ug/L	100		8260D	Total/NA
Ethylbenzene	170		100	20	ug/L	100		8260D	Total/NA
m,p-Xylenes	370		200	49	ug/L	100		8260D	Total/NA
Methylene Chloride	1700		500	320	ug/L	100		8260D	Total/NA
o-Xylene	200		100	26	ug/L	100		8260D	Total/NA
Tetrachloroethene	960		100	35	ug/L	100		8260D	Total/NA
Toluene	2200		100	25	ug/L	100		8260D	Total/NA
Trichloroethene	1300		100	20	ug/L	100		8260D	Total/NA
Trichlorofluoromethane	62	J	100	33	ug/L	100		8260D	Total/NA
Vinyl chloride	6100		100	40	ug/L	100		8260D	Total/NA
Xylenes (total)	570		300	23	ug/L	100		8260D	Total/NA
cis-1,2-Dichloroethene - DL	17000		200	50	ug/L	200		8260D	Total/NA

Client Sample ID: W-4A

Lab Sample ID: 680-243619-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	11		1.0	0.32	ug/L	1		8260D SIM 14D	Total/NA
1,1,1-Trichloroethane	1.3		1.0	0.21	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	20		1.0	0.33	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	7.2		1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	0.55	J	1.0	0.25	ug/L	1		8260D	Total/NA
Benzene	0.86	J	1.0	0.27	ug/L	1		8260D	Total/NA
Chlorobenzene	1.2		1.0	0.15	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	20		1.0	0.25	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.59	J	1.0	0.35	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.66	J	1.0	0.34	ug/L	1		8260D	Total/NA
Trichloroethene	2.5		1.0	0.20	ug/L	1		8260D	Total/NA
Vinyl chloride	17		1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: SW-5

Lab Sample ID: 680-243619-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	7.6	J	10	3.2	ug/L	10		8260D SIM 14D	Total/NA

Client Sample ID: SW-3

Lab Sample ID: 680-243619-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.5		1.0	0.32	ug/L	1		8260D SIM 14D	Total/NA
cis-1,2-Dichloroethene	0.59	J	1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: SW-4

Lab Sample ID: 680-243619-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	300		10	3.2	ug/L	10		8260D SIM 14D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Detection Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW-4 (Continued)

Lab Sample ID: 680-243619-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	25		1.0	0.21	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	90		1.0	0.33	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	2.9		1.0	0.31	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	27		1.0	0.25	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	0.69	J	1.0	0.31	ug/L	1		8260D	Total/NA
Acetone	14	J J2	20	3.7	ug/L	1		8260D	Total/NA
Benzene	8.8		1.0	0.27	ug/L	1		8260D	Total/NA
Chloroethane	73		5.0	4.6	ug/L	1		8260D	Total/NA
Chloroform	0.60	J	1.0	0.27	ug/L	1		8260D	Total/NA
Ethylbenzene	0.85	J	1.0	0.20	ug/L	1		8260D	Total/NA
m,p-Xylenes	0.99	J	2.0	0.49	ug/L	1		8260D	Total/NA
o-Xylene	7.1		1.0	0.26	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.3		1.0	0.35	ug/L	1		8260D	Total/NA
Toluene	3.2		1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	2.0		1.0	0.34	ug/L	1		8260D	Total/NA
Trichloroethene	2.3		1.0	0.20	ug/L	1		8260D	Total/NA
Xylenes (total)	8.1		3.0	0.23	ug/L	1		8260D	Total/NA
1,1-Dichloroethane - DL	250		10	3.3	ug/L	10		8260D	Total/NA
Chlorobenzene - DL	400		10	1.5	ug/L	10		8260D	Total/NA
cis-1,2-Dichloroethene - DL	330		10	2.5	ug/L	10		8260D	Total/NA
Vinyl chloride - DL	270		10	4.0	ug/L	10		8260D	Total/NA

Client Sample ID: SW6 Surface

Lab Sample ID: 680-243619-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.1		1.0	0.32	ug/L	1		8260D SIM 14D	Total/NA

Client Sample ID: SW6 Bottom

Lab Sample ID: 680-243619-28

No Detections.

Client Sample ID: SWDRP2 Surface

Lab Sample ID: 680-243619-29

No Detections.

Client Sample ID: SWDRP2 Bottom

Lab Sample ID: 680-243619-30

No Detections.

Client Sample ID: SW7 Surface

Lab Sample ID: 680-243619-31

No Detections.

Client Sample ID: SW7 Bottom

Lab Sample ID: 680-243619-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.2		1.0	0.35	ug/L	1		8260D	Total/NA

Client Sample ID: PW-12I

Lab Sample ID: 680-243619-33

No Detections.

Client Sample ID: Trip Blank

Lab Sample ID: 680-243619-34

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-1

Lab Sample ID: 680-243619-1

Date Collected: 11/28/23 10:40

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	1.0	0.32	ug/L			12/07/23 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130					12/07/23 23:18	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			12/06/23 12:25	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 12:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 12:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 12:25	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/06/23 12:25	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/06/23 12:25	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 12:25	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 12:25	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 12:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 12:25	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/06/23 12:25	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 12:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 12:25	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 12:25	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 12:25	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 12:25	1
Acetone	20	U	20	3.7	ug/L			12/06/23 12:25	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 12:25	1
Benzene	1.0	U	1.0	0.27	ug/L			12/06/23 12:25	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 12:25	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 12:25	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 12:25	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 12:25	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 12:25	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 12:25	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/06/23 12:25	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 12:25	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 12:25	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 12:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/06/23 12:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 12:25	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 12:25	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 12:25	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 12:25	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 12:25	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 12:25	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 12:25	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 12:25	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 12:25	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 12:25	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 12:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 12:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 12:25	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-1

Lab Sample ID: 680-243619-1

Date Collected: 11/28/23 10:40

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/06/23 12:25	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/06/23 12:25	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 12:25	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 12:25	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/06/23 12:25	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 12:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	68		60 - 124		12/06/23 12:25	1
4-Bromofluorobenzene (Surr)	104		70 - 130		12/06/23 12:25	1
Dibromofluoromethane (Surr)	78		70 - 130		12/06/23 12:25	1
Toluene-d8 (Surr)	96		70 - 130		12/06/23 12:25	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-3C

Lab Sample ID: 680-243619-2

Date Collected: 11/29/23 09:55

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	33		1.0	0.32	ug/L			12/05/23 21:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130					12/05/23 21:48	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			12/06/23 13:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 13:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 13:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 13:04	1
1,1-Dichloroethane	22		1.0	0.33	ug/L			12/06/23 13:04	1
1,1-Dichloroethene	0.48	J	1.0	0.33	ug/L			12/06/23 13:04	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 13:04	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 13:04	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 13:04	1
1,2-Dichlorobenzene	0.40	J	1.0	0.31	ug/L			12/06/23 13:04	1
1,2-Dichloroethane	0.60	J	1.0	0.25	ug/L			12/06/23 13:04	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 13:04	1
1,4-Dichlorobenzene	0.74	J	1.0	0.31	ug/L			12/06/23 13:04	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 13:04	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 13:04	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 13:04	1
Acetone	20	U	20	3.7	ug/L			12/06/23 13:04	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 13:04	1
Benzene	0.66	J	1.0	0.27	ug/L			12/06/23 13:04	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 13:04	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 13:04	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 13:04	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 13:04	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 13:04	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 13:04	1
Chlorobenzene	45		1.0	0.15	ug/L			12/06/23 13:04	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 13:04	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 13:04	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 13:04	1
cis-1,2-Dichloroethene	3.5		1.0	0.25	ug/L			12/06/23 13:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 13:04	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 13:04	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 13:04	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 13:04	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 13:04	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 13:04	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 13:04	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 13:04	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 13:04	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 13:04	1
Toluene	0.43	J	1.0	0.25	ug/L			12/06/23 13:04	1
trans-1,2-Dichloroethene	0.53	J	1.0	0.34	ug/L			12/06/23 13:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 13:04	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-3C

Date Collected: 11/29/23 09:55

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-2

Matrix: Ground Water

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			12/06/23 13:04	1
Trichloroethene	0.97	J	1.0	0.20	ug/L			12/06/23 13:04	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 13:04	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 13:04	1
Vinyl chloride	8.3		1.0	0.40	ug/L			12/06/23 13:04	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		60 - 124		12/06/23 13:04	1
4-Bromofluorobenzene (Surr)	104		70 - 130		12/06/23 13:04	1
Dibromofluoromethane (Surr)	85		70 - 130		12/06/23 13:04	1
Toluene-d8 (Surr)	100		70 - 130		12/06/23 13:04	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-6

Lab Sample ID: 680-243619-3

Date Collected: 11/29/23 16:30

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	16		1.0	0.32	ug/L			12/05/23 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130					12/05/23 22:14	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			12/06/23 13:23	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 13:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 13:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 13:23	1
1,1-Dichloroethane	6.7		1.0	0.33	ug/L			12/06/23 13:23	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/06/23 13:23	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 13:23	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 13:23	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 13:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 13:23	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/06/23 13:23	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 13:23	1
1,4-Dichlorobenzene	0.75	J	1.0	0.31	ug/L			12/06/23 13:23	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 13:23	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 13:23	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 13:23	1
Acetone	20	U	20	3.7	ug/L			12/06/23 13:23	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 13:23	1
Benzene	0.54	J	1.0	0.27	ug/L			12/06/23 13:23	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 13:23	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 13:23	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 13:23	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 13:23	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 13:23	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 13:23	1
Chlorobenzene	1.8		1.0	0.15	ug/L			12/06/23 13:23	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 13:23	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 13:23	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 13:23	1
cis-1,2-Dichloroethene	6.0		1.0	0.25	ug/L			12/06/23 13:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 13:23	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 13:23	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 13:23	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 13:23	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 13:23	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 13:23	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 13:23	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 13:23	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 13:23	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 13:23	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 13:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 13:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 13:23	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-6

Date Collected: 11/29/23 16:30

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-3

Matrix: Ground Water

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			12/06/23 13:23	1
Trichloroethene	4.3		1.0	0.20	ug/L			12/06/23 13:23	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 13:23	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 13:23	1
Vinyl chloride	2.0		1.0	0.40	ug/L			12/06/23 13:23	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	71		60 - 124		12/06/23 13:23	1
4-Bromofluorobenzene (Surr)	112		70 - 130		12/06/23 13:23	1
Dibromofluoromethane (Surr)	82		70 - 130		12/06/23 13:23	1
Toluene-d8 (Surr)	102		70 - 130		12/06/23 13:23	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-10

Date Collected: 11/29/23 15:30

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-4

Matrix: Ground 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	4.8		1.0	0.32	ug/L			12/05/23 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130					12/05/23 22:41	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			12/06/23 13:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 13:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 13:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 13:42	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/06/23 13:42	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/06/23 13:42	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 13:42	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 13:42	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 13:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 13:42	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/06/23 13:42	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 13:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 13:42	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 13:42	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 13:42	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 13:42	1
Acetone	20	U	20	3.7	ug/L			12/06/23 13:42	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 13:42	1
Benzene	1.0	U	1.0	0.27	ug/L			12/06/23 13:42	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 13:42	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 13:42	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 13:42	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 13:42	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 13:42	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 13:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/06/23 13:42	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 13:42	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 13:42	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 13:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/06/23 13:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 13:42	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 13:42	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 13:42	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 13:42	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 13:42	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 13:42	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 13:42	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 13:42	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 13:42	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 13:42	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 13:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 13:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 13:42	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-10

Date Collected: 11/29/23 15:30

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-4

Matrix: Ground Water

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			12/06/23 13:42	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/06/23 13:42	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 13:42	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 13:42	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/06/23 13:42	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	73		60 - 124		12/06/23 13:42	1
4-Bromofluorobenzene (Surr)	104		70 - 130		12/06/23 13:42	1
Dibromofluoromethane (Surr)	85		70 - 130		12/06/23 13:42	1
Toluene-d8 (Surr)	100		70 - 130		12/06/23 13:42	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-12A

Lab Sample ID: 680-243619-5

Date Collected: 11/28/23 13:05

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	150		10	3.2	ug/L			12/06/23 21:56	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130					12/06/23 21:56	10

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			12/06/23 14:02	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 14:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 14:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 14:02	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:02	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/06/23 14:02	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 14:02	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 14:02	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 14:02	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:02	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 14:02	1
1,4-Dichlorobenzene	1.8		1.0	0.31	ug/L			12/06/23 14:02	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 14:02	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 14:02	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 14:02	1
Acetone	20	U	20	3.7	ug/L			12/06/23 14:02	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 14:02	1
Benzene	1.0	U	1.0	0.27	ug/L			12/06/23 14:02	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:02	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:02	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 14:02	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 14:02	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 14:02	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 14:02	1
Chlorobenzene	4.8		1.0	0.15	ug/L			12/06/23 14:02	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 14:02	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 14:02	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 14:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/06/23 14:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 14:02	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 14:02	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:02	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 14:02	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 14:02	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 14:02	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 14:02	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 14:02	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 14:02	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 14:02	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 14:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 14:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 14:02	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-12A

Lab Sample ID: 680-243619-5

Date Collected: 11/28/23 13:05

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/06/23 14:02	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/06/23 14:02	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:02	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 14:02	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/06/23 14:02	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		60 - 124		12/06/23 14:02	1
4-Bromofluorobenzene (Surr)	102		70 - 130		12/06/23 14:02	1
Dibromofluoromethane (Surr)	86		70 - 130		12/06/23 14:02	1
Toluene-d8 (Surr)	101		70 - 130		12/06/23 14:02	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-12B

Lab Sample ID: 680-243619-6

Date Collected: 11/28/23 13:20

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	100		10	3.2	ug/L			12/06/23 22:23	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130					12/06/23 22:23	10

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			12/06/23 14:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 14:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 14:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 14:21	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:21	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/06/23 14:21	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 14:21	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 14:21	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 14:21	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:21	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 14:21	1
1,4-Dichlorobenzene	2.3		1.0	0.31	ug/L			12/06/23 14:21	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 14:21	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 14:21	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 14:21	1
Acetone	20	U	20	3.7	ug/L			12/06/23 14:21	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 14:21	1
Benzene	1.5		1.0	0.27	ug/L			12/06/23 14:21	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:21	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:21	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 14:21	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 14:21	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 14:21	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 14:21	1
Chlorobenzene	7.0		1.0	0.15	ug/L			12/06/23 14:21	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 14:21	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 14:21	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 14:21	1
cis-1,2-Dichloroethene	1.6		1.0	0.25	ug/L			12/06/23 14:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 14:21	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 14:21	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:21	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 14:21	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 14:21	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 14:21	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 14:21	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 14:21	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 14:21	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 14:21	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 14:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 14:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 14:21	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-12B

Lab Sample ID: 680-243619-6

Date Collected: 11/28/23 13:20

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/06/23 14:21	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/06/23 14:21	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:21	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 14:21	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/06/23 14:21	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	72		60 - 124		12/06/23 14:21	1
4-Bromofluorobenzene (Surr)	104		70 - 130		12/06/23 14:21	1
Dibromofluoromethane (Surr)	83		70 - 130		12/06/23 14:21	1
Toluene-d8 (Surr)	97		70 - 130		12/06/23 14:21	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-12D

Lab Sample ID: 680-243619-7

Date Collected: 11/28/23 13:40

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0		1.0	0.32	ug/L			12/06/23 00:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130					12/06/23 00:01	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			12/06/23 14:40	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 14:40	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 14:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 14:40	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:40	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/06/23 14:40	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 14:40	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 14:40	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 14:40	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:40	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 14:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 14:40	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 14:40	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 14:40	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 14:40	1
Acetone	20	U	20	3.7	ug/L			12/06/23 14:40	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 14:40	1
Benzene	1.0	U	1.0	0.27	ug/L			12/06/23 14:40	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:40	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:40	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 14:40	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 14:40	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 14:40	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 14:40	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/06/23 14:40	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 14:40	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 14:40	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 14:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/06/23 14:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 14:40	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 14:40	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:40	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 14:40	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 14:40	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 14:40	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 14:40	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 14:40	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 14:40	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 14:40	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 14:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 14:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 14:40	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-12D

Lab Sample ID: 680-243619-7

Date Collected: 11/28/23 13:40

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/06/23 14:40	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/06/23 14:40	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:40	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 14:40	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/06/23 14:40	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		60 - 124		12/06/23 14:40	1
4-Bromofluorobenzene (Surr)	100		70 - 130		12/06/23 14:40	1
Dibromofluoromethane (Surr)	84		70 - 130		12/06/23 14:40	1
Toluene-d8 (Surr)	100		70 - 130		12/06/23 14:40	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-15A

Lab Sample ID: 680-243619-8

Date Collected: 11/28/23 12:00

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	920		25	8.0	ug/L			12/08/23 20:12	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	J1	70 - 130					12/08/23 20:12	25

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			12/06/23 14:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 14:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 14:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 14:59	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:59	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/06/23 14:59	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 14:59	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 14:59	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:59	1
1,2-Dichlorobenzene	1.2		1.0	0.31	ug/L			12/06/23 14:59	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:59	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 14:59	1
1,4-Dichlorobenzene	1.9		1.0	0.31	ug/L			12/06/23 14:59	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 14:59	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 14:59	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 14:59	1
Acetone	20	U	20	3.7	ug/L			12/06/23 14:59	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 14:59	1
Benzene	1.0	U	1.0	0.27	ug/L			12/06/23 14:59	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:59	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:59	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 14:59	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 14:59	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 14:59	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 14:59	1
Chlorobenzene	130		1.0	0.15	ug/L			12/06/23 14:59	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 14:59	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 14:59	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 14:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/06/23 14:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 14:59	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 14:59	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:59	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 14:59	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 14:59	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 14:59	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 14:59	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 14:59	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 14:59	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 14:59	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 14:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 14:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 14:59	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-15A

Lab Sample ID: 680-243619-8

Date Collected: 11/28/23 12:00

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/06/23 14:59	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/06/23 14:59	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:59	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 14:59	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/06/23 14:59	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		60 - 124		12/06/23 14:59	1
4-Bromofluorobenzene (Surr)	107		70 - 130		12/06/23 14:59	1
Dibromofluoromethane (Surr)	80		70 - 130		12/06/23 14:59	1
Toluene-d8 (Surr)	97		70 - 130		12/06/23 14:59	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: OW-DR2

Lab Sample ID: 680-243619-9

Date Collected: 11/28/23 10:20

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	170		10	3.2	ug/L			12/08/23 20:40	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	59	J1	70 - 130					12/08/23 20:40	10

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			12/06/23 15:19	1
1,1,1-Trichloroethane	3.2		1.0	0.21	ug/L			12/06/23 15:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 15:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 15:19	1
1,1-Dichloroethane	130		1.0	0.33	ug/L			12/06/23 15:19	1
1,1-Dichloroethene	89		1.0	0.33	ug/L			12/06/23 15:19	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 15:19	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 15:19	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 15:19	1
1,2-Dichlorobenzene	0.31	J	1.0	0.31	ug/L			12/06/23 15:19	1
1,2-Dichloroethane	7.4		1.0	0.25	ug/L			12/06/23 15:19	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 15:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 15:19	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 15:19	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 15:19	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 15:19	1
Acetone	20	U	20	3.7	ug/L			12/06/23 15:19	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 15:19	1
Benzene	3.0		1.0	0.27	ug/L			12/06/23 15:19	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 15:19	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 15:19	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 15:19	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 15:19	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 15:19	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 15:19	1
Chlorobenzene	150		1.0	0.15	ug/L			12/06/23 15:19	1
Chloroethane	23		5.0	4.6	ug/L			12/06/23 15:19	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 15:19	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 15:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 15:19	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 15:19	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 15:19	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 15:19	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 15:19	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 15:19	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 15:19	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 15:19	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 15:19	1
Tetrachloroethene	1.3		1.0	0.35	ug/L			12/06/23 15:19	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 15:19	1
trans-1,2-Dichloroethene	2.3		1.0	0.34	ug/L			12/06/23 15:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 15:19	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			12/06/23 15:19	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: OW-DR2

Lab Sample ID: 680-243619-9

Date Collected: 11/28/23 10:20

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.7		1.0	0.20	ug/L			12/06/23 15:19	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 15:19	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 15:19	1
Vinyl chloride	30		1.0	0.40	ug/L			12/06/23 15:19	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		60 - 124		12/06/23 15:19	1
4-Bromofluorobenzene (Surr)	104		70 - 130		12/06/23 15:19	1
Dibromofluoromethane (Surr)	86		70 - 130		12/06/23 15:19	1
Toluene-d8 (Surr)	100		70 - 130		12/06/23 15:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	220		5.0	1.3	ug/L			12/07/23 19:10	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		60 - 124		12/07/23 19:10	5
4-Bromofluorobenzene (Surr)	108		70 - 130		12/07/23 19:10	5
Dibromofluoromethane (Surr)	85		70 - 130		12/07/23 19:10	5
Toluene-d8 (Surr)	100		70 - 130		12/07/23 19:10	5

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: OW-LFS2

Lab Sample ID: 680-243619-10

Date Collected: 11/28/23 16:05

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	220		10	3.2	ug/L			12/08/23 21:06	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130					12/08/23 21:06	10

