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Memorandum

To: Ms. Caroline Jalanti, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation

From: Daniel Warren, Project Manager
TRC Engineers, Inc.

Subject: Standby Engineering Contract
Work Assignment No. D009812-01
Shore Realty Corporation (AES) – Site No. 130006
Semi-Annual Monitoring Report – November 2019 to April 2020

Date: May 22, 2020

CC: D. Glass (TRC)
J. Magda (TRC)

TRC Project No.: 386138.0000.0000

1.0 INTRODUCTION

This Semi-Annual Report summarizes operations, maintenance, and monitoring (OM&M) activities performed at the Shore Realty Corporation (AES) site located at 1 Shore Road, Glenwood Landing, New York (the Site). This report has been prepared in accordance with the February 2020 Work Assignment (WA) No. D009812-01 and documents OM&M activities completed between November 2019 and April 2020.

The Site is a 3.2-acre parcel located adjacent to Hempstead Harbor that is listed on the federal National Priorities List (NPL) and the New York State Registry of Inactive Hazardous Waste Disposal Sites. A Site Location Map and a Site Plan are presented in **Figures 1 and 2**, respectively.

Site remediation systems, consisting of groundwater extraction, wastewater treatment, air sparge (AS), soil vapor extraction (SVE), and vapor treatment, are operated in pulse cycles consisting of two months on and one month off. Pulse Cycle No. 23 and Pulse Cycle No. 24 were completed during the reporting period.

2.0 HEALTH AND SAFETY

There were no accidents, injuries, near misses or general health incidents reported at the Site during the reporting period. No complaints were received from area property owners or residents regarding the Site.

3.0 COST SUMMARY

A task-specific summary of reporting period and project-to-date OM&M costs (beginning April 2019) is presented as **Table 1**.

4.0 OPERATIONS SUMMARY

TRC initiated Pulse Cycle No. 23 on November 1, 2019 with start-up of remediation systems. Routine operation of remediation systems continued until systems were shut down on December 30, 2019. Routine preventative maintenance activities were performed during January 2020.

TRC initiated Pulse Cycle No. 24 on February 3, 2020 with start-up of remediation systems. Routine operation of the remediation systems continued until system shut down on March 30, 2020. Routine preventative maintenance activities were performed during April 2020.

A summary of significant OM&M events is presented below. Pulsed operation of the remedial system (two months operating and one-month shutdown per pulse cycle) was completed in accordance with the work assignment scope of work during the reporting period. Tables and figures summarizing OM&M data are attached to this report. Please note, OM&M data collected prior to July 2019 was collected and reported by others. This Semi-Annual Monitoring Report has been prepared with the understanding that data reported by others is accurate and acceptable to NYSDEC.

Groundwater mass removal is estimated based on results of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methylene chloride detected in influent wastewater samples, collected and analyzed monthly, and the volume of water extracted and treated during each month. The volume of groundwater extracted and treated is recorded by the Site programmable logic controller (PLC). Soil vapor contaminant mass removal is estimated based on concentrations of BTEX detected in influent vapor samples, collected and analyzed monthly, and the estimated volume of soil vapor extracted and treated. The volume of soil vapor extracted and treated is estimated based on dynamic pressure and temperature measurements collected from the SVE blower effluent and time of blower operation recorded by the Site PLC. A summary of key OM&M data is presented below.

	Remediation System Operations Summary					
	Pulse Cycle No. 23			Pulse Cycle No. 24		
	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020
Up-Time[1] (SVE/GW)	88%/88%	63%/63%	NA	75%/91%	89%/100%	NA
Gallons of Water Treated	133,613	79,329	NA	121,054	104,197	NA
SVE Influent BTEX Concentrations (mg/m^3)	ND	1.74	NA	1.60	ND	NA
GW Influent VOC Concentrations (µg/L)	ND	3.3	NA	152	225.7	NA

[1] Percent of scheduled operation period. The remediation systems PLC is not equipped with remote telemetry monitoring, an alarm log download port, or a log of hours of operation for the groundwater extraction and treatment systems. Therefore, up-time calculations for the groundwater extraction and treatment systems are estimated.

GW – Groundwater
NA – Not applicable
mg/m^3 – Milligrams per cubic meter
µg/L – Micrograms per liter
ND - Not detected
VOC - Volatile organic compound

Approximately 438,193 gallons of groundwater water and approximately 0.35 pounds of VOCs were extracted and treated during the reporting period. Approximately 4.45 pounds of VOCs were removed from soil vapor during the reporting period. Remediation system effectiveness summaries including project-to-date system run times, on-line factors and removal estimates for the SVE, AS, and groundwater treatment system for June 1995 – June 2009 and July 2009 – April 2020 are presented in **Tables 2A and 2B, respectively**. Plots of monthly and cumulative groundwater processed and VOC mass removal are presented in **Figures 3 and 4**, respectively.

Remediation system sampling and mass removal summaries for the pulsed-operation period between November 2013 – April 2020 are presented in **Table 2C**. Soil gas monitoring measurements collected from Site SVE wells from September 1995 – November 2004 are presented in **Table 3A**. Soil gas monitoring measurements collected from Site SVE wells from March 2005 – March 2020 are presented in **Table 3B.**

Chronology of Key Events

A brief chronology of key events during the reporting period is presented below.

November 2019: Remediation systems were re-started on November 1, 2019. Routine operation of remediation systems began thereafter.

Routine operation activities continued throughout November 2019. Power outages, as a result of inclement weather, resulted in periodic shutdown of the air sparge, soil vapor extraction and treatment, and groundwater extraction and treatment systems.

On November 25, 2019, TRC collected one wastewater sample from both the primary bag filter influent and liquid granular activated carbon (LGAC) effluent and submitted the samples to TestAmerica Laboratories, Inc.

(TestAmerica) for analysis of BTEX and methylene chloride via United States Environmental Protection Agency (USEPA) Method 624.

On November 25, 2019, TRC collected a vapor sample from the SVE blower effluent via SUMMA® canister and submitted the sample to SGS North America, Inc. (SGS) for analysis of total petroleum hydrocarbons (TPH) and BTEX via USEPA Method TO-3.

December 2019: Between December 2, 2019 and December 4, 2019 TRC completed Supplemental Investigation activities in accordance with the Summary of Additional Scope of Services prepared by TRC and approved by NYSDEC in October 2019. The results of the Supplemental Investigation were submitted to NYSDEC on January 31, 2020.

On December 5, 2019, in consultation with NYSDEC, the groundwater extraction system was modified to include operation of extraction wells GX-0, GX-2, and GX-7 only. Groundwater extraction from wells GX-1, GX-3, GX-4, GX-5, and GX-6 was terminated.

Between December 9 and 16, 2019 remediation systems intermittently shut down due to a malfunctioning contactor controlling operation of extraction well GX-7.

On December 26, 2019, TRC collected one wastewater sample from both the primary bag filter influent and LGAC effluent and submitted the samples to TestAmerica for analysis of BTEX and methylene chloride via USEPA Method 624.

On December 26, 2019, TRC collected a vapor sample from the SVE blower effluent via SUMMA® canister and submitted the sample to SGS for analysis of TPH and BTEX via USEPA Method TO-3.

Between December 26 and 30, 2019, TRC collected groundwater samples from the eight groundwater extraction wells (GX-0 through GX-7), four groundwater monitoring wells (SW-4 through SW-6 and WP-5A), and one air sparge well (A-23). One air sparge well, A-11, included in the monitoring network could not be located or sampled. Groundwater sampling activities are described in Section 7.0 below.

On December 30, 2019, TRC collected vacuum and photoionization detector (PID) measurements from SVE wells H-10, H-11, H-12, H-20, H-21, H-71, H-81, V-30, V-31, and V-73. Vacuum and PID measurements are presented in **Table 3B**.

Remediation systems were shut down for planned non-operating period maintenance tasks on December 30, 2019.

January 2020: Routine shutdown period maintenance activities, including air compressor servicing, removal and maintenance of groundwater extraction pumps; removal and cleaning of accumulated sludge in T-01, T-02, T-06; and cleaning of level switches and bag filter housings, were performed. Additionally, the Site facility heating system was serviced on January 2, 2020.

February 2020: The malfunctioning contactor at extraction well GX-7 was replaced and remediation systems were re-started on February 3, 2020. Power outages, as a result of inclement weather, resulted in periodic shutdown of the air sparge, soil vapor extraction and treatment, and groundwater extraction and treatment systems. Two of the three SVE blower belts were found to be damaged on February 20, 2020. The SVE and AS systems were shut down and three new belts were installed on February 24, 2020.

On February 27, 2020, TRC collected one wastewater sample from both the primary bag filter influent and LGAC effluent and submitted the samples to TestAmerica for analysis of BTEX and methylene chloride via USEPA Method 624.

On February 27, 2020, TRC collected a vapor sample from the SVE blower effluent via SUMMA® canister and submitted the sample to SGS for analysis of TPH and BTEX via USEPA Method TO-3.

March 2020: On March 16, 2020 the groundwater extraction pump and totalizer installed in well GX-0 were found to be not operating. TRC replaced the pump and totalizer the same day.

On March 26, 2020, TRC collected one wastewater sample from both the primary bag filter influent and LGAC effluent and submitted the samples to TestAmerica for analysis of BTEX and methylene chloride via USEPA Method 624.

On March 26, 2020, TRC collected a vapor sample from the SVE blower effluent via SUMMA® canister and submitted the sample to TestAmerica (who subcontracted analysis to SGS) for analysis of TPH and BTEX via USEPA Method TO-3.

On March 30, 2020, TRC collected vacuum and PID measurements from SVE wells H-10, H-11, H-12, H-20, H-21, H-71, H-81, V-30, V-31, and V-73. Vacuum and PID measurements are presented in **Table 3B**.

Remediation systems were shut down for planned non-operating period maintenance tasks on March 30, 2020.

April 2020: Routine shutdown period maintenance activities, including removal and maintenance of groundwater extraction pumps; removal and cleaning of accumulated sludge in T-01, T-02, T-06; and cleaning of level switches and bag filter housings, were performed. Additionally, the T-14 air-operated diaphragm pump (AODP) was replaced.

Between April 13 and 15, 2020, TRC collected groundwater samples from the eight groundwater extraction wells (GX-0 through GX-7), four groundwater monitoring wells (SW-4 through SW-6 and WP-5A), and one air sparge well (A-23). One air sparge well, A-11, included in the monitoring network could not be located or sampled. Groundwater sampling activities are described in Section 7.0 below.

5.0 PLANNED OM+M ACTIVITIES

TRC will continue to operate the remediation systems in accordance with the WA.

6.0 DELIVERABLES GENERATED

On January 31, 2020 TRC submitted a technical memorandum to NYSDEC summarizing the results of the Supplemental Investigation performed between December 2 and 4, 2019.

On April 3, 2020 TRC submitted an Interim Remedial Measure (IRM) Conceptual Plan for a soil removal action at the Site.

7.0 SITE MONITORING

Groundwater sampling was performed during the final week of Pulse Cycle No. 23 operational period. In consultation with NYSDEC, groundwater sampling was performed approximately two weeks after completion of Pulse Cycle No. 24 operational period. Groundwater sampling locations are shown on the Site Plan presented in **Figure 2**. Groundwater samples were collected from the following 13 locations:

- Eight groundwater extraction wells (GX-0 through GX-7);
- Four groundwater monitoring wells (SW-4 through SW-6 and WP-5A); and
- One air sparge well (A-23).

As indicated above, one air sparge well, A-11, included in the quarterly monitoring well network could not be located and sampled.

Prior to the collection of groundwater samples, groundwater monitoring well heads were screened with a PID and depth to water and depth to bottom measurements were collected from groundwater extraction, monitoring, and air sparge wells. Each well was then purged utilizing low-flow sampling techniques and groundwater samples were collected in laboratory-provided glassware and placed in a chilled cooler. Groundwater sampling logs are presented in **Attachment A**. Quality assurance/quality control (QA/QC) samples including field duplicates, a trip blank, a matrix spike, and a matrix spike duplicate were also collected. Samples were transported under chain-of-custody protocols to TestAmerica.

Groundwater samples were analyzed for Target Compound List (TCL) VOCs via USEPA Method 8260. Sampling results were evaluated by comparison to NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Class GA Standards and Guidance Values (Class GA Values). Results of the December 2019 and April 2020 monitoring events are discussed below.

December 2019 Sampling Event

Isopropylbenzene was detected at a concentration greater than the Class GA Value in the sample collected from extraction well GX-0. Benzene, ethylbenzene, isopropylbenzene, total xylenes, and toluene were detected at concentrations greater than Class GA Values in the groundwater sample collected from extraction well GX-2. Ethylbenzene, isopropylbenzene, and total xylenes were detected at concentrations greater than Class GA Values in the sample collected from monitoring well WP-5A. No other VOCs were detected at concentrations above Class GA Values in groundwater samples. The table below presents a summary of VOCs detected above Class GA Values.

Summary of VOCs Detected Above Class GA Values – December 2019

VOC	Class GA Value (µg/L)	GX-0	GX-2	WP-5A
Benzene	**1**	ND	**1.6**	ND
Ethylbenzene	**5**	ND	**41**	**440**
Isopropylbenzene	**5**	**5.3**	**8.1 J+**	**29**
Total Xylenes[1]	**5**	ND	**104**	**443.5**
Toluene	**5**	ND	**160**	0.38 J

[1] The Class GA Value of 5 µg/L applies to the individual xylene isomers.
ND – Non-detect
J - Estimated Value
J+ - Estimated value; bias high.
Bold values exceed the Class GA Value.

April 2020 Sampling Event

Total xylenes were detected at a concentration greater than the Class GA Value in the sample collected from extraction well GX-7. Ethylbenzene, isopropylbenzene, and total xylenes were detected at concentrations greater than Class GA Values in the sample collected from monitoring well WP-5A. No other VOCs were detected at concentrations above Class GA Values in groundwater samples. The table below presents a summary of VOCs detected above Class GA Values.

Summary of VOCs Detected Above Class GA Values – April 2020			
VOC	**Class GA Value (µg/L)**	**GX-7**	**WP-5A**
Ethylbenzene	**5**	1.4	**660**
Isopropylbenzene	**5**	ND	**47**
Total Xylenes[1]	**5**	**6.0**	**1,758**

[1] The Class GA Value of 5 µg/L applies to the individual xylene isomers.
ND – Non-detect
Bold values exceed the Class GA Value.

Results of analysis for benzene, toluene, ethylbenzene, total xylenes, total BTEX, and methylene chloride are presented in **Table 4**. Validation of laboratory analytical data was performed in accordance with NYSDEC requirements for Data Usability Summary Reports (DUSRs), prepared in accordance in DER-10. DUSRs are included in **Attachment B**.

FIGURES

SCALE: 1:2400

1 0.5 0 KILOMETERS 1 2

1000 500 0 METERS 1000 2000

1 0.5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

FEET

QUADRANGLE LOCATION

MAP INCLUDES INFORMATION FROM THE FOLLOWING MAP SHEET(S): TP, SEA CLIFF, NY, 7.5 MINUTE DATED 2016.

MAP OBTAINED THROUGH USE OF TOPOVIEW WITH THE INTERFACE CREATED BY THE NATIONAL GEOLOGIC MAP DATABASE PROJECT (NGMDB), IN SUPPORT OF THE TOPOGRAPHIC MAPPING PROGRAM, MANAGED BY THE USGS NATIONAL GEOSPATIAL PROGRAM (NGP).

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PROJECT:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SHORE REALTY CORPORATION (AES) - SITE NO. 130006
1 SHORE ROAD
GLENWOOD LANDING, NEW YORK 11547

TITLE:

SITE LOCATION MAP

DRAWN BY:	H. DELGADO
CHECKED BY:	S. PEREIRA
APPROVED BY:	D. WARREN
DATE:	MAY 2020
PROJ. NO.:	386138
FILE:	Figure 1 - Site Location Map.dwg

FIGURE 1

8.5x11 --- ATTACHED XREF'S: --- ATTACHED IMAGES: rv_sea_cliff_20160824.tm
DRAWING NAME: I:\Projects\NYSDEC\Assignments\WA #47 - Shore Realty Corporation (AES)\Phase 5 - Reporting\202005\Figures\Working Files\ Figure 1 - Site Location Map.dwg --- PLOT DATE: April 29, 2020 - 10:47AM --- LAYOUT: 8.5x11P

Plot Date: 5/22/2020, 11:46:00 AM by ECORDERO -- LAYOUT: ANSI B (11"x17")
Path: S:\1-PROJECTS\NYSDEC\327138_Shore_Realty\7-APRX\327138-001_SemiAnnualRemediationReport.aprx
Coordinate System: NAD 1983 StatePlane New York Long Island FIPS 3104 Feet (Foot US)
Map Rotation: 0

LEGEND

- FENCE
- AIR SPARGE WELL
- GROUNDWATER EXTRACTION WELL
- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- VAPOR MONITORING POINT

NOTES

1. BASE MAP IMAGERY FROM NEARMAP DATED MARCH 18, 2019.

2. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES ARE APPROXIMATE, UNLESS STATED OTHERWISE.

3. AIR SPARGE WELLS, SOIL VAPOR EXTRACTION WELLS, VAPOR MONITORING POINTS, GROUNDWATER EXTRACTION WELLS, GROUNDWATER MONITORING WELLS, AND FENCE LOCATION ARE APPROXIMATE BASED ON ERM DRAWING TITLED "QUARTERLY SITE MONITORING POINTS" DATED JUNE 25, 2014 AND AERIAL IMAGERY.

4. GROUNDWATER EXTRACTION WELLS GX-0 THROUGH GX-7, GROUNDWATER MONITORING WELLS SW-4 THROUGH SW-6 AND WP-5A, AND AIR SPARGE WELLS A11 AND A23, ARE INCLUDED IN THE QUARTERLY SAMPLING NETWORK.

0 50 100 Feet
SCALE: 1:600

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SHORE REALTY CORPORATION (AES) - SITE NO. 130006
1 SHORE ROAD
GLENWOOD LANDING, NEW YORK 11547

TITLE:

SITE PLAN

DRAWN BY:	E. CORDERO	PROJ NO.:	386138.0000.0000
CHECKED BY:	S. PEREIRA		
APPROVED BY:	D. WARREN		**FIGURE 2**
DATE:	MAY 2020		

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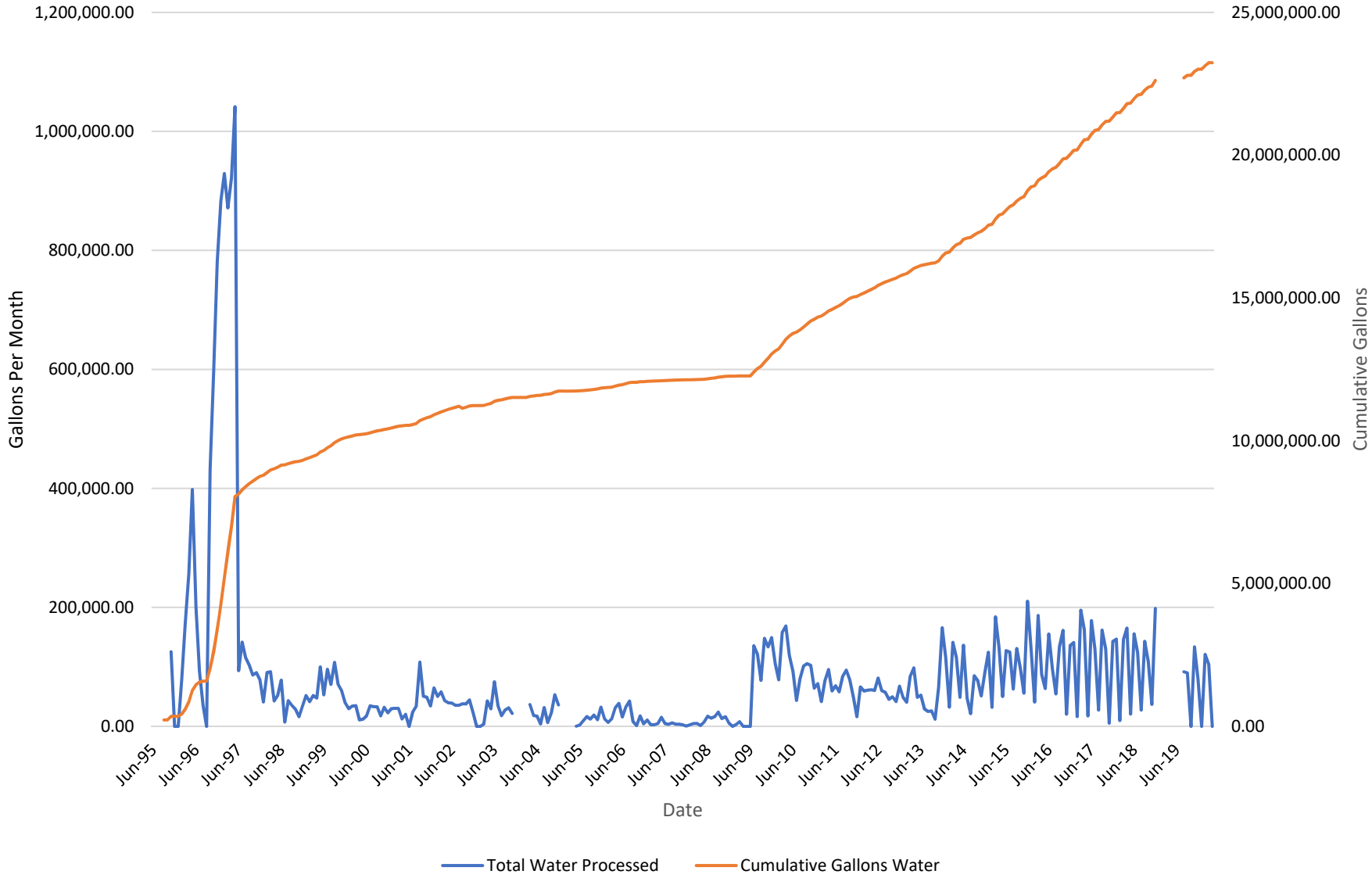
FILE NO.: 327138-001_SemiAnnualRemediationReport.aprx