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			12/07/23 13:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 13:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 13:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 13:04	1
1,1-Dichloroethane	0.40	J	1.0	0.33	ug/L			12/07/23 13:04	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 13:04	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 13:04	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 13:04	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 13:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 13:04	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 13:04	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 13:04	1
1,4-Dichlorobenzene	0.79	J	1.0	0.31	ug/L			12/07/23 13:04	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 13:04	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 13:04	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 13:04	1
Acetone	20	U	20	3.7	ug/L			12/07/23 13:04	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 13:04	1
Benzene	3.7		1.0	0.27	ug/L			12/07/23 13:04	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 13:04	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 13:04	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 13:04	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 13:04	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 13:04	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 13:04	1
Chlorobenzene	3.0		1.0	0.15	ug/L			12/07/23 13:04	1
Chloroethane	5.2		5.0	4.6	ug/L			12/07/23 13:04	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 13:04	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 13:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/07/23 13:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 13:04	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 13:04	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 13:04	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 13:04	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 13:04	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 13:04	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 13:04	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 13:04	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 13:04	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 13:04	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 13:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 13:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 13:04	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: OW-LFS2

Lab Sample ID: 680-243619-10

Date Collected: 11/28/23 16:05

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/07/23 13:04	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 13:04	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 13:04	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 13:04	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 13:04	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	74		60 - 124		12/07/23 13:04	1
4-Bromofluorobenzene (Surr)	109		70 - 130		12/07/23 13:04	1
Dibromofluoromethane (Surr)	80		70 - 130		12/07/23 13:04	1
Toluene-d8 (Surr)	100		70 - 130		12/07/23 13:04	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-3D

Lab Sample ID: 680-243619-11

Date Collected: 11/27/23 14:15

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	110		10	3.2	ug/L			12/07/23 00:09	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130					12/07/23 00:09	10

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			12/06/23 15:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 15:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 15:57	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 15:57	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 15:57	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 15:57	1
1,2-Dichlorobenzene	4.6		1.0	0.31	ug/L			12/06/23 15:57	1
1,2-Dichloroethane	16000		100	25	ug/L			12/11/23 17:13	100
1,2-Dichloropropane	0.92	J	1.0	0.22	ug/L			12/06/23 15:57	1
1,4-Dichlorobenzene	1.5		1.0	0.31	ug/L			12/06/23 15:57	1
2-Butanone	120		10	6.4	ug/L			12/06/23 15:57	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 15:57	1
4-Methyl-2-pentanone	130		10	2.7	ug/L			12/06/23 15:57	1
Acetone	93		20	3.7	ug/L			12/06/23 15:57	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 15:57	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 15:57	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 15:57	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 15:57	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 15:57	1
Carbon disulfide	2.3	J	5.0	0.43	ug/L			12/06/23 15:57	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 15:57	1
Chlorobenzene	22000		100	15	ug/L			12/11/23 17:13	100
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 15:57	1
Chloroform	2.4		1.0	0.27	ug/L			12/06/23 15:57	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 15:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 15:57	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 15:57	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 15:57	1
Ethylbenzene	26		1.0	0.20	ug/L			12/06/23 15:57	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 15:57	1
m,p-Xylenes	65		2.0	0.49	ug/L			12/06/23 15:57	1
o-Xylene	27		1.0	0.26	ug/L			12/06/23 15:57	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 15:57	1
trans-1,2-Dichloroethene	2.1		1.0	0.34	ug/L			12/06/23 15:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 15:57	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			12/06/23 15:57	1
Trichlorofluoromethane	46		1.0	0.33	ug/L			12/06/23 15:57	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 15:57	1
Vinyl chloride	82		1.0	0.40	ug/L			12/06/23 15:57	1
Xylenes (total)	92		3.0	0.23	ug/L			12/06/23 15:57	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	868	J1	60 - 124					12/06/23 15:57	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-3D

Lab Sample ID: 680-243619-11

Date Collected: 11/27/23 14:15

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		60 - 124		12/11/23 17:13	100
4-Bromofluorobenzene (Surr)	95		70 - 130		12/06/23 15:57	1
4-Bromofluorobenzene (Surr)	82		70 - 130		12/11/23 17:13	100
Dibromofluoromethane (Surr)	70		70 - 130		12/06/23 15:57	1
Dibromofluoromethane (Surr)	116		70 - 130		12/11/23 17:13	100
Toluene-d8 (Surr)	88		70 - 130		12/06/23 15:57	1
Toluene-d8 (Surr)	97		70 - 130		12/11/23 17:13	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	390		50	11	ug/L			12/07/23 18:31	50
1,1-Dichloroethane	410		50	17	ug/L			12/07/23 18:31	50
1,1-Dichloroethene	1100		50	17	ug/L			12/07/23 18:31	50
Benzene	200		50	14	ug/L			12/07/23 18:31	50
cis-1,2-Dichloroethene	370		50	13	ug/L			12/07/23 18:31	50
Methylene Chloride	1000		250	160	ug/L			12/07/23 18:31	50
Tetrachloroethene	1600		50	18	ug/L			12/07/23 18:31	50
Toluene	560		50	13	ug/L			12/07/23 18:31	50
Trichloroethene	2400		50	10	ug/L			12/07/23 18:31	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		60 - 124		12/07/23 18:31	50
4-Bromofluorobenzene (Surr)	112		70 - 130		12/07/23 18:31	50
Dibromofluoromethane (Surr)	86		70 - 130		12/07/23 18:31	50
Toluene-d8 (Surr)	97		70 - 130		12/07/23 18:31	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	22000	Q	200	30	ug/L			12/12/23 21:52	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		60 - 124		12/12/23 21:52	200
4-Bromofluorobenzene (Surr)	76		70 - 130		12/12/23 21:52	200
Dibromofluoromethane (Surr)	117		70 - 130		12/12/23 21:52	200
Toluene-d8 (Surr)	96		70 - 130		12/12/23 21:52	200

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-4I

Lab Sample ID: 680-243619-12

Date Collected: 11/28/23 12:30

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	160		10	3.2	ug/L			12/07/23 00:35	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130					12/07/23 00:35	10

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			12/07/23 13:23	1
1,1,1-Trichloroethane	3.3		1.0	0.21	ug/L			12/07/23 13:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 13:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 13:23	1
1,1-Dichloroethane	19		1.0	0.33	ug/L			12/07/23 13:23	1
1,1-Dichloroethene	18		1.0	0.33	ug/L			12/07/23 13:23	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 13:23	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 13:23	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 13:23	1
1,2-Dichlorobenzene	0.43	J	1.0	0.31	ug/L			12/07/23 13:23	1
1,2-Dichloroethane	10		1.0	0.25	ug/L			12/07/23 13:23	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 13:23	1
1,4-Dichlorobenzene	3.0		1.0	0.31	ug/L			12/07/23 13:23	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 13:23	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 13:23	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 13:23	1
Acetone	20	U	20	3.7	ug/L			12/07/23 13:23	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 13:23	1
Benzene	1.7		1.0	0.27	ug/L			12/07/23 13:23	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 13:23	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 13:23	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 13:23	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 13:23	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 13:23	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 13:23	1
Chlorobenzene	28		1.0	0.15	ug/L			12/07/23 13:23	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 13:23	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 13:23	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 13:23	1
cis-1,2-Dichloroethene	110		1.0	0.25	ug/L			12/07/23 13:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 13:23	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 13:23	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 13:23	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 13:23	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 13:23	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 13:23	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 13:23	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 13:23	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 13:23	1
Tetrachloroethene	3.0		1.0	0.35	ug/L			12/07/23 13:23	1
Toluene	0.51	J	1.0	0.25	ug/L			12/07/23 13:23	1
trans-1,2-Dichloroethene	1.1		1.0	0.34	ug/L			12/07/23 13:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 13:23	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-4I

Lab Sample ID: 680-243619-12

Date Collected: 11/28/23 12:30

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/07/23 13:23	1
Trichloroethene	18		1.0	0.20	ug/L			12/07/23 13:23	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 13:23	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 13:23	1
Vinyl chloride	24		1.0	0.40	ug/L			12/07/23 13:23	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		60 - 124		12/07/23 13:23	1
4-Bromofluorobenzene (Surr)	108		70 - 130		12/07/23 13:23	1
Dibromofluoromethane (Surr)	83		70 - 130		12/07/23 13:23	1
Toluene-d8 (Surr)	98		70 - 130		12/07/23 13:23	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-5D

Lab Sample ID: 680-243619-13

Date Collected: 11/29/23 10:55

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	330		10	3.2	ug/L			12/07/23 01:01	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130					12/07/23 01:01	10

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			12/07/23 13:43	1
1,1,1-Trichloroethane	2.5		1.0	0.21	ug/L			12/07/23 13:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 13:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 13:43	1
1,1-Dichloroethane	180		1.0	0.33	ug/L			12/07/23 13:43	1
1,1-Dichloroethene	0.74	J	1.0	0.33	ug/L			12/07/23 13:43	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 13:43	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 13:43	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 13:43	1
1,2-Dichlorobenzene	0.34	J	1.0	0.31	ug/L			12/07/23 13:43	1
1,2-Dichloroethane	12		1.0	0.25	ug/L			12/07/23 13:43	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 13:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 13:43	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 13:43	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 13:43	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 13:43	1
Acetone	20	U	20	3.7	ug/L			12/07/23 13:43	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 13:43	1
Benzene	3.7		1.0	0.27	ug/L			12/07/23 13:43	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 13:43	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 13:43	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 13:43	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 13:43	1
Carbon disulfide	0.62	J	5.0	0.43	ug/L			12/07/23 13:43	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 13:43	1
Chlorobenzene	150		1.0	0.15	ug/L			12/07/23 13:43	1
Chloroethane	12		5.0	4.6	ug/L			12/07/23 13:43	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 13:43	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 13:43	1
cis-1,2-Dichloroethene	2.2		1.0	0.25	ug/L			12/07/23 13:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 13:43	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 13:43	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 13:43	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 13:43	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 13:43	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 13:43	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 13:43	1
o-Xylene	0.61	J	1.0	0.26	ug/L			12/07/23 13:43	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 13:43	1
Tetrachloroethene	1.8		1.0	0.35	ug/L			12/07/23 13:43	1
Toluene	1.6		1.0	0.25	ug/L			12/07/23 13:43	1
trans-1,2-Dichloroethene	1.2		1.0	0.34	ug/L			12/07/23 13:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 13:43	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-5D

Lab Sample ID: 680-243619-13

Date Collected: 11/29/23 10:55

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/07/23 13:43	1
Trichloroethene	1.2		1.0	0.20	ug/L			12/07/23 13:43	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 13:43	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 13:43	1
Vinyl chloride	2.6		1.0	0.40	ug/L			12/07/23 13:43	1
Xylenes (total)	0.61	J	3.0	0.23	ug/L			12/07/23 13:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	75		60 - 124		12/07/23 13:43	1
4-Bromofluorobenzene (Surr)	106		70 - 130		12/07/23 13:43	1
Dibromofluoromethane (Surr)	81		70 - 130		12/07/23 13:43	1
Toluene-d8 (Surr)	100		70 - 130		12/07/23 13:43	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-6I

Lab Sample ID: 680-243619-14

Date Collected: 11/29/23 12:30

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	73		10	3.2	ug/L			12/07/23 01:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130					12/07/23 01:28	10

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			12/07/23 14:02	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 14:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 14:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 14:02	1
1,1-Dichloroethane	10		1.0	0.33	ug/L			12/07/23 14:02	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 14:02	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 14:02	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 14:02	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 14:02	1
1,2-Dichlorobenzene	0.35	J	1.0	0.31	ug/L			12/07/23 14:02	1
1,2-Dichloroethane	1.6		1.0	0.25	ug/L			12/07/23 14:02	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 14:02	1
1,4-Dichlorobenzene	3.5		1.0	0.31	ug/L			12/07/23 14:02	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 14:02	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 14:02	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 14:02	1
Acetone	20	U	20	3.7	ug/L			12/07/23 14:02	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 14:02	1
Benzene	0.59	J	1.0	0.27	ug/L			12/07/23 14:02	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 14:02	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 14:02	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 14:02	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 14:02	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 14:02	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 14:02	1
Chlorobenzene	10		1.0	0.15	ug/L			12/07/23 14:02	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 14:02	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 14:02	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 14:02	1
cis-1,2-Dichloroethene	16		1.0	0.25	ug/L			12/07/23 14:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 14:02	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 14:02	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 14:02	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 14:02	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 14:02	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 14:02	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 14:02	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 14:02	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 14:02	1
Tetrachloroethene	0.46	J	1.0	0.35	ug/L			12/07/23 14:02	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 14:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 14:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 14:02	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-6I

Lab Sample ID: 680-243619-14

Date Collected: 11/29/23 12:30

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/07/23 14:02	1
Trichloroethene	1.4		1.0	0.20	ug/L			12/07/23 14:02	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 14:02	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 14:02	1
Vinyl chloride	2.2		1.0	0.40	ug/L			12/07/23 14:02	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	75		60 - 124		12/07/23 14:02	1
4-Bromofluorobenzene (Surr)	107		70 - 130		12/07/23 14:02	1
Dibromofluoromethane (Surr)	83		70 - 130		12/07/23 14:02	1
Toluene-d8 (Surr)	96		70 - 130		12/07/23 14:02	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-6D

Lab Sample ID: 680-243619-15

Date Collected: 11/29/23 12:00

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	260		10	3.2	ug/L			12/08/23 21:34	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130					12/08/23 21:34	10

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			12/06/23 17:14	1
1,1,1-Trichloroethane	3.7		1.0	0.21	ug/L			12/06/23 17:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 17:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 17:14	1
1,1-Dichloroethane	170		1.0	0.33	ug/L			12/06/23 17:14	1
1,1-Dichloroethene	25		1.0	0.33	ug/L			12/06/23 17:14	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 17:14	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 17:14	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 17:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 17:14	1
1,2-Dichloroethane	7.1		1.0	0.25	ug/L			12/06/23 17:14	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 17:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 17:14	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 17:14	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 17:14	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 17:14	1
Acetone	20	U	20	3.7	ug/L			12/06/23 17:14	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 17:14	1
Benzene	4.4		1.0	0.27	ug/L			12/06/23 17:14	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 17:14	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 17:14	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 17:14	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 17:14	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 17:14	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 17:14	1
Chlorobenzene	110		1.0	0.15	ug/L			12/06/23 17:14	1
Chloroethane	6.9		5.0	4.6	ug/L			12/06/23 17:14	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 17:14	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 17:14	1
cis-1,2-Dichloroethene	70		1.0	0.25	ug/L			12/06/23 17:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 17:14	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 17:14	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 17:14	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 17:14	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 17:14	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 17:14	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 17:14	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 17:14	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 17:14	1
Tetrachloroethene	0.94	J	1.0	0.35	ug/L			12/06/23 17:14	1
Toluene	0.48	J	1.0	0.25	ug/L			12/06/23 17:14	1
trans-1,2-Dichloroethene	0.71	J	1.0	0.34	ug/L			12/06/23 17:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 17:14	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-6D

Lab Sample ID: 680-243619-15

Date Collected: 11/29/23 12:00

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/06/23 17:14	1
Trichloroethene	1.4		1.0	0.20	ug/L			12/06/23 17:14	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 17:14	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 17:14	1
Vinyl chloride	29		1.0	0.40	ug/L			12/06/23 17:14	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		60 - 124		12/06/23 17:14	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/06/23 17:14	1
Dibromofluoromethane (Surr)	89		70 - 130		12/06/23 17:14	1
Toluene-d8 (Surr)	99		70 - 130		12/06/23 17:14	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-101

Lab Sample ID: 680-243619-16

Date Collected: 11/29/23 15:15

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	130		10	3.2	ug/L			12/07/23 02:22	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130					12/07/23 02:22	10

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			12/07/23 14:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 14:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 14:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 14:21	1
1,1-Dichloroethane	2.3		1.0	0.33	ug/L			12/07/23 14:21	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 14:21	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 14:21	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 14:21	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 14:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 14:21	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 14:21	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 14:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 14:21	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 14:21	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 14:21	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 14:21	1
Acetone	20	U	20	3.7	ug/L			12/07/23 14:21	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 14:21	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 14:21	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 14:21	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 14:21	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 14:21	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 14:21	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 14:21	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 14:21	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 14:21	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 14:21	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 14:21	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 14:21	1
cis-1,2-Dichloroethene	0.71	J	1.0	0.25	ug/L			12/07/23 14:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 14:21	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 14:21	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 14:21	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 14:21	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 14:21	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 14:21	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 14:21	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 14:21	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 14:21	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 14:21	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 14:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 14:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 14:21	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-10I

Lab Sample ID: 680-243619-16

Date Collected: 11/29/23 15:15

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/07/23 14:21	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 14:21	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 14:21	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 14:21	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 14:21	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		60 - 124		12/07/23 14:21	1
4-Bromofluorobenzene (Surr)	107		70 - 130		12/07/23 14:21	1
Dibromofluoromethane (Surr)	86		70 - 130		12/07/23 14:21	1
Toluene-d8 (Surr)	99		70 - 130		12/07/23 14:21	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-10D

Lab Sample ID: 680-243619-17

Date Collected: 11/29/23 14:55

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	1.0	0.32	ug/L			12/06/23 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130					12/06/23 21:03	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			12/07/23 14:40	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 14:40	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 14:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 14:40	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/07/23 14:40	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 14:40	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 14:40	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 14:40	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 14:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 14:40	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 14:40	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 14:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 14:40	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 14:40	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 14:40	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 14:40	1
Acetone	20	U	20	3.7	ug/L			12/07/23 14:40	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 14:40	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 14:40	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 14:40	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 14:40	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 14:40	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 14:40	1
Carbon disulfide	1.5	J	5.0	0.43	ug/L			12/07/23 14:40	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 14:40	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 14:40	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 14:40	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 14:40	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 14:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/07/23 14:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 14:40	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 14:40	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 14:40	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 14:40	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 14:40	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 14:40	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 14:40	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 14:40	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 14:40	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 14:40	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 14:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 14:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 14:40	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-10D

Lab Sample ID: 680-243619-17

Date Collected: 11/29/23 14:55

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/07/23 14:40	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 14:40	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 14:40	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 14:40	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 14:40	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	73		60 - 124		12/07/23 14:40	1
4-Bromofluorobenzene (Surr)	106		70 - 130		12/07/23 14:40	1
Dibromofluoromethane (Surr)	84		70 - 130		12/07/23 14:40	1
Toluene-d8 (Surr)	98		70 - 130		12/07/23 14:40	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-131

Lab Sample ID: 680-243619-18

Date Collected: 11/27/23 14:55

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	46		1.0	0.32	ug/L			12/06/23 04:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130					12/06/23 04:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.36	ug/L			12/06/23 14:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 14:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 14:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 14:05	1
1,1-Dichloroethane	76		1.0	0.33	ug/L			12/06/23 14:05	1
1,1-Dichloroethene	0.85	J	1.0	0.33	ug/L			12/06/23 14:05	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 14:05	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 14:05	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 14:05	1
1,2-Dichloroethane	1.2		1.0	0.25	ug/L			12/06/23 14:05	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 14:05	1
1,4-Dichlorobenzene	0.63	J	1.0	0.31	ug/L			12/06/23 14:05	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 14:05	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 14:05	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 14:05	1
Acetone	20	U J2	20	3.7	ug/L			12/06/23 14:05	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 14:05	1
Benzene	2.2		1.0	0.27	ug/L			12/06/23 14:05	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:05	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:05	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 14:05	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 14:05	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 14:05	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 14:05	1
Chlorobenzene	12		1.0	0.15	ug/L			12/06/23 14:05	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 14:05	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 14:05	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 14:05	1
cis-1,2-Dichloroethene	3.6		1.0	0.25	ug/L			12/06/23 14:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 14:05	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 14:05	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:05	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 14:05	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 14:05	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 14:05	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 14:05	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 14:05	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 14:05	1
Tetrachloroethene	0.68	J	1.0	0.35	ug/L			12/06/23 14:05	1
Toluene	0.59	J	1.0	0.25	ug/L			12/06/23 14:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 14:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 14:05	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-131

Lab Sample ID: 680-243619-18

Date Collected: 11/27/23 14:55

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/06/23 14:05	1
Trichloroethene	1.2		1.0	0.20	ug/L			12/06/23 14:05	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:05	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 14:05	1
Vinyl chloride	5.1		1.0	0.40	ug/L			12/06/23 14:05	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		60 - 124		12/06/23 14:05	1
4-Bromofluorobenzene (Surr)	105		70 - 130		12/06/23 14:05	1
Dibromofluoromethane (Surr)	95		70 - 130		12/06/23 14:05	1
Toluene-d8 (Surr)	90		70 - 130		12/06/23 14:05	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-14D

Lab Sample ID: 680-243619-19

Date Collected: 11/27/23 13:10

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	1.0	0.32	ug/L			12/08/23 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130					12/08/23 18:51	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			12/06/23 14:25	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 14:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 14:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 14:25	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:25	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/06/23 14:25	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 14:25	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 14:25	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 14:25	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:25	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 14:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 14:25	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 14:25	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 14:25	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 14:25	1
Acetone	17	J J2	20	3.7	ug/L			12/06/23 14:25	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 14:25	1
Benzene	1.0	U	1.0	0.27	ug/L			12/06/23 14:25	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:25	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:25	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 14:25	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 14:25	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 14:25	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 14:25	1
Chlorobenzene	0.74	J	1.0	0.15	ug/L			12/06/23 14:25	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 14:25	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 14:25	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 14:25	1
cis-1,2-Dichloroethene	0.63	J	1.0	0.25	ug/L			12/06/23 14:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 14:25	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 14:25	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:25	1
Ethylbenzene	0.51	J	1.0	0.20	ug/L			12/06/23 14:25	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 14:25	1
m,p-Xylenes	2.8		2.0	0.49	ug/L			12/06/23 14:25	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 14:25	1
o-Xylene	1.5		1.0	0.26	ug/L			12/06/23 14:25	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 14:25	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 14:25	1
Toluene	2.1		1.0	0.25	ug/L			12/06/23 14:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 14:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 14:25	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-14D

Lab Sample ID: 680-243619-19

Date Collected: 11/27/23 13:10

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/06/23 14:25	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/06/23 14:25	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:25	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 14:25	1
Vinyl chloride	0.47	J	1.0	0.40	ug/L			12/06/23 14:25	1
Xylenes (total)	4.3		3.0	0.23	ug/L			12/06/23 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		60 - 124		12/06/23 14:25	1
4-Bromofluorobenzene (Surr)	105		70 - 130		12/06/23 14:25	1
Dibromofluoromethane (Surr)	96		70 - 130		12/06/23 14:25	1
Toluene-d8 (Surr)	89		70 - 130		12/06/23 14:25	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-15D

Lab Sample ID: 680-243619-20

Date Collected: 11/28/23 08:55

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.47	J	1.0	0.32	ug/L			12/08/23 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130					12/08/23 00:10	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			12/06/23 14:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 14:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 14:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 14:45	1
1,1-Dichloroethane	6.5		1.0	0.33	ug/L			12/06/23 14:45	1
1,1-Dichloroethene	12		1.0	0.33	ug/L			12/06/23 14:45	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 14:45	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 14:45	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 14:45	1
1,2-Dichloroethane	0.41	J	1.0	0.25	ug/L			12/06/23 14:45	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 14:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 14:45	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 14:45	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 14:45	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 14:45	1
Acetone	20	U J2	20	3.7	ug/L			12/06/23 14:45	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 14:45	1
Benzene	0.43	J	1.0	0.27	ug/L			12/06/23 14:45	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:45	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 14:45	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 14:45	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 14:45	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 14:45	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 14:45	1
Chlorobenzene	46		1.0	0.15	ug/L			12/06/23 14:45	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 14:45	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 14:45	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 14:45	1
cis-1,2-Dichloroethene	43		1.0	0.25	ug/L			12/06/23 14:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 14:45	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 14:45	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 14:45	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 14:45	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 14:45	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 14:45	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 14:45	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 14:45	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 14:45	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 14:45	1
Toluene	0.41	J	1.0	0.25	ug/L			12/06/23 14:45	1
trans-1,2-Dichloroethene	0.66	J	1.0	0.34	ug/L			12/06/23 14:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 14:45	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-15D

Lab Sample ID: 680-243619-20

Date Collected: 11/28/23 08:55

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/06/23 14:45	1
Trichloroethene	0.41	J	1.0	0.20	ug/L			12/06/23 14:45	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 14:45	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 14:45	1
Vinyl chloride	29		1.0	0.40	ug/L			12/06/23 14:45	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		60 - 124		12/06/23 14:45	1
4-Bromofluorobenzene (Surr)	107		70 - 130		12/06/23 14:45	1
Dibromofluoromethane (Surr)	93		70 - 130		12/06/23 14:45	1
Toluene-d8 (Surr)	90		70 - 130		12/06/23 14:45	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-16D

Lab Sample ID: 680-243619-21

Date Collected: 11/28/23 09:25

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	1.0	0.32	ug/L			12/08/23 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130					12/08/23 00:37	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			12/06/23 15:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 15:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 15:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 15:05	1
1,1-Dichloroethane	10		1.0	0.33	ug/L			12/06/23 15:05	1
1,1-Dichloroethene	2.0		1.0	0.33	ug/L			12/06/23 15:05	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 15:05	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 15:05	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 15:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 15:05	1
1,2-Dichloroethane	0.59	J	1.0	0.25	ug/L			12/06/23 15:05	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 15:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 15:05	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 15:05	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 15:05	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 15:05	1
Acetone	20	U J2	20	3.7	ug/L			12/06/23 15:05	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 15:05	1
Benzene	1.0		1.0	0.27	ug/L			12/06/23 15:05	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 15:05	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 15:05	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 15:05	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 15:05	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 15:05	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 15:05	1
Chlorobenzene	86		1.0	0.15	ug/L			12/06/23 15:05	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 15:05	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 15:05	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 15:05	1
cis-1,2-Dichloroethene	11		1.0	0.25	ug/L			12/06/23 15:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 15:05	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 15:05	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 15:05	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 15:05	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 15:05	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 15:05	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 15:05	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 15:05	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 15:05	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 15:05	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 15:05	1
trans-1,2-Dichloroethene	0.55	J	1.0	0.34	ug/L			12/06/23 15:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 15:05	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-16D

Lab Sample ID: 680-243619-21

Date Collected: 11/28/23 09:25

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/06/23 15:05	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/06/23 15:05	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 15:05	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 15:05	1
Vinyl chloride	15		1.0	0.40	ug/L			12/06/23 15:05	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		60 - 124		12/06/23 15:05	1
4-Bromofluorobenzene (Surr)	106		70 - 130		12/06/23 15:05	1
Dibromofluoromethane (Surr)	94		70 - 130		12/06/23 15:05	1
Toluene-d8 (Surr)	92		70 - 130		12/06/23 15:05	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-SF1

Lab Sample ID: 680-243619-22

Date Collected: 11/28/23 11:00

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	5200		200	64	ug/L			12/08/23 22:00	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	J1	70 - 130					12/08/23 22:00	200

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	100	U	100	36	ug/L			12/07/23 18:12	100
1,1,1-Trichloroethane	13000		100	21	ug/L			12/07/23 18:12	100
1,1,2,2-Tetrachloroethane	100	U	100	40	ug/L			12/07/23 18:12	100
1,1,2-Trichloroethane	100	U	100	32	ug/L			12/07/23 18:12	100
1,1-Dichloroethane	7100		100	33	ug/L			12/07/23 18:12	100
1,1-Dichloroethene	6700		100	33	ug/L			12/07/23 18:12	100
1,2,3-Trichloropropane	100	U	100	48	ug/L			12/07/23 18:12	100
1,2-Dibromo-3-Chloropropane	500	U	500	180	ug/L			12/07/23 18:12	100
1,2-Dibromoethane	100	U	100	33	ug/L			12/07/23 18:12	100
1,2-Dichlorobenzene	51	J	100	31	ug/L			12/07/23 18:12	100
1,2-Dichloroethane	1100		100	25	ug/L			12/07/23 18:12	100
1,2-Dichloropropane	100	U	100	22	ug/L			12/07/23 18:12	100
1,4-Dichlorobenzene	100	U	100	31	ug/L			12/07/23 18:12	100
2-Butanone	1000	U	1000	640	ug/L			12/07/23 18:12	100
2-Hexanone	1000	U	1000	320	ug/L			12/07/23 18:12	100
4-Methyl-2-pentanone	1000	U	1000	270	ug/L			12/07/23 18:12	100
Acetone	530	J	2000	370	ug/L			12/07/23 18:12	100
Acrylonitrile	2000	U	2000	550	ug/L			12/07/23 18:12	100
Benzene	120		100	27	ug/L			12/07/23 18:12	100
Bromochloromethane	100	U	100	34	ug/L			12/07/23 18:12	100
Bromodichloromethane	100	U	100	25	ug/L			12/07/23 18:12	100
Bromoform	100	U	100	59	ug/L			12/07/23 18:12	100
Bromomethane	500	U	500	370	ug/L			12/07/23 18:12	100
Carbon disulfide	500	U	500	43	ug/L			12/07/23 18:12	100
Carbon tetrachloride	100	U	100	30	ug/L			12/07/23 18:12	100
Chlorobenzene	14000		100	15	ug/L			12/07/23 18:12	100
Chloroethane	470	J	500	460	ug/L			12/07/23 18:12	100
Chloroform	100	U	100	27	ug/L			12/07/23 18:12	100
Chloromethane	100	U	100	54	ug/L			12/07/23 18:12	100
cis-1,3-Dichloropropene	100	U	100	26	ug/L			12/07/23 18:12	100
Dibromochloromethane	100	U	100	39	ug/L			12/07/23 18:12	100
Dibromomethane	100	U	100	34	ug/L			12/07/23 18:12	100
Ethylbenzene	170		100	20	ug/L			12/07/23 18:12	100
Iodomethane	1000	U	1000	390	ug/L			12/07/23 18:12	100
m,p-Xylenes	370		200	49	ug/L			12/07/23 18:12	100
Methylene Chloride	1700		500	320	ug/L			12/07/23 18:12	100
o-Xylene	200		100	26	ug/L			12/07/23 18:12	100
Styrene	100	U	100	27	ug/L			12/07/23 18:12	100
Tetrachloroethene	960		100	35	ug/L			12/07/23 18:12	100
Toluene	2200		100	25	ug/L			12/07/23 18:12	100
trans-1,2-Dichloroethene	100	U	100	34	ug/L			12/07/23 18:12	100
trans-1,3-Dichloropropene	100	U	100	23	ug/L			12/07/23 18:12	100
trans-1,4-Dichloro-2-butene	200	U	200	130	ug/L			12/07/23 18:12	100

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-SF1

Lab Sample ID: 680-243619-22

Date Collected: 11/28/23 11:00

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1300		100	20	ug/L			12/07/23 18:12	100
Trichlorofluoromethane	62	J	100	33	ug/L			12/07/23 18:12	100
Vinyl acetate	500	U	500	69	ug/L			12/07/23 18:12	100
Vinyl chloride	6100		100	40	ug/L			12/07/23 18:12	100
Xylenes (total)	570		300	23	ug/L			12/07/23 18:12	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		60 - 124		12/07/23 18:12	100
4-Bromofluorobenzene (Surr)	111		70 - 130		12/07/23 18:12	100
Dibromofluoromethane (Surr)	81		70 - 130		12/07/23 18:12	100
Toluene-d8 (Surr)	95		70 - 130		12/07/23 18:12	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	17000		200	50	ug/L			12/12/23 00:11	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		60 - 124		12/12/23 00:11	200
4-Bromofluorobenzene (Surr)	103		70 - 130		12/12/23 00:11	200
Dibromofluoromethane (Surr)	86		70 - 130		12/12/23 00:11	200
Toluene-d8 (Surr)	99		70 - 130		12/12/23 00:11	200

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: W-4A

Lab Sample ID: 680-243619-23

Date Collected: 11/28/23 11:35

Matrix: Ground Water

Date Received: 12/01/23 10:22

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		1.0	0.32	ug/L			12/08/23 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130					12/08/23 01:03	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			12/07/23 15:00	1
1,1,1-Trichloroethane	1.3		1.0	0.21	ug/L			12/07/23 15:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 15:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 15:00	1
1,1-Dichloroethane	20		1.0	0.33	ug/L			12/07/23 15:00	1
1,1-Dichloroethene	7.2		1.0	0.33	ug/L			12/07/23 15:00	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 15:00	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 15:00	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 15:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 15:00	1
1,2-Dichloroethane	0.55	J	1.0	0.25	ug/L			12/07/23 15:00	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 15:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 15:00	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 15:00	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 15:00	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 15:00	1
Acetone	20	U	20	3.7	ug/L			12/07/23 15:00	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 15:00	1
Benzene	0.86	J	1.0	0.27	ug/L			12/07/23 15:00	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 15:00	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 15:00	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 15:00	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 15:00	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 15:00	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 15:00	1
Chlorobenzene	1.2		1.0	0.15	ug/L			12/07/23 15:00	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 15:00	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 15:00	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 15:00	1
cis-1,2-Dichloroethene	20		1.0	0.25	ug/L			12/07/23 15:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 15:00	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 15:00	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 15:00	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 15:00	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 15:00	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 15:00	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 15:00	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 15:00	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 15:00	1
Tetrachloroethene	0.59	J	1.0	0.35	ug/L			12/07/23 15:00	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 15:00	1
trans-1,2-Dichloroethene	0.66	J	1.0	0.34	ug/L			12/07/23 15:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 15:00	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: W-4A

Lab Sample ID: 680-243619-23

Date Collected: 11/28/23 11:35

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/07/23 15:00	1
Trichloroethene	2.5		1.0	0.20	ug/L			12/07/23 15:00	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 15:00	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 15:00	1
Vinyl chloride	17		1.0	0.40	ug/L			12/07/23 15:00	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		60 - 124		12/07/23 15:00	1
4-Bromofluorobenzene (Surr)	102		70 - 130		12/07/23 15:00	1
Dibromofluoromethane (Surr)	84		70 - 130		12/07/23 15:00	1
Toluene-d8 (Surr)	99		70 - 130		12/07/23 15:00	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW-5

Lab Sample ID: 680-243619-24

Date Collected: 11/30/23 08:30

Matrix: Surface Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	7.6	J	10	3.2	ug/L			12/07/23 04:34	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130					12/07/23 04:34	10

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			12/07/23 15:19	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 15:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 15:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 15:19	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/07/23 15:19	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 15:19	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 15:19	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 15:19	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 15:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 15:19	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 15:19	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 15:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 15:19	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 15:19	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 15:19	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 15:19	1
Acetone	20	U	20	3.7	ug/L			12/07/23 15:19	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 15:19	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 15:19	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 15:19	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 15:19	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 15:19	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 15:19	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 15:19	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 15:19	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 15:19	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 15:19	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 15:19	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 15:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/07/23 15:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 15:19	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 15:19	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 15:19	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 15:19	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 15:19	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 15:19	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 15:19	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 15:19	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 15:19	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 15:19	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 15:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 15:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 15:19	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW-5

Lab Sample ID: 680-243619-24

Date Collected: 11/30/23 08:30

Matrix: Surface Water

Date Received: 12/01/23 10:22

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			12/07/23 15:19	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 15:19	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 15:19	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 15:19	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 15:19	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		60 - 124		12/07/23 15:19	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/07/23 15:19	1
Dibromofluoromethane (Surr)	84		70 - 130		12/07/23 15:19	1
Toluene-d8 (Surr)	99		70 - 130		12/07/23 15:19	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW-3

Lab Sample ID: 680-243619-25

Date Collected: 11/30/23 08:45

Matrix: Surface Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.5		1.0	0.32	ug/L			12/08/23 01:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130					12/08/23 01:30	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			12/07/23 15:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 15:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 15:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 15:38	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/07/23 15:38	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 15:38	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 15:38	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 15:38	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 15:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 15:38	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 15:38	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 15:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 15:38	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 15:38	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 15:38	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 15:38	1
Acetone	20	U	20	3.7	ug/L			12/07/23 15:38	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 15:38	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 15:38	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 15:38	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 15:38	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 15:38	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 15:38	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 15:38	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 15:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 15:38	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 15:38	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 15:38	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 15:38	1
cis-1,2-Dichloroethene	0.59	J	1.0	0.25	ug/L			12/07/23 15:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 15:38	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 15:38	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 15:38	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 15:38	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 15:38	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 15:38	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 15:38	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 15:38	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 15:38	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 15:38	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 15:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 15:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 15:38	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW-3

Lab Sample ID: 680-243619-25

Date Collected: 11/30/23 08:45

Matrix: Surface Water

Date Received: 12/01/23 10:22

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			12/07/23 15:38	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 15:38	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 15:38	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 15:38	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 15:38	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		60 - 124		12/07/23 15:38	1
4-Bromofluorobenzene (Surr)	105		70 - 130		12/07/23 15:38	1
Dibromofluoromethane (Surr)	86		70 - 130		12/07/23 15:38	1
Toluene-d8 (Surr)	98		70 - 130		12/07/23 15:38	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW-4

Lab Sample ID: 680-243619-26

Date Collected: 11/30/23 09:00

Matrix: Surface Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	300		10	3.2	ug/L			12/08/23 22:26	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130					12/08/23 22:26	10

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			12/06/23 16:43	1
1,1,1-Trichloroethane	25		1.0	0.21	ug/L			12/06/23 16:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 16:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 16:43	1
1,1-Dichloroethene	90		1.0	0.33	ug/L			12/06/23 16:43	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 16:43	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 16:43	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 16:43	1
1,2-Dichlorobenzene	2.9		1.0	0.31	ug/L			12/06/23 16:43	1
1,2-Dichloroethane	27		1.0	0.25	ug/L			12/06/23 16:43	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 16:43	1
1,4-Dichlorobenzene	0.69	J	1.0	0.31	ug/L			12/06/23 16:43	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 16:43	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 16:43	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 16:43	1
Acetone	14	J J2	20	3.7	ug/L			12/06/23 16:43	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 16:43	1
Benzene	8.8		1.0	0.27	ug/L			12/06/23 16:43	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 16:43	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 16:43	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 16:43	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 16:43	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 16:43	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 16:43	1
Chloroethane	73		5.0	4.6	ug/L			12/06/23 16:43	1
Chloroform	0.60	J	1.0	0.27	ug/L			12/06/23 16:43	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 16:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 16:43	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 16:43	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 16:43	1
Ethylbenzene	0.85	J	1.0	0.20	ug/L			12/06/23 16:43	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 16:43	1
m,p-Xylenes	0.99	J	2.0	0.49	ug/L			12/06/23 16:43	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 16:43	1
o-Xylene	7.1		1.0	0.26	ug/L			12/06/23 16:43	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 16:43	1
Tetrachloroethene	2.3		1.0	0.35	ug/L			12/06/23 16:43	1
Toluene	3.2		1.0	0.25	ug/L			12/06/23 16:43	1
trans-1,2-Dichloroethene	2.0		1.0	0.34	ug/L			12/06/23 16:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 16:43	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			12/06/23 16:43	1
Trichloroethene	2.3		1.0	0.20	ug/L			12/06/23 16:43	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 16:43	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW-4

Lab Sample ID: 680-243619-26

Date Collected: 11/30/23 09:00

Matrix: Surface Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 16:43	1
Xylenes (total)	8.1		3.0	0.23	ug/L			12/06/23 16:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		60 - 124					12/06/23 16:43	1
4-Bromofluorobenzene (Surr)	106		70 - 130					12/06/23 16:43	1
Dibromofluoromethane (Surr)	94		70 - 130					12/06/23 16:43	1
Toluene-d8 (Surr)	92		70 - 130					12/06/23 16:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	250		10	3.3	ug/L			12/07/23 18:51	10
Chlorobenzene	400		10	1.5	ug/L			12/07/23 18:51	10
cis-1,2-Dichloroethene	330		10	2.5	ug/L			12/07/23 18:51	10
Vinyl chloride	270		10	4.0	ug/L			12/07/23 18:51	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		60 - 124					12/07/23 18:51	10
4-Bromofluorobenzene (Surr)	108		70 - 130					12/07/23 18:51	10
Dibromofluoromethane (Surr)	85		70 - 130					12/07/23 18:51	10
Toluene-d8 (Surr)	100		70 - 130					12/07/23 18:51	10

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW6 Surface

Lab Sample ID: 680-243619-27

Date Collected: 11/30/23 12:15

Matrix: Surface Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.1		1.0	0.32	ug/L			12/08/23 02:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130					12/08/23 02:23	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			12/07/23 15:57	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 15:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 15:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 15:57	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/07/23 15:57	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 15:57	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 15:57	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 15:57	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 15:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 15:57	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 15:57	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 15:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 15:57	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 15:57	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 15:57	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 15:57	1
Acetone	20	U	20	3.7	ug/L			12/07/23 15:57	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 15:57	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 15:57	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 15:57	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 15:57	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 15:57	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 15:57	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 15:57	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 15:57	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 15:57	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 15:57	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 15:57	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 15:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/07/23 15:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 15:57	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 15:57	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 15:57	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 15:57	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 15:57	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 15:57	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 15:57	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 15:57	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 15:57	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 15:57	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 15:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 15:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 15:57	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW6 Surface

Lab Sample ID: 680-243619-27

Date Collected: 11/30/23 12:15

Matrix: Surface Water

Date Received: 12/01/23 10:22

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			12/07/23 15:57	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 15:57	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 15:57	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 15:57	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 15:57	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 15:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		60 - 124		12/07/23 15:57	1
4-Bromofluorobenzene (Surr)	102		70 - 130		12/07/23 15:57	1
Dibromofluoromethane (Surr)	83		70 - 130		12/07/23 15:57	1
Toluene-d8 (Surr)	98		70 - 130		12/07/23 15:57	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW6 Bottom

Lab Sample ID: 680-243619-28

Date Collected: 11/30/23 12:30

Matrix: Surface Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	1.0	0.32	ug/L			12/08/23 02:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130					12/08/23 02:49	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			12/07/23 16:17	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 16:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 16:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 16:17	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/07/23 16:17	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 16:17	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 16:17	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 16:17	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 16:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 16:17	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 16:17	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 16:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 16:17	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 16:17	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 16:17	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 16:17	1
Acetone	20	U	20	3.7	ug/L			12/07/23 16:17	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 16:17	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 16:17	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 16:17	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 16:17	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 16:17	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 16:17	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 16:17	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 16:17	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 16:17	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 16:17	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 16:17	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 16:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/07/23 16:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 16:17	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 16:17	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 16:17	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 16:17	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 16:17	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 16:17	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 16:17	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 16:17	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 16:17	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 16:17	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 16:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 16:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 16:17	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW6 Bottom