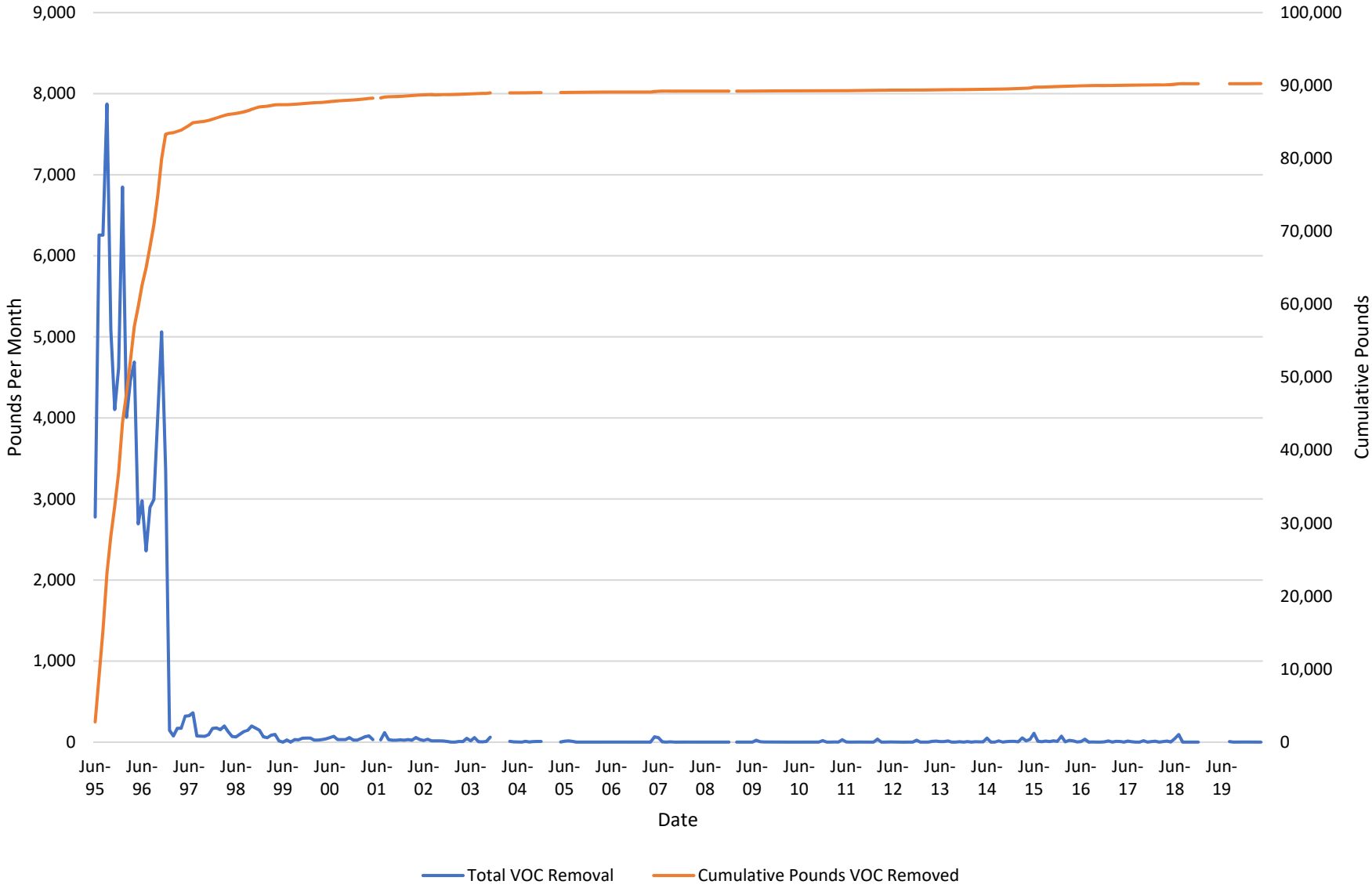
Figure 3
Monthly and Cumulative Groundwater Processed: 1995 - April 2020
AES Shore Realty Site, Glenwood Landing, New York



Source of historic data: *Semi-Annual Report/Technical Memorandum: August 2018 - December 2018*, dated January 9, 2019, prepared by Environmental Resources Management.

TRC

Figure 4
Monthly and Cumulative Volatile Organic Compound Mass Removal: 1995 - April 2020
AES Shore Realty Site, Glenwood Landing, New York



Source of historic data: *Semi-Annual Report/Technical Memorandum: August 2018 - December 2018*, dated January 9, 2019, prepared by Environmental Resources Management.

TRC

TABLES

Table 1
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Summary of Site Remedial Operations Expenditures

Task Description	April 2019 to October 2019	November 2019 to April 2020	Project To Date Actual Costs
OM+M Labor	$49,456.97	$60,469.07	$109,926.04
OM+M Subcontractors	$13,864.72	$19,515.53	$33,380.25
OM+M Other Direct Costs	$3,281.45	$10,345.51	$13,626.96
Plant Utilities	$12,918.18	$15,847.00	$28,765.18
Groundwater Sampling Labor	$6,289.97	$10,266.18	$16,556.15
Groundwater Sampling Subcontractors	$1,079.47	$805.54	$1,885.01
Groundwater Sampling Other Direct Costs	$1,086.67	$921.21	$2,007.88
Total	**$87,977.43**	**$118,170.04**	**$206,147.47**

TABLE 2A
Remediation System Effectiveness Summary
AES Shore Realty Site, Glenwood Landing, New York

Period Of Operation	*SOIL VAPOR EXTRACTION SYSTEM*				*AIR SPARGE SYSTEM*			*GROUNDWATER TREATMENT SYSTEM*						*COMBINED SVE/AIR STRIPPER VAPOR STREAM*			
	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (scfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average LEL Reading (Percent)	Total VOC Concentration (ppmv) (mg/m^3)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
Jun-95	720	--	--	600	562	--	--	720	--	--	--	--	--	--	--	2,777	2,777
Jul-95	744	--	--	--	580	--	--	744	--	--	--	--	--	--	--	6,255	9,032
Aug-95	744	--	--	--	580	--	--	744	--	--	--	--	--	--	--	6,255	15,286
Sep-95	720	612	85%	740	562	477	85%	720	540	75%	226,800	7.0	226,800	6.5	--	7,872	23,158
Oct-95	744	--	--	--	580	--	--	744	--	--	--	--	226,800	--	--	5,087	28,245
Nov-95	720	652	90%	740	562	508	90%	720	239.5	33%	125,453	8.7	352,253	3.2	--	4,103	32,348
Dec-95	744	666	90%	740	580	519	90%	744	0	0%	0	--	352,253	3.6	--	4,616	36,964
Jan-96	744	664	89%	740	580	518	89%	744	114	15%	0	0.0	352,253	5.4	--	6,848	43,812
Feb-96	672	530	79%	740	524	413	79%	672	390	58%	78,328	3.3	430,581	3.7	--	4,007	47,819
Mar-96	744	651	87%	740	580	508	87%	744	426	57%	172,368	6.7	602,949	3.6	--	4,462	52,281
Apr-96	720	675	94%	740	562	526	94%	720	613	85%	257,040	7.0	859,989	3.5	--	4,688	56,969
May-96	744	672	90%	740	580	524	90%	744	533	72%	398,131	12.4	1,258,120	2.1	--	2,693	59,662
Jun-96	720	720	100%	740	562	561	100%	720	573	80%	200,692	5.8	1,458,812	3.8	--	2,977	62,639
Jul-96	744	513	69%	740	580	400	69%	744	229	31%	92,466	6.7	1,551,278	2.4	--	2,359	64,998
Aug-96	736	606	82%	740	574	473	82%	736	174	24%	34,834	3.3	1,586,112	2.5	--	2,897	67,895
Sep-96	720	720	100%	740	562	562	100%	720	0	0%	0	--	1,586,112	2.1	--	2,992	70,887
Oct-96	744	742	100%	740	580	579	100%	744	420	56%	431,748	17.1	2,017,860	2.9	--	4,020	74,907
Nov-96	720	692	96%	740	562	540	96%	720	685	95%	599,532	14.6	2,617,392	3.7	--	5,061	79,968
Dec-96	744	514	69%	640	580	401	69%	744	575	77%	780,699	22.6	3,398,091	3.8	--	3,358	83,326
Jan-97	711	542	76%	740	555	423	76%	711	539	76%	883,150	27.3	4,281,241	4.2	25.3	146	83,472
Feb-97	672	548	82%	740	524	427	82%	672	462	69%	929,114	33.5	5,210,355	4.8	13.3	77	83,549
Mar-97	744	621	83%	740	580	484	83%	744	387	52%	871,270	37.5	6,081,625	4.4	26	171	83,720
Apr-97	720	702	98%	740	562	548	98%	720	684	95%	921,774	22.5	7,003,399	2.9	23	171	83,891
May-97	744	629	84%	740	580	490	84%	744	658	88%	1,041,522	26.4	8,044,921	2.7	48	320	84,211
Jun-97	720	364	51%	708	562	284	51%	720	439	61%	93,631	3.6	8,138,552	3.1	88.2	326	84,538
Jul-97	744	713	96%	736	580	556	96%	744	596	80%	141,748	4.0	8,280,300	3.1	48	361	84,898
Aug-97	736	717	97%	703	574	559	97%	736	660	90%	115,647	2.9	8,395,947	3.8	10.5	76	84,974
Sep-97	720	703	98%	713	562	548	98%	720	703	98%	103,009	2.4	8,498,956	3.3	10.2	73	85,048
Oct-97	744	744	100%	735	580	580	100%	744	681	92%	86,252	2.1	8,585,208	2.1	9.1	71	85,119
Nov-97	720	720	100%	736	562	562	100%	720	678	94%	90,358	2.2	8,675,566	2.4	12	91	85,210
Dec-97	744	744	100%	722	580	580	100%	744	744	100%	78,571	1.8	8,754,137	3.4	22	169	85,380

TABLE 2A
Remediation System Effectiveness Summary
AES Shore Realty Site, Glenwood Landing, New York

Period Of Operation	*SOIL VAPOR EXTRACTION SYSTEM*				*AIR SPARGE SYSTEM*			*GROUNDWATER TREATMENT SYSTEM*						*COMBINED SVE/AIR STRIPPER VAPOR STREAM*			
	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (scfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average LEL Reading (Percent)	Total VOC Concentration (ppmv) (mg/m^3)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
Jan-98	744	615	83%	741	580	480	83%	744	596	80%	41,251	1.2	8,795,388	2.9	27	176	85,556
Feb-98	672	551	82%	717	524	430	82%	672	551	82%	90,502	2.7	8,885,890	2.1	27	153	85,709
Mar-98	744	718	97%	742	580	560	97%	744	691	93%	91,776	2.2	8,977,666	3.1	26	199	85,907
Apr-98	720	529	73%	738	562	412	73%	720	517	72%	42,900	1.4	9,020,566	2.7	23	129	86,036
May-98	744	666	89%	735	580	519	89%	744	667	90%	51,946	1.3	9,072,512	2.2	10	70	86,106
Jun-98	720	611	85%	736	562	476	85%	720	589	82%	77,638	2.2	9,150,150	2.8	10	64	86,171
Jul-98	696	329	47%	677	543	257	47%	696	314	45%	7,405	0.4	9,157,555	2.2	30	96	86,267
Aug-98	744	639	86%	711	580	498	86%	744	495	67%	43,167	1.5	9,200,722	2.4	20	130	86,397
Sep-98	720	696	97%	730	562	543	97%	720	557	77%	35,361	1.1	9,236,083	3	20	146	86,542
Oct-98	744	658	88%	737	580	513	88%	744	476	64%	29,063	1.0	9,265,146	2.4	28.6	199	86,741
Nov-98	720	720	100%	794	562	562	100%	720	716	99%	16,446	0.4	9,281,592	2.2	21.1	173	86,914
Dec-98	744	744	100%	794	580	580	100%	744	477	64%	34,509	1.2	9,316,101	2.2	17.5	148	87,062
Jan-99	744	458	61%	797	580	357	61%	744	431	58%	51,879	2.0	9,367,980	2.6	12.5	65	87,128
Feb-99	672	555	83%	762	524	433	83%	672	447	67%	41,655	1.6	9,409,635	2.84	9	55	87,182
Mar-99	744	518	70%	771	580	404	70%	744	485	65%	51,879	1.8	9,461,514	3.3	15	86	87,268
Apr-99	720	648	90%	788	562	505	90%	720	634	88%	47,663	1.3	9,509,177	2.8	13	95	87,363
May-99	744	608	82%	724	580	474	82%	744	572	77%	99,994	2.9	9,609,171	2.5	2.2	14	87,377
Jun-99	720	710	99%	771	562	553	99%	720	710	99%	53,166	1.2	9,662,337	3.3	0	0	87,377
Jul-99	744	744	100%	710	580	580	100%	744	690	93%	96,014	2.3	9,758,351	2.5	3.6	27	87,404
Aug-99	744	744	100%								70,599	#DIV/0!	9,828,950	3.4	3.6	0	87,404
Sep-99	720	703	98%	740	562	548	98%	720	675	94%	107,533	2.7	9,936,483	3.5	4.1	31	87,435
Oct-99	744	685	92%	766	580	534	92%	744	685	92%	70,793	1.7	10,007,276	3.06	4.3	29	87,464
Nov-99	720	602	84%	774	562	469	84%	720	670	93%	59,797	1.5	10,067,073	3.04	6	48	87,512
Dec-99	744	713	96%	785	580	556	96%	744	740	99%	39,721	0.9	10,106,794	2.54	6	50	87,562
Jan-00	744	679	91%	755	580	530	91%	744	702	94%	29,765	0.7	10,136,559	2.68	6.5	50	87,613
Feb-00	720	720	100%	799	562	562	100%	720	720	100%	34,162	0.8	10,170,721	2.77	3	25	87,637
Mar-00	744	739	99%	766	580	576	99%	744	744	100%	34,864	0.8	10,205,585	2.52	9.8	25	87,662
Apr-00	720	631	88%	745	562	492	88%	720	631	88%	10,954	0.3	10,216,539	2.74	4.1	32	87,693
May-00	744	642	86%	759	580	501	86%	744	744	100%	12,036	0.3	10,228,575	2.79	5	41	87,734
Jun-00	720	621	86%	750	562	484	86%	720	719	100%	17,294	0.4	10,245,869	2.5	7	54	87,788
Jul-00	744	744	100%	751	580	580	100%	744	741	100%	34,610	0.8	10,280,479	2.9	9	72	87,860
Aug-00	744	715	96%	735	580	557	96%	744	744	100%	33,065	0.7	10,313,544	2.25	4	31	87,891
Sep-00	720	633	88%	766	562	493	88%	720	720	100%	32,961	0.8	10,346,505	2.3	4	32	87,923
Oct-00	744	744	100%	724	580	580	100%	744	744	100%	17,768	0.4	10,364,273	2	4	31	87,954
Nov-00	720	698	97%	771	562	544	97%	720	720	100%	32,207	0.7	10,396,480	3.3	7	56	88,010
Dec-00	744	700	94%	787	580	546	94%	744	744	100%	22,883	0.5	10,419,363	2.6	3	25	88,035

TABLE 2A
Remediation System Effectiveness Summary
AES Shore Realty Site, Glenwood Landing, New York

Period Of Operation	SOIL VAPOR EXTRACTION SYSTEM				AIR SPARGE SYSTEM			GROUNDWATER TREATMENT SYSTEM						COMBINED SVE/AIR STRIPPER VAPOR STREAM			
	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (scfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average LEL Reading (Percent)	Total VOC Concentration (ppmv) (mg/m^3)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
Jan-01	744	744	100%	784	580	580	100%	744	725	97%	29,750	0.7	10,449,113	2.31	3	25	88,060
Feb-01	672	672	100%	793	524	524	100%	672	672	100%	30,399	0.8	10,479,512	3.08	6	46	88,106
Mar-01	744	744	100%	785	580	580	100%	744	649	87%	30,219	0.8	10,509,731	2.65	8	67	88,173
Apr-01	720	720	100%	779	562	562	100%	720	720	100%	12,551	0.3	10,522,282	2.76	9.4	76	88,248
May-01	480	456	95%	748	374	355	95%	480	478	100%	20,317	0.7	10,542,599	2.82	6	31	88,279
Jun-01	Please note that the system was shut down from May 21, 2001 through June 29, 2001.																
Jul-01	744	727	98%	698	580	567	98%	744	717	96%	24,293	0.6	10,566,892	2.7	4	29	88,308
Aug-01	744	744	100%	743	580	580	100%	744	744	100%	33,912	0.8	10,600,804	3.23	14.6	116	88,424
Sep-01	720	720	100%	733	562	562	100%	720	720	100%	107,990	2.5	10,708,794	2.55	4.1	31	88,455
Oct-01	744	675	91%	754	580	526	91%	744	727	98%	50,609	1.2	10,759,403	2.16	3	24	88,479
Nov-01	720	686	95%	779	562	535	95%	720	685	95%	48,877	1.2	10,808,280	3.35	3	24	88,503
Dec-01	744	698	94%	768	580	544	94%	744	744	100%	34,420	0.8	10,842,700	2.91	3.4	28	88,531
Jan-02	744	744	100%	780	580	580	100%	744	744	100%	64,630	1.4	10,907,330	4.12	2.9	24	88,555
Feb-02	672	668	99%	771	524	521	99%	672	672	100%	50,502	1.3	10,957,832	0.4	4.2	31	88,587
Mar-02	744	744	100%	736	580	580	100%	744	744	100%	58,075	1.3	11,015,907	0.35	3	24	88,610
Apr-02	720	720	100%	758	562	562	100%	720	720	100%	43,424	1.0	11,059,331	1.01	7.1	56	88,666
May-02	744	621	83%	762	580	484	83%	744	621	83%	39,783	1.1	11,099,114	0.93	3.9	32	88,697
Jun-02	720	676	94%	726	562	527	94%	720	720	100%	39,272	0.9	11,138,386	1.5	2.7	20	88,718
Jul-02	744	641	86%	736	580	499	86%	744	744	100%	35,577	0.8	11,173,963	1.4	4.7	36	88,754
Aug-02	744	736	99%	830	580	575	99%	744	744	100%	35,506	0.8	11,209,469	3.6	2.1	16	88,770
Sep-02	720	626	87%	754	562	489	87%	720	720	100%	37,966	0.9	11,137,080	0.81	2.5	16	88,713
Oct-02	744	491	66%	759	163.68*	108	66%	744	652	88%	37,689	1.0	11,176,075	0.28	3.2	16	88,734
Nov-02	720	616	85%	649	158	135	85%	720	720	100%	44,581	1.0	11,218,544	0.64	2.1	14	88,767
Dec-02	744	440	59%	742	164	97	59%	744	440	59%	23,021	0.9	11,232,490	1.1	1.8	8	88,778
Jan-03	744	0	0%	--	164	0	0%	744	0	0%	0	--	11,232,490	--	--	0	88,778
Feb-03	672	0	0%	--	148	0	0%	672	0	0%	0	--	11,232,490	--	--	0	88,778
Mar-03	744	520	70%	804	164	114	70%	744	419	56%	3,895	0.2	11,236,385	0.6	1.5	8	88,786
Apr-03	720	606	84%	785	158	133	84%	720	720	100%	42,829	1.0	11,279,214	0.4	1	7	88,793
May-03	744	709	95%	766	164	156	95%	744	744	100%	29,525	0.7	11,308,739	0.8	6	47	88,840
Jun-03	720	644	89%	754	158	142	89%	720	720	100%	74,961	1.7	11,383,700	1.9	2.3	16	88,856
Jul-03	744	702	94%	743	164	154	94%	744	702	94%	34,337	0.8	11,418,037	0.1	7.5	56	88,912
Aug-03	744	430	58%	745	164	95	58%	744	600	81%	18,101	0.5	11,436,138	0.68	1	5	88,916
Sep-03	720	704	98%	748	158	155	98%	720	704	98%	27,476	0.7	11,463,614	0.3	0.5	4	88,920
Oct-03	744	688	92%	773	164	151	92%	744	744	100%	31,248	0.7	11,494,862	0.25	1	8	88,928
Nov-03	720	648	90%	781	158	143	90%	720	648	90%	21,864	0.6	11,516,726	0.1	8.4	61	88,989

TABLE 2A
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AES Shore Realty Site, Glenwood Landing, New York