Lab Sample ID: 680-243619-28

Date Collected: 11/30/23 12:30

Matrix: Surface Water

Date Received: 12/01/23 10:22

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			12/07/23 16:17	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 16:17	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 16:17	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 16:17	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 16:17	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		60 - 124		12/07/23 16:17	1
4-Bromofluorobenzene (Surr)	105		70 - 130		12/07/23 16:17	1
Dibromofluoromethane (Surr)	85		70 - 130		12/07/23 16:17	1
Toluene-d8 (Surr)	99		70 - 130		12/07/23 16:17	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SWDRP2 Surface

Lab Sample ID: 680-243619-29

Date Collected: 11/30/23 13:30

Matrix: Surface Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	1.0	0.32	ug/L			12/08/23 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130					12/08/23 03:16	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			12/07/23 16:36	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 16:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 16:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 16:36	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/07/23 16:36	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 16:36	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 16:36	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 16:36	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 16:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 16:36	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 16:36	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 16:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 16:36	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 16:36	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 16:36	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 16:36	1
Acetone	20	U	20	3.7	ug/L			12/07/23 16:36	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 16:36	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 16:36	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 16:36	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 16:36	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 16:36	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 16:36	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 16:36	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 16:36	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 16:36	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 16:36	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 16:36	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 16:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/07/23 16:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 16:36	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 16:36	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 16:36	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 16:36	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 16:36	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 16:36	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 16:36	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 16:36	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 16:36	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 16:36	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 16:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 16:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 16:36	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SWDRP2 Surface

Lab Sample ID: 680-243619-29

Date Collected: 11/30/23 13:30

Matrix: Surface Water

Date Received: 12/01/23 10:22

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			12/07/23 16:36	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 16:36	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 16:36	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 16:36	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 16:36	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		60 - 124		12/07/23 16:36	1
4-Bromofluorobenzene (Surr)	108		70 - 130		12/07/23 16:36	1
Dibromofluoromethane (Surr)	84		70 - 130		12/07/23 16:36	1
Toluene-d8 (Surr)	99		70 - 130		12/07/23 16:36	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SWDRP2 Bottom

Lab Sample ID: 680-243619-30

Date Collected: 11/30/23 13:30

Matrix: Surface Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	1.0	0.32	ug/L			12/08/23 03:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130					12/08/23 03:42	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			12/07/23 16:55	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 16:55	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 16:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 16:55	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/07/23 16:55	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 16:55	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 16:55	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 16:55	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 16:55	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 16:55	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 16:55	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 16:55	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 16:55	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 16:55	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 16:55	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 16:55	1
Acetone	20	U	20	3.7	ug/L			12/07/23 16:55	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 16:55	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 16:55	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 16:55	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 16:55	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 16:55	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 16:55	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 16:55	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 16:55	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 16:55	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 16:55	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 16:55	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 16:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/07/23 16:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 16:55	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 16:55	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 16:55	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 16:55	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 16:55	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 16:55	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 16:55	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 16:55	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 16:55	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 16:55	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 16:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 16:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 16:55	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SWDRP2 Bottom

Lab Sample ID: 680-243619-30

Date Collected: 11/30/23 13:30

Matrix: Surface Water

Date Received: 12/01/23 10:22

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			12/07/23 16:55	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 16:55	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 16:55	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 16:55	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 16:55	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		60 - 124		12/07/23 16:55	1
4-Bromofluorobenzene (Surr)	106		70 - 130		12/07/23 16:55	1
Dibromofluoromethane (Surr)	85		70 - 130		12/07/23 16:55	1
Toluene-d8 (Surr)	98		70 - 130		12/07/23 16:55	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW7 Surface

Lab Sample ID: 680-243619-31

Date Collected: 11/30/23 13:50

Matrix: Surface Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	1.0	0.32	ug/L			12/08/23 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130					12/08/23 04:08	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			12/07/23 17:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 17:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 17:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 17:14	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/07/23 17:14	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 17:14	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 17:14	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 17:14	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 17:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 17:14	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 17:14	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 17:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 17:14	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 17:14	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 17:14	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 17:14	1
Acetone	20	U	20	3.7	ug/L			12/07/23 17:14	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 17:14	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 17:14	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 17:14	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 17:14	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 17:14	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 17:14	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 17:14	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 17:14	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 17:14	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 17:14	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 17:14	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 17:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/07/23 17:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 17:14	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 17:14	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 17:14	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 17:14	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 17:14	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 17:14	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 17:14	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 17:14	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 17:14	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 17:14	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 17:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 17:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 17:14	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW7 Surface

Lab Sample ID: 680-243619-31

Date Collected: 11/30/23 13:50

Matrix: Surface Water

Date Received: 12/01/23 10:22

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			12/07/23 17:14	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 17:14	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 17:14	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 17:14	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 17:14	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		60 - 124		12/07/23 17:14	1
4-Bromofluorobenzene (Surr)	106		70 - 130		12/07/23 17:14	1
Dibromofluoromethane (Surr)	86		70 - 130		12/07/23 17:14	1
Toluene-d8 (Surr)	98		70 - 130		12/07/23 17:14	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW7 Bottom

Lab Sample ID: 680-243619-32

Date Collected: 11/30/23 13:50

Matrix: Surface Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	1.0	0.32	ug/L			12/08/23 04:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130					12/08/23 04:35	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			12/07/23 17:34	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 17:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 17:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 17:34	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/07/23 17:34	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 17:34	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 17:34	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 17:34	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 17:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 17:34	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 17:34	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 17:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 17:34	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 17:34	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 17:34	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 17:34	1
Acetone	20	U	20	3.7	ug/L			12/07/23 17:34	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 17:34	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 17:34	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 17:34	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 17:34	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 17:34	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 17:34	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 17:34	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 17:34	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 17:34	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 17:34	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 17:34	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 17:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/07/23 17:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 17:34	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 17:34	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 17:34	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 17:34	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 17:34	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 17:34	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 17:34	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 17:34	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 17:34	1
Tetrachloroethene	1.2		1.0	0.35	ug/L			12/07/23 17:34	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 17:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 17:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 17:34	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW7 Bottom

Lab Sample ID: 680-243619-32

Date Collected: 11/30/23 13:50

Matrix: Surface Water

Date Received: 12/01/23 10:22

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			12/07/23 17:34	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 17:34	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 17:34	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 17:34	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 17:34	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		60 - 124		12/07/23 17:34	1
4-Bromofluorobenzene (Surr)	110		70 - 130		12/07/23 17:34	1
Dibromofluoromethane (Surr)	86		70 - 130		12/07/23 17:34	1
Toluene-d8 (Surr)	99		70 - 130		12/07/23 17:34	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-121

Lab Sample ID: 680-243619-33

Date Collected: 11/30/23 10:40

Matrix: Ground Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	1.0	0.32	ug/L			12/08/23 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130					12/08/23 19:45	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			12/07/23 17:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 17:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 17:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 17:53	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/07/23 17:53	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 17:53	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 17:53	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 17:53	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 17:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 17:53	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 17:53	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 17:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 17:53	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 17:53	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 17:53	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 17:53	1
Acetone	20	U	20	3.7	ug/L			12/07/23 17:53	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 17:53	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 17:53	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 17:53	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 17:53	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 17:53	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/07/23 17:53	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 17:53	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 17:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 17:53	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 17:53	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 17:53	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 17:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/07/23 17:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 17:53	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 17:53	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 17:53	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 17:53	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 17:53	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 17:53	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 17:53	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 17:53	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 17:53	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 17:53	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 17:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 17:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 17:53	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-12I

Lab Sample ID: 680-243619-33

Date Collected: 11/30/23 10:40

Matrix: Ground Water

Date Received: 12/01/23 10:22

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			12/07/23 17:53	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 17:53	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 17:53	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 17:53	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 17:53	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	74		60 - 124		12/07/23 17:53	1
4-Bromofluorobenzene (Surr)	107		70 - 130		12/07/23 17:53	1
Dibromofluoromethane (Surr)	82		70 - 130		12/07/23 17:53	1
Toluene-d8 (Surr)	99		70 - 130		12/07/23 17:53	1

Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-243619-34

Date Collected: 11/27/23 00:00

Matrix: Water

Date Received: 12/01/23 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	1.0	0.32	ug/L			12/07/23 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130					12/07/23 22:50	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			12/06/23 13:46	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 13:46	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 13:46	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 13:46	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/06/23 13:46	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/06/23 13:46	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 13:46	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 13:46	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 13:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 13:46	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/06/23 13:46	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 13:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 13:46	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 13:46	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 13:46	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 13:46	1
Acetone	20	U J2	20	3.7	ug/L			12/06/23 13:46	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 13:46	1
Benzene	1.0	U	1.0	0.27	ug/L			12/06/23 13:46	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 13:46	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 13:46	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 13:46	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 13:46	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 13:46	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 13:46	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/06/23 13:46	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 13:46	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 13:46	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 13:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/06/23 13:46	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 13:46	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 13:46	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 13:46	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 13:46	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 13:46	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 13:46	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 13:46	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 13:46	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 13:46	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 13:46	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 13:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 13:46	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 13:46	1

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Client Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-243619-34

Date Collected: 11/27/23 00:00

Matrix: Water

Date Received: 12/01/23 10:22

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			12/06/23 13:46	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/06/23 13:46	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 13:46	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 13:46	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/06/23 13:46	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		60 - 124		12/06/23 13:46	1
4-Bromofluorobenzene (Surr)	109		70 - 130		12/06/23 13:46	1
Dibromofluoromethane (Surr)	92		70 - 130		12/06/23 13:46	1
Toluene-d8 (Surr)	90		70 - 130		12/06/23 13:46	1

QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: MB 680-811720/8

Matrix: Water

Analysis Batch: 811720

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			12/06/23 12:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 12:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 12:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 12:52	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/06/23 12:52	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/06/23 12:52	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 12:52	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 12:52	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 12:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 12:52	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/06/23 12:52	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 12:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 12:52	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 12:52	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 12:52	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 12:52	1
Acetone	20	U	20	3.7	ug/L			12/06/23 12:52	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 12:52	1
Benzene	1.0	U	1.0	0.27	ug/L			12/06/23 12:52	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 12:52	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 12:52	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 12:52	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 12:52	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 12:52	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 12:52	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/06/23 12:52	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 12:52	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 12:52	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 12:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/06/23 12:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 12:52	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 12:52	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 12:52	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 12:52	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 12:52	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 12:52	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 12:52	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 12:52	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 12:52	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 12:52	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 12:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 12:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 12:52	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			12/06/23 12:52	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/06/23 12:52	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 12:52	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 12:52	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/06/23 12:52	1

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: MB 680-811720/8

Matrix: Water

Analysis Batch: 811720

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			12/06/23 12:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		60 - 124		12/06/23 12:52	1
4-Bromofluorobenzene (Surr)	110		70 - 130		12/06/23 12:52	1
Dibromofluoromethane (Surr)	94		70 - 130		12/06/23 12:52	1
Toluene-d8 (Surr)	91		70 - 130		12/06/23 12:52	1

Lab Sample ID: LCS 680-811720/3

Matrix: Water

Analysis Batch: 811720

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	42.3		ug/L		85	70 - 130
1,1,1-Trichloroethane	50.0	41.2		ug/L		82	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	55.8		ug/L		112	70 - 130
1,1,2-Trichloroethane	50.0	51.5		ug/L		103	70 - 130
1,1-Dichloroethane	50.0	50.2		ug/L		100	70 - 130
1,1-Dichloroethene	50.0	48.4		ug/L		97	70 - 130
1,2,3-Trichloropropane	50.0	42.7		ug/L		85	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	39.6		ug/L		79	70 - 130
1,2-Dibromoethane	50.0	46.6		ug/L		93	70 - 130
1,2-Dichlorobenzene	50.0	46.9		ug/L		94	70 - 130
1,2-Dichloroethane	50.0	40.7		ug/L		81	70 - 130
1,2-Dichloropropane	50.0	58.7		ug/L		117	70 - 130
1,4-Dichlorobenzene	50.0	49.5		ug/L		99	70 - 130
2-Butanone	250	256		ug/L		103	69 - 120
2-Hexanone	250	274		ug/L		110	70 - 130
4-Methyl-2-pentanone	250	274		ug/L		110	68 - 120
Acetone	250	307	J2	ug/L		123	67 - 120
Acrylonitrile	500	582		ug/L		116	70 - 130
Benzene	50.0	52.8		ug/L		106	70 - 130
Bromochloromethane	50.0	42.6		ug/L		85	70 - 130
Bromodichloromethane	50.0	44.0		ug/L		88	70 - 130
Bromoform	50.0	43.4		ug/L		87	69 - 129
Bromomethane	50.0	36.3		ug/L		73	28 - 192
Carbon disulfide	50.0	52.8		ug/L		106	70 - 130
Carbon tetrachloride	50.0	40.5		ug/L		81	70 - 130
Chlorobenzene	50.0	46.9		ug/L		94	70 - 130
Chloroethane	50.0	44.6		ug/L		89	31 - 213
Chloroform	50.0	45.1		ug/L		90	70 - 130
Chloromethane	50.0	52.5		ug/L		105	59 - 127
cis-1,2-Dichloroethene	50.0	48.1		ug/L		96	70 - 130
cis-1,3-Dichloropropene	50.0	51.4		ug/L		103	70 - 130
Dibromochloromethane	50.0	44.5		ug/L		89	70 - 130
Dibromomethane	50.0	45.1		ug/L		90	70 - 130
Ethylbenzene	50.0	48.8		ug/L		98	70 - 130
Iodomethane	50.0	40.1		ug/L		80	52 - 129

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCS 680-811720/3

Matrix: Water

Analysis Batch: 811720

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	50.6		ug/L		101	70 - 130
Methylene Chloride	50.0	51.4		ug/L		103	70 - 130
o-Xylene	50.0	51.3		ug/L		103	70 - 130
Styrene	50.0	54.1		ug/L		108	70 - 130
Tetrachloroethene	50.0	42.2		ug/L		84	70 - 130
Toluene	50.0	51.5		ug/L		103	70 - 130
trans-1,2-Dichloroethene	50.0	46.3		ug/L		93	70 - 130
trans-1,3-Dichloropropene	50.0	49.5		ug/L		99	70 - 130
trans-1,4-Dichloro-2-butene	50.0	45.2		ug/L		90	67 - 120
Trichloroethene	50.0	42.6		ug/L		85	70 - 130
Trichlorofluoromethane	50.0	58.0		ug/L		116	63 - 142
Vinyl acetate	100	114		ug/L		114	67 - 135
Vinyl chloride	50.0	62.6		ug/L		125	66 - 129
Xylenes (total)	100	102		ug/L		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		60 - 124
4-Bromofluorobenzene (Surr)	126		70 - 130
Dibromofluoromethane (Surr)	86		70 - 130
Toluene-d8 (Surr)	90		70 - 130

Lab Sample ID: LCSD 680-811720/4

Matrix: Water

Analysis Batch: 811720

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	41.2		ug/L		82	70 - 130	3	30
1,1,1-Trichloroethane	50.0	41.2		ug/L		82	70 - 130	0	30
1,1,2,2-Tetrachloroethane	50.0	55.2		ug/L		110	70 - 130	1	30
1,1,2-Trichloroethane	50.0	50.3		ug/L		101	70 - 130	2	30
1,1-Dichloroethane	50.0	49.9		ug/L		100	70 - 130	1	30
1,1-Dichloroethene	50.0	49.3		ug/L		99	70 - 130	2	20
1,2,3-Trichloropropane	50.0	41.5		ug/L		83	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	50.0	39.4		ug/L		79	70 - 130	1	30
1,2-Dibromoethane	50.0	45.2		ug/L		90	70 - 130	3	30
1,2-Dichlorobenzene	50.0	46.8		ug/L		94	70 - 130	0	30
1,2-Dichloroethane	50.0	40.1		ug/L		80	70 - 130	2	50
1,2-Dichloropropane	50.0	57.0		ug/L		114	70 - 130	3	20
1,4-Dichlorobenzene	50.0	49.9		ug/L		100	70 - 130	1	30
2-Butanone	250	246		ug/L		98	69 - 120	4	30
2-Hexanone	250	262		ug/L		105	70 - 130	5	20
4-Methyl-2-pentanone	250	266		ug/L		106	68 - 120	3	30
Acetone	250	294		ug/L		118	67 - 120	5	30
Acrylonitrile	500	562		ug/L		112	70 - 130	4	30
Benzene	50.0	52.9		ug/L		106	70 - 130	0	30
Bromochloromethane	50.0	41.8		ug/L		84	70 - 130	2	30
Bromodichloromethane	50.0	43.7		ug/L		87	70 - 130	1	30
Bromoform	50.0	42.7		ug/L		85	69 - 129	1	30

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCSD 680-811720/4

Matrix: Water

Analysis Batch: 811720

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	37.3		ug/L		75	28 - 192	3	30
Carbon disulfide	50.0	51.6		ug/L		103	70 - 130	2	30
Carbon tetrachloride	50.0	41.4		ug/L		83	70 - 130	2	30
Chlorobenzene	50.0	46.5		ug/L		93	70 - 130	1	30
Chloroethane	50.0	46.6		ug/L		93	31 - 213	4	30
Chloroform	50.0	44.9		ug/L		90	70 - 130	1	30
Chloromethane	50.0	53.7		ug/L		107	59 - 127	2	30
cis-1,2-Dichloroethene	50.0	47.7		ug/L		95	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	50.0		ug/L		100	70 - 130	3	20
Dibromochloromethane	50.0	44.3		ug/L		89	70 - 130	0	30
Dibromomethane	50.0	43.9		ug/L		88	70 - 130	3	30
Ethylbenzene	50.0	48.6		ug/L		97	70 - 130	1	20
Iodomethane	50.0	41.1		ug/L		82	52 - 129	3	30
m,p-Xylenes	50.0	51.0		ug/L		102	70 - 130	1	30
Methylene Chloride	50.0	51.5		ug/L		103	70 - 130	0	30
o-Xylene	50.0	50.8		ug/L		102	70 - 130	1	30
Styrene	50.0	53.6		ug/L		107	70 - 130	1	30
Tetrachloroethene	50.0	42.8		ug/L		86	70 - 130	1	30
Toluene	50.0	51.4		ug/L		103	70 - 130	0	30
trans-1,2-Dichloroethene	50.0	47.0		ug/L		94	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	47.9		ug/L		96	70 - 130	3	30
trans-1,4-Dichloro-2-butene	50.0	44.0		ug/L		88	67 - 120	3	30
Trichloroethene	50.0	43.5		ug/L		87	70 - 130	2	30
Trichlorofluoromethane	50.0	68.0		ug/L		136	63 - 142	16	30
Vinyl acetate	100	109		ug/L		109	67 - 135	4	30
Vinyl chloride	50.0	64.1		ug/L		128	66 - 129	2	30
Xylenes (total)	100	102		ug/L		102	70 - 130	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		60 - 124
4-Bromofluorobenzene (Surr)	129		70 - 130
Dibromofluoromethane (Surr)	84		70 - 130
Toluene-d8 (Surr)	89		70 - 130

Lab Sample ID: MB 680-811735/7

Matrix: Water

Analysis Batch: 811735

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			12/06/23 11:02	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/06/23 11:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/06/23 11:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/06/23 11:02	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/06/23 11:02	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/06/23 11:02	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/06/23 11:02	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/06/23 11:02	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/06/23 11:02	1

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: MB 680-811735/7

Matrix: Water

Analysis Batch: 811735

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			12/06/23 11:02	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/06/23 11:02	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/06/23 11:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/06/23 11:02	1
2-Butanone	10	U	10	6.4	ug/L			12/06/23 11:02	1
2-Hexanone	10	U	10	3.2	ug/L			12/06/23 11:02	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/06/23 11:02	1
Acetone	20	U	20	3.7	ug/L			12/06/23 11:02	1
Acrylonitrile	20	U	20	5.5	ug/L			12/06/23 11:02	1
Benzene	1.0	U	1.0	0.27	ug/L			12/06/23 11:02	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/06/23 11:02	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/06/23 11:02	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/06/23 11:02	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/06/23 11:02	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/06/23 11:02	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/06/23 11:02	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/06/23 11:02	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/06/23 11:02	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/06/23 11:02	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/06/23 11:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/06/23 11:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/06/23 11:02	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/06/23 11:02	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/06/23 11:02	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/06/23 11:02	1
Iodomethane	10	U	10	3.9	ug/L			12/06/23 11:02	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/06/23 11:02	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/06/23 11:02	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/06/23 11:02	1
Styrene	1.0	U	1.0	0.27	ug/L			12/06/23 11:02	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/06/23 11:02	1
Toluene	1.0	U	1.0	0.25	ug/L			12/06/23 11:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/06/23 11:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/06/23 11:02	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			12/06/23 11:02	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/06/23 11:02	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/06/23 11:02	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/06/23 11:02	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/06/23 11:02	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/06/23 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	75		60 - 124		12/06/23 11:02	1
4-Bromofluorobenzene (Surr)	99		70 - 130		12/06/23 11:02	1
Dibromofluoromethane (Surr)	83		70 - 130		12/06/23 11:02	1
Toluene-d8 (Surr)	102		70 - 130		12/06/23 11:02	1

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCS 680-811735/3

Matrix: Water

Analysis Batch: 811735

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	40.7		ug/L		81	70 - 130
1,1,1-Trichloroethane	50.0	55.4		ug/L		111	70 - 130
1,1,2,2-Tetrachloroethane	50.0	42.6		ug/L		85	70 - 130
1,1,2-Trichloroethane	50.0	43.2		ug/L		86	70 - 130
1,1-Dichloroethane	50.0	55.1		ug/L		110	70 - 130
1,1-Dichloroethene	50.0	57.4		ug/L		115	70 - 130
1,2,3-Trichloropropane	50.0	43.4		ug/L		87	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	40.9		ug/L		82	70 - 130
1,2-Dibromoethane	50.0	43.0		ug/L		86	70 - 130
1,2-Dichlorobenzene	50.0	52.8		ug/L		106	70 - 130
1,2-Dichloroethane	50.0	58.0		ug/L		116	70 - 130
1,2-Dichloropropane	50.0	44.1		ug/L		88	70 - 130
1,4-Dichlorobenzene	50.0	51.0		ug/L		102	70 - 130
2-Butanone	250	221		ug/L		88	69 - 120
2-Hexanone	250	208		ug/L		83	70 - 130
4-Methyl-2-pentanone	250	223		ug/L		89	68 - 120
Acetone	250	263		ug/L		105	67 - 120
Acrylonitrile	500	514		ug/L		103	70 - 130
Benzene	50.0	51.8		ug/L		104	70 - 130
Bromochloromethane	50.0	61.7		ug/L		123	70 - 130
Bromodichloromethane	50.0	40.5		ug/L		81	70 - 130
Bromoform	50.0	37.2		ug/L		74	69 - 129
Bromomethane	50.0	64.0		ug/L		128	28 - 192
Carbon disulfide	50.0	58.7		ug/L		117	70 - 130
Carbon tetrachloride	50.0	44.6		ug/L		89	70 - 130
Chlorobenzene	50.0	49.5		ug/L		99	70 - 130
Chloroethane	50.0	66.5		ug/L		133	31 - 213
Chloroform	50.0	56.6		ug/L		113	70 - 130
Chloromethane	50.0	43.7		ug/L		87	59 - 127
cis-1,2-Dichloroethene	50.0	54.9		ug/L		110	70 - 130
cis-1,3-Dichloropropene	50.0	44.7		ug/L		89	70 - 130
Dibromochloromethane	50.0	38.1		ug/L		76	70 - 130
Dibromomethane	50.0	49.0		ug/L		98	70 - 130
Ethylbenzene	50.0	52.8		ug/L		106	70 - 130
Iodomethane	50.0	57.1		ug/L		114	52 - 129
m,p-Xylenes	50.0	49.9		ug/L		100	70 - 130
Methylene Chloride	50.0	53.8		ug/L		108	70 - 130
o-Xylene	50.0	51.6		ug/L		103	70 - 130
Styrene	50.0	50.0		ug/L		100	70 - 130
Tetrachloroethene	50.0	47.1		ug/L		94	70 - 130
Toluene	50.0	48.6		ug/L		97	70 - 130
trans-1,2-Dichloroethene	50.0	47.9		ug/L		96	70 - 130
trans-1,3-Dichloropropene	50.0	42.6		ug/L		85	70 - 130
trans-1,4-Dichloro-2-butene	50.0	52.5		ug/L		105	67 - 120
Trichloroethene	50.0	41.7		ug/L		83	70 - 130
Trichlorofluoromethane	50.0	60.3		ug/L		121	63 - 142
Vinyl acetate	100	86.6		ug/L		87	67 - 135
Vinyl chloride	50.0	60.6		ug/L		121	66 - 129

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCS 680-811735/3

Matrix: Water

Analysis Batch: 811735

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	102		ug/L		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		60 - 124
4-Bromofluorobenzene (Surr)	92		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: LCSD 680-811735/4

Matrix: Water

Analysis Batch: 811735

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	43.1		ug/L		86	70 - 130	6	30
1,1,1-Trichloroethane	50.0	54.3		ug/L		109	70 - 130	2	30
1,1,2,2-Tetrachloroethane	50.0	44.8		ug/L		90	70 - 130	5	30
1,1,2-Trichloroethane	50.0	48.3		ug/L		97	70 - 130	11	30
1,1-Dichloroethane	50.0	54.7		ug/L		109	70 - 130	1	30
1,1-Dichloroethene	50.0	55.7		ug/L		111	70 - 130	3	20
1,2,3-Trichloropropane	50.0	45.9		ug/L		92	70 - 130	6	30
1,2-Dibromo-3-Chloropropane	50.0	43.0		ug/L		86	70 - 130	5	30
1,2-Dibromoethane	50.0	43.9		ug/L		88	70 - 130	2	30
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 130	4	30
1,2-Dichloroethane	50.0	59.2		ug/L		118	70 - 130	2	50
1,2-Dichloropropane	50.0	43.4		ug/L		87	70 - 130	2	20
1,4-Dichlorobenzene	50.0	49.9		ug/L		100	70 - 130	2	30
2-Butanone	250	226		ug/L		90	69 - 120	2	30
2-Hexanone	250	231		ug/L		93	70 - 130	11	20
4-Methyl-2-pentanone	250	234		ug/L		94	68 - 120	5	30
Acetone	250	268		ug/L		107	67 - 120	2	30
Acrylonitrile	500	556		ug/L		111	70 - 130	8	30
Benzene	50.0	52.1		ug/L		104	70 - 130	1	30
Bromochloromethane	50.0	61.1		ug/L		122	70 - 130	1	30
Bromodichloromethane	50.0	41.2		ug/L		82	70 - 130	2	30
Bromoform	50.0	40.8		ug/L		82	69 - 129	9	30
Bromomethane	50.0	63.5		ug/L		127	28 - 192	1	30
Carbon disulfide	50.0	59.6		ug/L		119	70 - 130	2	30
Carbon tetrachloride	50.0	46.3		ug/L		93	70 - 130	4	30
Chlorobenzene	50.0	48.3		ug/L		97	70 - 130	2	30
Chloroethane	50.0	68.2		ug/L		136	31 - 213	3	30
Chloroform	50.0	57.9		ug/L		116	70 - 130	2	30
Chloromethane	50.0	44.3		ug/L		89	59 - 127	1	30
cis-1,2-Dichloroethene	50.0	56.3		ug/L		113	70 - 130	2	30
cis-1,3-Dichloropropene	50.0	41.8		ug/L		84	70 - 130	7	20
Dibromochloromethane	50.0	40.0		ug/L		80	70 - 130	5	30
Dibromomethane	50.0	52.3		ug/L		105	70 - 130	6	30
Ethylbenzene	50.0	50.9		ug/L		102	70 - 130	4	20
Iodomethane	50.0	56.2		ug/L		112	52 - 129	2	30

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCSD 680-811735/4

Matrix: Water

Analysis Batch: 811735

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	52.4		ug/L		105	70 - 130	5	30
Methylene Chloride	50.0	55.5		ug/L		111	70 - 130	3	30
o-Xylene	50.0	51.2		ug/L		102	70 - 130	1	30
Styrene	50.0	49.7		ug/L		99	70 - 130	1	30
Tetrachloroethene	50.0	47.5		ug/L		95	70 - 130	1	30
Toluene	50.0	50.2		ug/L		100	70 - 130	3	30
trans-1,2-Dichloroethene	50.0	58.6		ug/L		117	70 - 130	20	30
trans-1,3-Dichloropropene	50.0	44.3		ug/L		89	70 - 130	4	30
trans-1,4-Dichloro-2-butene	50.0	53.5		ug/L		107	67 - 120	2	30
Trichloroethene	50.0	42.6		ug/L		85	70 - 130	2	30
Trichlorofluoromethane	50.0	61.3		ug/L		123	63 - 142	2	30
Vinyl acetate	100	88.6		ug/L		89	67 - 135	2	30
Vinyl chloride	50.0	58.4		ug/L		117	66 - 129	4	30
Xylenes (total)	100	104		ug/L		104	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		60 - 124
4-Bromofluorobenzene (Surr)	91		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: MB 680-811963/8

Matrix: Water

Analysis Batch: 811963

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			12/07/23 11:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/07/23 11:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/07/23 11:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/07/23 11:50	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/07/23 11:50	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/07/23 11:50	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/07/23 11:50	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/07/23 11:50	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/07/23 11:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 11:50	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/07/23 11:50	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/07/23 11:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/07/23 11:50	1
2-Butanone	10	U	10	6.4	ug/L			12/07/23 11:50	1
2-Hexanone	10	U	10	3.2	ug/L			12/07/23 11:50	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/07/23 11:50	1
Acetone	20	U	20	3.7	ug/L			12/07/23 11:50	1
Acrylonitrile	20	U	20	5.5	ug/L			12/07/23 11:50	1
Benzene	1.0	U	1.0	0.27	ug/L			12/07/23 11:50	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/07/23 11:50	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/07/23 11:50	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/07/23 11:50	1

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: MB 680-811963/8

Matrix: Water

Analysis Batch: 811963

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			12/07/23 11:50	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/07/23 11:50	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/07/23 11:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/07/23 11:50	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/07/23 11:50	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/07/23 11:50	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/07/23 11:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/07/23 11:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/07/23 11:50	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/07/23 11:50	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/07/23 11:50	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/07/23 11:50	1
Iodomethane	10	U	10	3.9	ug/L			12/07/23 11:50	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/07/23 11:50	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/07/23 11:50	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/07/23 11:50	1
Styrene	1.0	U	1.0	0.27	ug/L			12/07/23 11:50	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/07/23 11:50	1
Toluene	1.0	U	1.0	0.25	ug/L			12/07/23 11:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/07/23 11:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/07/23 11:50	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			12/07/23 11:50	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/07/23 11:50	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/07/23 11:50	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/07/23 11:50	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/07/23 11:50	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/07/23 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		60 - 124		12/07/23 11:50	1
4-Bromofluorobenzene (Surr)	103		70 - 130		12/07/23 11:50	1
Dibromofluoromethane (Surr)	84		70 - 130		12/07/23 11:50	1
Toluene-d8 (Surr)	101		70 - 130		12/07/23 11:50	1

Lab Sample ID: LCS 680-811963/4

Matrix: Water

Analysis Batch: 811963

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	41.4		ug/L		83	70 - 130
1,1,1-Trichloroethane	50.0	53.9		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	50.0	42.5		ug/L		85	70 - 130
1,1,2-Trichloroethane	50.0	47.3		ug/L		95	70 - 130
1,1-Dichloroethane	50.0	58.0		ug/L		116	70 - 130
1,1-Dichloroethene	50.0	55.1		ug/L		110	70 - 130
1,2,3-Trichloropropane	50.0	42.3		ug/L		85	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	43.0		ug/L		86	70 - 130
1,2-Dibromoethane	50.0	44.7		ug/L		89	70 - 130

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCS 680-811963/4

Matrix: Water

Analysis Batch: 811963

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	52.2		ug/L		104	70 - 130
1,2-Dichloroethane	50.0	59.4		ug/L		119	70 - 130
1,2-Dichloropropane	50.0	44.1		ug/L		88	70 - 130
1,4-Dichlorobenzene	50.0	49.1		ug/L		98	70 - 130
2-Butanone	250	213		ug/L		85	69 - 120
2-Hexanone	250	227		ug/L		91	70 - 130
4-Methyl-2-pentanone	250	228		ug/L		91	68 - 120
Acetone	250	271		ug/L		109	67 - 120
Acrylonitrile	500	555		ug/L		111	70 - 130
Benzene	50.0	51.5		ug/L		103	70 - 130
Bromochloromethane	50.0	62.6		ug/L		125	70 - 130
Bromodichloromethane	50.0	41.5		ug/L		83	70 - 130
Bromoform	50.0	37.0		ug/L		74	69 - 129
Bromomethane	50.0	64.2		ug/L		128	28 - 192
Carbon disulfide	50.0	59.9		ug/L		120	70 - 130
Carbon tetrachloride	50.0	45.7		ug/L		91	70 - 130
Chlorobenzene	50.0	49.1		ug/L		98	70 - 130
Chloroethane	50.0	65.6		ug/L		131	31 - 213
Chloroform	50.0	57.4		ug/L		115	70 - 130
Chloromethane	50.0	45.9		ug/L		92	59 - 127
cis-1,2-Dichloroethene	50.0	55.1		ug/L		110	70 - 130
cis-1,3-Dichloropropene	50.0	43.7		ug/L		87	70 - 130
Dibromochloromethane	50.0	40.5		ug/L		81	70 - 130
Dibromomethane	50.0	52.1		ug/L		104	70 - 130
Ethylbenzene	50.0	51.7		ug/L		103	70 - 130
Iodomethane	50.0	55.2		ug/L		110	52 - 129
m,p-Xylenes	50.0	49.2		ug/L		98	70 - 130
Methylene Chloride	50.0	56.7		ug/L		113	70 - 130
o-Xylene	50.0	49.6		ug/L		99	70 - 130
Styrene	50.0	49.0		ug/L		98	70 - 130
Tetrachloroethene	50.0	45.9		ug/L		92	70 - 130
Toluene	50.0	51.2		ug/L		102	70 - 130
trans-1,2-Dichloroethene	50.0	59.0		ug/L		118	70 - 130
trans-1,3-Dichloropropene	50.0	44.2		ug/L		88	70 - 130
trans-1,4-Dichloro-2-butene	50.0	48.6		ug/L		97	67 - 120
Trichloroethene	50.0	42.1		ug/L		84	70 - 130
Trichlorofluoromethane	50.0	62.9		ug/L		126	63 - 142
Vinyl acetate	100	87.9		ug/L		88	67 - 135
Vinyl chloride	50.0	59.8		ug/L		120	66 - 129
Xylenes (total)	100	98.8		ug/L		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		60 - 124
4-Bromofluorobenzene (Surr)	95		70 - 130
Dibromofluoromethane (Surr)	107		70 - 130
Toluene-d8 (Surr)	97		70 - 130

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCSD 680-811963/5

Matrix: Water

Analysis Batch: 811963

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	42.6		ug/L		85	70 - 130	3	30
1,1,1-Trichloroethane	50.0	51.1		ug/L		102	70 - 130	5	30
1,1,2,2-Tetrachloroethane	50.0	45.5		ug/L		91	70 - 130	7	30
1,1,2-Trichloroethane	50.0	45.9		ug/L		92	70 - 130	3	30
1,1-Dichloroethane	50.0	54.1		ug/L		108	70 - 130	7	30
1,1-Dichloroethene	50.0	50.5		ug/L		101	70 - 130	9	20
1,2,3-Trichloropropane	50.0	44.9		ug/L		90	70 - 130	6	30
1,2-Dibromo-3-Chloropropane	50.0	41.5		ug/L		83	70 - 130	4	30
1,2-Dibromoethane	50.0	46.7		ug/L		93	70 - 130	4	30
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 130	2	30
1,2-Dichloroethane	50.0	59.4		ug/L		119	70 - 130	0	50
1,2-Dichloropropane	50.0	43.1		ug/L		86	70 - 130	2	20
1,4-Dichlorobenzene	50.0	50.2		ug/L		100	70 - 130	2	30
2-Butanone	250	217		ug/L		87	69 - 120	2	30
2-Hexanone	250	233		ug/L		93	70 - 130	2	20
4-Methyl-2-pentanone	250	245		ug/L		98	68 - 120	7	30
Acetone	250	264		ug/L		106	67 - 120	3	30
Acrylonitrile	500	546		ug/L		109	70 - 130	2	30
Benzene	50.0	51.1		ug/L		102	70 - 130	1	30
Bromochloromethane	50.0	61.4		ug/L		123	70 - 130	2	30
Bromodichloromethane	50.0	41.9		ug/L		84	70 - 130	1	30
Bromoform	50.0	38.0		ug/L		76	69 - 129	3	30
Bromomethane	50.0	60.4		ug/L		121	28 - 192	6	30
Carbon disulfide	50.0	55.0		ug/L		110	70 - 130	8	30
Carbon tetrachloride	50.0	43.9		ug/L		88	70 - 130	4	30
Chlorobenzene	50.0	48.8		ug/L		98	70 - 130	0	30
Chloroethane	50.0	64.2		ug/L		128	31 - 213	2	30
Chloroform	50.0	56.4		ug/L		113	70 - 130	2	30
Chloromethane	50.0	42.9		ug/L		86	59 - 127	7	30
cis-1,2-Dichloroethene	50.0	53.7		ug/L		107	70 - 130	3	30
cis-1,3-Dichloropropene	50.0	43.8		ug/L		88	70 - 130	0	20
Dibromochloromethane	50.0	40.9		ug/L		82	70 - 130	1	30
Dibromomethane	50.0	50.3		ug/L		101	70 - 130	4	30
Ethylbenzene	50.0	50.9		ug/L		102	70 - 130	2	20
Iodomethane	50.0	52.7		ug/L		105	52 - 129	5	30
m,p-Xylenes	50.0	50.6		ug/L		101	70 - 130	3	30
Methylene Chloride	50.0	53.3		ug/L		107	70 - 130	6	30
o-Xylene	50.0	50.6		ug/L		101	70 - 130	2	30
Styrene	50.0	49.7		ug/L		99	70 - 130	1	30
Tetrachloroethene	50.0	45.2		ug/L		90	70 - 130	2	30
Toluene	50.0	49.4		ug/L		99	70 - 130	4	30
trans-1,2-Dichloroethene	50.0	55.4		ug/L		111	70 - 130	6	30
trans-1,3-Dichloropropene	50.0	43.4		ug/L		87	70 - 130	2	30
trans-1,4-Dichloro-2-butene	50.0	45.9		ug/L		92	67 - 120	6	30
Trichloroethene	50.0	39.1		ug/L		78	70 - 130	7	30
Trichlorofluoromethane	50.0	59.5		ug/L		119	63 - 142	5	30
Vinyl acetate	100	89.3		ug/L		89	67 - 135	2	30
Vinyl chloride	50.0	55.4		ug/L		111	66 - 129	8	30

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCSD 680-811963/5

Matrix: Water

Analysis Batch: 811963

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	101		ug/L		101	70 - 130	2	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	111		60 - 124						
4-Bromofluorobenzene (Surr)	94		70 - 130						
Dibromofluoromethane (Surr)	102		70 - 130						
Toluene-d8 (Surr)	99		70 - 130						

Lab Sample ID: MB 680-812245/9

Matrix: Water

Analysis Batch: 812245

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			12/08/23 13:27	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/08/23 13:27	1
1,1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/08/23 13:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/08/23 13:27	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/08/23 13:27	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/08/23 13:27	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/08/23 13:27	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/08/23 13:27	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/08/23 13:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/08/23 13:27	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/08/23 13:27	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/08/23 13:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/08/23 13:27	1
2-Butanone	10	U	10	6.4	ug/L			12/08/23 13:27	1
2-Hexanone	10	U	10	3.2	ug/L			12/08/23 13:27	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/08/23 13:27	1
Acetone	20	U	20	3.7	ug/L			12/08/23 13:27	1
Acrylonitrile	20	U	20	5.5	ug/L			12/08/23 13:27	1
Benzene	1.0	U	1.0	0.27	ug/L			12/08/23 13:27	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/08/23 13:27	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/08/23 13:27	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/08/23 13:27	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/08/23 13:27	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/08/23 13:27	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/08/23 13:27	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/08/23 13:27	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/08/23 13:27	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/08/23 13:27	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/08/23 13:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/08/23 13:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/08/23 13:27	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/08/23 13:27	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/08/23 13:27	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/08/23 13:27	1
Iodomethane	10	U	10	3.9	ug/L			12/08/23 13:27	1

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: MB 680-812245/9

Matrix: Water

Analysis Batch: 812245

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			12/08/23 13:27	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/08/23 13:27	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/08/23 13:27	1
Styrene	1.0	U	1.0	0.27	ug/L			12/08/23 13:27	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/08/23 13:27	1
Toluene	1.0	U	1.0	0.25	ug/L			12/08/23 13:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/08/23 13:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/08/23 13:27	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			12/08/23 13:27	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/08/23 13:27	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/08/23 13:27	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/08/23 13:27	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/08/23 13:27	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/08/23 13:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		12/08/23 13:27	1
4-Bromofluorobenzene (Surr)	104		70 - 130		12/08/23 13:27	1
Dibromofluoromethane (Surr)	90		70 - 130		12/08/23 13:27	1
Toluene-d8 (Surr)	106		70 - 130		12/08/23 13:27	1

Lab Sample ID: LCS 680-812245/5

Matrix: Water

Analysis Batch: 812245

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	49.0		ug/L		98	70 - 130
1,1,1-Trichloroethane	50.0	43.7		ug/L		87	70 - 130
1,1,2,2-Tetrachloroethane	50.0	52.0		ug/L		104	70 - 130
1,1,2-Trichloroethane	50.0	39.7		ug/L		79	70 - 130
1,1-Dichloroethane	50.0	45.5		ug/L		91	70 - 130
1,1-Dichloroethene	50.0	47.3		ug/L		95	70 - 130
1,2,3-Trichloropropane	50.0	46.4		ug/L		93	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	43.4		ug/L		87	70 - 130
1,2-Dibromoethane	50.0	39.9		ug/L		80	70 - 130
1,2-Dichlorobenzene	50.0	52.8		ug/L		106	70 - 130
1,2-Dichloroethane	50.0	45.0		ug/L		90	70 - 130
1,2-Dichloropropane	50.0	47.5		ug/L		95	70 - 130
1,4-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 130
2-Butanone	250	184		ug/L		74	69 - 120
2-Hexanone	250	185		ug/L		74	70 - 130
4-Methyl-2-pentanone	250	187		ug/L		75	68 - 120
Acetone	250	197		ug/L		79	67 - 120
Acrylonitrile	500	422		ug/L		84	70 - 130
Benzene	50.0	44.5		ug/L		89	70 - 130
Bromochloromethane	50.0	43.8		ug/L		88	70 - 130
Bromodichloromethane	50.0	45.1		ug/L		90	70 - 130
Bromoform	50.0	42.2		ug/L		84	69 - 129