Period Of Operation	SOIL VAPOR EXTRACTION SYSTEM				AIR SPARGE SYSTEM			GROUNDWATER TREATMENT SYSTEM						COMBINED SVE/AIR STRIPPER VAPOR STREAM			
	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (scfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average LEL Reading (Percent)	Total VOC Concentration (ppmv) (mg/m^3)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
12/3/03 to 3/24/04	System was shutdown for Bulkhead Restoration on December 2, 2003. System back on-line on March 25, 2004																
Apr-04	872	872	100%	798	192	192	100%	872	872	100%	36,821	0.7	11,553,547	0.1	1	10	88,999
May-04	744	558	75%	791	164	123	75%	744	744	100%	18,398	0.4	11,571,945	0.3	0.4	3	89,002
Jun-04	720	639	89%	791	158	140	89%	720	720	100%	17,192	0.4	11,589,137	0.1	0.2	2	89,004
Jul-04	744	709	95%	774	164	156	95%	744	744	100%	4,248	0.1	11,593,385	0.5	0	0	89,004
Aug-04	744	744	100%	783	164	164	100%	744	744	100%	31,757	0.7	11,625,142	0.4	1.2	10	89,014
Sep-04	720	321	45%	776	158	71	45%	720	321	45%	6,386	0.3	11,631,528	0.7	0.5	2	89,016
Oct-04	744	446	60%	775	164	98	60%	744	446	60%	22,630	0.8	11,654,158	0.6	1.2	6	89,022
Nov-04	720	720	100%	784	158	158	100%	720	720	100%	53,064	1.2	11,707,222	1.2	1	8	89,030
Dec-04	744	646	87%	867	164	142	87%	744	646	87%	36,083	0.9	11,743,305	0	1.0	8	89,038
1/05 to 4/05	System was shutdown for system upgrade and repair of off-gas Thermox unit																
May-05	744	326	44%	840	164	72	44%	744	326	44%	304	0.0	11,743,609	1	0.5	2	89,040
Jun-05	720	674	94%	815	158	148	94%	720	674	94%	2,343	0.1	11,745,952	1	1.5	12	89,051
Jul-05	744	744	100%	768	535.68 (a)	536	100%	744	744	100%	9,442	0.2	11,755,394	1	2	16	89,068
Aug-05	744	592	80%	755	536	426	80%	744	592	80%	16,634	0.5	11,772,028	1	1.5	10	89,077
Sep-05	720	423	59%	758	518	305	59%	720	423	59%	12,349	0.5	11,784,377	0	0.724 (b)	1	89,078
Oct-05	744	705	95%	821	536	508	95%	744	705	95%	19,040	0.5	11,803,417	0	0	0	89,078
Nov-05	720	720	100%	837	518	518	100%	720	720	100%	11,243	0.3	11,814,660	0	0	0	89,078
Dec-05	744	596	80%	837	536	429	80%	744	596	80%	32,329	0.9	11,846,989	0.0	0.0	0	89,078
Jan-06	744	690	93%	826	536	497	93%	744	690	93%	12,482	0.3	11,859,471	0.3	0.0	0	89,078
Feb-06	672	338	50%	877	484	243	50%	672	338	50%	6,718	0.3	11,866,189	0.0	NS	--	89,106
Mar-06	744	240	32%	877	536	172	32%	744	240	32%	12,783	0.9	11,878,972	0	0	0	89,106
Apr-06	720	581	81%	835	518	418	81%	720	581	81%	31,339	0.9	11,910,311	1	0.5	2	89,108
May-06	744	532	71%	812	536	383	71%	744	532	71%	38,638	1.2	11,948,949	0.5	0	0	89,108
Jun-06	720	650	90%	817	518	468	90%	720	650	90%	15,870	0.4	11,964,819	1.7	0	0	89,108
Jul-06	744	588	79%	817	536	423	79%	744	650	87%	32,823	0.8	11,997,642	0.8	0	0	89,108
Aug-06	744	666	89%	801	536	479	89%	744	588	79%	42,594	1.2	12,040,236	0.4	0	0	89,108
Sep-06	720	372	52%	794	518	268	52%	720	372	52%	8,219	0.4	12,048,455	0.7	NS	--	89,108
Oct-06	744	180	24%	820	536	130	24%	744	180	24%	1,508	0.1	12,049,963	2.5	NS	--	89,108
Nov-06	683	576	84%	790	492	415	84%	683	576	84%	17,693	0.5	12,067,656	1.3	0.0	0	89,108
Dec-06	840	312	37%	807	605	224	37%	840	312	37%	4,364	0.2	12,072,020	1.5	0.0	0	89,108

TABLE 2A
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Period Of Operation	SOIL VAPOR EXTRACTION SYSTEM				AIR SPARGE SYSTEM			GROUNDWATER TREATMENT SYSTEM						COMBINED SVE/AIR STRIPPER VAPOR STREAM			
	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (scfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average LEL Reading (Percent)	Total VOC Concentration (ppmv) (mg/m^3)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
Jan-07	668	624	93%	774	481	449	93%	668	624	93%	10,656	0.3	12,082,676	1.7	0.0	0	89,108
Feb-07	672	622	93%	787	484	448	93%	672	622	93%	2,934	0.1	12,085,610	0.8	0	0	89,108
Mar-07	676	652	97%	630	486	469	97%	673	317	47%	2,802	0.1	12,088,412	0.2	0.0	0	89,108
Apr-07	840	192	23%	680	605	138	23%	840	175	21%	4,837	0.5	12,093,249	0.6	0.68	0	89,108
May-07	665	665	100%	741	479	479	100%	665	572	86%	15,217	0.4	12,108,466	0.2	33.9	66	89,173
Jun-07	840	770	92%	683	605	554	92%	840	770	92%	4,713	0.1	12,113,179	1	27.69	55	89,228
Jul-07	672	642	96%	657	484	462	96%	672	642	96%	3,625	0.1	12,116,804	1.2	2.2	4	89,231
Aug-07	841	794	94%	677	605	572	94%	841	794	94%	6,062	0.1	12,122,866	2.1	0.3	1	89,232
Sep-07	671	648	97%	821	483	467	97%	671	648	97%	3,800	0.1	12,126,666	0.2	2.1	4	89,236
Oct-07	843	843	100%	802	607	607	100%	843	843	100%	3,779	0.1	12,130,445	0.5	0	0	89,236
Nov-07	671	671	100%	802	483	483	100%	671	671	100%	2,580	0.1	12,133,025	0.1	0.0	0	89,236
Dec-07	831	260	31%	859	598	187	31%	831	260	31%	533	0.0	12,133,558	0.5	0.0	0	89,236
Jan-08	674	609	90%	828	485	438	90%	674	609	90%	2,769	0.1	12,136,327	0.0	0.0	0	89,236
Feb-08	672	652	97%	830	484	469	97%	672	652	97%	4,713	0.1	12,141,040	0.5	0	0	89,236
Mar-08	671	620	92%	811	483	446	92%	671	620	92%	5,078	0.1	12,146,118	1.0	0.0	0	89,236
Apr-08	673	673	100%	814	485	485	100%	673	673	100%	1,502	0.0	12,147,620	1.3	0	0	89,236
May-08	840	279	33%	817	605	201	33%	840	279	33%	7,224	0.4	12,154,844	0.9	0.0	0	89,236
Jun-08	672	647	96%	812	484	466	96%	672	633	94%	17,184	0.5	12,172,028	0.8	0.29	1	89,237
Jul-08	672	533	79%	799	484	384	79%	672	533	79%	13,915	0.4	12,185,943	0.9	0.3	0	89,237
Aug-08	729	424	58%	782	525	305	58%	729	424	58%	16,505	0.6	12,202,448	2.4	0	0	89,237
Sep-08	783	558	71%	808	159	113	71%	783	558	71%	24,043	0.7	12,226,491	3.6	0.0	0	89,237
Oct-08	673	625	93%	775	485	450	93%	673	536	80%	13,115	0.4	12,239,606	1.0	0	0	89,237
Nov-08	840	566	67%	794	605	408	67%	840	566	67%	16,386	0.5	12,255,992	1.6	0.0	0	89,237
Dec-08	711	409	58%	811	512	294	58%	711	409	58%	5,711	0.2	12,261,703	1.8	0.0	0	89,237
Jan-09	System was off line from 22 December 2008 through 2 February due to multiple electrical and mechanical failures.																
Feb-09	696	513	74%	808	501	369	74%	696	513	74%	3,175	0.1	12,264,878	2.4	0.0	0	89,237
Mar-09	729	554	76%	806	525	399	76%	729	516	71%	7,895	0.3	12,272,773	0.2	0.0	0	89,237
Apr-09	735	70	10%	NA	529	50	10%	735	70	10%	260	0.1	12,273,033	NA	NA	0	89,237
May-09	744	0	0%	0	536	0	0%	0	0	0%	0	0.0	12,273,033	NA	NA	0	89,237
Jun-09	696	0	0%	0	501	0	0%	0	0	0%	0	0.0	12,273,033	NA	NA	0	89,237

Note:
scfm - Standard Cubic Feet Per Minute
Lbs./Mo. - Pounds Per Month
Gal./Mo. - Gallons Per Month
ppm - Parts Per Million
*: Air Sparge system operation period time value reflects a system pulse factor of 22 percent. Data adjusted to reflect the actual pulse on time of 22%
(a) Air sparge system operational period increased to a pulse factor of 72 percent in June 2005. Data reflects pulse factor of 72%
(b): As of September 2005, total VOC concentration measured using EPA Method TO-3
Refer to Monthly Operations Reports and Alarm Summaries presented in Attachment B for detailed descriptions of alarm conditions and resultant system on-line factors.

TABLE 2A
Remediation System Effectiveness Summary
AES Shore Realty Site, Glenwood Landing, New York

Period Of Operation	SOIL VAPOR EXTRACTION SYSTEM				AIR SPARGE SYSTEM *			GROUNDWATER TREATMENT SYSTEM						SVE VOCs			GW VOCs **			
	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (scfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average LEL Reading (Percent)	SVE VOC Concentration (mg/m^3)	SVE VOC Removal (Lbs./Mo.)	GW VOC Concentration (ppb or ug/l)	GW VOC Removal (Lbs./Mo.)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
Jul-09	762	457	60%	740	549	329	60%	762	457	60%	135,618	3.0	12,408,651	0.0	18.0	22.8	328.5	0.37	23.1	89,260
Aug-09	744	634	85%	743	536	456	85%	744	519	70%	121,322	3.9	12,529,973	0.0	2.6	4.6	115.8	0.12	4.7	89,265
Sep-09	720	684	95%	751	518	492	95%	720	520	72%	77,355	1.8	12,607,328	0.0	1.4	2.7	69.7	0.04	2.7	89,267
Oct-09	744	190	26%	725	536	137	26%	744	607	82%	147,851	4.1	12,755,179	0.0	0.0	0.0	17.1	0.02	0.02	89,267
Nov-09	720	372	52%	735	518	268	52%	720	602	84%	133,655	3.7	12,888,834	0.0	0.6	0.6	30.4	0.03	0.65	89,268
Dec-09	744	87	12%	712	536	63	12%	744	727	98%	149,215	3.4	13,038,049	0.0	0.4	0.1	411.4	0.51	0.60	89,269
Jan-10	744	85	11%	719	536	61	11%	744	671	90%	105,579	2.6	13,143,628	0.0	NA	0.0	55.2	0.05	0.05	89,269
Feb-10	672	565	84%	726	484	407	84%	672	565	84%	78,455	2.3	13,222,083	0.0	0.0	0.0	494.8	0.32	0.32	89,269
Mar-10	744	335	45%	724	536	241	45%	744	560	75%	158,029	4.7	13,380,112	0.0	0.9	0.9	493.7	0.65	1.5	89,270
Apr-10	720	332	46%	712	518	239	46%	720	720	100%	168,704	3.9	13,548,816	0.0	0.2	0.2	238.0	0.33	0.54	89,271
May-10	744	718	97%	730	536	517	97%	744	734	99%	119,204	2.7	13,668,020	0.0	0.4	0.7	269.8	0.27	1.0	89,272
Jun-10	720	701	97%	730	518	505	97%	720	714	99%	92,236	2.2	13,760,256	0.0	0.0	0.0	253.5	0.20	0.20	89,272
Jul-10	744	646	87%	744	536	465	87%	744	646	87%	43,751	1.1	13,804,007	0.0	0.0	0.0	52.6	0.02	0.02	89,272
Aug-10	744	644	87%	708	536	464	87%	744	662	89%	79,755	2.0	13,883,762	0.0	0.0	0.0	160.7	0.11	0.11	89,272
Sep-10	720	518	72%	722	518	373	72%	720	698	97%	101,506	2.4	13,985,268	0.0	0.0	0.0	77.9	0.07	0.07	89,272
Oct-10	744	290	39%	738	536	209	39%	744	744	100%	105,502	2.4	14,090,770	0.0	0.0	0.0	82.6	0.07	0.07	89,272
Nov-10	720	578	80%	720	518	416	80%	720	720	100%	102,542	2.4	14,193,312	0.0	0.0	0.0	224.3	0.19	0.19	89,273
Dec-10	744	450	60%	725	536	324	60%	744	571	77%	64,242	1.9	14,257,554	0.0	15.0	18.3	79.4	0.04	18.3	89,291
Jan-11	744	418	56%	722	536	301	56%	744	744	100%	71,797	1.6	14,329,351	0.0	0.0	0.0	225.4	0.13	0.13	89,291
Feb-11	672	517	77%	729	484	372	77%	672	672	100%	41,739	1.0	14,371,090	0.0	0.0	0.0	0.0	0.00	0.00	89,291
Mar-11	744	553	74%	720	536	398	74%	744	565	76%	76,426	2.3	14,447,516	0.0	1.2	1.8	20.7	0.01	1.9	89,293
Apr-11	720	542	75%	714	518	390	75%	720	599	83%	95,658	2.7	14,543,174	0.0	0.0	0.0	104.1	0.08	0.08	89,293
May-11	744	625	84%	720	536	450	84%	744	632	85%	59,602	1.6	14,602,776	0.0	18.0	30.3	87.1	0.04	30.3	89,323
Jun-11	720	593	82%	722	518	427	82%	720	593	82%	68,326	1.9	14,671,102	0.0	0.9	1.5	4.5	0.00	1.5	89,325
Jul-11	744	628	84%	718	536	452	84%	744	628	84%	58,183	1.5	14,729,285	0.0	0.0	0.0	0.0	0.00	0.00	89,325
Aug-11	744	561	75%	724	536	404	75%	744	648	87%	83,959	2.2	14,813,244	0.0	0.0	0.0	0.9	0.00	0.00	89,325
Sep-11	720	562	78%	721	518	405	78%	720	680	94%	94,466	2.3	14,907,710	0.0	0.0	0.0	1.7	0.00	0.00	89,325
Oct-11	744	669	90%	717	536	482	90%	744	692	93%	78,376	1.9	14,986,086	0.0	1.5	2.7	1.7	0.00	2.7	89,327
Nov-11	720	659	92%	715	518	474	92%	720	659	92%	49,054	1.2	15,035,140	0.0	0.0	0.0	22.2	0.01	0.01	89,327
Dec-11	744	155	21%	716	536	80	15%	744	155	21%	16,276	1.8	15,051,416	0.0	0.0	0.0	2.8	0.00	0.00	89,327
Jan-12	744	577	78%	714	536	415	78%	744	634	85%	66,276	1.7	15,117,692	0.0	0.0	0.0	17.8	0.010	0.01	89,327
Feb-12	696	696	100%	714	501	501	100%	696	696	100%	59,517	1.4	15,177,209	0.0	20.0	37.1	42.7	0.02	37.2	89,365
Mar-12	744	705	95%	718	536	508	95%	744	705	95%	60,886	1.4	15,238,095	0.0	0.0	0.0	31.2	0.02	0.02	89,365
Apr-12	720	718	100%	714	518	517	100%	720	718	100%	61,633	1.4	15,299,728	0.0	0.0	0.0	0.0	0.00	0.00	89,365
May-12	744	683	92%	720	536	492	92%	744	683	92%	60,546	1.5	15,360,274	0.0	2.2	4.0	0.0	0.00	4.0	89,369
Jun-12	720	720	100%	718	518	518	100%	720	720	100%	81,331	1.9	15,441,605	0.0	0.0	0.0	16.4	0.01	0.01	89,369
Jul-12	744	645	87%	721	536	464	87%	744	663	89%	60,031	1.5	15,501,636	0.0	0.0	0.0	13.8	0.01	0.01	89,369
Aug-12	744	539	72%	714	536	388	72%	744	744	100%	57,243	1.3	15,558,879	0.0	0.0	0.0	0.3	0.00	0.00	89,369
Sep-12	720	690	96%	710	518	497	96%	720	718	100%	45,607	1.1	15,604,486	0.0	0.0	0.0	10.8	0.00	0.00	89,369
Oct-12	744	674	91%	706	536	485	91%	744	674	91%	49,698	1.2	15,654,184	0.0	0.0	0.0	1.7	0.00	0.00	89,369
Nov-12	720	330	46%	714	518	238	46%	720	642	89%	41,833	1.1	15,696,017	0.0	0.0	0.0	23.5	0.01	0.01	89,369
Dec-12	744	534	72%	716	536	384	72%	744	742	99.7%	67,669	1.5	15,763,686	0.0	17.0	24.3	46.4	0.026	24.3	89,393

TABLE 2A
Remediation System Effectiveness Summary
AES Shore Realty Site, Glenwood Landing, New York

Period Of Operation	SOIL VAPOR EXTRACTION SYSTEM				AIR SPARGE SYSTEM *			GROUNDWATER TREATMENT SYSTEM						SVE VOCs			GW VOCs **			
	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (scfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average LEL Reading (Percent)	SVE VOC Concentration (mg/m^3)	SVE VOC Removal (Lbs./Mo.)	GW VOC Concentration (ppb or ug/l)	GW VOC Removal (Lbs./Mo.)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
Jan-13	744	700	94%	716	536	504	94%	744	742	99.7%	48,925	1.1	15,812,611	0.0	0.0	0.0	4.9	0.002	0.00	89,393
Feb-13	672	488	73%	713	484	351	73%	672	488	73%	40,688	1.4	15,853,299	0.0	0.0	0.0	7.6	0.00	0.00	89,393
Mar-13	744	736	99%	721	536	530	99%	744	744	100%	84,135	1.9	15,937,434	0.0	0.0	0.0	19.0	0.01	0.01	89,393
Apr-13	720	720	100%	711	518	518	100%	720	720	100%	98,411	2.3	16,035,845	0.0	4.8	9.2	8.1	0.01	9.2	89,402
May-13	744	744	100%	714	536	536	100%	744	744	100%	48,998	1.1	16,084,843	0.0	6.1	12.1	0.0	0.00	12.1	89,414
Jun-13	720	471	65%	717	518	339	65%	720	623	87%	52,473	1.4	16,137,316	0.0	5.2	6.6	1.2	0.00	6.6	89,421
Jul-13	744	602	81%	719	536	433	81%	744	602	81%	29,282	0.8	16,166,598	0.0	4.1	6.6	7.1	0.00	6.6	89,428
Aug-13	744	736	99%	721	536	530	99%	744	736	99%	25,279	0.6	16,191,877	0.0	7.4	14.7	1.8	0.00	14.7	89,442
Sep-13	720	643	89%								26,071	0.7	16,217,948	0.0	0.5	0.0	0.0	0.00	0.00	89,442
Oct-13	744	321	43%	714	536	231	43%	744	321	43%	12,095	0.6	16,230,043	0.0	0.0	0.0	0.0	0.00	0.00	89,442
Nov-13	336	263	78%	720	242	189	78%	336	216	64%	65,182	5.0	16,295,225	0.0	6.5	4.6	474.9	0.26	4.9	89,447
Dec-13	744	603	81%	717	536	434	81%	744	603	81%	165,754	4.6	16,460,979	0.0	0.0	0.0	51.5	0.071	0.07	89,447
Jan-14	443	440	99%	710	319	317	99%	443	440	99%	115,805	4.4	16,576,784	0.0	5.6	6.5	103.0	0.099	6.6	89,454
Feb-14	227	147	65%	712	163	106	65%	227	147	65%	32,378	3.7	16,609,162	0.0	0.0	0.0	297.0	0.08	0.08	89,454
Mar-14	744	560	75%	709	536	403	75%	744	560	75%	141,212	4.3	16,750,374	0.0	2.5	3.7	966.3	1.14	4.8	89,459
Apr-14	421	373	89%	715	303	269	89%	421	373	89%	116,176	5.2	16,866,550	0.0	2.5	2.5	1331.4	1.29	3.8	89,463
May-14	303	277	91%	715	218	199	91%	303	243	80%	48,945	3.4	16,915,495	0.0	4.0	3.0	1108.0	0.45	3.4	89,466
Jun-14	720	646	90%	718	518	465	90%	720	580	81%	136,478	3.9	17,051,973	0.0	28.3	49.1	265.0	0.30	49.4	89,515
Jul-14	423	421	100%	709	305	303	100%	423	216	51%	47,432	3.7	17,099,405	0.0	0.0	0.0	3.2	0.00	0.00	89,515
Aug-14	156	156	100%	711	112	112	100%	156	138	88%	21,403	2.6	17,120,808	0.0	0.0	0.0	492.5	0.09	0.09	89,515
Sep-14	720	720	100%	718	518	518	100%	720	627	87%	85,107	2.3	17,205,915	0.0	7.8	15.1	195.0	0.14	15.2	89,531
Oct-14	550	407	74%	709	396	293	74%	550	407	74%	77,123	3.2	17,283,038	0.0	0.0	0.0	195.0	0.13	0.1	89,531
Nov-14	227	172	76%	717	163	124	76%	227	172	76%	51,165	5.0	17,334,203	0.0	13.0	6.0	73.9	0.03	6.0	89,537
Dec-14	744	362	49%	709	536	261	49%	744	350	47%	90,506	4.3	17,424,709	0.0	9.6	9.2	28.5	0.022	9.3	89,546
Jan-15	541	523	97%	715	390	376	97%	541	479	89%	124,570	4.3	17,549,279	0.0	7.4	10.3	62.5	0.065	10.4	89,556
Feb-15	130	130	100%	703	94	94	100%	130	116	89%	32,186	4.6	17,581,465	0.0	10.0	3.4	510.2	0.14	3.6	89,560
Mar-15	744	739	99%	605	536	532	99%	744	649	87%	184,026	5.0	17,765,491	0.0	30.0	50.1	1081.0	1.66	51.8	89,612
Apr-15	559	544	97%	705	402	392	97%	559	525	94%	132,905	4.2	17,898,396	0.0	11.0	15.8	376.9	0.42	16.2	89,628
May-15	208	208	100%	709	150	150	100%	208	208	100%	50,247	4.0	17,948,643	0.0	63.3	34.9	472.8	0.20	35.1	89,663
Jun-15	720	716	99%	715	518	516	99%	720	669	93%	127,246	3.2	18,075,889	0.0	57.1	109.3	21.1	0.02	109.3	89,772
Jul-15	539	539	100%	707	388	388	100%	539	539	100%	125,078	3.9	18,200,967	0.0	7.4	10.5	11.1	0.01	10.6	89,783
Aug-15	232	232	100%	710	167	167	100%	232	232	100%	62,887	4.5	18,263,854	0.0	7.4	4.6	131.8	0.07	4.6	89,788
Sep-15	720	666	93%	707	518	480	93%	720	618	86%	130,966	3.5	18,394,820	0.0	7.4	13.0	147.0	0.16	13.2	89,801
Oct-15	536	380	71%	711	386	273	71%	536	405	76%	97,273	4.0	18,492,093	0.0	6.5	6.6	210.9	0.17	6.7	89,807
Nov-15	184	184	100%	701	132	132	100%	184	184	100%	55,856	5.1	18,547,949	0.0	32.2	15.5	925.4	0.43	16.0	89,823
Dec-15	744	744	100%	707	536	536	100%	744	744	100%	210,311	4.7	18,758,260	0.0	4.8	9.4	0.0	0.00	9.4	89,833
Jan-16	518	518	100%	697	373	373	100%	518	518	100%	131,538	4.2	18,889,798	0.0	54.2	73.1	31.1	0.034	73.2	89,906
Feb-16	160	158	99%	709	115	114	99%	160	156	98%	41,040	4.4	18,930,838	0.0	9.1	3.8	91.7	0.03	3.8	89,910
Mar-16	744	713	96%	703	536	513	96%	744	713	96%	186,376	4.4	19,117,214	0.0	12.0	22.5	96.7	0.15	22.6	89,933
Apr-16	518	376	73%	709	373	271	73%	518	376	73%	87,672	3.9	19,204,886	0.0	16.3	16.2	5.3	0.004	16.2	89,949
May-16	256	256	100%	693	184	184	100%	256	256	100%	63,702	4.1	19,268,588	0.0	3.6	2.4	123.6	0.07	2.5	89,951
Jun-16	720	638	89%	701	518	459	89%	720	638	89%	155,385	4.1	19,423,973	0.0	4.2	7.0	23.6	0.03	7.1	89,958
Jul-16	512	384	75%	691	369	276	75%	512	397	78%	96,414	4.0	19,520,387	0.0	37.0	36.7	35.8	0.03	36.7	89,995
Aug-16	233	190	82%	703	168	137	82%	233	190	82%	54,612	4.8	19,574,999	0.0	0.0	0.0	54.3	0.02	0.02	89,995
Sep-16	720	123	17%	699	518	89	17%	720	600	83%	133,737	3.7	19,708,736	0.0	8.3	2.7	66.8	0.07	2.7	89,998