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCS 680-812245/5

Matrix: Water

Analysis Batch: 812245

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	35.0		ug/L		70	28 - 192
Carbon disulfide	50.0	44.9		ug/L		90	70 - 130
Carbon tetrachloride	50.0	44.8		ug/L		90	70 - 130
Chlorobenzene	50.0	48.3		ug/L		97	70 - 130
Chloroethane	50.0	40.6		ug/L		81	31 - 213
Chloroform	50.0	42.1		ug/L		84	70 - 130
Chloromethane	50.0	44.6		ug/L		89	59 - 127
cis-1,2-Dichloroethene	50.0	47.8		ug/L		96	70 - 130
cis-1,3-Dichloropropene	50.0	47.8		ug/L		96	70 - 130
Dibromochloromethane	50.0	38.3		ug/L		77	70 - 130
Dibromomethane	50.0	45.0		ug/L		90	70 - 130
Ethylbenzene	50.0	49.3		ug/L		99	70 - 130
Iodomethane	50.0	40.9		ug/L		82	52 - 129
m,p-Xylenes	50.0	48.9		ug/L		98	70 - 130
Methylene Chloride	50.0	45.1		ug/L		90	70 - 130
o-Xylene	50.0	50.1		ug/L		100	70 - 130
Styrene	50.0	51.0		ug/L		102	70 - 130
Tetrachloroethene	50.0	40.2		ug/L		80	70 - 130
Toluene	50.0	43.5		ug/L		87	70 - 130
trans-1,2-Dichloroethene	50.0	46.5		ug/L		93	70 - 130
trans-1,3-Dichloropropene	50.0	40.5		ug/L		81	70 - 130
trans-1,4-Dichloro-2-butene	50.0	48.3		ug/L		97	67 - 120
Trichloroethene	50.0	42.4		ug/L		85	70 - 130
Trichlorofluoromethane	50.0	40.9		ug/L		82	63 - 142
Vinyl acetate	100	89.7		ug/L		90	67 - 135
Vinyl chloride	50.0	45.2		ug/L		90	66 - 129
Xylenes (total)	100	99.0		ug/L		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		60 - 124
4-Bromofluorobenzene (Surr)	104		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 680-812245/6

Matrix: Water

Analysis Batch: 812245

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	49.9		ug/L		100	70 - 130	2	30
1,1,1-Trichloroethane	50.0	43.2		ug/L		86	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	55.0		ug/L		110	70 - 130	6	30
1,1,2-Trichloroethane	50.0	40.1		ug/L		80	70 - 130	1	30
1,1-Dichloroethane	50.0	45.2		ug/L		90	70 - 130	1	30
1,1-Dichloroethene	50.0	46.7		ug/L		93	70 - 130	1	20
1,2,3-Trichloropropane	50.0	49.0		ug/L		98	70 - 130	5	30
1,2-Dibromo-3-Chloropropane	50.0	45.1		ug/L		90	70 - 130	4	30
1,2-Dibromoethane	50.0	40.9		ug/L		82	70 - 130	2	30

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCSD 680-812245/6

Matrix: Water

Analysis Batch: 812245

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-Dichlorobenzene	50.0	53.1		ug/L		106	70 - 130	1	30
1,2-Dichloroethane	50.0	45.4		ug/L		91	70 - 130	1	50
1,2-Dichloropropane	50.0	47.0		ug/L		94	70 - 130	1	20
1,4-Dichlorobenzene	50.0	49.9		ug/L		100	70 - 130	1	30
2-Butanone	250	188		ug/L		75	69 - 120	2	30
2-Hexanone	250	188		ug/L		75	70 - 130	2	20
4-Methyl-2-pentanone	250	193		ug/L		77	68 - 120	3	30
Acetone	250	201		ug/L		80	67 - 120	2	30
Acrylonitrile	500	430		ug/L		86	70 - 130	2	30
Benzene	50.0	44.4		ug/L		89	70 - 130	0	30
Bromochloromethane	50.0	44.6		ug/L		89	70 - 130	2	30
Bromodichloromethane	50.0	45.2		ug/L		90	70 - 130	0	30
Bromoform	50.0	42.1		ug/L		84	69 - 129	0	30
Bromomethane	50.0	34.7		ug/L		69	28 - 192	1	30
Carbon disulfide	50.0	44.5		ug/L		89	70 - 130	1	30
Carbon tetrachloride	50.0	43.2		ug/L		86	70 - 130	4	30
Chlorobenzene	50.0	47.8		ug/L		96	70 - 130	1	30
Chloroethane	50.0	38.4		ug/L		77	31 - 213	6	30
Chloroform	50.0	43.3		ug/L		87	70 - 130	3	30
Chloromethane	50.0	42.1		ug/L		84	59 - 127	6	30
cis-1,2-Dichloroethene	50.0	44.7		ug/L		89	70 - 130	7	30
cis-1,3-Dichloropropene	50.0	47.1		ug/L		94	70 - 130	2	20
Dibromochloromethane	50.0	38.4		ug/L		77	70 - 130	0	30
Dibromomethane	50.0	45.0		ug/L		90	70 - 130	0	30
Ethylbenzene	50.0	49.7		ug/L		99	70 - 130	1	20
Iodomethane	50.0	40.6		ug/L		81	52 - 129	1	30
m,p-Xylenes	50.0	49.2		ug/L		98	70 - 130	1	30
Methylene Chloride	50.0	45.3		ug/L		91	70 - 130	0	30
o-Xylene	50.0	49.8		ug/L		100	70 - 130	1	30
Styrene	50.0	50.9		ug/L		102	70 - 130	0	30
Tetrachloroethene	50.0	40.4		ug/L		81	70 - 130	1	30
Toluene	50.0	42.6		ug/L		85	70 - 130	2	30
trans-1,2-Dichloroethene	50.0	45.8		ug/L		92	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	40.0		ug/L		80	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	48.8		ug/L		98	67 - 120	1	30
Trichloroethene	50.0	43.2		ug/L		86	70 - 130	2	30
Trichlorofluoromethane	50.0	44.8		ug/L		90	63 - 142	9	30
Vinyl acetate	100	89.5		ug/L		90	67 - 135	0	30
Vinyl chloride	50.0	43.8		ug/L		88	66 - 129	3	30
Xylenes (total)	100	99.0		ug/L		99	70 - 130	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		60 - 124
4-Bromofluorobenzene (Surr)	108		70 - 130
Dibromofluoromethane (Surr)	88		70 - 130
Toluene-d8 (Surr)	101		70 - 130

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: MB 680-812603/7

Matrix: Water

Analysis Batch: 812603

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			12/11/23 13:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/11/23 13:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/11/23 13:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/11/23 13:42	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/11/23 13:42	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/11/23 13:42	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/11/23 13:42	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/11/23 13:42	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/11/23 13:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/11/23 13:42	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/11/23 13:42	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/11/23 13:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/11/23 13:42	1
2-Butanone	10	U	10	6.4	ug/L			12/11/23 13:42	1
2-Hexanone	10	U	10	3.2	ug/L			12/11/23 13:42	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/11/23 13:42	1
Acetone	20	U	20	3.7	ug/L			12/11/23 13:42	1
Acrylonitrile	20	U	20	5.5	ug/L			12/11/23 13:42	1
Benzene	1.0	U	1.0	0.27	ug/L			12/11/23 13:42	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/11/23 13:42	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/11/23 13:42	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/11/23 13:42	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/11/23 13:42	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/11/23 13:42	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/11/23 13:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/11/23 13:42	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/11/23 13:42	1
Chloroform	0.354	J	1.0	0.27	ug/L			12/11/23 13:42	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/11/23 13:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/11/23 13:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/11/23 13:42	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/11/23 13:42	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/11/23 13:42	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/11/23 13:42	1
Iodomethane	10	U	10	3.9	ug/L			12/11/23 13:42	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/11/23 13:42	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/11/23 13:42	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/11/23 13:42	1
Styrene	1.0	U	1.0	0.27	ug/L			12/11/23 13:42	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/11/23 13:42	1
Toluene	1.0	U	1.0	0.25	ug/L			12/11/23 13:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/11/23 13:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/11/23 13:42	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			12/11/23 13:42	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/11/23 13:42	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/11/23 13:42	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/11/23 13:42	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/11/23 13:42	1

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: MB 680-812603/7

Matrix: Water

Analysis Batch: 812603

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			12/11/23 13:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		60 - 124		12/11/23 13:42	1
4-Bromofluorobenzene (Surr)	83		70 - 130		12/11/23 13:42	1
Dibromofluoromethane (Surr)	115		70 - 130		12/11/23 13:42	1
Toluene-d8 (Surr)	98		70 - 130		12/11/23 13:42	1

Lab Sample ID: LCS 680-812603/3

Matrix: Water

Analysis Batch: 812603

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	55.7		ug/L		111	70 - 130
1,1,1-Trichloroethane	50.0	54.8		ug/L		110	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	53.0		ug/L		106	70 - 130
1,1,2-Trichloroethane	50.0	54.3		ug/L		109	70 - 130
1,1-Dichloroethane	50.0	53.4		ug/L		107	70 - 130
1,1-Dichloroethene	50.0	54.4		ug/L		109	70 - 130
1,2,3-Trichloropropane	50.0	56.4		ug/L		113	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	42.3		ug/L		85	70 - 130
1,2-Dibromoethane	50.0	55.2		ug/L		110	70 - 130
1,2-Dichlorobenzene	50.0	51.9		ug/L		104	70 - 130
1,2-Dichloroethane	50.0	52.9		ug/L		106	70 - 130
1,2-Dichloropropane	50.0	53.6		ug/L		107	70 - 130
1,4-Dichlorobenzene	50.0	52.3		ug/L		105	70 - 130
2-Butanone	250	266		ug/L		107	69 - 120
2-Hexanone	250	271		ug/L		109	70 - 130
4-Methyl-2-pentanone	250	269		ug/L		107	68 - 120
Acetone	250	274		ug/L		110	67 - 120
Acrylonitrile	500	533		ug/L		107	70 - 130
Benzene	50.0	52.6		ug/L		105	70 - 130
Bromochloromethane	50.0	54.6		ug/L		109	70 - 130
Bromodichloromethane	50.0	49.3		ug/L		99	70 - 130
Bromoform	50.0	53.5		ug/L		107	69 - 129
Bromomethane	50.0	51.7		ug/L		103	28 - 192
Carbon disulfide	50.0	51.9		ug/L		104	70 - 130
Carbon tetrachloride	50.0	50.7		ug/L		101	70 - 130
Chlorobenzene	50.0	52.0		ug/L		104	70 - 130
Chloroethane	50.0	53.0		ug/L		106	31 - 213
Chloroform	50.0	53.4		ug/L		107	70 - 130
Chloromethane	50.0	53.0		ug/L		106	59 - 127
cis-1,2-Dichloroethene	50.0	53.2		ug/L		106	70 - 130
cis-1,3-Dichloropropene	50.0	55.7		ug/L		111	70 - 130
Dibromochloromethane	50.0	50.2		ug/L		100	70 - 130
Dibromomethane	50.0	54.8		ug/L		110	70 - 130
Ethylbenzene	50.0	51.8		ug/L		104	70 - 130
Iodomethane	50.0	51.0		ug/L		102	52 - 129

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCS 680-812603/3

Matrix: Water

Analysis Batch: 812603

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	52.0		ug/L		104	70 - 130
Methylene Chloride	50.0	52.3		ug/L		105	70 - 130
o-Xylene	50.0	53.5		ug/L		107	70 - 130
Styrene	50.0	55.4		ug/L		111	70 - 130
Tetrachloroethene	50.0	54.4		ug/L		109	70 - 130
Toluene	50.0	52.5		ug/L		105	70 - 130
trans-1,2-Dichloroethene	50.0	53.9		ug/L		108	70 - 130
trans-1,3-Dichloropropene	50.0	56.8		ug/L		114	70 - 130
trans-1,4-Dichloro-2-butene	50.0	55.0		ug/L		110	67 - 120
Trichloroethene	50.0	54.3		ug/L		109	70 - 130
Trichlorofluoromethane	50.0	57.2		ug/L		114	63 - 142
Vinyl acetate	100	114		ug/L		114	67 - 135
Vinyl chloride	50.0	54.2		ug/L		108	66 - 129
Xylenes (total)	100	106		ug/L		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		60 - 124
4-Bromofluorobenzene (Surr)	95		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: LCSD 680-812603/4

Matrix: Water

Analysis Batch: 812603

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	56.0		ug/L		112	70 - 130	1	30
1,1,1-Trichloroethane	50.0	54.8		ug/L		110	70 - 130	0	30
1,1,2,2-Tetrachloroethane	50.0	53.9		ug/L		108	70 - 130	2	30
1,1,2-Trichloroethane	50.0	56.0		ug/L		112	70 - 130	3	30
1,1-Dichloroethane	50.0	53.3		ug/L		107	70 - 130	0	30
1,1-Dichloroethene	50.0	53.7		ug/L		107	70 - 130	1	20
1,2,3-Trichloropropane	50.0	57.5		ug/L		115	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	50.0	43.5		ug/L		87	70 - 130	3	30
1,2-Dibromoethane	50.0	56.4		ug/L		113	70 - 130	2	30
1,2-Dichlorobenzene	50.0	51.2		ug/L		102	70 - 130	1	30
1,2-Dichloroethane	50.0	53.8		ug/L		108	70 - 130	2	50
1,2-Dichloropropane	50.0	53.8		ug/L		108	70 - 130	0	20
1,4-Dichlorobenzene	50.0	51.7		ug/L		103	70 - 130	1	30
2-Butanone	250	287		ug/L		115	69 - 120	8	30
2-Hexanone	250	282		ug/L		113	70 - 130	4	20
4-Methyl-2-pentanone	250	280		ug/L		112	68 - 120	4	30
Acetone	250	287		ug/L		115	67 - 120	4	30
Acrylonitrile	500	549		ug/L		110	70 - 130	3	30
Benzene	50.0	52.5		ug/L		105	70 - 130	0	30
Bromochloromethane	50.0	55.7		ug/L		111	70 - 130	2	30
Bromodichloromethane	50.0	50.5		ug/L		101	70 - 130	2	30
Bromoform	50.0	54.9		ug/L		110	69 - 129	3	30

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCSD 680-812603/4

Matrix: Water

Analysis Batch: 812603

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	52.9		ug/L		106	28 - 192	2	30
Carbon disulfide	50.0	51.6		ug/L		103	70 - 130	0	30
Carbon tetrachloride	50.0	50.4		ug/L		101	70 - 130	1	30
Chlorobenzene	50.0	51.9		ug/L		104	70 - 130	0	30
Chloroethane	50.0	51.9		ug/L		104	31 - 213	2	30
Chloroform	50.0	53.7		ug/L		107	70 - 130	1	30
Chloromethane	50.0	51.6		ug/L		103	59 - 127	3	30
cis-1,2-Dichloroethene	50.0	52.6		ug/L		105	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	56.6		ug/L		113	70 - 130	2	20
Dibromochloromethane	50.0	51.3		ug/L		103	70 - 130	2	30
Dibromomethane	50.0	55.5		ug/L		111	70 - 130	1	30
Ethylbenzene	50.0	52.0		ug/L		104	70 - 130	0	20
Iodomethane	50.0	51.0		ug/L		102	52 - 129	0	30
m,p-Xylenes	50.0	52.5		ug/L		105	70 - 130	1	30
Methylene Chloride	50.0	52.3		ug/L		105	70 - 130	0	30
o-Xylene	50.0	53.5		ug/L		107	70 - 130	0	30
Styrene	50.0	55.6		ug/L		111	70 - 130	0	30
Tetrachloroethene	50.0	54.4		ug/L		109	70 - 130	0	30
Toluene	50.0	53.0		ug/L		106	70 - 130	1	30
trans-1,2-Dichloroethene	50.0	54.1		ug/L		108	70 - 130	0	30
trans-1,3-Dichloropropene	50.0	57.6		ug/L		115	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	56.6		ug/L		113	67 - 120	3	30
Trichloroethene	50.0	53.8		ug/L		108	70 - 130	1	30
Trichlorofluoromethane	50.0	57.2		ug/L		114	63 - 142	0	30
Vinyl acetate	100	116		ug/L		116	67 - 135	1	30
Vinyl chloride	50.0	53.3		ug/L		107	66 - 129	2	30
Xylenes (total)	100	106		ug/L		106	70 - 130	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		60 - 124
4-Bromofluorobenzene (Surr)	97		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: MB 680-812707/8

Matrix: Water

Analysis Batch: 812707

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			12/11/23 18:57	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/11/23 18:57	1
1,1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/11/23 18:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/11/23 18:57	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/11/23 18:57	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/11/23 18:57	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/11/23 18:57	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/11/23 18:57	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/11/23 18:57	1

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: MB 680-812707/8

Matrix: Water

Analysis Batch: 812707

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			12/11/23 18:57	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/11/23 18:57	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/11/23 18:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/11/23 18:57	1
2-Butanone	10	U	10	6.4	ug/L			12/11/23 18:57	1
2-Hexanone	10	U	10	3.2	ug/L			12/11/23 18:57	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/11/23 18:57	1
Acetone	20	U	20	3.7	ug/L			12/11/23 18:57	1
Acrylonitrile	20	U	20	5.5	ug/L			12/11/23 18:57	1
Benzene	1.0	U	1.0	0.27	ug/L			12/11/23 18:57	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/11/23 18:57	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/11/23 18:57	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/11/23 18:57	1
Bromomethane	5.0	U	5.0	3.7	ug/L			12/11/23 18:57	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/11/23 18:57	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/11/23 18:57	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/11/23 18:57	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/11/23 18:57	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/11/23 18:57	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/11/23 18:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/11/23 18:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/11/23 18:57	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/11/23 18:57	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/11/23 18:57	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/11/23 18:57	1
Iodomethane	10	U	10	3.9	ug/L			12/11/23 18:57	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/11/23 18:57	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/11/23 18:57	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/11/23 18:57	1
Styrene	1.0	U	1.0	0.27	ug/L			12/11/23 18:57	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/11/23 18:57	1
Toluene	1.0	U	1.0	0.25	ug/L			12/11/23 18:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/11/23 18:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/11/23 18:57	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			12/11/23 18:57	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/11/23 18:57	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/11/23 18:57	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/11/23 18:57	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/11/23 18:57	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/11/23 18:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		60 - 124		12/11/23 18:57	1
4-Bromofluorobenzene (Surr)	104		70 - 130		12/11/23 18:57	1
Dibromofluoromethane (Surr)	83		70 - 130		12/11/23 18:57	1
Toluene-d8 (Surr)	98		70 - 130		12/11/23 18:57	1

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCS 680-812707/4

Matrix: Water

Analysis Batch: 812707

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	42.0		ug/L		84	70 - 130
1,1,1-Trichloroethane	50.0	53.8		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	50.0	44.3		ug/L		89	70 - 130
1,1,2-Trichloroethane	50.0	48.6		ug/L		97	70 - 130
1,1-Dichloroethane	50.0	49.0		ug/L		98	70 - 130
1,1-Dichloroethene	50.0	46.0		ug/L		92	70 - 130
1,2,3-Trichloropropane	50.0	44.7		ug/L		89	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	42.3		ug/L		85	70 - 130
1,2-Dibromoethane	50.0	43.2		ug/L		86	70 - 130
1,2-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 130
1,2-Dichloroethane	50.0	55.9		ug/L		112	70 - 130
1,2-Dichloropropane	50.0	46.9		ug/L		94	70 - 130
1,4-Dichlorobenzene	50.0	49.5		ug/L		99	70 - 130
2-Butanone	250	230		ug/L		92	69 - 120
2-Hexanone	250	229		ug/L		92	70 - 130
4-Methyl-2-pentanone	250	242		ug/L		97	68 - 120
Acetone	250	253		ug/L		101	67 - 120
Acrylonitrile	500	506		ug/L		101	70 - 130
Benzene	50.0	53.2		ug/L		106	70 - 130
Bromochloromethane	50.0	57.5		ug/L		115	70 - 130
Bromodichloromethane	50.0	42.9		ug/L		86	70 - 130
Bromoform	50.0	37.8		ug/L		76	69 - 129
Bromomethane	50.0	58.4		ug/L		117	28 - 192
Carbon disulfide	50.0	49.8		ug/L		100	70 - 130
Carbon tetrachloride	50.0	45.7		ug/L		91	70 - 130
Chlorobenzene	50.0	45.4		ug/L		91	70 - 130
Chloroethane	50.0	57.9		ug/L		116	31 - 213
Chloroform	50.0	50.7		ug/L		101	70 - 130
Chloromethane	50.0	59.1		ug/L		118	59 - 127
cis-1,2-Dichloroethene	50.0	46.9		ug/L		94	70 - 130
cis-1,3-Dichloropropene	50.0	43.8		ug/L		88	70 - 130
Dibromochloromethane	50.0	38.5		ug/L		77	70 - 130
Dibromomethane	50.0	47.5		ug/L		95	70 - 130
Ethylbenzene	50.0	47.9		ug/L		96	70 - 130
Iodomethane	50.0	44.3		ug/L		89	52 - 129
m,p-Xylenes	50.0	46.4		ug/L		93	70 - 130
Methylene Chloride	50.0	47.6		ug/L		95	70 - 130
o-Xylene	50.0	45.0		ug/L		90	70 - 130
Styrene	50.0	44.8		ug/L		90	70 - 130
Tetrachloroethene	50.0	45.2		ug/L		90	70 - 130
Toluene	50.0	47.9		ug/L		96	70 - 130
trans-1,2-Dichloroethene	50.0	50.7		ug/L		101	70 - 130
trans-1,3-Dichloropropene	50.0	44.6		ug/L		89	70 - 130
trans-1,4-Dichloro-2-butene	50.0	47.2		ug/L		94	67 - 120
Trichloroethene	50.0	42.6		ug/L		85	70 - 130
Trichlorofluoromethane	50.0	51.0		ug/L		102	63 - 142
Vinyl acetate	100	95.1		ug/L		95	67 - 135
Vinyl chloride	50.0	55.6		ug/L		111	66 - 129

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCS 680-812707/4

Matrix: Water

Analysis Batch: 812707

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	91.4		ug/L		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		60 - 124
4-Bromofluorobenzene (Surr)	93		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130
Toluene-d8 (Surr)	91		70 - 130

Lab Sample ID: LCSD 680-812707/5

Matrix: Water

Analysis Batch: 812707

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	42.9		ug/L		86	70 - 130	2	30
1,1,1-Trichloroethane	50.0	51.6		ug/L		103	70 - 130	4	30
1,1,2,2-Tetrachloroethane	50.0	44.9		ug/L		90	70 - 130	1	30
1,1,2-Trichloroethane	50.0	48.0		ug/L		96	70 - 130	1	30
1,1-Dichloroethane	50.0	51.0		ug/L		102	70 - 130	4	30
1,1-Dichloroethene	50.0	44.4		ug/L		89	70 - 130	3	20
1,2,3-Trichloropropane	50.0	46.5		ug/L		93	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	50.0	42.6		ug/L		85	70 - 130	1	30
1,2-Dibromoethane	50.0	46.2		ug/L		92	70 - 130	7	30
1,2-Dichlorobenzene	50.0	49.9		ug/L		100	70 - 130	1	30
1,2-Dichloroethane	50.0	56.2		ug/L		112	70 - 130	1	50
1,2-Dichloropropane	50.0	45.2		ug/L		90	70 - 130	4	20
1,4-Dichlorobenzene	50.0	50.1		ug/L		100	70 - 130	1	30
2-Butanone	250	226		ug/L		91	69 - 120	2	30
2-Hexanone	250	238		ug/L		95	70 - 130	4	20
4-Methyl-2-pentanone	250	249		ug/L		100	68 - 120	3	30
Acetone	250	268		ug/L		107	67 - 120	6	30
Acrylonitrile	500	520		ug/L		104	70 - 130	3	30
Benzene	50.0	50.9		ug/L		102	70 - 130	4	30
Bromochloromethane	50.0	56.8		ug/L		114	70 - 130	1	30
Bromodichloromethane	50.0	42.7		ug/L		85	70 - 130	0	30
Bromoform	50.0	37.7		ug/L		75	69 - 129	0	30
Bromomethane	50.0	57.4		ug/L		115	28 - 192	2	30
Carbon disulfide	50.0	49.2		ug/L		98	70 - 130	1	30
Carbon tetrachloride	50.0	45.6		ug/L		91	70 - 130	0	30
Chlorobenzene	50.0	46.9		ug/L		94	70 - 130	3	30
Chloroethane	50.0	52.7		ug/L		105	31 - 213	9	30
Chloroform	50.0	50.4		ug/L		101	70 - 130	1	30
Chloromethane	50.0	59.0		ug/L		118	59 - 127	0	30
cis-1,2-Dichloroethene	50.0	49.8		ug/L		100	70 - 130	6	30
cis-1,3-Dichloropropene	50.0	44.8		ug/L		90	70 - 130	2	20
Dibromochloromethane	50.0	40.2		ug/L		80	70 - 130	4	30
Dibromomethane	50.0	47.1		ug/L		94	70 - 130	1	30
Ethylbenzene	50.0	47.5		ug/L		95	70 - 130	1	20
Iodomethane	50.0	42.6		ug/L		85	52 - 129	4	30

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCSD 680-812707/5

Matrix: Water

Analysis Batch: 812707

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	45.9		ug/L		92	70 - 130	1	30
Methylene Chloride	50.0	48.3		ug/L		97	70 - 130	1	30
o-Xylene	50.0	46.4		ug/L		93	70 - 130	3	30
Styrene	50.0	44.9		ug/L		90	70 - 130	0	30
Tetrachloroethene	50.0	44.4		ug/L		89	70 - 130	2	30
Toluene	50.0	44.3		ug/L		89	70 - 130	8	30
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	70 - 130	3	30
trans-1,3-Dichloropropene	50.0	44.1		ug/L		88	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	49.9		ug/L		100	67 - 120	5	30
Trichloroethene	50.0	40.2		ug/L		80	70 - 130	6	30
Trichlorofluoromethane	50.0	50.4		ug/L		101	63 - 142	1	30
Vinyl acetate	100	94.6		ug/L		95	67 - 135	0	30
Vinyl chloride	50.0	52.4		ug/L		105	66 - 129	6	30
Xylenes (total)	100	92.3		ug/L		92	70 - 130	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		60 - 124
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	91		70 - 130
Toluene-d8 (Surr)	90		70 - 130

Lab Sample ID: MB 680-812813/8

Matrix: Water

Analysis Batch: 812813

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			12/12/23 13:47	1
1,1,1-Trichloroethane	1.0	U	1.0	0.21	ug/L			12/12/23 13:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.40	ug/L			12/12/23 13:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.32	ug/L			12/12/23 13:47	1
1,1-Dichloroethane	1.0	U	1.0	0.33	ug/L			12/12/23 13:47	1
1,1-Dichloroethene	1.0	U	1.0	0.33	ug/L			12/12/23 13:47	1
1,2,3-Trichloropropane	1.0	U	1.0	0.48	ug/L			12/12/23 13:47	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.8	ug/L			12/12/23 13:47	1
1,2-Dibromoethane	1.0	U	1.0	0.33	ug/L			12/12/23 13:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.31	ug/L			12/12/23 13:47	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			12/12/23 13:47	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			12/12/23 13:47	1
1,4-Dichlorobenzene	0.325	J	1.0	0.31	ug/L			12/12/23 13:47	1
2-Butanone	10	U	10	6.4	ug/L			12/12/23 13:47	1
2-Hexanone	10	U	10	3.2	ug/L			12/12/23 13:47	1
4-Methyl-2-pentanone	10	U	10	2.7	ug/L			12/12/23 13:47	1
Acetone	5.27	J	20	3.7	ug/L			12/12/23 13:47	1
Acrylonitrile	20	U	20	5.5	ug/L			12/12/23 13:47	1
Benzene	1.0	U	1.0	0.27	ug/L			12/12/23 13:47	1
Bromochloromethane	1.0	U	1.0	0.34	ug/L			12/12/23 13:47	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			12/12/23 13:47	1
Bromoform	1.0	U	1.0	0.59	ug/L			12/12/23 13:47	1

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: MB 680-812813/8

Matrix: Water

Analysis Batch: 812813

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			12/12/23 13:47	1
Carbon disulfide	5.0	U	5.0	0.43	ug/L			12/12/23 13:47	1
Carbon tetrachloride	1.0	U	1.0	0.30	ug/L			12/12/23 13:47	1
Chlorobenzene	0.913	J	1.0	0.15	ug/L			12/12/23 13:47	1
Chloroethane	5.0	U	5.0	4.6	ug/L			12/12/23 13:47	1
Chloroform	1.0	U	1.0	0.27	ug/L			12/12/23 13:47	1
Chloromethane	1.0	U	1.0	0.54	ug/L			12/12/23 13:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/L			12/12/23 13:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.26	ug/L			12/12/23 13:47	1
Dibromochloromethane	1.0	U	1.0	0.39	ug/L			12/12/23 13:47	1
Dibromomethane	1.0	U	1.0	0.34	ug/L			12/12/23 13:47	1
Ethylbenzene	1.0	U	1.0	0.20	ug/L			12/12/23 13:47	1
Iodomethane	10	U	10	3.9	ug/L			12/12/23 13:47	1
m,p-Xylenes	2.0	U	2.0	0.49	ug/L			12/12/23 13:47	1
Methylene Chloride	5.0	U	5.0	3.2	ug/L			12/12/23 13:47	1
o-Xylene	1.0	U	1.0	0.26	ug/L			12/12/23 13:47	1
Styrene	1.0	U	1.0	0.27	ug/L			12/12/23 13:47	1
Tetrachloroethene	1.0	U	1.0	0.35	ug/L			12/12/23 13:47	1
Toluene	1.0	U	1.0	0.25	ug/L			12/12/23 13:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.34	ug/L			12/12/23 13:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	ug/L			12/12/23 13:47	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	1.3	ug/L			12/12/23 13:47	1
Trichloroethene	1.0	U	1.0	0.20	ug/L			12/12/23 13:47	1
Trichlorofluoromethane	1.0	U	1.0	0.33	ug/L			12/12/23 13:47	1
Vinyl acetate	5.0	U	5.0	0.69	ug/L			12/12/23 13:47	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/12/23 13:47	1
Xylenes (total)	3.0	U	3.0	0.23	ug/L			12/12/23 13:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		60 - 124		12/12/23 13:47	1
4-Bromofluorobenzene (Surr)	79		70 - 130		12/12/23 13:47	1
Dibromofluoromethane (Surr)	115		70 - 130		12/12/23 13:47	1
Toluene-d8 (Surr)	99		70 - 130		12/12/23 13:47	1

Lab Sample ID: LCS 680-812813/4

Matrix: Water

Analysis Batch: 812813

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	54.9		ug/L		110	70 - 130
1,1,1-Trichloroethane	50.0	52.8		ug/L		106	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.9		ug/L		110	70 - 130
1,1,2-Trichloroethane	50.0	54.7		ug/L		109	70 - 130
1,1-Dichloroethane	50.0	51.4		ug/L		103	70 - 130
1,1-Dichloroethene	50.0	52.5		ug/L		105	70 - 130
1,2,3-Trichloropropane	50.0	63.2		ug/L		126	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	49.0		ug/L		98	70 - 130
1,2-Dibromoethane	50.0	56.5		ug/L		113	70 - 130

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCS 680-812813/4

Matrix: Water

Analysis Batch: 812813

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	50.0		ug/L		100	70 - 130
1,2-Dichloroethane	50.0	53.4		ug/L		107	70 - 130
1,2-Dichloropropane	50.0	50.7		ug/L		101	70 - 130
1,4-Dichlorobenzene	50.0	50.5		ug/L		101	70 - 130
2-Butanone	250	325	J2	ug/L		130	69 - 120
2-Hexanone	250	325		ug/L		130	70 - 130
4-Methyl-2-pentanone	250	310	J2	ug/L		124	68 - 120
Acetone	250	314	J2	ug/L		126	67 - 120
Acrylonitrile	500	597		ug/L		119	70 - 130
Benzene	50.0	49.7		ug/L		99	70 - 130
Bromochloromethane	50.0	54.7		ug/L		109	70 - 130
Bromodichloromethane	50.0	48.4		ug/L		97	70 - 130
Bromoform	50.0	57.4		ug/L		115	69 - 129
Bromomethane	50.0	42.5		ug/L		85	28 - 192
Carbon disulfide	50.0	52.9		ug/L		106	70 - 130
Carbon tetrachloride	50.0	48.3		ug/L		97	70 - 130
Chlorobenzene	50.0	52.0		ug/L		104	70 - 130
Chloroethane	50.0	48.4		ug/L		97	31 - 213
Chloroform	50.0	51.4		ug/L		103	70 - 130
Chloromethane	50.0	40.7		ug/L		81	59 - 127
cis-1,2-Dichloroethene	50.0	51.2		ug/L		102	70 - 130
cis-1,3-Dichloropropene	50.0	53.7		ug/L		107	70 - 130
Dibromochloromethane	50.0	50.1		ug/L		100	70 - 130
Dibromomethane	50.0	56.0		ug/L		112	70 - 130
Ethylbenzene	50.0	50.3		ug/L		101	70 - 130
Iodomethane	50.0	41.3		ug/L		83	52 - 129
m,p-Xylenes	50.0	50.0		ug/L		100	70 - 130
Methylene Chloride	50.0	50.0		ug/L		100	70 - 130
o-Xylene	50.0	51.1		ug/L		102	70 - 130
Styrene	50.0	52.9		ug/L		106	70 - 130
Tetrachloroethene	50.0	52.7		ug/L		105	70 - 130
Toluene	50.0	50.4		ug/L		101	70 - 130
trans-1,2-Dichloroethene	50.0	52.4		ug/L		105	70 - 130
trans-1,3-Dichloropropene	50.0	56.2		ug/L		112	70 - 130
trans-1,4-Dichloro-2-butene	50.0	59.8		ug/L		120	67 - 120
Trichloroethene	50.0	52.6		ug/L		105	70 - 130
Trichlorofluoromethane	50.0	51.2		ug/L		102	63 - 142
Vinyl acetate	100	117		ug/L		117	67 - 135
Vinyl chloride	50.0	46.5		ug/L		93	66 - 129
Xylenes (total)	100	101		ug/L		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		60 - 124
4-Bromofluorobenzene (Surr)	89		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130
Toluene-d8 (Surr)	95		70 - 130

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCSD 680-812813/5

Matrix: Water

Analysis Batch: 812813

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	56.9		ug/L		114	70 - 130	4	30
1,1,1-Trichloroethane	50.0	52.3		ug/L		105	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	56.1		ug/L		112	70 - 130	2	30
1,1,2-Trichloroethane	50.0	56.0		ug/L		112	70 - 130	2	30
1,1-Dichloroethane	50.0	50.9		ug/L		102	70 - 130	1	30
1,1-Dichloroethene	50.0	51.9		ug/L		104	70 - 130	1	20
1,2,3-Trichloropropane	50.0	64.0		ug/L		128	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	50.0	49.3		ug/L		99	70 - 130	0	30
1,2-Dibromoethane	50.0	58.2		ug/L		116	70 - 130	3	30
1,2-Dichlorobenzene	50.0	49.8		ug/L		100	70 - 130	0	30
1,2-Dichloroethane	50.0	55.0		ug/L		110	70 - 130	3	50
1,2-Dichloropropane	50.0	51.5		ug/L		103	70 - 130	2	20
1,4-Dichlorobenzene	50.0	51.0		ug/L		102	70 - 130	1	30
2-Butanone	250	326	J2	ug/L		130	69 - 120	0	30
2-Hexanone	250	325		ug/L		130	70 - 130	0	20
4-Methyl-2-pentanone	250	315	J2	ug/L		126	68 - 120	2	30
Acetone	250	323	J2	ug/L		129	67 - 120	3	30
Acrylonitrile	500	617		ug/L		123	70 - 130	3	30
Benzene	50.0	50.0		ug/L		100	70 - 130	1	30
Bromochloromethane	50.0	56.3		ug/L		113	70 - 130	3	30
Bromodichloromethane	50.0	48.8		ug/L		98	70 - 130	1	30
Bromoform	50.0	58.9		ug/L		118	69 - 129	2	30
Bromomethane	50.0	44.6		ug/L		89	28 - 192	5	30
Carbon disulfide	50.0	52.0		ug/L		104	70 - 130	2	30
Carbon tetrachloride	50.0	48.3		ug/L		97	70 - 130	0	30
Chlorobenzene	50.0	52.3		ug/L		105	70 - 130	1	30
Chloroethane	50.0	47.5		ug/L		95	31 - 213	2	30
Chloroform	50.0	52.5		ug/L		105	70 - 130	2	30
Chloromethane	50.0	41.3		ug/L		83	59 - 127	2	30
cis-1,2-Dichloroethene	50.0	51.5		ug/L		103	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	55.4		ug/L		111	70 - 130	3	20
Dibromochloromethane	50.0	51.3		ug/L		103	70 - 130	2	30
Dibromomethane	50.0	57.4		ug/L		115	70 - 130	3	30
Ethylbenzene	50.0	50.0		ug/L		100	70 - 130	1	20
Iodomethane	50.0	40.9		ug/L		82	52 - 129	1	30
m,p-Xylenes	50.0	49.9		ug/L		100	70 - 130	0	30
Methylene Chloride	50.0	49.8		ug/L		100	70 - 130	0	30
o-Xylene	50.0	51.8		ug/L		104	70 - 130	1	30
Styrene	50.0	54.3		ug/L		109	70 - 130	3	30
Tetrachloroethene	50.0	51.6		ug/L		103	70 - 130	2	30
Toluene	50.0	50.3		ug/L		101	70 - 130	0	30
trans-1,2-Dichloroethene	50.0	51.4		ug/L		103	70 - 130	2	30
trans-1,3-Dichloropropene	50.0	56.8		ug/L		114	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	60.9	J2	ug/L		122	67 - 120	2	30
Trichloroethene	50.0	51.7		ug/L		103	70 - 130	2	30
Trichlorofluoromethane	50.0	50.3		ug/L		101	63 - 142	2	30
Vinyl acetate	100	121		ug/L		121	67 - 135	3	30
Vinyl chloride	50.0	45.9		ug/L		92	66 - 129	1	30

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCSD 680-812813/5

Matrix: Water

Analysis Batch: 812813

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	102		ug/L		102	70 - 130	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		60 - 124
4-Bromofluorobenzene (Surr)	91		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130
Toluene-d8 (Surr)	95		70 - 130

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

Lab Sample ID: MB 680-811675/7

Matrix: Water

Analysis Batch: 811675

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	1.0	U	1.0	0.32	ug/L			12/05/23 20:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130		12/05/23 20:55	1

Lab Sample ID: LCS 680-811675/3

Matrix: Water

Analysis Batch: 811675

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	10.0	7.31		ug/L		73	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 680-811675/4

Matrix: Water

Analysis Batch: 811675

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	10.0	7.06		ug/L		71	70 - 130	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	73		70 - 130

Lab Sample ID: MB 680-811885/6

Matrix: Water

Analysis Batch: 811885

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	1.0	U	1.0	0.32	ug/L			12/06/23 19:40	1

Eurofins Savannah

QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: MB 680-811885/6

Matrix: Water

Analysis Batch: 811885

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	83		70 - 130			12/06/23 19:40	1			

Lab Sample ID: LCS 680-811885/4

Matrix: Water

Analysis Batch: 811885

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			10.0	9.32		ug/L		93	70 - 130		
Surrogate	LCS	LCS									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	135	J1	70 - 130								

Lab Sample ID: LCSD 680-811885/5

Matrix: Water

Analysis Batch: 811885

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			10.0	8.26		ug/L		83	70 - 130	12	30
Surrogate	LCSD	LCSD									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	87		70 - 130								

Lab Sample ID: MB 680-812140/13

Matrix: Water

Analysis Batch: 812140

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB									
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
1,4-Dioxane	1.0	U	1.0	0.32	ug/L		12/07/23 22:23	1			
Surrogate	MB	MB									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	80		70 - 130				12/07/23 22:23	1			

Lab Sample ID: LCS 680-812140/10

Matrix: Water

Analysis Batch: 812140

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			10.0	10.7		ug/L		107	70 - 130		
Surrogate	LCS	LCS									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	75		70 - 130								

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QC Sample Results

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

Lab Sample ID: LCSD 680-812140/11

Matrix: Water

Analysis Batch: 812140

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	10.0	8.30		ug/L		83	70 - 130	25	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	96		70 - 130						

Lab Sample ID: MB 680-812358/5

Matrix: Water

Analysis Batch: 812358

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	1.0	U	1.0	0.32	ug/L			12/08/23 18:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: LCS 680-812358/3

Matrix: Water

Analysis Batch: 812358

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
1,4-Dioxane			10.0	8.93		ug/L	-	89	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	91		70 - 130								

Lab Sample ID: LCSD 680-812358/7

Matrix: Water

Analysis Batch: 812358

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	10.0	8.67		ug/L		87	70 - 130	3	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	126		70 - 130						

QC Association Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

GC/MS VOA

Analysis Batch: 811675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-243619-2	MW-3C	Total/NA	Ground Water	8260D SIM 14D	
680-243619-3	MW-6	Total/NA	Ground Water	8260D SIM 14D	
680-243619-4	MW-10	Total/NA	Ground Water	8260D SIM 14D	
680-243619-7	MW-12D	Total/NA	Ground Water	8260D SIM 14D	
680-243619-18	PW-13I	Total/NA	Ground Water	8260D SIM 14D	
MB 680-811675/7	Method Blank	Total/NA	Water	8260D SIM 14D	
LCS 680-811675/3	Lab Control Sample	Total/NA	Water	8260D SIM 14D	
LCSD 680-811675/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM 14D	