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Period Of Operation	SOIL VAPOR EXTRACTION SYSTEM				AIR SPARGE SYSTEM *			GROUNDWATER TREATMENT SYSTEM						SVE VOCs			GW VOCs **			
	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (scfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average LEL Reading (Percent)	SVE VOC Concentration (mg/m^3)	SVE VOC Removal (Lbs./Mo.)	GW VOC Concentration (ppb or ug/l)	GW VOC Removal (Lbs./Mo.)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
Oct-16	664	538	81%	695	478	387	81%	664	645	97%	161,320	4.2	19,870,056	0.0	0.0	0.0	26.9	0.04	0.04	89,998
Nov-16	64	0	0%	0	46	0	0%	64	64	100%	20,462	5.3	19,890,518	0.0	0.0	0.0	217.0	0.04	0.04	89,998
Dec-16	744	105	14%	700	536	76	14%	744	527	71%	136,074	4.3	20,026,592	0.0	12.0	3.3	4.9	0.01	3.3	90,001
Jan-17	638	517	81%	685	459	372	81%	638	554	87%	141,102	4.2	20,167,694	0.0	11.0	14.6	143.3	0.17	14.7	90,016
Feb-17	41	41	100%	603	30	30	100%	41	41	100%	16,576	6.8	20,184,270	0.0	10.0	0.9	410.8	0.06	0.98	90,017
Mar-17	744	676	91%	598	536	487	91%	744	723	97%	195,236	4.5	20,379,506	0.0	6.5	9.8	374.9	0.61	10.4	90,027
Apr-17	614	608	99%	619	442	438	99%	614	521	85%	162,439	5.2	20,541,945	0.0	5.2	7.3	216.9	0.29	7.6	90,035
May-17	40	40	100%	609	29	29	100%	40	40	100%	17,652	7.3	20,559,597	0.0	9.1	0.8	572.1	0.08	0.91	90,036
Jun-17	720	639	89%	602	518	460	89%	720	597	83%	177,871	5.0	20,737,468	0.0	9.1	13.1	264.0	0.39	13.5	90,049
Jul-17	656	254	39%	600	472	183	39%	656	539	82%	129,790	4.0	20,867,258	0.0	9.1	5.2	194.7	0.21	5.4	90,055
Aug-17	0	0	0%	0	0	0	0%	89	89	100%	27,430	5.2	20,894,688	0.0	0.0	0.0	335.1	0.08	0.08	90,055
Sep-17	0	0	0%	0	0	0	0%	720	620	86%	161,734	4.3	21,056,422	0.0	0.0	0.0	72.4	0.10	0.10	90,055
Oct-17	733	358	49%	593	528	258	49%	733	539	74%	130,138	4.0	21,186,560	0.0	21.1	16.7	35.9	0.04	16.8	90,072
Nov-17	65	44	68%	589	47	32	68%	65	65	100%	5,320	1.4	21,191,880	0.0	10.0	1.0	240.0	0.01	0.98	90,073
Dec-17	744	231	31%	586	536	166	31%	744	730	98%	142,994	3.3	21,334,874	0.0	14.0	7.1	112.7	0.13	7.2	90,080
Jan-18	648	203	31%	600	467	146	31%	648	635	98%	146,725	3.8	21,481,599	0.0	26.0	11.8	133.4	0.163	12.0	90,092
Feb-18	17	17	100%	587	12	12	100%	17	17	100%	9,745	9.7	21,491,344	0.0	21.0	0.8	261.1	0.02	0.80	90,093
Mar-18	744	276	37%	600	536	199	37%	744	516	69%	145,577	4.7	21,636,921	0.0	11.0	6.8	337.3	0.41	7.2	90,100
Apr-18	631	479	76%	605	454	345	76%	631	612	97%	165,292	4.5	21,802,213	0.0	11.0	11.9	677.0	0.93	12.8	90,113
May-18	65	65	100%	573	47	47	100%	65	65	100%	20,778	5.4	21,822,991	0.0	12.0	1.7	559.6	0.10	1.8	90,114
Jun-18	720	388	54%	558	518	279	54%	720	610	85%	155,471	4.2	21,978,462	0.0	53.0	42.9	43.0	0.06	42.9	90,157
Jul-18	640	579	90%	571	461	417	90%	640	571	89%	124,469	3.6	22,102,931	0.0	74.9	92.6	46.4	0.05	92.6	90,250
Aug-18	112	25	22%	565	81	18	22%	112	112	100%	27,495	4.1	22,130,426	0.0	0.0	0.0	193.9	0.04	0.04	90,250
Sep-18	0	0	0%	0	0	0	0%	720	611	85%	142,959	3.9	22,273,385	0.0	0.0	0.0	50.1	0.06	0.06	90,250
Oct-18	612	59	10%	580	441	42	10%	612	519	85%	107,993	3.5	22,381,378	0.0	0.0	0.0	31.4	0.03	0.03	90,250
Nov-18	0	0	0%	0	0	0	0%	109	109	100%	37,024	5.7	22,418,402	0.0	0.0	0.0	102.0	0.03	0.03	90,250
Dec-18	744	443	60%	558	536	319	60%	744	716	96%	198,297	4.6	22,616,699	0.0	0.0	0.0	160.9	0.27	0.27	90,250

62%

91%

Aug-Dec 513,768

Note:
scfm - Standard Cubic Feet Per Minute
Lbs./Mo. - Pounds Per Month
Gal./Mo. - Gallons Per Month
ppm - Parts Per Million
*: Air Sparge system operation period time value reflects a system pulse factor of 72 percent since June 2005. Data adjusted to reflect the actual pulse on time of 72%. Prior to June 2005,pulse factor was 22%.
**: Mass removal is broken into component vapor and groundwater yields since the elimination of air stripping of groundwater in July 2009. Groundwater is treated via activated carbon.
Refer to Monthly Operations Reports and Alarm Summaries presented in Attachment B for detailed descriptions of alarm conditions and resultant system on-line factors.

Table 2B
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Remediation System Effectiveness Summary (January 2019 - April 2020)

Period of Operation	SOIL VAPOR EXTRACTION SYSTEM				AIR SPARGE SYSTEM			GROUNDWATER TREATMENT SYSTEM						SVE VOCs			GW VOCs		MASS REMOVAL SUMMARY	
	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Average Air Flow Rate (cfm)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Operation Period Time (Hours)	Total System Run Time (Hours)	On-Line Factor (Percent)	Total Water Processed (Gal./Mo.)	Recovery Well Flow (Gal./Min.)	Cumulative Gal. Water	Average PID Reading (ppm)	SVE VOC Concentration (mg/m3)	SVE VOC Removal (Lbs./Mo.)	GW VOC Concentration (ppb or ug/l)	GW VOC Removal (Lbs./Mo.)	Total VOC Removal (Lbs./Mo.)	Cumulative Lbs. VOC Removed
1/19 to 7/19	System was shut down from January 2019 to July 22, 2019																			
Aug-19	744	480	65%	742	744	131	18%	744	N/M	74%	91,765	2.1	22,708,464	0	4.47	5.97	80.26	0.06	6.03	90,256
Sep-19	672	599	89%	722	672	328	49%	672	N/M	57%	89,849	2.2	22,798,313	0	0	0	203.4	0.15	0.15	90,256
Oct-19	0	0	0%	0	0	0	0%	0	N/M	N/M	0	0	22,798,313	0	-	0	-	-	0	90,256
Nov-19	712	629	88%	719	712	629	88%	712	N/M	88%	133,613	3.1	22,931,926	0	0	0	0	0.00	0.00	90,256
Dec-19	733	461	63%	718	733	461	63%	733	N/M	63%	79,329	1.8	23,011,255	0	1.74	2.16	3.3	0.00	2.16	90,258
Jan-20	0	0	0%	0	0	0	0%	0	N/M	0%	0	0	23,011,255	0	-	0	-	-	0	90,258
Feb-20	688	515	75%	743	688	515	75%	688	N/M	91%	121,054	2.9	23,132,309	0	1.6	2.29	152.0	0.15	2.45	90,261
Mar-20	704	628	89%	807	704	628	89%	704	N/M	100%	104,197	2.5	23,236,506	0	0	0.0	225.7	0.20	0.20	90,261
Apr-20	0	0	0%	0	0	0	0%	0	N/M	N/M	0	0	23,236,506	0	-	0	-	-	0.00	90,261

Notes:
Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.
SVE - Soil Vapor Extraction
GW - Groundwater
VOCs - Volatile Organic Compounds
PID - Photoionization Detector
cfm - Cubic Feet Per Minute
Lbs./Mo. - Pounds Per Month
Gal./Mo. - Gallons Per Month
ppm - Parts Per Million
Gal./Min. - Gallons per Minute
ppb or ug/l - Parts per Billion or Micrograms per Liter
mg/m^3 - milligrams per cubic meter
Lbs. VOC - Pounds of Volatile Organic Compound
NA - Not Applicable
N/M - Not Measured

Table 2C
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Mass Removal Summary
November 2013 - April 2020

Pulse Cycles	Month	System Run Start/End Dates	Sample Date	Influent Groundwater Total VOCs (ug/l)	Groundwater VOC Removal (lbs./mo.)	Groundwater % of Total VOC Removal for Month	Influent Vapor Total VOCs (mg/m^3)	SVE VOC Removal (lbs./mo.)	SVE % of Total VOC Removal For Month	Total VOC Removal (lbs./mo.)
1	November	11/16/2013	11/23/2013	474.9	0.26	5%	6.5	4.6	95%	4.86
	December		12/15/2013	51.5	0.07	100%	0	0	0%	0.07
	January	1/19/2014	1/19/2014	103	0.1	1%	5.6	6.5	99%	6.60
	Shutdown									
2	February	2/19/2014	2/20/2014	297	0.08	100%	0	0	0%	0.08
	March		3/17/2014	966.3	1.14	23%	2.5	3.7	77%	4.84
	April	4/18/2014	4/10/2014	1331.4	1.29	34%	2.5	2.5	66%	3.79
	Shutdown									
3	May	5/19/2014	5/28/2014	1108	0.45	13%	4	3	87%	3.45
	June		6/25/2014	265	0.3	1%	28.3	49.1	99%	49.40
	July	7/18/2014	7/16/2014	3.2	0	100%	0	0	0%	0.00
	Shutdown									
4	August	8/25/2014	9/2/2014	492.5	0.09	100%	0	0	0%	0.09
	September		10/1/2014	195	0.14	1%	7.8	15.1	99%	15.24
	October	10/24/2014	10/17/2014	195	0.13	100%	0	0	0%	0.13
	Shutdown									
5	November	11/21/2014	11/25/2014	73.9	0.03	1%	13	6	99%	6.03
	December		12/22/2014	28.5	0.02	0%	9.6	9.2	100%	9.22
	January	1/23/2015	1/13/2015	62.5	0.06	1%	7.4	10.3	99%	10.36
	Shutdown									
6	February	2/23/2015	3/2/2015	510.2	0.14	4%	10	3.4	96%	3.54
	March		3/31/2015	1081	1.66	3%	30	50.1	97%	51.76
	April	4/24/2015	4/23/2015	376.9	0.42	3%	11	15.8	97%	16.22
	Shutdown									
7	May	5/23/2015	5/26/2014	472.8	0.2	1%	63.3	34.9	99%	35.10
	June		6/29/2015	21.1	0.02	0%	57.1	109.3	100%	109.32
	July	7/23/2015	7/23/2015	11.1	0.01	0%	7.4	10.5	100%	10.51
	Shutdown									
8	August	8/22/2015	8/27/2015	131.8	0.07	1%	7.4	4.6	99%	4.67
	September		9/29/2015	147	0.16	1%	7.4	13	99%	13.16
	October	10/23/2015	10/22/2015	210.9	0.17	3%	6.5	6.6	97%	6.77
	Shutdown									
9	November	11/23/2015	11/24/2015	925.4	0.43	3%	32.2	15.5	97%	15.93
	December		12/22/2015	0	0	0%	4.8	9.4	100%	9.40
	January	1/22/2016	1/21/2016	31.1	0.03	0%	54.2	73.1	100%	73.13
	Shutdown									
10	February	2/23/2016	3/1/2016	91.7	0.03	1%	9.1	3.8	99.2%	3.83
	March		3/31/2016	96.7	0.15	1%	12	22.5	99%	22.65
	April	4/22/2016	4/21/2016	5.3	0	0%	16.3	16.2	100%	16.20
	Shutdown									
11	May	5/21/2016	5/25/2016	123.6	0.07	3%	3.6	2.4	97.3%	2.47
	June		6/27/2016	23.6	0.03	0%	4.2	7	100%	7.03
	July	7/22/2016	7/20/2016	35.8	0.03	0%	37	36.7	100%	36.73
	Shutdown									
12	August	8/22/2016	8/24/2016	54.3	0.02	100%	0	0	0.00%	0.02
	September		9/22 and 29/16	66.8	0.07	3%	8.3	2.7	97.3%	2.77
	October	10/28/2016	10/25/2016	26.9	0.04	100%	0	0	0.00%	0.04
	Shutdown									

Table 2C
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Mass Removal Summary
November 2013 - April 2020

Pulse Cycles	Month	System Run Start/End Dates	Sample Date	Influent Groundwater Total VOCs (ug/l)	Groundwater VOC Removal (lbs./mo.)	Groundwater % of Total VOC Removal for Month	Influent Vapor Total VOCs (mg/m^3)	SVE VOC Removal (lbs./mo.)	SVE % of Total VOC Removal For Month	Total VOC Removal (lbs./mo.)
13	November	11/28/2016	11/30/2016	217	0.04	100%	0	0	0.0%	0.04
	December		12/29/2016	4.9	0.01	0.20%	12	3.3	99.8%	3.31
	January	1/27/2017	1/25/2017	143.3	0.17	1%	11	14.6	98.9%	14.77
	Shutdown									
14	February	2/27/2017	3/2/2017	410.8	0.06	6%	10	0.9	94.2%	0.96
	March		3/27/2017	374.9	0.61	5.90%	6.5	9.8	94.1%	10.41
	April	4/26/2017	4/20/2017	216.9	0.29	4%	5.2	7.3	96.1%	7.59
	Shutdown									
15	May	5/30/2017	6/1/2017	572.1	0.08	9%	9.1	0.8	90.8%	0.88
	June		6/28/2017	264	0.39	3%	9.1	13.1	97.1%	13.49
	July	7/28/2017	7/27/2017	194.7	0.21	4%	9.1	5.2	96.1%	5.41
	Shutdown									
16	August	8/28/2017	8/30/2017	335.1	0.08	100%	0	0	0.0%	0.08
	September		9/28/2017	72.4	0.1	100%	0	0	0.0%	0.10
	October	10/31/2017	10/31/2017	35.9	0.04	0%	21.1	16.7	99.8%	16.74
	Shutdown									
17	November	11/28/2017	11/30/2017	240	0.01	1%	10	1	98.90%	1.01
	December		12/28/2017	112.7	0.13	1.86%	14	7.1	98.14%	7.23
	January	1/28/2017	1/26/2018	133.4	0.16	1.36%	26	11.8	98.64%	11.96
	Shutdown									
18	February	2/28/2018	3/6/2018	261.1	0.02	3%	21	0.78	97.36%	0.80
	March		3/29/2018	337.3	0.41	5.67%	11	6.8	94.33%	7.21
	April	4/27/2018	4/24/2018	677	0.93	7.26%	11	11.9	92.74%	12.83
	Shutdown									
19	May	5/29/2018	5/31/2018	559.6	0.1	5%	12	1.67	94.51%	1.77
	June		6/25/2018	43	0.06	0.13%	53	42.9	99.87%	42.96
	July	7/27/2018	7/26/2018	46.4	0.05	0.05%	74.9	92.6	99.95%	92.65
	Shutdown									
20	August	8/27/2018	8/29/2018	193.9	0.04	100%	0	0	0.00%	0.04
	September		9/26/2018	50.1	0.06	100%	0	0	0.00%	0.06
	October	10/26/2018	10/26/2018	31.4	0.03	100%	0	0	0.00%	0.03
	Shutdown									
21	November	11/26/2018	11/29/2018	102	0.03	100%	0	0	0.00%	0.03
	December		12/27/2018	160.9	0.27	100%	0	0	0.00%	0.27
	January									
	Shutdown									
22	July	7/22/2019	No samples collected during start-up and shake-down period in July 2019							
	August		8/20/19 & 8/23/19	80.26	0.06	1.02%	4.47	5.97	98.98%	6.03
	September	9/30/2019	9/27/2019	203.4	0.15	100%	0	0	0.00%	0.15
	October	Shutdown								
23	November	11/1/2019	11/25/2019	0	0.00	-	0	0	-	0.00
	December	12/30/2019	12/26/2019	3.3	0.00	0%	1.74	2.16	99.90%	2.16
	January	Shutdown								
24	February	2/3/2020	2/27/2020	152	0.15	6%	1.6	2.29	93.73%	2.45
	March	3/30/2020	3/26/2020	225.7	0.20	100%	0	0	0.00%	0.20
	April	Shutdown								
			Totals	-	12.86	1.57%	-	806.17	98.43%	819.02
			Minimum	0	0	0%	0	0	0%	0
			Maximum	1331.4	1.66	100%	74.90	109.30	100%	109.32
			Average	243.34	0.19	28%	11.806	11.86	72%	12.04

Notes:
Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

Table 3A
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Historical Soil Gas Monitoring Data (September 1995 - November 2004)

Sample Location	Sample Parameter (ppm)	MONITORING PERIOD										
		1995			1996							
		Baseline	Sep	Oct	Jan	Feb	Mar	Apr	May	Jun	Jul	Oct
V-30	PID Readings	1,465	2,000	1,300	-	157	49	525	399	365	570	314
	Benzene	75	-	210	420	-	-	420	-	-	-	55
	Meth. Chlor.	200	-	300	20	-	-	90	-	-	100	80
V-31	PID Readings	310	340	280	-	20.5	5	125	50.1	31	76	56.1
	Benzene	30	-	25	150	-	-	25	-	-	50	30
	Meth. Chlor.	200	-	300	25	-	-	-	-	-	0	40
V-40	PID Readings	280	1,090	600	-	0	6.6	33	107	89	73	36.6
	Benzene	30	-	60	15	-	-	22	-	-	0	20
	Meth. Chlor.	300	-	200	10	-	-	15	-	-	0	20
V-41	PID Readings	660	2,290	840	48	12.5	8.5	125	147	115	190	85
	Benzene	50	-	125	10	-	-	40	-	-	-	50
	Meth. Chlor.	200	-	500	50	-	-	30	-	-	100	50
V-42	PID Readings	620	545	115	26.5	0	0.6	11	4.6	0	21	0.2
	Benzene	45	-	30	9	-	-	10	-	-	0	4
	Meth. Chlor.	200	-	100	0	-	-	0	-	-	0	0
V-50	PID Readings	125	1,820	122.5	435	60.2	27.9	365	386	454	590	331
	Benzene	15	-	210	30	-	-	420	-	-	-	70
	Meth. Chlor.	100	-	400	30	-	-	110	-	-	-	175
V-51	PID Readings	240	77.1	37.5	3	15.4	0	6.4	0	0	1	0.2
	Benzene	10	-	15	5	-	-	3	-	-	0	5
	Meth. Chlor.	50	-	100	10	-	-	0	-	-	0	0
V-52	PID Readings	197	100	120	19	7.5	1.9	37	32.5	23	49	39.9
	Benzene	10	-	42	10	-	-	10	-	-	0	5
	Meth. Chlor.	150	-	30	20	-	-	10	-	-	0	0
V-60	PID Readings	97	0	0	0	0	0.2	6	0	0	0	0
	Benzene	25	-	10	0.5	-	-	6	-	-	0	8
	Meth. Chlor.	50	-	100	0	-	-	10	-	-	0	10
V-61	PID Readings	545	0	32.5	0	0	0.1	5.1	0	0	0	0
	Benzene	40	-	0.5	0.5	-	-	2	-	-	-	0
	Meth. Chlor.	150	-	0	0	-	-	0	-	-	0	0
V-70	PID Readings	205	0	0	0	5	0	6.2	0	51	1	0.5
	Benzene	5	-	0.5	0.5	-	-	3	-	-	0	0
	Meth. Chlor.	50	-	0	0	-	-	0	-	-	0	0
V-71	PID Readings	81	20	3.7	0	19.2	0	5.9	1.7	0	0	0
	Benzene	15	-	0.5	0.5	-	-	0	-	-	0	2
	Meth. Chlor.	50	-	0	0	-	-	0	-	-	0	0
V-72	PID Readings	610	415	520	-	25.7	8.1	59	72.3	51	80	58
	Benzene	30	-	105	30	-	-	0	-	-	30	35
	Meth. Chlor.	50	-	100	0	-	-	0	-	-	0	0
V-73	PID Readings	620	780	1,070	-	50	16.7	125	201.1	155	330	111
	Benzene	35	-	420	50	-	-	45	-	-	20	50
	Meth. Chlor.	100	-	500	30	-	-	70	-	-	100	20
H-10	PID Readings	-	557	-	-	-	14.4	-	212	174	130	36.9
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
H-11	PID Readings	-	5,000	-	-	-	75.9	-	402	2,196	700	51.4
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
H-20	PID Readings	-	11.5	-	-	-	0	-	0	5	1.5	9.3
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
H-21	PID Readings	-	199	-	-	-	0.4	-	17.6	15	26	34.3
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
H-71	PID Readings	-	-	-	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
H-81	PID Readings	-	-	-	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-
VMP-1	PID Readings	28	34	-	-	-	-	-	-	-	-	2,200
	Benzene	5	-	-	-	-	-	-	-	-	-	210
	Meth. Chlor.	100	-	-	-	-	-	-	-	-	-	150
VMP-2	PID Readings	750	2.2	-	-	-	-	-	-	-	-	30
	Benzene	10	-	-	-	-	-	-	-	-	-	25
	Meth. Chlor.	100	-	-	-	-	-	-	-	-	-	80
VMP-3	PID Readings	108	406	-	-	-	-	-	-	-	-	3.2
	Benzene	20	-	-	-	-	-	-	-	-	-	10
	Meth. Chlor.	100	-	-	-	-	-	-	-	-	-	20
VMP-4	PID Readings	35	0	-	-	-	-	-	-	-	-	3.5
	Benzene	10	-	-	-	-	-	-	-	-	-	0
	Meth. Chlor.	100	-	-	-	-	-	-	-	-	-	0
VMP-5	PID Readings	78	3.6	-	-	-	-	-	-	-	-	-
	Benzene	20	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	100	-	-	-	-	-	-	-	-	-	-

Notes:
Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.
(1) Drager tube monitoring from second quarter 1997 on suspended with NYSDEC approval.
(2) ppm - Parts Per Million

Table 3A
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Historical Soil Gas Monitoring Data (September 1995 - November 2004)

Sample Location	Sample Parameter (ppm)	MONITORING PERIOD											
		1997				1998				1999			
		Jan	Apr	Jul	Oct	Jan	May	June	Oct	Jan	Apr	Aug	Nov
V-30	PID Readings	159	61	128	130	32	37.5	140	82.3	2	0	0	2
	Benzene	47	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	10	-	-	-	-	-	-	-	-	-	-	-
V-31	PID Readings	17.5	5.5	6	15	5.5	0	9	21.6	0	0	3.8	0
	Benzene	9	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-40	PID Readings	1.5	3	0	0	0	0	0	0	1	0	0	4
	Benzene	17	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-41	PID Readings	44.5	32	0	21	8	0	0	4.1	1	0	0	0
	Benzene	39	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-42	PID Readings	1.8	0	0	0	0.4	0	0	0	0	0	0	0
	Benzene	3	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-50	PID Readings	178	87	125	155	29	23	105	65.8	8	0	23	0
	Benzene	50	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	50	-	-	-	-	-	-	-	-	-	-	-
V-51	PID Readings	0	0	0	0.5	0.5	0	0	0	0	0	0	13
	Benzene	2	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-52	PID Readings	26.7	0	7	22	0.2	0	0	29.1	0	0	7	0
	Benzene	5	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-60	PID Readings	2.3	0	0	0	0.1	0	0	0.8	0	-	0.2	8
	Benzene	5	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-61	PID Readings	2.6	0	0	0	0	0	0	3.4	0	-	0	0
	Benzene	1	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-70	PID Readings	3.7	0	0	0	0	0	0	0.7	0	-	2.3	0
	Benzene	0	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-71	PID Readings	1.3	0	0	0	0	0	0	0	0	-	0	2
	Benzene	0	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-72	PID Readings	17.4	0	0	8	0.5	0	0	19.5	0	0	4.3	0
	Benzene	7	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
V-73	PID Readings	21.9	91	20	36	84	9.2	31	40.9	0	0	13.8	12
	Benzene	10	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
H-10	PID Readings	41	32	35	7	12	0	6.8	0	5	3	27	4
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
H-11	PID Readings	65.4	16.5	45	0	0.2	0	18.5	0	0.2	0	192	24
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
H-20	PID Readings	18	0	1	0	1.2	0	0	0	0	0	17	12
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
H-21	PID Readings	6	1.3	0	0	2.2	0	68	0	3	1	0	1
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
H-71	PID Readings	-	-	0	0	-	0	0	0	0	-	28	0
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
H-81	PID Readings	-	-	0	0	0	0	0	0	0.5	0	2	20
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
VMP-1	PID Readings	-	-	-	-	-	-	-	-	-	-	3.1	-
	Benzene	5	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
VMP-2	PID Readings	-	-	-	-	-	-	-	-	-	-	3.5	-
	Benzene	49	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	50	-	-	-	-	-	-	-	-	-	-	-
VMP-3	PID Readings	-	-	-	-	-	-	-	-	-	-	29	-
	Benzene	2	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-
VMP-4	PID Readings	-	-	-	-	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-	-	-	-	-
VMP-5	PID Readings	-	-	-	-	-	-	-	-	-	-	0.9	-
	Benzene	4	-	-	-	-	-	-	-	-	-	-	-
	Meth. Chlor.	0	-	-	-	-	-	-	-	-	-	-	-

Notes:
Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.
(1) Drager tube monitoring from second quarter 1997 on suspended with NYSDEC approval.
(2) ppm - Parts Per Million

Table 3A
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Historical Soil Gas Monitoring Data (September 1995 - November 2004)

Sample Location	Sample Parameter (ppm)	MONITORING PERIOD											
		2000				2001				2002			
		Jan	Apr	Aug	Nov	Feb	May	Aug	Nov	Feb	May	Aug	Nov
V-30	PID Readings	9	1	1	1	0	Please note that the system was off during the May site visit.	0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-31	PID Readings	5	2	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-40	PID Readings	0	1	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-41	PID Readings	0	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-42	PID Readings	0	1	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-50	PID Readings	1	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-51	PID Readings	0	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-52	PID Readings	1	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-60	PID Readings	1	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-61	PID Readings	1	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-70	PID Readings	1	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-71	PID Readings	0	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-72	PID Readings	1	0	1	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
V-73	PID Readings	1	0	2	2	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-10	PID Readings	1	2	1	1	0		0	2	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-11	PID Readings	4	14	2	2	0		0	3	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-20	PID Readings	7	1	0	1	0		0	1	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-21	PID Readings	2	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-71	PID Readings	1	0	0	0	0		0	6	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
H-81	PID Readings	2	0	0	0	0		0	0	0	0	0	0
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
VMP-1	PID Readings	-	-	-	-	-		-	-	-	-	-	-
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
VMP-2	PID Readings	-	-	-	-	-		-	-	-	-	-	-
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
VMP-3	PID Readings	-	-	-	-	-		-	-	-	-	-	-
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
VMP-4	PID Readings	-	-	-	-	-		-	-	-	-	-	-
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-
VMP-5	PID Readings	-	-	-	-	-		-	-	-	-	-	-
	Benzene	-	-	-	-	-		-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-		-	-	-	-	-	-

Notes:
Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.
(1) Drager tube monitoring from second quarter 1997 on suspended with NYSDEC approval.
(2) ppm - Parts Per Million

Table 3A
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Historical Soil Gas Monitoring Data (September 1995 - November 2004)

Sample Location	Sample Parameter (ppm)	MONITORING PERIOD							
		2003				2004			
		Mar	June	Sept	Dec	Mar	June	Sept	Nov
V-30	PID Readings	0.2	0	0	-3	0	1.1	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-31	PID Readings	0	0	0	-	0	1.3	1.6	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-40	PID Readings	0	0.5	0	-	0	0.7	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-41	PID Readings	0	0	0	-	0	0.3	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-42	PID Readings	0	0	0	-	0	0.4	0.1	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-50	PID Readings	0	0	0	-	0	1.9	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-51	PID Readings	0	0	0	-	0	0.9	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-52	PID Readings	0	1.6	0	-	0	0.4	0.5	0.6
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-60	PID Readings	0	0	0	-	0	0	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-61	PID Readings	0	0	0	-	0	0.3	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-70	PID Readings	0	0	0	-	0	0.7	0	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-71	PID Readings	0	2	0	-	0	0	0.1	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-72	PID Readings	0	0	0	-	0	0	0.6	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
V-73	PID Readings	0	0	0	-	0	0	1.1	0
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
H-10	PID Readings	0	3.5	0	-	0	0.2	0	0
	Benzene	-	-	-	-		-	-	-
	Meth. Chlor.	-	-	-	-		-	-	-
H-11	PID Readings	0	5.8	0	-	0	3	0	0
	Benzene	-	-	-	-		-	-	-
	Meth. Chlor.	-	-	-	-		-	-	-
H-20	PID Readings	0	2.7	0	-	0	0	0	0
	Benzene	-	-	-	-		-	-	-
	Meth. Chlor.	-	-	-	-		-	-	-
H-21	PID Readings	0	4.8	0	-	0	3.6	0	0
	Benzene	-	-	-	-		-	-	-
	Meth. Chlor.	-	-	-	-		-	-	-
H-71	PID Readings	0	1.6	1.3	-	0	2.6	0	0
	Benzene	-	-	-	-		-	-	-
	Meth. Chlor.	-	-	-	-		-	-	-
H-81	PID Readings	0	0	0		0	0.9	0	0
	Benzene	-	-	-			-	-	-
	Meth. Chlor.	-	-	-			-	-	-
VMP-1	PID Readings	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
VMP-2	PID Readings	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
VMP-3	PID Readings	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
VMP-4	PID Readings	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-
VMP-5	PID Readings	-	-	-	-	-	-	-	-
	Benzene	-	-	-	-	-	-	-	-
	Meth. Chlor.	-	-	-	-	-	-	-	-

Notes:
Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.
(1) Drager tube monitoring from second quarter 1997 on suspended with NYSDEC approval.
(2) ppm - Parts Per Million

Table 3B
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Historical Soil Gas Monitoring Data (March 2005 - March 2020)

Sample Location (a)	Sample Parameter	MONITORING PERIOD											
		2005				2006				2007			
		Mar	June	Sept	Nov	Mar	June	Sept	Dec	Mar	June	Sept	Dec
H-10	PID Reading (ppmv)	---	2.1	1.2	4.8	53.4	0.0	NM	NM	NM	NM	0.0	0.0
	Vacuum (in. water)	---	2.3	3.0	0.0	0.0	0.5	NM	NM	NM	NM	3.0	5.0
H-11	PID Reading (ppmv)	---	1.3	1.0	0.1	64.1	0.0	NM	NM	NM	NM	0.0	0.0
	Vacuum (in. water)	---	3.7	3.5	2.9	0.5	2.0	NM	NM	NM	NM	4.0	6.0
H-12	PID Reading (ppmv)	---	2.3	2.5	11.4	112.0	0.0	NM	NM	NM	NM	0.0	0.0
	Vacuum (in. water)	---	1.9	1.2	6.1	0.0	2.5	NM	NM	NM	NM	0.0	0.0
H-20	PID Reading (ppmv)	---	0.0	0.0	2.5	36.4	0.0	NM	NM	NM	NM	0.0	0.0
	Vacuum (in. water)	---	7.5	6.8	3.6	0.0	8.5	NM	NM	NM	NM	5.0	9.5
H-21	PID Reading (ppmv)	---	1.0	0.0	0.5	49.8	0.0	NM	NM	NM	NM	0.0	0.0
	Vacuum (in. water)	---	7.2	7.0	3.5	0.0	8.5	NM	NM	NM	NM	5.0	9.0
H-71	PID Reading (ppmv)	---	0.0	0.0	47.8	14.9	0.0	NM	NM	NM	NM	0.0	NA
	Vacuum (in. water)	---	6.5	5.8	3.5	0.0	3.0	NM	NM	NM	NM	0.0 (c)	NA
H-81	PID Reading (ppmv)	---	0.0	0.0	0.0	0.0	0.0	NM	NM	NM	NM	1.0	0.0
	Vacuum (in. water)	---	2.2	1.5	0.3	0.0	0.0	NM	NM	NM	NM	0.0	0.3
V-30	PID Reading (ppmv)	---	0.0	0.0	0.0	28.4	0.0	NM	NM	NM	NM	4.5	0.0
	Vacuum (in. water)	---	5.5	6.0	4.4	0.0	7.5	NM	NM	NM	NM	0.0	9.0
V-31	PID Reading (ppmv)	---	0.0	0.0	0.0	22.3	0.0	NM	NM	NM	NM	4.0	0.0
	Vacuum (in. water)	---	5.4	5.2	4.3	0.0	7.0	NM	NM	NM	NM	0.0	9.0
V-73	PID Reading (ppmv)	---	0.0	0.0	0.0	3.9	0.0	NM	NM	NM	NM	1.0	0.0
	Vacuum (in. water)	---	1.6	2.0	0.8	0.0	2.0	NM	NM	NM	NM	0.0	1.0

Notes:

Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

(a) In June 2005, soil vapor extraction wells V-40 through V-72 were taken off-line, and new horizontal vapor extraction well H-12 was placed on-line.

(b) System not operational in March due to system upgrade activities (ppmv) parts per million volume

(c) H-71 has been valved closed since September 2007; the well screen is submerged.

(1) H-12 did not show well head vacuum after applying maximum vacuum to purge line.

(2) Treatment system was offline during June 2009 quarterly sampling event.

(3) SVE/AS system was offline during December 2009 sampling event.

(4) H-12 well flooded, no measurements.

(5) H-71 well flooded, no measurements.

(6) H-11 flooded, no vacuum detected.

(7) Field measurements not taken during July 2014 and July 2017 events.

(8) SVE/AS system was offline during the October 2018 sampling event.

NM - Not Measured

NA - Not Applicable

Table 3B
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Historical Soil Gas Monitoring Data (March 2005 - March 2020)

Sample Location (a)	Sample Parameter	MONITORING PERIOD											
		2008				2009				2010			
		Mar	June	Sept	Nov	Mar	June[2]	Sept	Dec[3]	Mar[4]	June[4]	Oct[4]	Dec[5]
H-10	PID Reading (ppmv)	0.0	0.0	0.1	0.0	10.9	0.0	0.0	0.0	0.5	0.0	0.0	0.0
	Vacuum (in. water)	10.0	8.0	5.0	4.0	0.5	0.0	3.5	0.0	7.0	5.0	3.0	5.0
H-11	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	11.5	10.5	6.0	5.0	5.5	0.0	4.5	0.0	9.0	6.5	5.0	6.0
H-12	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0
	Vacuum (in. water)	0.0(1)	0.0	0.7	0.1	0.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0
H-20	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	14.0	14.0	8.5	7.0	8.0	0.0	7.0	0.0	13.0	10.0	8.5	9.5
H-21	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
	Vacuum (in. water)	13.5	13.0	8.0	6.5	7.5	0.0	6.5	0.0	12.0	9.5	8.0	9.0
H-71	PID Reading (ppmv)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
	Vacuum (in. water)	0.0	0.0	4.5	4.5	5.0	0.0	4.0	0.0	8.0	6.5	5.0	NA
H-81	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	0.8	0.0	0.4	0.6	0.5	0.0	1.0	0.0	0.4	0.2	0.2	0.3
V-30	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	11.5	13.0	8.0	6.0	7.0	0.0	7.5	0.0	13.0	10.5	9.0	9.0
V-31	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	12.0	13.0	8.0	6.0	7.5	0.0	7.5	0.0	13.0	10.5	9.0	9.0
V-73	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	1.0	1.5	0.5	0.8	1.5	0.0	0.5	0.0	3.0	1.0	1.0	1.0

Notes:

Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

(a) In June 2005, soil vapor extraction wells V-40 through V-72 were taken off-line, and new horizontal vapor extraction well H-12 was placed on-line.

(b) System not operational in March due to system upgrade activities (ppmv) parts per million volume

(c) H-71 has been valved closed since September 2007; the well screen is submerged.

(1) H-12 did not show well head vacuum after applying maximum vacuum to purge line.

(2) Treatment system was offline during June 2009 quarterly sampling event.

(3) SVE/AS system was offline during December 2009 sampling event.

(4) H-12 well flooded, no measurements.

(5) H-71 well flooded, no measurements.

(6) H-11 flooded, no vacuum detected.

(7) Field measurements not taken during July 2014 and July 2017 events.

(8) SVE/AS system was offline during the October 2018 sampling event.

Table 3B
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Historical Soil Gas Monitoring Data (March 2005 - March 2020)

Sample Location (a)	Sample Parameter	MONITORING PERIOD											
		2011				2012				2013			
		Mar[4]	June[4]	Sept[4]	Dec[4]	Mar[4,5]	June[4,5]	Sept[4]	Dec[4]	Mar[4,6]	June[4,6]	Oct[4]	Nov[4]
H-10	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
	Vacuum (in. water)	5.0	5.0	9.5	9.0	6.5	10.0	9.5	10.0	7.5	4.5	3.2	3.3
H-11	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	NA	NA	0.0	0.0
	Vacuum (in. water)	6.5	6.5	10.0	10.0	7.2	10.0	10.0	10.0	NA	NA	3.5	0.1
H-12	PID Reading (ppmv)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vacuum (in. water)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-20	PID Reading (ppmv)	0.0	0.0	0.0	0.0	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	10.0	10.0	13.0	12.0	11.0	14.0	13.0	13.5	11.0	9.5	7.5	9.0
H-21	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	8.5	9.0	13.0	12.5	10.3	13.5	12.5	13.0	11.0	8.0	6.5	8.0
H-71	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	Vacuum (in. water)	5.0	6.0	9.0	9.0	0.0	0.0	6.0	6.5	7.0	4.0	3.0	3.0
H-81	PID Reading (ppmv)	0.0	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.1
V-30	PID Reading (ppmv)	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	10.0	10.0	12.5	12.0	10.7	13.5	10.5	11.0	11.0	10.0	8.5	10.0
V-31	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	10.5	10.0	12.5	12.0	10.8	14.0	10.5	11.0	11.5	10.0	9.0	10.0
V-73	PID Reading (ppmv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	1.0	0.9	1.1	1.0	0.8	1.2	1.3	1.1	0.8	0.9	0.6	1.0

Notes:

Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

(a) In June 2005, soil vapor extraction wells V-40 through V-72 were taken off-line, and new horizontal vapor extraction well H-12 was placed on-line.

(b) System not operational in March due to system upgrade activities (ppmv) parts per million volume

(c) H-71 has been valved closed since September 2007; the well screen is submerged.

(1) H-12 did not show well head vacuum after applying maximum vacuum to purge line.

(2) Treatment system was offline during June 2009 quarterly sampling event.

(3) SVE/AS system was offline during December 2009 sampling event.

(4) H-12 well flooded, no measurements.

(5) H-71 well flooded, no measurements.

(6) H-11 flooded, no vacuum detected.

(7) Field measurements not taken during July 2014 and July 2017 events.

(8) SVE/AS system was offline during the October 2018 sampling event.

Table 3B
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Historical Soil Gas Monitoring Data (March 2005 - March 2020)

Sample Location (a)	Sample Parameter	MONITORING PERIOD											
		2014				2015				2016			
		Jan[4]	Apr[4]	Jul[7]	Oct[4]	Jan[4]	Apr[4]	Jul	Oct	Jan	Apr	July	Oct
H-10	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	5.9	0.0	20.8	0.0	0.0	0.0	0.0
	Vacuum (in. water)	3.3	1.7	NA	4.0	2.5	0.0	2.1	0.0	2.2	0.1	3.8	3.5
H-11	PID Reading (ppmv)	0.0	0.0	NA	1.3	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	0.1	4.5	NA	5.0	2.8	5.0	3.1	0.3	2.3	3.8	4.6	4.3
H-12	PID Reading (ppmv)	0.0	NA	NA	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	NA	NA	NA	NA	NA	NA	1.0	4.0	1.3	0.0	1.0	1.6
H-20	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	9.0	9.0	NA	9.0	8.0	10.0	6.7	0.0	6.5	>7.0	1.2	6.8
H-21	PID Reading (ppmv)	0.0	0.0	NA	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	8.0	8.0	NA	9.0	8.0	9.0	6.1	0.3	5.1	6.9	8.1	6.3
H-71	PID Reading (ppmv)	0.0	0.1	NA	1.4	0.0	0.0	0.0	214.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	3.0	3.1	NA	4.0	2.5	4.0	0.3	0.0	2.1	3.2	2.9	2.4
H-81	PID Reading (ppmv)	0.0	0.0	NA	0.8	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0
	Vacuum (in. water)	0.1	0.4	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	+0.061
V-30	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	10.0	8.0	NA	9.0	7.0	9.5	10.0	2.0	8.0	>7.0	8.7	7.7
V-31	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	10.0	8.0	NA	9.5	4.5	9.5	8.2	1.8	7.5	>7.0	8.8	8.0
V-73	PID Reading (ppmv)	0.0	0.0	NA	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Vacuum (in. water)	1.0	1.2	NA	1.0	0.9	1.0	2.0	0.5	0.4	0.735	0.6	0.5

Notes:

Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

(a) In June 2005, soil vapor extraction wells V-40 through V-72 were taken off-line, and new horizontal vapor extraction well H-12 was placed on-line.

(b) System not operational in March due to system upgrade activities (ppmv) parts per million volume

(c) H-71 has been valved closed since September 2007; the well screen is submerged.

(1) H-12 did not show well head vacuum after applying maximum vacuum to purge line.

(2) Treatment system was offline during June 2009 quarterly sampling event.