Analysis Batch: 811720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-243619-18	PW-13I	Total/NA	Ground Water	8260D	
680-243619-19	PW-14D	Total/NA	Ground Water	8260D	
680-243619-20	PW-15D	Total/NA	Ground Water	8260D	
680-243619-21	PW-16D	Total/NA	Ground Water	8260D	
680-243619-26	SW-4	Total/NA	Surface Water	8260D	
680-243619-34	Trip Blank	Total/NA	Water	8260D	
MB 680-811720/8	Method Blank	Total/NA	Water	8260D	
LCS 680-811720/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-811720/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 811735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-243619-1	MW-1	Total/NA	Ground Water	8260D	
680-243619-2	MW-3C	Total/NA	Ground Water	8260D	
680-243619-3	MW-6	Total/NA	Ground Water	8260D	
680-243619-4	MW-10	Total/NA	Ground Water	8260D	
680-243619-5	MW-12A	Total/NA	Ground Water	8260D	
680-243619-6	MW-12B	Total/NA	Ground Water	8260D	
680-243619-7	MW-12D	Total/NA	Ground Water	8260D	
680-243619-8	MW-15A	Total/NA	Ground Water	8260D	
680-243619-9	OW-DR2	Total/NA	Ground Water	8260D	
680-243619-11	PW-3D	Total/NA	Ground Water	8260D	
680-243619-15	PW-6D	Total/NA	Ground Water	8260D	
MB 680-811735/7	Method Blank	Total/NA	Water	8260D	
LCS 680-811735/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-811735/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 811885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-243619-5	MW-12A	Total/NA	Ground Water	8260D SIM 14D	
680-243619-6	MW-12B	Total/NA	Ground Water	8260D SIM 14D	
680-243619-11	PW-3D	Total/NA	Ground Water	8260D SIM 14D	
680-243619-12	PW-4I	Total/NA	Ground Water	8260D SIM 14D	
680-243619-13	PW-5D	Total/NA	Ground Water	8260D SIM 14D	
680-243619-14	PW-6I	Total/NA	Ground Water	8260D SIM 14D	
680-243619-16	PW-10I	Total/NA	Ground Water	8260D SIM 14D	
680-243619-17	PW-10D	Total/NA	Ground Water	8260D SIM 14D	
680-243619-24	SW-5	Total/NA	Surface Water	8260D SIM 14D	
MB 680-811885/6	Method Blank	Total/NA	Water	8260D SIM 14D	
LCS 680-811885/4	Lab Control Sample	Total/NA	Water	8260D SIM 14D	

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QC Association Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

GC/MS VOA (Continued)

Analysis Batch: 811885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 680-811885/5	Lab Control Sample Dup	Total/NA	Water	8260D SIM 14D	

Analysis Batch: 811963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-243619-9 - DL	OW-DR2	Total/NA	Ground Water	8260D	
680-243619-10	OW-LFS2	Total/NA	Ground Water	8260D	
680-243619-11 - DL	PW-3D	Total/NA	Ground Water	8260D	
680-243619-12	PW-4I	Total/NA	Ground Water	8260D	
680-243619-13	PW-5D	Total/NA	Ground Water	8260D	
680-243619-14	PW-6I	Total/NA	Ground Water	8260D	
680-243619-16	PW-10I	Total/NA	Ground Water	8260D	
680-243619-17	PW-10D	Total/NA	Ground Water	8260D	
680-243619-22	PW-SF1	Total/NA	Ground Water	8260D	
680-243619-23	W-4A	Total/NA	Ground Water	8260D	
680-243619-24	SW-5	Total/NA	Surface Water	8260D	
680-243619-25	SW-3	Total/NA	Surface Water	8260D	
680-243619-26 - DL	SW-4	Total/NA	Surface Water	8260D	
680-243619-27	SW6 Surface	Total/NA	Surface Water	8260D	
680-243619-28	SW6 Bottom	Total/NA	Surface Water	8260D	
680-243619-29	SWDRP2 Surface	Total/NA	Surface Water	8260D	
680-243619-30	SWDRP2 Bottom	Total/NA	Surface Water	8260D	
680-243619-31	SW7 Surface	Total/NA	Surface Water	8260D	
680-243619-32	SW7 Bottom	Total/NA	Surface Water	8260D	
680-243619-33	PW-12I	Total/NA	Ground Water	8260D	
MB 680-811963/8	Method Blank	Total/NA	Water	8260D	
LCS 680-811963/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-811963/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 812140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-243619-1	MW-1	Total/NA	Ground Water	8260D SIM 14D	
680-243619-20	PW-15D	Total/NA	Ground Water	8260D SIM 14D	
680-243619-21	PW-16D	Total/NA	Ground Water	8260D SIM 14D	
680-243619-23	W-4A	Total/NA	Ground Water	8260D SIM 14D	
680-243619-25	SW-3	Total/NA	Surface Water	8260D SIM 14D	
680-243619-27	SW6 Surface	Total/NA	Surface Water	8260D SIM 14D	
680-243619-28	SW6 Bottom	Total/NA	Surface Water	8260D SIM 14D	
680-243619-29	SWDRP2 Surface	Total/NA	Surface Water	8260D SIM 14D	
680-243619-30	SWDRP2 Bottom	Total/NA	Surface Water	8260D SIM 14D	
680-243619-31	SW7 Surface	Total/NA	Surface Water	8260D SIM 14D	
680-243619-32	SW7 Bottom	Total/NA	Surface Water	8260D SIM 14D	
680-243619-34	Trip Blank	Total/NA	Water	8260D SIM 14D	
MB 680-812140/13	Method Blank	Total/NA	Water	8260D SIM 14D	
LCS 680-812140/10	Lab Control Sample	Total/NA	Water	8260D SIM 14D	
LCSD 680-812140/11	Lab Control Sample Dup	Total/NA	Water	8260D SIM 14D	

Analysis Batch: 812245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-812245/9	Method Blank	Total/NA	Water	8260D	
LCS 680-812245/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-812245/6	Lab Control Sample Dup	Total/NA	Water	8260D	

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QC Association Summary

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

GC/MS VOA

Analysis Batch: 812358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-243619-8	MW-15A	Total/NA	Ground Water	8260D SIM 14D	
680-243619-9	OW-DR2	Total/NA	Ground Water	8260D SIM 14D	
680-243619-10	OW-LFS2	Total/NA	Ground Water	8260D SIM 14D	
680-243619-15	PW-6D	Total/NA	Ground Water	8260D SIM 14D	
680-243619-19	PW-14D	Total/NA	Ground Water	8260D SIM 14D	
680-243619-22	PW-SF1	Total/NA	Ground Water	8260D SIM 14D	
680-243619-26	SW-4	Total/NA	Surface Water	8260D SIM 14D	
680-243619-33	PW-12I	Total/NA	Ground Water	8260D SIM 14D	
MB 680-812358/5	Method Blank	Total/NA	Water	8260D SIM 14D	
LCS 680-812358/3	Lab Control Sample	Total/NA	Water	8260D SIM 14D	
LCSD 680-812358/7	Lab Control Sample Dup	Total/NA	Water	8260D SIM 14D	

Analysis Batch: 812603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-243619-11	PW-3D	Total/NA	Ground Water	8260D	
MB 680-812603/7	Method Blank	Total/NA	Water	8260D	
LCS 680-812603/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-812603/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 812707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-243619-22 - DL	PW-SF1	Total/NA	Ground Water	8260D	
MB 680-812707/8	Method Blank	Total/NA	Water	8260D	
LCS 680-812707/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-812707/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 812813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-243619-11 - RADL	PW-3D	Total/NA	Ground Water	8260D	
MB 680-812813/8	Method Blank	Total/NA	Water	8260D	
LCS 680-812813/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-812813/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-1

Date Collected: 11/28/23 10:40

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-1

Matrix: Ground Water

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	811735	12/06/23 12:25	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/07/23 23:18	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: MW-3C

Date Collected: 11/29/23 09:55

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-2

Matrix: Ground Water

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	811735	12/06/23 13:04	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	811675	12/05/23 21:48	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: MW-6

Date Collected: 11/29/23 16:30

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-3

Matrix: Ground Water

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	811735	12/06/23 13:23	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	811675	12/05/23 22:14	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: MW-10

Date Collected: 11/29/23 15:30

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-4

Matrix: Ground Water

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	811735	12/06/23 13:42	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	811675	12/05/23 22:41	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: MW-12A

Date Collected: 11/28/23 13:05

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-5

Matrix: Ground Water

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	811735	12/06/23 14:02	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	811885	12/06/23 21:56	AA	EET SAV
		Instrument ID: CMSAG								

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Lab Chronicle

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: MW-12B

Date Collected: 11/28/23 13:20

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-6

Matrix: Ground Water

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	811735	12/06/23 14:21	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	811885	12/06/23 22:23	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: MW-12D

Date Collected: 11/28/23 13:40

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-7

Matrix: Ground Water

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	811735	12/06/23 14:40	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	811675	12/06/23 00:01	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: MW-15A

Date Collected: 11/28/23 12:00

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-8

Matrix: Ground Water

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	811735	12/06/23 14:59	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		25	10 mL	0 mL	812358	12/08/23 20:12	RPG	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: OW-DR2

Date Collected: 11/28/23 10:20

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-9

Matrix: Ground Water

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	811735	12/06/23 15:19	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D	DL	5	5 mL	5 mL	811963	12/07/23 19:10	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	812358	12/08/23 20:40	RPG	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: OW-LFS2

Date Collected: 11/28/23 16:05

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-10

Matrix: Ground Water

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	811963	12/07/23 13:04	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	812358	12/08/23 21:06	RPG	EET SAV
		Instrument ID: CMSAG								

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Lab Chronicle

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-3D

Date Collected: 11/27/23 14:15

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-11

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	5 mL	5 mL	812603	12/11/23 17:13	P1C	EET SAV
		Instrument ID: CMSAB								
Total/NA	Analysis	8260D	RADL	200	5 mL	5 mL	812813	12/12/23 21:52	P1C	EET SAV
		Instrument ID: CMSAB								
Total/NA	Analysis	8260D		1	5 mL	5 mL	811735	12/06/23 15:57	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D	DL	50	5 mL	5 mL	811963	12/07/23 18:31	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	811885	12/07/23 00:09	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: PW-4I

Date Collected: 11/28/23 12:30

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-12

Matrix: Ground Water

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	811963	12/07/23 13:23	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	811885	12/07/23 00:35	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: PW-5D

Date Collected: 11/29/23 10:55

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-13

Matrix: Ground Water

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	811963	12/07/23 13:43	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	811885	12/07/23 01:01	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: PW-6I

Date Collected: 11/29/23 12:30

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-14

Matrix: Ground Water

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	811963	12/07/23 14:02	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	811885	12/07/23 01:28	AA	EET SAV
		Instrument ID: CMSAG								

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Lab Chronicle

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-6D

Date Collected: 11/29/23 12:00

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-15

Matrix: Ground Water

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	811735	12/06/23 17:14	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	812358	12/08/23 21:34	RPG	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: PW-10I

Date Collected: 11/29/23 15:15

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-16

Matrix: Ground Water

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	811963	12/07/23 14:21	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	811885	12/07/23 02:22	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: PW-10D

Date Collected: 11/29/23 14:55

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-17

Matrix: Ground Water

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	811963	12/07/23 14:40	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	811885	12/06/23 21:03	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: PW-13I

Date Collected: 11/27/23 14:55

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-18

Matrix: Ground Water

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	811720	12/06/23 14:05	Y1S	EET SAV
		Instrument ID: CMSAB								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	811675	12/06/23 04:52	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: PW-14D

Date Collected: 11/27/23 13:10

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-19

Matrix: Ground Water

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	811720	12/06/23 14:25	Y1S	EET SAV
		Instrument ID: CMSAB								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812358	12/08/23 18:51	RPG	EET SAV
		Instrument ID: CMSAG								

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Lab Chronicle

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: PW-15D

Date Collected: 11/28/23 08:55

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-20

Matrix: Ground Water

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	811720	12/06/23 14:45	Y1S	EET SAV
		Instrument ID: CMSAB								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/08/23 00:10	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: PW-16D

Date Collected: 11/28/23 09:25

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-21

Matrix: Ground Water

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	811720	12/06/23 15:05	Y1S	EET SAV
		Instrument ID: CMSAB								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/08/23 00:37	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: PW-SF1

Date Collected: 11/28/23 11:00

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-22

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	5 mL	5 mL	811963	12/07/23 18:12	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D	DL	200	5 mL	5 mL	812707	12/12/23 00:11	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		200	10 mL	0 mL	812358	12/08/23 22:00	RPG	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: W-4A

Date Collected: 11/28/23 11:35

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-23

Matrix: Ground Water

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	811963	12/07/23 15:00	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/08/23 01:03	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: SW-5

Date Collected: 11/30/23 08:30

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-24

Matrix: Surface Water

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	811963	12/07/23 15:19	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	811885	12/07/23 04:34	AA	EET SAV
		Instrument ID: CMSAG								

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Lab Chronicle

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SW-3

Date Collected: 11/30/23 08:45

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-25

Matrix: Surface Water

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	811963	12/07/23 15:38	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/08/23 01:30	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: SW-4

Date Collected: 11/30/23 09:00

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-26

Matrix: Surface Water

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	811720	12/06/23 16:43	Y1S	EET SAV
		Instrument ID: CMSAB								
Total/NA	Analysis	8260D	DL	10	5 mL	5 mL	811963	12/07/23 18:51	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		10	10 mL	0 mL	812358	12/08/23 22:26	RPG	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: SW6 Surface

Date Collected: 11/30/23 12:15

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-27

Matrix: Surface Water

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	811963	12/07/23 15:57	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/08/23 02:23	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: SW6 Bottom

Date Collected: 11/30/23 12:30

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-28

Matrix: Surface Water

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	811963	12/07/23 16:17	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/08/23 02:49	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: SWDRP2 Surface

Date Collected: 11/30/23 13:30

Date Received: 12/01/23 10:22

Lab Sample ID: 680-243619-29

Matrix: Surface Water

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	811963	12/07/23 16:36	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/08/23 03:16	AA	EET SAV
		Instrument ID: CMSAG								

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Lab Chronicle

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

Client Sample ID: SWDRP2 Bottom

Lab Sample ID: 680-243619-30

Date Collected: 11/30/23 13:30

Matrix: Surface Water

Date Received: 12/01/23 10:22

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	811963	12/07/23 16:55	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/08/23 03:42	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: SW7 Surface

Lab Sample ID: 680-243619-31

Date Collected: 11/30/23 13:50

Matrix: Surface Water

Date Received: 12/01/23 10:22

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	811963	12/07/23 17:14	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/08/23 04:08	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: SW7 Bottom

Lab Sample ID: 680-243619-32

Date Collected: 11/30/23 13:50

Matrix: Surface Water

Date Received: 12/01/23 10:22

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	811963	12/07/23 17:34	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/08/23 04:35	AA	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: PW-12I

Lab Sample ID: 680-243619-33

Date Collected: 11/30/23 10:40

Matrix: Ground Water

Date Received: 12/01/23 10:22

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	811963	12/07/23 17:53	Y1S	EET SAV
		Instrument ID: CMSP2								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812358	12/08/23 19:45	RPG	EET SAV
		Instrument ID: CMSAG								

Client Sample ID: Trip Blank

Lab Sample ID: 680-243619-34

Date Collected: 11/27/23 00:00

Matrix: Water

Date Received: 12/01/23 10:22

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	811720	12/06/23 13:46	Y1S	EET SAV
		Instrument ID: CMSAB								
Total/NA	Analysis	8260D SIM 14D		1	10 mL	0 mL	812140	12/07/23 22:50	AA	EET SAV
		Instrument ID: CMSAG								

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Lab Chronicle

Client: Babb & Associates
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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

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Environment Testing

Client Information		Sampler: <u>Ronald Pearson</u>		Lab PM: Andros, John		Carrier Tracking No(s):		COC No: 680-150561-54472.4	
Client Contact: Gary Babb		Phone: <u>336-306-0175</u>		E-Mail: John.Andros@et.eurofinsus.com		State of Origin: <u>NC</u>		Page: 1083	
Company: Babb & Associates				PWSID:		Analysis Requested			
Address: 5506 Bradford Pear Court		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/Mib (Yes or No) 8260D - Appendix 1 VOCs 8260D_SIM_14DX - 1,4-Dioxane		Total Number of containers		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)	
City: Raleigh		TAT Requested (days):							
State, Zip: NC, 27606		Compliance Project: ☐ Yes ☐ No							
Phone: 919-605-4713(Tel)		PO #: Purchase Order not required							
Email: gbabb@nc.rr.com		WO #:							
Project Name: Seaboard/Riverdale Drive MSWLF		Project #: 68024012							
Site:		SSOW#:							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)				
				Preservation Code:					
MW-1		11-28-23	1040	G					
MW-3C		11-29-23	0955	G					
MW-6		11-29-23	1630	G					
MW-10		11-29-23	1530	G					
MW-12A		11-28-23	1305	G					
MW-12B		11-28-23	1320	G					
MW-12D		11-28-23	1340	G					
MW-15A		11-28-23	1200	G					
OW-DRZ		11-29-23	1020	G					
OW-LFSZ		11-29-23	1605	G					
PW-3D		11-27-23	1415	G					
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: <u>Ronald Pearson</u>		Date/Time: <u>11-30-23 11515</u>		Company: <u>PIS</u>		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by: <u>C. Munro</u>		Date/Time: <u>12/1/23 1022</u>	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>36/3.9 4.4/4.7</u>					

Eurofins Savannah

5102 LaRoche Avenue

Savannah, GA 31404

Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Ronald Babb</u>		Lab PM: Andros, John		Carrier Tracking No(s):		COC No: 680-150561-54472.4	
Client Contact: Gary Babb		Phone: <u>336-306-0175</u>		E-Mail: John.Andros@et.eurofinsus.com		State of Origin:		Page: <u>2 of 3</u>	
Company: Babb & Associates		PWSID:		Analysis Requested					
Address: 5506 Bradford Pear Court		Due Date Requested:		Field Filtered Sample (Yes or No) Permitted MS/MSD (Yes or No) 8260D - Appendix 1 VOCs 8260D SIM, 14DX - 1,4-Dioxane Total Number of containers					
City: Raleigh		TAT Requested (days):							
State, Zip: NC, 27606		Compliance Project: ☐ Yes ☐ No							
Phone: 919-605-4713(Tel)		PO #:							
Email: gbabb@nc.rr.com		Purchase Order not required							
Project Name: Seaboard/Riverdale Drive MSWLF		Project #: 68024012		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify) Other:					
Site:		SSOW#:							
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)	Preservation Code:		Special Instructions/Note:	
PW-4I		11-28-23	1230	G		A A			
PW-5D		11-28-23	1055	G					
PW-6I		11-29-23	1230	G					
PW-6D		11-29-23	1200	G					
PW-10I		11-29-23	1515	G					
PW-10D		11-29-23	1455	G					
PW-13I		11-27-23	1455	G					
PW-14D		11-27-23	1310	G					
PW-15D		11-28-23	0855	G					
PW-16D		11-28-23	0925	G					
PW-SF4		11-28-23	1100	G					
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological					☐ 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: <u>Ronald Babb</u>		Date/Time: <u>11-30-23 1155</u>		Company: <u>PLS</u>		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by: <u>C. Munro</u>		Date/Time: <u>12/1/23 1022</u>	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>3.6/3.9 4.4/4.7</u>					

Eurofins Savannah

5102 LaRoche Avenue

Savannah, GA 31404

Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Ronald Babb</u>		Lab PM: Andros, John		Carrier Tracking No(s):		COC No: 680-150561-54472.4	
Client Contact: Gary Babb		Phone: <u>336-306-0175</u>		E-Mail: John.Andros@et.eurofinsus.com		State of Origin:		Page: 3 of 3	
Company: Babb & Associates		PWSID:		Analysis Requested					
Address: 5506 Bradford Pear Court		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/MS (Yes or No) 8260D - Appendix 1 VOCs 8260D_SIM_14DX - 1,4-Dioxane Total Number of containers					
City: Raleigh		TAT Requested (days):							
State, Zip: NC, 27606		Compliance Project: ☐ Yes ☐ No							
Phone: 919-605-4713(Tel)		PO #: Purchase Order not required							
Email: gbabb@nc.rr.com		WO #:							
Project Name: Seaboard/Riverdale Drive MSWLF		Project #: 68024012		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)					
Site:		SSOW#:							
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Special Instructions/Note:			
				Preservation Code:					
W-4A		11-30-23	1135	G					
SW-5		11-30-23	0830	G					
SW-3		11-30-23	0845	G					
SW-4		11-30-23	0900	G					
SW 6 Surface		11-30-23	1215	G					
SW 6 Bottom		11-30-23	1230	G					
SW DRP 2 Surface		11-30-23	1330	G					
SW DRP 2 Bottom		11-30-23	1330	G					
SW 7 Surface		11-30-23	1350	G					
SW 7 Bottom		11-30-23	1350	G					
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					Special Instructions/QC Requirements:				
Deliverable Requested: I, II, III, IV, Other (specify)									
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:			
Relinquished by: <u>Ronald Babb</u>		Date/Time: <u>11-30-23 11515</u>		Company: <u>PI5</u>		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by: <u>C. Munro</u>		Date/Time: <u>12/1/23 1022</u>	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>3.6/3.9</u>					

Login Sample Receipt Checklist

Client: Babb & Associates

Job Number: 680-243619-1

Login Number: 243619

List Source: Eurofins Savannah

List Number: 1

Creator: Munro, Caroline

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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.	False	Received extra samples not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	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
Project/Site: Seaboard/Riverdale Drive MSWLF

Job ID: 680-243619-1

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	12-31-23

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11