(3) SVE/AS system was offline during December 2009 sampling event.

(4) H-12 well flooded, no measurements.

(5) H-71 well flooded, no measurements.

(6) H-11 flooded, no vacuum detected.

(7) Field measurements not taken during July 2014 and July 2017 events.

(8) SVE/AS system was offline during the October 2018 sampling event.

Table 3B
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Historical Soil Gas Monitoring Data (March 2005 - March 2020)

Sample Location (a)	Sample Parameter	MONITORING PERIOD										
		2017				2018				2019		2020
		Jan[4]	Apr	July[7]	Oct[4]	Jan[4]	Apr	Apr	Oct[8]	Sept	Dec	Mar
H-10	PID Reading (ppmv)	0.0	0.1	NA	0.0	0.0	1.0	3.0	NA	0.0	0.0	0.0
	Vacuum (in. water)	0.0	0.0	NA	0.3	0.0	2.0	0.1	NA	0.04	0.04	0.0
H-11	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.4	0.0	3.0	NA	0.8	0.7	0.4
	Vacuum (in. water)	4.7	4.9	NA	1.75	2.0	3.0	0.0	NA	2.6	2.1	1.5
H-12	PID Reading (ppmv)	NA	NA	NA	NA	NA	0.0	2.0	NA	1.5	1.6	0.9
	Vacuum (in. water)	NA	NA	NA	NA	NA	9.0	1.0	NA	0.16	0.0	0.0
H-20	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	7.0	NA	0.2	0.0	0.0
	Vacuum (in. water)	8.5	8.6	NA	6.5	5.1	2.0	0.1	NA	4.7	4.6	4.0
H-21	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	6.5	NA	0.1	0	0
	Vacuum (in. water)	7.8	7.8	NA	5.5	4.4	7.5	0.2	NA	4.5	4.6	4.0
H-71	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	2.3	NA	3.0	3.0	1.5
	Vacuum (in. water)	1.7	3.9	NA	2.5	2.0	4.0	0.3	NA	2.1	2.0	0.00
H-81	PID Reading (ppmv)	0.0	0.0	NA	0.4	0.0	0.0	0.0	NA	65.5	0	0
	Vacuum (in. water)	0.0	0.0	NA	0.0	0.1	0.0	0.0	NA	0.00	0.00	0.00
V-30	PID Reading (ppmv)	0.0	0.0	NA	2.0	0.2	0.0	7.0	NA	0.0	0.0	0.0
	Vacuum (in. water)	9.6	8.7	NA	0.0	0.0	8.0	0.0	NA	7.6	10.0	3.5
V-31	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	7.0	NA	0.0	0.0	0.0
	Vacuum (in. water)	8.8	9.0	NA	0.0	3.8	8.0	0.0	NA	5.0	8.0	2.0
V-73	PID Reading (ppmv)	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0
	Vacuum (in. water)	0.8	0.9	NA	0.15	0.0	0.8	0.5	NA	3.5	4.0	0.0

Notes:

Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

(a) In June 2005, soil vapor extraction wells V-40 through V-72 were taken off-line, and new horizontal vapor extraction well H-12 was placed on-line.

(b) System not operational in March due to system upgrade activities (ppmv) parts per million volume

(c) H-71 has been valved closed since September 2007; the well screen is submerged.

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(3) SVE/AS system was offline during December 2009 sampling event.

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(5) H-71 well flooded, no measurements.

(6) H-11 flooded, no vacuum detected.

(7) Field measurements not taken during July 2014 and July 2017 events.

(8) SVE/AS system was offline during the October 2018 sampling event.

Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX-0	3/1/2009	<0.001	<0.001	0.02800	0.27800	0.30600	<0.002
	6/10/2009	0.00200	0.00061 J	0.02750	0.29100	0.32111	<0.002
	9/16/2009	0.00064	<0.001	<0.001	<0.001	0.00064	<0.002
	12/22/2009	0.00045	0.00350	0.05710	0.62500	0.68605	<0.002
	3/19/2010	0.00040	0.00100	0.12900	1.38000	1.51040	<0.002
	6/17/2010	0.00045	<0.001	0.00970	0.36000	0.37015	<0.002
	10/4/2010	0.00036	<0.001	0.01370	0.09350	0.10756	<0.002
	12/10/2010	<0.001	<0.001	0.03250	0.32300	0.35550	<0.002
	3/8/2011	<0.001	<0.001	0.00140	0.02630	0.02770	<0.002
	7/7/2011	<0.00022	<0.00015	<0.00021	0.00097 J	0.00097	<0.0002
	8/31/2011	<0.00022	0.00290	<0.00021	0.01160	0.01450	<0.0002
	11/17/2011	0.00029 J	<0.00015	0.00110	<0.00017	0.00139	<0.0002
	3/20/2012	<0.0002	<0.00015	0.00240	0.00130	0.00370	<0.0002
	6/1/2012	<0.00024	<0.00023	0.00500	0.00660	0.01160	<0.0007
	9/1/2012	0.00034 J	<0.00023	<0.00023	0.00035 J	0.00069	<0.0007
	1/3/2013	<0.00024	0.01030	<0.00023	0.02230	0.03260	<0.0007
	3/27/2013	<0.00024	0.00036 J	0.01460	0.07010	0.08506	<0.0007
	6/17/2013	<0.00024	<0.00023	0.00530	0.10400	0.10930	<0.0007
	10/4/2013	<0.00028	0.00037 J	<0.00044	0.03160	0.03160	<0.00086
	11/25/2013	<0.00028	<0.00044	<0.00044	0.00210	0.00210	<0.00086
	1/14/2014	<0.00028	<0.00021	<0.00044	0.00110	0.00110	<0.0043
	4/10/2014	<0.00028	<0.00044	0.00450	0.01510	0.01960	<0.00086
	7/10/2014	<0.00028	<0.00044	0.06290	0.35600	0.41890	<0.00086
	10/16/2014	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/22/2015	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/16/2015	<0.00024	<0.00016	0.00250	0.01300	0.01550	<0.00073
	7/23/2015	<0.00024	<0.00016	<0.00027	0.02180	0.02180	<0.00073
	10/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/20/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/2016	<0.00024	<0.00016	0.00091 J	0.01840	0.01931	<0.00074
	7/13/2016	<0.00014	<0.00023	<0.00020	0.00320	0.00320	<0.00035
	10/24/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/24/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	4/20/2017	<0.00014	<0.00023	<0.00020	0.00045 J	0.00045	<0.001
	7/25/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/30/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/19/2018	<0.00017	<0.00025	0.00180	0.02340	0.02520	<0.0010
	7/26/2018	<0.00043	<0.00053	0.00360	0.07050	0.07410	<0.0010
	10/25/2018	<0.00043	<0.00053	<0.0006	<0.00059	<0.0006	<0.0010
	9/26/2019	<0.00020	<0.00038	<0.00030	0.0017	0.0017	<.00032
	12/30/2019	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	4/15/2020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes:

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Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX-1	7/1/1995	<0.001	21.50200	3.86000	20.06500	45.42700	<0.001
	10/1/1995	0.00700	6.19400	<0.001	14.53900	20.74000	<0.001
	1/1/1996	0.00300	1.88700	0.81800	7.83100	10.53900	<0.001
	4/1/1996	0.00800	1.89000	<0.001	6.43500	8.33300	<0.001
	7/1/1996	0.00100	5.43500	1.05400	7.48400	13.97400	<0.001
	10/1/1996	0.00200	17.67500	5.39000	34.75500	57.82200	<0.001
	1/1/1997	<0.001	2.76500	0.93700	8.06700	11.76900	<0.001
	4/1/1997	0.00100	1.10800	0.00400	1.79500	2.90800	<0.001
	7/1/1997	<0.05	2.12700	0.92400	12.72500	15.77600	<0.05
	10/1/1997	<0.001	<0.001	<0.001	0.31000	0.31000	<0.001
	1/1/1998	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1998	<0.01	2.50000	0.39000	2.02000	4.91000	<0.005
	7/22/1998	<0.005	2.20000	0.41000	2.03000	4.64000	<0.005
	10/1/1998	<0.025	1.10000	0.23000	1.73000	3.06000	<0.025
	1/1/1999	<0.001	<0.001	<0.001	<0.002	<MDL	<0.001
	4/1/1999	<0.005	0.09700	0.16000	0.38000	0.22000	<0.005
	8/1/1999	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/1999	<0.001	0.35000	0.21000	0.91000	1.47000	<0.001
	2/1/2000	<0.001	1.70000	0.66000	3.02000	5.38000	<0.001
	5/1/2000	<0.02	0.96000	0.66000	2.97000	4.59000	<0.02
	8/1/2000	<0.005	0.12000	0.14000	0.96000	1.22000	<0.005
	11/1/2000	<0.001	<0.001	<0.001	0.03200	0.03200	<0.001
	2/1/2001	<0.001	0.25000	0.19000	0.94000	1.38000	<0.001
	5/1/2001	0.00300	0.12000	0.39000	2.81000	3.32300	<0.001
	8/1/2001	NS	NS	NS	NS	NS	NS
	11/30/2001	NS	NS	NS	NS	NS	NS
	2/2/2002	NS	NS	NS	NS	NS	NS
	5/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/2002	<0.001	<0.001	0.05200	0.21300	0.26500	<0.001
	11/2/2002	<0.001	0.06300	0.06400	0.18400	0.31100	<0.001
	3/26/2003	<0.001	0.00700	0.09700	0.24000	0.34000	<0.001
	6/26/2003	<0.001	0.00600	0.12000	0.72000	0.85000	<0.001
	9/30/2003	<0.001	<0.001	<0.001	0.00600	0.00600	<0.001
	12/30/2003	<0.001	<0.001	0.00100	0.00800	0.00900	<0.001
	3/31/2004	<0.001	0.01600	0.00800	0.05000	0.07400	<0.001
	6/24/2004	<0.001	<0.001	0.01570	0.30800	0.32400	<0.002
	10/18/2004	<0.001	<0.001	<0.001	0.00080	0.00080	<0.002
	4/18/2005	<0.001	<0.001	0.02100	0.23600	0.25700	<0.002
	7/26/2005	0.00047	0.00960	0.00400	0.01460	0.02867	<0.002
	11/15/2005	0.00180	0.18400	0.00490	0.70900	0.90000	<0.004
	3/30/2006	<0.001	0.00350	0.00100	0.00860	0.01310	<0.002
	6/19/2006	<0.001	0.01300	0.00640	0.13700	0.15600	<0.002
	10/6/2006	0.00096 J	0.01840	0.00750	0.14900	0.17600	<0.002
	1/7/2007	NS	NS	NS	NS	NS	NS
	4/1/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/2007	<0.001	0.00110	<0.001	0.00089 J	0.00199	<0.002
	9/25/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002

Notes:

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(8) Not sampled- Well box inaccessible due to ice.

Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX-1	1/3/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/2008	<0.001	0.0004 J	0.0006 J	0.09510	0.09610	<0.002
	9/29/2008	<0.001	<0.001	<0.001	0.01700	0.01700	<0.002
	11/20/2008	<0.001	0.00047 J	0.02030	0.81600	0.83677	<0.002
	3/19/2009	<0.001	<0.001	<0.001	0.22900	0.22900	<0.002
	6/10/2009	<0.001	0.00660	0.00180	0.01780	0.02620	<0.002
	9/16/2009	<0.001	<0.001	0.10700	0.74300	0.85000	<0.002
	12/22/2009	<0.001	0.00670	0.00210	0.01220	0.02100	<0.002
	3/19/2010	<0.001	<0.001	0.00990	0.31100	0.32090	<0.002
	6/17/2010	<0.001	<0.001	0.05170	0.21700	0.26870	<0.002
	10/4/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/2010	<0.001	0.01800	0.00037	0.01600	0.03437	<0.002
	3/8/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/7/2011	<0.00022	<0.00015	0.03710	0.27300	0.31010	<0.0002
	8/31/2011	<0.00055	<0.00036	0.05190	0.70200	0.75390	<0.00051
	11/21/2011	<0.00022	<0.00015	0.00023	0.24200	0.24223	<0.00020
	3/20/2012	<0.00044	<0.00029	0.01220	0.66700	0.67920	<0.0004
	6/1/2012	<0.00024	<0.00023	0.00180	0.35000	0.35180	<0.0007
	9/1/2012	<0.00024	<0.00023	<0.00023	0.16900	0.16900	<0.0007
	1/3/2013	<0.00024	<0.00023	0.00038 J	0.16900	0.16938	<0.0007
	3/27/2013	<0.00024	<0.00023	0.00240	0.20700	0.20940	<0.0007
	6/17/2013	<0.00024	<0.00023	0.00630	0.16500	0.17130	<0.0007
	10/4/2013	<0.00028	<0.00021	<0.00044	0.00089 J	0.00089	<0.00086
	11/26/2013	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	1/14/2014	0.00055 J	<0.00021	<0.00044	<0.00019	0.00055	<0.0043
	4/10/2014	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	7/10/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/16/2014	<0.00021	<0.00022	0.00057 J	0.01290	0.01347	<0.00089
	1/22/2015	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/16/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/23/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/20/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/13/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/24/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/24/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	4/20/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	7/25/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/30/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/19/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/26/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	10/25/2018	<0.00043	<0.00053	<0.0006	<0.00059	<0.0006	<0.0010
	9/25/2019	<0.00020	<0.00038	<0.00030	<0.00036	<0.00038	<0.00032
	12/27/2019	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	4/14/2020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes:

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Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX-2	7/1/1995	<0.001	110.135	7.849	35.053	153.037	<0.001
	10/1/1995	0.15	104.695	3.750	45.985	154.58	<0.001
	1/1/1996	0.20	128.120	4.280	26.985	159.585	<0.001
	4/1/1996	0.008	3.407	<0.001	6.260	9.675	<0.001
	7/1/1996	0.002	6.79	0.7450	7.372	14.906	<0.001
	10/1/1996	0.092	101.465	3.785	29.665	135.01	<0.001
	1/1/1997	0.079	121.460	6.290	33.721	161.55	<0.001
	4/1/1997	0.048	91.350	4.090	32.960	128.448	<0.001
	7/1/1997	<0.05	75.314	3.303	19.835	98.452	<0.05
	10/1/1997	0.008	14	<0.005	13.4	27.408	<0.005
	1/1/1998	<0.1	35.681	2.283	20.805	58.769	<0.1
	4/1/1998	<0.25	47.000	2.000	27.000	76.000	<0.05
	7/22/1998	<0.1	35.000	1.700	22.400	59.100	<0.1
	10/1/1998	0.030	18.000	0.450	10.500	28.980	<0.025
	1/1/1999	0.044	18.000	0.140	25.100	43.284	<0.025
	4/1/1999	<0.05	47.000	2.800	17.000	5.100	<0.05
	8/1/1999	<0.05	33.000	1.800	20.800	55.600	<0.05
	11/1/1999	0.028	21.000	2.200	14.900	38.128	<0.001
	2/1/2000	0.032	16.000	1.700	16.900	34.632	<0.001
	5/1/2000	<0.1	20.000	2.000	22.900	44.900	<0.1
	8/1/2000	<0.05	12.000	1.300	18.600	31.900	<0.05
	11/1/2000	<0.02	0.910	0.200	4.020	5.130	<0.020
	2/1/2001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001
	5/1/2001	0.016	3.000	0.580	6.300	9.896	<0.001
	8/1/2001	<0.025	0.610	0.850	6.040	7.500	<0.025
	11/30/2001	0.001	0.001	0.039	0.078	0.119	<0.001
	2/2/2002	<0.05	3.900	0.450	4.980	9.330	<0.05
	5/2/2002	<0.001	0.046	0.016	0.139	0.201	<0.001
	8/2/2002	<0.001	<0.001	<0.001	0.011	0.011	<0.001
	11/2/2002	0.003	0.840	0.057	0.610	1.510	<0.001
	3/26/2003	0.016	2.600	0.064	5.820	8.500	<0.001
	6/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/2003	0.013	1.700	0.360	3.290	5.400	<0.001
	12/3/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/2004	0.031	1.900	0.920	5.180	8.030	<0.001
	6/24/2004	0.00056 J	0.115	0.034	0.373	0.522	<0.002
	10/18/2004	0.0391	4.64	1.01	10.7	16.4	<0.002
	4/18/2005	0.0068	0.631	0.19	1.6	2.4	<0.002
	7/26/2005	0.0075	0.881	0.262	1.960	3.111	<0.002
	11/15/2005	0.0235	5.100	0.395	5.380	10.899	<0.100
	3/30/2006	0.0280	2.900	0.371	2.700	5.999	<0.010
	6/19/2006	0.0051	0.883	0.111	1.150	2.149	<0.010
	10/6/2006	<0.001	0.0312	0.011	0.087	0.128	<0.002
	1/7/2007	0.0114	1.8800	0.161	1.380	3.433	<0.020
	4/1/2007	<0.001	0.0060	0.001	0.007	0.013	<0.020
	6/7/2007	0.012	2.470	0.315	2.160	4.957	<0.010
	9/25/2007	0.004	0.828	0.121	0.954	1.907	<0.001

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Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX-2	1/3/2008	0.007	0.261	0.038	0.414	0.719	<0.002
	3/8/2008	0.007	1.010	0.131	0.865	2.013	<0.002
	6/8/2008	0.00034 J	0.032	0.006	0.054	0.092	<0.002
	9/29/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/2008	0.009	0.908	0.127	0.841	1.885	<0.002
	3/19/2009	0.010	0.770	0.136	0.484	1.400	<0.002
	6/10/2009	<0.001	0.043	0.008	0.048	0.099	<0.002
	9/16/2009	0.006	1.940	0.726	3.120	5.792	<0.002
	12/22/2009	0.006	1.920	0.689	3.770	6.385	<0.002
	3/19/2010	0.010	2.810	0.894	4.120	7.834	<0.040
	6/17/2010	0.007	1.930	0.545	2.420	4.902	<0.020
	10/4/2010	0.004	1.430	0.212	1.570	3.216	<0.020
	12/10/2010	0.064	1.570	0.278	1.200	3.112	<0.020
	3/8/2011	0.063	1.450	0.286	1.060	2.859	<0.020
	7/7/2011	0.0030 J	0.522	0.079	0.439	1.043	<0.001
	8/31/2011	0.0048 J	0.875	0.0392	0.699	1.618	<0.001
	11/21/2011	0.0043 J	0.765	0.1250	0.575	1.469	<0.001
	3/20/2012	0.00097 J	0.094	0.0397	0.134	0.268	<0.0002
	6/1/2012	0.003	0.386	0.0908	0.365	0.845	<0.0007
	9/1/2012	<0.00024	0.001	0.0011	0.008	0.011	<0.0007
	1/3/2013	0.0031	1.010	0.2750	0.966	2.254	<0.0007
	3/27/2013	0.0026	0.361	0.1370	0.319	0.820	<0.0007
	6/17/2013	0.0020	0.398	0.0592	0.269	0.728	<0.0007
	10/4/2013	0.0026	0.0785	0.5600	0.340	0.981	<0.00086
	11/25/2013	0.0123	0.046	0.1420	0.078	0.278	<0.00086
	1/14/2014	0.003 J	0.607	0.1310	0.436	0.741	<0.0043
	4/10/2014	0.0026	0.484	0.1150	0.302	0.904	<0.00086
	7/10/2014	0.0038	0.420	0.0791	0.322	0.825	<0.00086
	10/17/2014	0.0021	0.333	0.0570	0.265	0.657	<0.00089
	1/22/2015	0.0020	0.245	0.0425	0.207	0.497	<0.00089
	4/16/2015	0.0021	0.483	0.0896	0.287	0.862	<0.0029
	7/23/2015	0.0019	0.471	0.0641	0.341	0.878	<0.00073
	10/22/2015	0.0017	0.233	0.0356	0.236	0.506	<0.00073
	1/20/2016	0.0017	0.233	0.0292	0.155	0.419	<0.00073
	4/20/2016	0.0023	0.297	0.0520	0.189	0.540	<0.00073
	7/13/2016	0.0017	0.212	0.0329	0.195	0.442	<0.00035
	10/24/2016	0.0012	0.067	0.0117	0.094	0.175	<0.001
	1/25/2017	0.0010	0.040	0.0138	0.077	0.132	<0.001
	4/20/2017	0.0016	0.188	0.0367	0.143	0.369	<0.001
	7/25/2017	0.0014	0.180	0.0288	0.130	0.340	<0.0010
	10/30/2017	0.0011	0.077	0.0203	0.116	0.214	<0.0010
	1/9/2018	0.0014	0.225	0.0369	0.179	0.442	<0.0010
	4/19/2018	0.0019	0.326	0.0530	0.193	0.574	<0.0010
	7/26/2018	0.0013	0.153	0.0278	0.125	0.307	<0.0010
	10/25/2018	0.0008	0.080	0.0147	0.087	0.183	<0.0010
	9/25/2019	<0.00020	0.0013	0.0068	0.0554	0.0635	<0.00032
	12/27/2019	0.0016	0.160	0.041	0.104	0.3066	<0.0010
	4/14/2020	<0.0010	<0.0010	0.00053 J	<0.0010	0.00053 J	<0.0010

Notes:

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Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX-3	7/1/1995	0.1510	9.608	1.2980	3.194	14.251	<0.001
	10/1/1995	<0.001	<0.001	<0.001	0.03200	0.03200	<0.001
	1/1/1996	0.20500	31.42000	0.44200	1.94200	34.00900	<0.001
	4/1/1996	0.00900	0.05400	<0.001	5.17800	5.24100	<0.001
	7/1/1996	0.09500	3.64300	0.12800	0.98800	4.85400	<0.001
	10/1/1996	0.09300	33.77500	0.16100	16.27500	50.30400	<0.001
	1/1/1997	0.02000	1.72100	0.05900	0.51400	2.31400	0.014
	4/1/1997	0.00700	2.51500	0.67200	4.73400	7.92800	<0.001
	7/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1997	<0.005	0.00900	<0.005	0.10000	0.10900	<0.005
	1/1/1998	<0.005	0.21300	0.02800	0.17500	0.41600	<0.005
	4/1/1998	0.02000	<0.02	0.03000	0.06000	0.11000	<0.005
	7/22/1998	0.00100	0.08700	0.00200	0.09200	0.18200	<0.001
	10/1/1998	<0.025	0.38000	<0.025	0.45000	0.83000	<0.025
	1/1/1999	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	4/1/1999	0.00200	2.10000	0.23000	2.20000	0.57000	<0.001
	8/1/1999	0.01300	4.40000	0.28000	2.47000	7.16300	<.0001
	11/1/1999	0.00500	0.11000	0.03800	0.31500	0.46800	<0.001
	2/1/2000	0.02000	0.03000	0.03700	0.16000	0.24700	<0.001
	5/1/2000	0.03600	0.12000	0.03000	0.33600	0.52200	<0.005
	8/1/2000	0.00600	0.76000	0.10000	1.31000	2.17600	<0.001
	11/1/2000	<0.001	0.00600	0.00200	0.02800	0.03600	<0.001
	2/1/2001	0.00200	<0.001	<0.001	<0.003	0.00200	<0.001
	5/1/2001	0.00600	0.05500	0.07100	0.60000	0.73200	<0.001
	8/1/2001	0.01700	0.00400	0.03700	0.07900	0.13700	0.004
	11/30/2001	0.00300	0.00200	0.01600	0.08200	0.10300	<0.001
	2/2/2002	0.00500	0.00300	0.02300	0.02500	0.05600	<0.001
	5/2/2002	0.00700	0.00400	0.01900	0.01200	0.04200	<0.001
	8/2/2002	0.00700	<0.001	0.01600	0.02300	0.04600	<0.001
	11/2/2002	0.00600	0.04000	0.00700	0.03600	0.08900	<0.001
	3/26/2003	0.00700	<0.001	0.00500	0.00900	0.02100	<0.001
	6/26/2003	0.01200	0.00100	0.01600	0.02800	0.05700	<0.001
	9/30/2003	0.02100	0.00100	<0.001	0.00300	0.02500	<0.001
	12/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/2004	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/2004	0.00280	<0.001	<0.001	<0.001	0.00280	<0.002
	10/18/2004	0.01470	0.00078	<0.001	0.00140	0.01690	<0.002
	4/19/2005	0.00130	<0.001	<0.001	<0.001	0.00130	<0.002
	7/26/2005	0.00350	0.00085	0.00042	0.00084	0.00560	<0.002
	11/15/2005	0.01970	0.00540	0.01650	0.00970	0.05130	<0.002
	3/30/2006	0.00750	0.00029	0.00110	0.00040	0.00929	<0.002
	6/19/2006	0.00310	<0.002	<0.002	<0.002	0.00310	<0.004
	10/6/2006	0.00072 J	0.00220	0.00260	0.01460	0.02010	<0.002
	1/7/2007	0.00870	0.0006 J	0.00140	0.00140	0.01210	<0.002
	4/1/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/2007	0.00290	0.0005 J	<0.001	0.00047 J	0.00387	<0.002
	9/25/2007	0.00061 J	<0.001	0.00029 J	0.00086 J	0.00176	<0.002

Notes:

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Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX-3	1/3/2008	0.00280	<0.001	<0.001	<0.001	0.00280	<0.002
	3/8/2008	0.00160	<0.001	<0.001	<0.001	0.00160	<0.002
	6/8/2008	0.00180	0.00320	0.00095 J	<0.001	0.00595	<0.002
	9/29/2008	0.00470	0.00061 J	0.00051 J	0.00073 J	0.00655	<0.002
	11/20/2008	0.00480	0.00049 J	0.00039 J	0.00160	0.00248	<0.002
	3/19/2009	0.00450	0.0004 J	0.00260	0.00160	0.00870	<0.002
	6/10/2009	0.00040	0.00300	<0.001	0.00040	0.00380	<0.002
	9/16/2009	0.00140	0.00470	0.00120	0.00088	0.00818	<0.002
	12/22/2009	0.00076	<0.001	0.00550	0.00110	0.00736	<0.002
	3/19/2010	0.00240	0.00730	0.01130	0.00440	0.02540	<0.002
	6/17/2010	1.80000	0.31900	0.09920	1.19000	3.40820	<0.040
	10/4/2010	0.00160	0.00250	0.00460	0.00081	0.00951	<0.002
	12/10/2010	0.00084	0.00032	0.00190	0.00054	0.00360	<0.002
	3/8/2011	0.00250	0.00100	0.00310	0.00140	0.00800	<0.002
	7/7/2011	0.00170	0.00035 J	0.00034 J	0.00057 J	0.00296	<0.0002
	8/31/2011	0.00150	0.00110	0.00120	0.00320	0.00700	<0.0002
	11/21/2011	0.00160	0.0034 J	0.00190	0.0085 J	0.01540	<0.0002
	3/20/2012	0.00210	0.00053 J	0.00380	0.00190	0.00833	<0.0002
	6/1/2012	0.00140	0.00340	0.00062 J	0.00170	0.00712	<0.0007
	9/1/2012	0.00150	0.00600	0.00120	0.00130	0.01000	<0.0007
	1/3/2013	0.00067 J	<0.00023	0.00210	0.00046 J	0.00323	<0.0007
	3/27/2013	0.00093 J	<0.00023	0.00250	0.00029 J	0.00372	<0.0007
	6/17/2013	0.00040 J	0.00140	0.00063 J	0.00220	0.00463	<0.0007
	10/4/2013	<0.00028	0.00054 J	0.00073 J	0.00160	0.00287	<0.00086
	11/25/2013	0.00046J	<0.00044	<0.00021	0.00079 J	0.00125	<0.00086
	1/14/2014	0.00081 J	<0.00044	0.0009 J	0.00083 J	0.00254	<0.00086
	4/10/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/10/2014	<0.00028	<0.00044	0.01290	0.02560	0.03850	<0.00086
	10/16/2014	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/22/2015	<0.00021	0.00041 J	<0.00031	0.00480	0.00521	<0.00089
	4/16/2015	<0.00024	<0.00016	<0.00027	0.00060 J	0.00060	<0.00073
	7/23/2015	0.09290	0.02220	0.00200	0.00330	0.12040	<0.00073
	10/22/2015	0.00039 J	<0.00016	0.00200	0.00055 J	0.00294	<0.00073
	1/20/2016	0.00044 J	0.00028 J	0.00310	0.00066 J	0.00448	<0.00073
	4/20/2016	0.00057	0.00036 J	0.00270	0.00100	0.00463	<0.00073
	7/13/2016	0.00038 J	0.00032 J	0.00160	0.00066 J	0.00296	<0.00035
	10/24/2016	0.00027 J	<0.00023	0.00160	<0.00021	0.00187	<0.0010
	1/24/2017	0.00024 J	<0.00023	0.00086 J	<0.00021	0.00110	<0.0010
	4/20/2017	<0.00014	<0.00023	0.00130	0.00045 J	0.00175	<0.0010
	7/25/2017	0.00045 J	0.00059 J	0.00180	0.00110	0.00394	<0.0010
	10/30/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/2018	0.00031	<0.00025	0.00130	<0.00022	0.00161	<0.0010
	4/20/2018	0.00039 J	0.00025 J	0.00200	0.00050 J	0.00314	<0.0010
	7/26/2018	<0.00043	<0.00053	0.0008 J	<0.00059	0.00080	<0.0010
	10/25/2018	<0.00043	<0.00053	<0.0006	<0.00059	<0.0006	<0.0010
	9/25/2019	<0.00020	0.00067	0.00068 J	0.00045 J	0.0018	<0.00032
	12/26/2019	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	4/14/2020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes:

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Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX-4	7/1/1995	<0.001	0.49900	0.55500	2.26000	3.31400	<0.001
	10/1/1995	0.06400	0.00700	0.18900	0.15300	0.41300	<0.001
	1/1/1996	0.00400	0.07300	0.07800	0.32900	0.48400	<0.001
	4/1/1996	0.00400	0.02000	<0.001	2.73500	2.75900	<0.001
	7/1/1996	<0.001	0.00300	0.00500	0.03700	0.04500	<0.001
	10/1/1996	0.00200	0.00700	<0.001	0.18400	0.19300	<0.001
	1/1/1997	NS	NS	NS	NS	NA	NS
	4/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/1998	<0.001	0.01000	0.00100	0.01500	0.02600	<0.001
	4/1/1998	NS	NS	NS	NS	NA	NS
	7/22/1998	<0.001	<0.001	<0.001	0.00200	0.00200	<0.001
	10/1/1998	NS	NS	NS	NS	NA	NS
	1/1/1999	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	4/1/1999	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	8/1/1999	<0.001	0.00400	0.00200	0.00700	0.01300	<0.001
	11/1/1999	<0.001	0.00200	<0.001	0.00300	0.00500	<0.001
	2/1/2000	<0.001	<0.001	0.00400	0.00500	0.00900	<0.001
	5/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/2000	<0.001	<0.001	0.00100	<0.003	<MDL	<0.001
	11/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/2001	<0.001	<0.001	0.00200	0.00200	0.00400	<0.001
	5/1/2001	0.00900	0.02200	0.11000	0.67000	0.81100	<0.001
	8/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/2002	<0.001	<0.001	0.00100	<0.003	0.00100	<0.001
	5/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/2002	NS	NS	NS	NS	NS	NS
	11/2/2002	<0.001	0.02100	<0.001	0.01000	0.03100	<0.001
	3/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	12/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/2004	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	7/26/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/2005	<0.001	0.00130	0.00056	0.00250	0.00440	<0.002
	3/30/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/6/2006	<0.001	0.00210	0.00250	0.01420	0.01880	<0.002
	1/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002

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Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX-4	1/3/2008	NS (7)	NS (7)	NS (7)	NS (7)	NS (7)	NS (7)
	3/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/29/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/10/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/22/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/17/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/7/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	8/31/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	11/17/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/20/2012	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/1/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	6/17/2013	<0.00024	0.00083 J	<0.00024	0.00010	0.00093	<0.0007
	10/4/2013	<0.00028	<0.00021	0.00140	<0.00019	0.00140	<0.00086
	11/25/2013	<0.00028	<0.00044	<0.00021	0.00063 J	0.00063	<0.00086
	1/14/2014	<0.00028	<0.00023	<0.00021	<0.00019	<0.00024	<0.00086
	4/10/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/10/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/17/2014	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/22/2015	<0.00021	<0.00022	<0.00031	0.004	0.004	<0.00089
	4/16/2015	<0.00024	0.0031	0.002	0.218	0.2227	<0.00073
	7/23/2015	0.00026 J	0.00021 J	<0.00027	0.002	0.0020	<0.00073
	10/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/13/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/24/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/25/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	4/20/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	7/25/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/30/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/26/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	10/26/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	9/25/2019	<0.00020	<0.00038	<0.00030	<0.00036	<0.00038	<0.00032
	12/26/2019	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	4/14/2020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes:

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(8) Not sampled- Well box inaccessible due to ice.

Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
A-11	7/1/1995	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1995	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/1996	<0.001	0.00200	<0.001	0.00430	0.00630	<0.001
	4/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1996	<0.001	0.00300	<0.001	<0.003	0.00300	<0.001
	1/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1997	<0.001	<0.001	0.01800	<0.003	0.01800	<0.001
	1/1/1998	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1998	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	7/22/1998	<0.001	<0.001	<0.001	0.00300	0.00300	<0.001
	10/1/1998	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	1/1/1999	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	4/1/1999	<0.001	0.00500	0.00800	0.01900	0.01000	<0.001
	8/1/1999	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/1999	<0.001	0.00200	<0.001	0.00500	0.00700	<0.001
	2/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/2000	<0.001	0.00200	0.00500	0.04700	0.05400	<0.001
	2/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/2003	<0.001	0.00300	<0.001	<0.003	0.00300	<0.001
	12/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/2004	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/2005	<0.001	0.00065	<0.001	<0.001	0.00065	<0.002
	7/26/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	3/29/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/2006	<0.001	<0.001	<0.001	0.00042	0.00042	<0.002
	10/6/2006	<0.001	0.00140	0.00230	0.01390	0.01760	<0.002
	1/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002

Notes:

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Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
A-11	1/3/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/29/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/2009	<0.001	<0.001	<0.001	0.00093 J	0.00093	<0.002
	6/10/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	Dec-09 (8)	NS	NS	NS	NS	NS	NS
	3/19/2010	<0.005	0.03300	0.22900	1.85000	2.11200	<0.010
	6/17/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/2010	<0.001	<0.001	<0.001	0.00032	<0.001	<0.002
	3/8/2011	<0.001	<0.001	<0.001	0.00043	0.00043	<0.002
	7/7/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	9/1/2011	<0.00022	0.00030 J	0.00940	0.15300	0.16270	<0.0002
	11/18/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/20/2012	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/1/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/2013	<0.00024	<0.00023	<0.00023	0.00063 J	0.00063	<0.0007
	6/17/2013	<0.00024	0.00035 J	<0.00023	0.00063 J	0.00098	<0.0007
	10/4/2013	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/26/2013	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	4/11/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/11/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/17/2014	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/23/2015	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/27/2015	<0.00024	0.00027 J	<0.00027	0.00050 J	0.00077	<0.00073
	7/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/2016	<0.00024	<0.00016	<0.00027	0.00040 J	0.00040	<0.00073
	7/15/2016	Dry - Not Sampled					
	10/25/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/25/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	4/21/2017	<0.00014	<0.00023	<0.00020	0.00063 J	0.00063	<0.001
	7/26/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/31/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/10/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/27/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	10/25/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010

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Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
A-23	7/1/1995	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1995	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1996	<0.001	0.00300	<0.001	<0.003	0.00300	<0.001
	1/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/1998	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1998	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	7/22/1998	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1998	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	1/1/1999	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	4/1/1999	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	8/1/1999	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/1999	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/2002	NS	NS	NS	NS	NS	NS
	11/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	12/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/2004	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	7/27/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	3/29/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/6/2006	<0.001	0.00110	0.00130	0.00780	0.01020	<0.002
	1/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002

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		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
A-23	1/3/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/29/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/10/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	Dec-09 (8)	NS	NS	NS	NS	NS	NS
	3/19/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/17/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/8/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	9/1/2011	<0.00022	<0.00015	<0.00021	0.00040 J	0.00040	<0.0002
	11/17/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/19/2012	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/1/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	6/17/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	10/4/2013	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/25/2013	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	4/11/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/11/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/17/2014	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/23/2015	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/16/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/15/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/25/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	1/24/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	4/21/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	7/26/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/31/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/10/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/27/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	10/26/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	9/27/2019	<0.00020	<0.00038	<0.00030	<0.00036	<0.00038	<0.00032
	12/30/2019	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	4/14/2020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes:

Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

(1) NS - Not Sampled

(2) NA - Not Applicable

(3) mg/L - Milligrams Per Liter

(4) <MDL - Less Than Method Detection Limit

(5) J - Estimated Value. Parameter measured at concentration below the laboratory reporting limit

(6) RL - Laboratory Reporting Limit

(7) Not sampled- Well box inaccessible due to flooding of lot.

(8) Not sampled- Well box inaccessible due to ice.

Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW-4	7/1/1995	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1995	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1996	<0.001	0.00300	<0.001	<0.003	0.00300	<0.001
	1/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/1998	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1998	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	7/22/1998	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1998	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	1/1/1999	<0.001	<0.001	<0.001	0.00500	0.00500	<0.001
	4/1/1999	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	8/1/1999	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/1999	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	12/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/2004	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	7/27/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	3/29/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/6/2006	<0.001	0.00077 J	0.00075 J	0.00420	0.00572	<0.002
	1/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002

Notes:

Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

(1) NS - Not Sampled

(2) NA - Not Applicable

(3) mg/L - Milligrams Per Liter

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(5) J - Estimated Value. Parameter measured at concentration below the laboratory reporting limit

(6) RL - Laboratory Reporting Limit

(7) Not sampled- Well box inaccessible due to flooding of lot.

(8) Not sampled- Well box inaccessible due to ice.

Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW-4	1/3/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/29/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/10/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/22/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/17/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/8/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	9/1/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	11/18/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/19/2012	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/1/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	6/17/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	10/4/2013	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/26/2013	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	4/11/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/11/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/16/2014	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/23/2015	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/17/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/23/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/21/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/15/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/25/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/25/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	4/20/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	7/26/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/31/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/10/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/27/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	10/26/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	9/27/2019	<0.00020	<0.00038	<0.00030	<0.00036	<0.00038	<0.00032
	12/26/2019	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	4/13/2020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes:

Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

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Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW-5	7/1/1995	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1995	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1996	<0.001	0.00400	<0.001	0.00500	0.00900	<0.001
	1/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/1998	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1998	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	7/22/1998	<0.001	<0.001	<0.001	<0.003	<MDL	0.002
	10/1/1998	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	1/1/1999	<0.001	<0.001	<0.001	0.00800	0.00800	<0.001
	4/1/1999	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	8/1/1999	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/1999	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/2000	<0.001	0.00200	0.00300	0.02600	0.03100	<0.001
	2/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	12/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/2004	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	7/27/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	3/28/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/6/2006	<0.001	0.00036 J	0.00029 J	0.00069 J	0.00134	<0.002
	1/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002

Notes:

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Shore Realty Corporation (AES) - Site No. 130006
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Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW-5	1/3/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/29/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/10/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/2009	<0.001	<0.001	<0.001	0.0011	<0.001	<0.002
	12/22/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/17/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/8/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	9/1/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	11/18/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/19/2012	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/1/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	6/17/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	10/4/2013	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/25/2013	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	4/11/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/11/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/17/2014	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/23/2015	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/17/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/23/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/21/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/15/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/25/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	1/25/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	4/21/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	7/26/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/31/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/10/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/27/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	10/26/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	9/26/2019	<0.00020	<0.00038	<0.00030	<0.00036	<0.00038	<0.00032
	12/26/2019	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	4/13/2020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes:

Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

(1) NS - Not Sampled

(2) NA - Not Applicable

(3) mg/L - Milligrams Per Liter

(4) <MDL - Less Than Method Detection Limit

(5) J - Estimated Value. Parameter measured at concentration below the laboratory reporting limit

(6) RL - Laboratory Reporting Limit

(7) Not sampled- Well box inaccessible due to flooding of lot.

(8) Not sampled- Well box inaccessible due to ice.

Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW-6	7/1/1995	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1995	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/1996	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1996	<0.001	0.005	<0.001	0.005	0.010	<0.001
	1/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	7/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1997	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	1/1/1998	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	4/1/1998	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	7/22/1998	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	10/1/1998	<0.001	<0.002	<0.001	<0.004	<MDL	<0.001
	1/1/1999	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	4/1/1999	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001
	8/1/1999	<0.001	<0.001	<0.001	<MDL	<MDL	<0.001
	11/1/1999	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/1999	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/2000	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/1/2000	<0.001	0.003	0.004	0.034	0.041	<0.001
	2/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/1/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/30/2001	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	2/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	5/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	8/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	11/2/2002	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/26/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	9/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	12/30/2003	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	3/31/2004	<0.001	<0.001	<0.001	<0.003	<MDL	<0.001
	6/24/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/18/2004	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/19/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	7/27/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	11/15/2005	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	3/28/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/19/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	10/6/2006	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	1/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	4/1/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	6/7/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002
	9/25/2007	<0.001	<0.001	<0.001	<0.001	<RL	<0.002

Notes:

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(1) NS - Not Sampled

(2) NA - Not Applicable

(3) mg/L - Milligrams Per Liter

(4) <MDL - Less Than Method Detection Limit

(5) J - Estimated Value. Parameter measured at concentration below the laboratory reporting limit

(6) RL - Laboratory Reporting Limit

(7) Not sampled- Well box inaccessible due to flooding of lot.

(8) Not sampled- Well box inaccessible due to ice.

Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
SW-6	1/3/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/8/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	11/20/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/10/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/16/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/22/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/19/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	6/17/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	10/4/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	12/10/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/8/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	7/8/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	9/1/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	11/18/2011	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	3/19/2012	<0.00022	<0.00015	<0.00021	<0.00017	<0.00022	<0.0002
	6/1/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	9/12/2012	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	1/3/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	3/27/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	6/17/2013	<0.00024	<0.00023	<0.00023	<0.00024	<0.00024	<0.0007
	10/4/2013	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/26/2013	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	4/11/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/11/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/16/2014	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/23/2015	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/17/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/23/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/21/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/21/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/15/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/25/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	1/25/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	4/21/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	7/26/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/31/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/10/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/20/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/27/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	10/26/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	9/26/2019	<0.00020	<0.00038	<0.00030	<0.00036	<0.00038	<0.00032
	12/26/2019	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	4/13/2020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes:

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Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
WP-5A	11/21/2011	<0.00024	0.0093 J	1.62000	19.4000	21.0293	<0.0007
	3/20/2012	<0.00044	0.0145 J	0.70300	6.1700	6.8875	<0.0040
	9/25/2012	<0.00024	0.01190	1.08000	6.8400	7.9319	<0.0007
	1/17/2003	<0.00012	0.01450	0.30700	4.2100	4.5315	<0.0035
	3/27/2013	<0.00024	0.02670	0.60700	10.7000	11.3337	<0.0070
	6/17/2013	<0.00024	0.00880	0.09580	1.0800	1.1846	<0.0070
	10/4/2013	<0.00028	0.02500	0.00140	0.1230	0.1494	<0.00086
	11/26/2013	<0.00028	0.00110	0.08720	2.1100	2.1983	<0.00086
	1/17/2014	<0.00028	0.00496	0.16900	2.6800	2.8540	<0.00086
	4/11/2014	<0.0014	<0.0022	0.25000	2.3700	2.6200	<0.0043
	7/11/2014	<0.0028	<0.0044	0.06940	2.5800	2.6494	<0.00086
	10/17/2014	<0.00021	0.00044 J	0.00250	0.5250	0.5279	<0.00089
	1/23/2015	<0.00021	0.00390	0.76100	4.3800	5.1449	<0.00089
	4/17/2015	<0.0047	0.0091 J	1.41000	9.6800	11.0991	<0.015
	7/22/2015	<0.00024	0.00045 J	0.01970	0.3510	0.3712	<0.00073
	10/23/2015	<0.00024	0.00035 J	0.10200	0.2960	0.3984	<0.00073
	1/21/2016	<0.00024	0.00035 J	0.13900	0.4920	0.6314	<0.00073
	4/20/2016	<0.0012	<0.00081	0.78200	3.1300	3.9120	<0.0036
	7/15/2016	<0.00014	0.00140	0.13800	0.3470	0.4864	<0.00035
	10/25/2016	<0.00015	0.00026 J	0.12600	0.0558	0.1821	<0.001
	1/25/2017	<0.00035	<0.00057	0.53200	1.5700	2.1020	<0.0025
	4/21/2017	<0.00014	0.00060 J	0.18700	0.4480	0.6356	<0.001
	7/26/2017	<0.00017	<0.00025	0.20700	0.4130	0.6200	<0.0010
	10/31/2017	0.00036 J	0.00035 J	0.13300	0.3910	0.5247	<0.0010
	1/10/2018	<0.00017	<0.00025	0.07440	0.1230	0.1974	<0.0010
	4/19/2018	<0.00017	0.0093 J	1.72000	8.7400	10.4693	<0.0010
	8/14/2018	<0.00043	<0.00053	0.13700	0.0210	0.1580	<0.0010
	10/25/2018	<0.00043	<0.00053	0.31400	0.0248	0.3388	<0.0010
	9/27/2019	<0.00020	<0.00038	0.012	0.0043	0.0163	<0.00032
	12/30/2019	<0.0010	0.00038 J	0.44	0.4435	0.88388	<0.0010
	4/15/2020	<0.0050	<0.0050	0.66	1.758	2.418	<0.0050
GX-5	10/4/2013	<0.00028	0.00034 J	<0.00044	0.00210	0.00244	<0.00086
	11/25/2013	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	1/17/2014	<0.00028	<0.00044	<0.00021	0.00045 J	0.00045	<0.00086
	4/10/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00044	<0.00086
	7/10/2014	<0.00028	<0.00044	<0.00021	<0.00019	<0.00112	<0.00086
	10/16/2014	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	1/22/2015	<0.00021	<0.00022	<0.00031	<0.00020	<0.00031	<0.00089
	4/17/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	1/20/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/13/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/24/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	1/24/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	4/20/2017	<0.00014	<0.00023	0.00022 J	0.00067 J	0.00089	<0.0010
	7/26/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/30/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/19/2018	<0.00017	0.00084 J	0.00160	0.01550	0.01794	<0.0010
	7/26/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	10/25/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	9/26/2019	<0.00020	<0.00038	<0.00030	<0.00036	<0.00038	<0.00032
	12/27/2019	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	4/13/2020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes:

Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

(1) NS - Not Sampled

(2) NA - Not Applicable

(3) mg/L - Milligrams Per Liter

(4) <MDL - Less Than Method Detection Limit

(5) J - Estimated Value. Parameter measured at concentration below the laboratory reporting limit

(6) RL - Laboratory Reporting Limit

(7) Not sampled- Well box inaccessible due to flooding of lot.

(8) Not sampled- Well box inaccessible due to ice.

Table 4
New York State Department of Environmental Conservation
Shore Realty Corporation (AES) - Site No. 130006
1 Shore Road, Glenwood Landing, New York
Concentrations of BTEX and Methylene Chloride in Groundwater

Sample Location	Sample Month	MONITORED CONSTITUENTS					
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Methylene Chloride (mg/L)
GX-6	10/4/2013	<0.00028	0.03650	<0.00044	0.12800	0.16450	<0.00086
	11/25/2013	<0.00028	0.00170	0.04020	0.19000	0.23190	<0.00086
	1/17/2014	<0.00028	<0.00044	0.12100	0.40100	0.52200	<0.00086
	4/10/2014	<0.00028	<0.00044	0.05580	0.10300	0.15880	<0.00086
	7/10/2014	<0.00028	<0.00044	0.02320	0.03050	0.05370	<0.00086
	10/16/2014	<0.00021	<0.00022	0.00680	0.00930	0.01610	<0.00089
	1/22/2015	<0.00021	<0.00022	0.00570	0.00730	0.01300	<0.00089
	4/17/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/22/2015	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	10/22/2015	<0.00024	<0.00016	0.00047 J	0.00040 J	0.00087	<0.00073
	1/20/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	4/20/2016	<0.00024	<0.00016	<0.00027	<0.00017	<0.00027	<0.00073
	7/13/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.00035
	10/24/2016	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.001
	1/24/2017	<0.00014	<0.00023	<0.00020	<0.00021	<0.00023	<0.0010
	4/20/2017	<0.00014	<0.00023	0.00045 J	<0.00021	0.00045	<0.0010
	7/25/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	10/30/2017	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	1/9/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	4/19/2018	<0.00017	<0.00025	<0.00022	<0.00022	<0.00025	<0.0010
	7/26/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	10/25/2018	<0.00043	<0.00053	<0.00060	<0.00059	<0.00060	<0.0010
	9/26/2019	<0.00020	<0.00038	<0.00030	<0.00036	<0.00038	<0.00032
	12/27/2019	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	4/15/2020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
GX-7	10/4/2013	<0.00028	<0.00021	<0.00044	<0.00019	<0.00044	<0.00086
	11/25/2013	<0.00028	<0.00044	0.09760	1.44000	1.53760	<0.00086
	1/17/2014	<0.00028	0.01570	0.08280	0.57000	0.66850	<0.00086
	4/10/2014	<0.00028	0.08090	0.39200	3.21000	3.68290	<0.00086
	7/10/2014	<0.0028	<0.0044	0.38800	3.52000	3.90800	<0.00086
	10/16/2014	<0.00021	0.00042 J	0.02420	0.38100	0.40562	<0.00089
	1/22/2015	<0.00021	0.00025 J	0.01480	0.24200	0.25705	<0.00089
	4/16/2015	<0.0012	0.05380	0.45700	2.73000	3.24080	<0.00073
	7/23/2015	<0.00024	0.00150	0.08650	0.56100	0.64900	<0.00073
	10/22/2015	<0.0012	<0.081	0.15400	1.36000	1.51400	<0.0036
	1/20/2016	<0.00024	0.0013	0.02640	0.10500	0.1327	<0.00073
	4/20/2016	<0.0012	0.01230	0.18600	1.39000	1.58830	<0.0036
	7/13/2016	<0.00014	0.00082 J	0.05720	0.27200	0.33002	<0.00035
	10/24/2016	<0.00014	0.00110	0.03500	0.38900	0.42510	<0.0010
	1/24/2017	<0.00014	<0.00023	<0.00020	0.00077 J	0.00077	<0.0010
	4/20/2017	<0.00014	0.01240	0.28500	2.52000	2.81740	<0.001
	7/25/2017	<0.00044	<0.00062	0.20200	2.40000	2.60262	<0.0025
	10/30/2017	0.00017J	<0.00025	0.00020	0.97100	0.97137	<0.0010
	1/9/2018	<0.00017	<0.00025	0.04860	0.65800	0.70660	<0.0010
	4/19/2018	<0.00017	0.00780	0.14400	0.88300	1.03480	<0.0010
	7/26/2018	<0.00043	<0.00053	0.04980	0.58900	0.63880	<0.0010
	10/25/2018	<0.00043	<0.00053	0.00160	0.07620	0.07780	<0.0010
	9/26/2019	<0.00041	<0.00076	0.076	0.791	0.867	<0.00063
	12/30/2019	<0.0010	<0.0010	<0.0010	0.00036 J	0.00036 J	<0.0010
	4/15/2020	<0.0010	<0.0010	0.0014	0.006	0.0074	<0.0010

Notes:

Source of historic data: Semi-Annual Report/Technical Memorandum: August 2018 - December 2018, dated January 9, 2019, prepared by Environmental Resources Management.

(1) NS - Not Sampled

(2) NA - Not Applicable

(3) mg/L - Milligrams Per Liter

(4) <MDL - Less Than Method Detection Limit

(5) J - Estimated Value. Parameter measured at concentration below the laboratory reporting limit

(6) RL - Laboratory Reporting Limit

(7) Not sampled- Well box inaccessible due to flooding of lot.

(8) Not sampled- Well box inaccessible due to ice.

ATTACHMENT A

GROUNDWATER SAMPLING LOGS

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-30-19
GX-0	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	9.7	5.05	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	~9.5	1040	1110	252.36	2	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1040	252.36	5.06	6.35	3.14	0.541	5.02	126	159.0	SP	Light tan, NO, NS
1045	252.36	5.30	6.60	3.12	0.534	4.12	123	49.7	SP	Light tan, NO, NS
1050	252.36	5.78	6.74	3.06	0.538	3.41	129	48.00	SP	Light tan, NO, NS
1055	252.36	6.12	6.75	3.02	0.543	3.20	135	34.5	SP	Light tan, NO, NS
1100	252.36	6.59	6.79	3.02	0.531	3.28	129	32.2	SP	Light tan, NO, NS
1105	252.36	7.02	6.83	2.98	0.545	2.98	134	29.7	SP	Light tan, NO, NS
1110	252.36	7.50	6.85	3.01	0.544	3.14	128	28.6	SP	Light tan, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1110
SR-GX-0-WG-20191230	1115	3 x 40ml VOA Vials	Sample Finish Time: 1115
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-27-19
GX-1	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	4.0	7.15	<0.5	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	~7.0	1230	1300	252.36	2	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1230	252.36	0.30	9.36	9.58	0.235	0.00	9	65.6	EC	Sheen on gw surface
1235	252.36	0.30	8.85	9.04	0.236	0.00	23	53.6	EC	Clear, NO, NS
1240	252.36	0.30	8.76	8.76	0.237	0.00	20	51.50	EC	Clear, NO, NS
1245	252.36	0.30	8.66	8.51	0.238	0.00	24	25.0	EC	Clear, NO, NS
1250	252.36	0.30	8.56	8.41	0.238	0.00	27	13.7	EC	Clear, NO, NS
1255	252.36	0.30	8.47	8.27	0.238	0.00	33	21.0	EC	Clear, NO, NS
1300	252.36	0.30	8.41	8.59	0.239	0.00	23	16.5	EC	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1300
SR-GX-1-WG-20191227	1305	3 x 40ml VOA Vials	Sample Finish Time: 1305
Analytical Parameters:			
TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-27-19
GX-2	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	11.4	6.64	-	NM	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	10.5	1025	111.0	378.54	3	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1045	378.54	6.64	13.60	7.04	0.699	0.00	-75	0.0	EC	Clear, NO, NS
1050	378.54	7.39	13.35	5.03	0.677	0.00	28	800.0	EC	Clear, NO, NS
1055	378.54	7.39	13.23	5.08	0.674	0.93	39	231.00	EC	Clear, NO, NS
1100	378.54	7.42	13.40	5.23	0.673	0.00	15	92,1	EC	Clear, NO, NS
1105	378.54	7.46	13.49	5.36	0.682	0.34	25	83.8	EC	Clear, NO, NS
1110	378.54	7.54	13.27	5.41	0.676	0.73	23	79.9	EC	Clear, NO, NS
1115	378.54	7.58	13.23	5.40	0.675	0.76	24	75.6	EC	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1115
SR-GX-2-WG-20191227	1120	3 x 40ml VOA Vials	Sample Finish Time: 1120
Analytical Parameters:			
TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-26-19
GX-3	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	9.89	3.03	-	NM	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	~9.5	1320	1350	315.45	2.5	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1320	315.45	3.03	11.32	7.74	0.282	0.00	-118.0	1.7	SP	Clear, NO, NS
1325	315.45	3.37	11.77	7.85	0.280	7.93	-123	1.7	SP	Clear, NO, NS
1330	315.45	3.52	11.91	7.88	0.284	8.26	-122	0.0	SP	Clear, NO, NS
1335	315.45	3.63	12.04	7.86	0.290	6.78	-123	0.0	SP	Clear, NO, NS
1340	315.45	3.74	12.12	7.84	0.297	6.25	-123	0.0	SP	Clear, NO, NS
1345	315.45	3.84	12.30	7.84	0.302	5.89	-123	0.0	SP	Clear, NO, NS
1350	315.45	3.94	12.39	7.81	0.308	5.55	-122	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1350
SR-GX-3-WG-20191226	1355	3 x 40ml VOA Vials	Sample Finish Time: 1355
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-26-19
GX-4	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	10.9	7.06	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	~10.0	1155	1225	250	2	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1155	252.36	7.06	7.42	6.59	0.358	8.94	101	20.1	SP	Clear, NO, NS
1200	252.36	7.12	7.24	7.02	0.369	7.20	91	18.7	SP	Clear, NO, NS
1205	252.36	7.21	7.34	7.17	0.372	7.00	86	16.5	SP	Clear, NO, NS
1210	252.36	7.27	7.40	7.23	0.376	6.93	84	16.3	SP	Clear, NO, NS
1215	252.36	7.33	7.62	7.31	0.385	6.23	50	15.0	SP	Clear, NO, NS
1220	252.36	7.39	7.71	7.34	0.389	6.64	44	14.1	SP	Clear, NO, NS
1225	252.36	7.45	7.80	7.37	0.386	6.66	45	13.7	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1225
SR-GX-4-WG-20191226	1230	3 x 40ml VOA Vials	Sample Finish Time: 1230
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-30-19
A-23	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	N/M	N/M	N/M	-	N/M	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon		1140	1215	297.43	2.75	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1140	297.43	NM	8.85	2.73	0.339	11.82	481	2.7	SP	Clear, NO, NS
1145	297.43	NM	9.79	3.49	0.373	11.54	447	0.1	SP	Clear, NO, NS
1150	297.43	NM	10.02	4.11	0.388	12.10	429	0.0	SP	Clear, NO, NS
1155	297.43	NM	10.12	4.35	0.409	11.70	434	0.2	SP	Clear, NO, NS
1200	297.43	NM	10.17	4.46	0.421	11.81	432	0.0	SP	Clear, NO, NS
1205	297.43	NM	10.21	4.47	0.428	11.60	430	0.0	SP	Clear, NO, NS
1210	297.43	NM	10.14	4.41	0.434	11.51	426	0.0	SP	Clear, NO, NS
1215	297.43	NM	10.18	4.46	0.436	11.44	422	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1215
SR-A-23-WG-20191230	1220	3 x 40ml VOA Vials	Sample Finish Time: 1220
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-26-19
SW-4	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	2.0	26.9	1.68	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	25	0800	0840	220.82	1.75	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1105	220.82	1.68	10.66	6.02	0.072	8.48	305	0.0	SP	Clear, NO, NS
1110	220.82	1.79	10.73	6.00	0.072	6.98	306	0.0	SP	Clear, NO, NS
1115	220.82	1.69	10.85	6.05	0.072	6.85	303	0.0	SP	Clear, NO, NS
1120	220.82	1.69	10.88	6.08	0.071	6.99	304	0.0	SP	Clear, NO, NS
1125	220.82	1.67	10.89	6.13	0.072	6.93	304	0.0	SP	Clear, NO, NS
1130	220.82	1.72	10.93	6.20	0.071	7.23	302	0.0	SP	Clear, NO, NS
1135	220.82	1.72	10.93	6.27	0.071	7.20	299	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1135
SR-SW-4-WG-20190926	1140	3 x 40ml VOA Vials	Sample Finish Time: 1140
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-26-19
SW-5	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	2.0	32.0	4.21	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	30	1015	1045	378.54	3	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1015	378.54	4.21	11.08	6.07	0.154	7.27	261	4.3	SP	Clear, NO, NS
1020	378.54	4.14	11.02	5.97	0.152	6.91	280	0.0	SP	Clear, NO, NS
1025	378.54	4.06	10.95	5.81	0.150	6.77	300	0.0	SP	Clear, NO, NS
1030	378.54	4.04	10.92	5.68	0.148	6.99	306	0.0	SP	Clear, NO, NS
1035	378.54	4.03	11.18	5.99	0.146	6.27	290	0.0	SP	Clear, NO, NS
1040	378.54	4.01	11.19	6.02	0.144	6.29	292	0.0	SP	Clear, NO, NS
1045	378.54	3.99	11.24	6.04	0.144	6.30	297	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1045
SR-SW-5-WG-20191226	1050	3 x 40ml VOA Vials	Sample Finish Time: 1050
Analytical Parameters:			
TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-26-19
SW-6	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	2.0	27.35	9.01	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	26	0905	0935	252.36	2	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0905	252.36	9.01	14.80	5.63	0.268	7.42	236	0.0	SP	Clear, NO, NS
0910	252.36	9.06	13.23	5.86	0.245	5.84	268	0.0	SP	Clear, NO, NS
0915	252.36	9.09	12.64	5.77	0.234	5.46	277	0.0	SP	Clear, NO, NS
0920	252.36	9.02	12.29	5.74	0.234	5.39	285	0.0	SP	Clear, NO, NS
0925	252.36	8.97	12.12	5.87	0.234	5.39	283	0.0	SP	Clear, NO, NS
0930	252.36	8.98	12.02	5.81	0.233	5.40	279	0.0	SP	Clear, NO, NS
0935	252.36	8.98	11.95	5.84	0.233	5.41	277	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 0935
SR-SW-6-WG-20191226	0940	3 x 40ml VOA Vials	Sample Finish Time: 0940

Analytical Parameters:
TCL VOCs, USEPA Method 8260

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-30-19
WP-5A	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
									Site Name: NYSDEC Shore Realty Corp
PERMIT NUMBER									Site Location: Glenwood Landing, NY
NA	1.5	7.6	2.39	-	1.1	NM	NM	NM	Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	7.0	0940	1015	324.46	3	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0940	324.46	4.1	6.13	4.72	0.201	3.23	81	218.0	JM	Clear, NO, NS
0945	324.46	4.8	6.20	4.24	0.206	2.05	89	187.0	JM	Clear, NO, NS
0950	324.46	5.25	6.30	3.72	0.235	1.62	92	111.0	JM	Clear, NO, NS
0955	324.46	6.1	6.74	3.11	0.251	1.59	116	37.0	JM	Clear, NO, NS
1000	324.46	6.48	6.88	2.80	0.255	1.50	122	3.5	JM	Clear, NO, NS
1005	324.46	6.93	7.00	2.68	0.250	1.50	124	3.6	JM	Clear, NO, NS
1010	324.46	7.10	7.09	2.66	0.250	1.49	128	3.4	JM	Clear, NO, NS
1015	324.46	7.13	7.12	2.66	0.247	1.48	128	3.2	JM	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1015
SR-WP-5A-WG-20191230	1020	3 x 40ml VOA Vials	Sample Finish Time: 1020
Analytical Parameters:			
TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-27-19
GX-5	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	15.5	2.29	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	~15.0	0955	1030	270.39	2.5	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0955	270.39	2.29	14.12	8.75	0.290	5.65	66	0.0	EC	Clear, NO, NS
1000	270.39	2.35	13.26	8.83	0.292	4.01	31	0.0	EC	Clear, NO, NS
1005	270.39	2.35	12.82	8.88	0.293	2.54	16	0.0	EC	Clear, NO, NS
1010	270.39	2.35	12.73	8.88	0.293	1.87	13	0.0	EC	Clear, NO, NS
1015	270.39	2.35	12.71	8.87	0.293	1.11	13	0.0	EC	Clear, NO, NS
1020	270.39	2.34	12.57	8.87	0.294	0.48	13	0.0	EC	Clear, NO, NS
1025	270.39	2.33	12.57	8.74	0.294	0.46	21	0.0	EC	Clear, NO, NS
1030	270.39	2.34	12.55	8.77	0.294	0.05	17	0.0	EC	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1030
SR-GX-5-WG-20191227	1035	3 x 40ml VOA Vials	Sample Finish Time: 1035
Analytical Parameters:			
TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-27-19
GX-6	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	15.8	2.16	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	~15.0	1125	1210	189.27	2.25	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1125	189.27	2.16	11.36	7.88	0.424	0.35	-65	91.00	EC	Sheen on groundwater surface
1130	189.27	2.44	11.26	7.68	0.420	0.00	-40	72.1	EC	Clear, NO, NS
1135	189.27	2.54	11.14	8.46	0.420	0.00	-57	66.8	EC	Clear, NO, NS
1140	189.27	2.58	11.10	9.00	0.420	0.00	-77	39.8	EC	Clear, NO, NS
1145	189.27	2.67	11.04	9.97	0.421	0.00	-115	37.0	EC	Clear, NO, NS
1150	189.27	2.71	11.04	10.52	0.421	0.00	-137	33.4	EC	Clear, NO, NS
1155	189.27	2.79	11.01	10.89	0.421	0.00	-67	24.4	EC	Clear, NO, NS
1200	189.27	2.97	11.02	9.27	0.421	0.00	-77	22.8	EC	Clear, NO, NS
1205	189.27	3.00	11.03	10.12	0.422	0.00	-114	20.9	EC	Clear, NO, NS
1210	189.27	3.08	11.02	10.66	0.422	0.00	-137	21.4	EC	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1210
SR-GX-6-WG-20190926	1215	3 x 40ml VOA Vials	Sample Finish Time: 1215
Analytical Parameters:			
TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 12-30-19
GX-7	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP/EC
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	12.5	<0.5	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 327138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon	~12.0	0740	0810	283.91	2.25	Rental Equipment: Pump: 47312 IP: 37062 HORIBA (HS/sensor): 33115/21344		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0740	283.91	<0.5	9.68	7.33	0.105	5.85	61	168.4	SP	Light tan, NO, NS
0745	283.91	<0.5	8.13	6.79	0.097	5.56	82.0	127.8	SP	Light tan, NO, NS
0750	283.91	<0.5	7.38	6.36	0.880	6.07	105	92.9	SP	Light tan, NO, NS
0755	283.91	<0.5	6.91	6.08	0.085	6.27	121	71.0	SP	Light tan, NO, NS
0800	283.91	<0.5	6.67	5.88	0.088	6.01	126	48.7	SP	Light tan, NO, NS
0805	283.91	<0.5	6.67	5.67	0.094	5.43	130	33.5	SP	Light tan, NO, NS
0810	283.91	<0.5	6.70	5.54	0.097	5.64	139	26.9	SP	Light tan, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 0810
SR-GX-7-WG-20191230	0815	3 x 40ml VOA Vials	Sample Finish Time: 0815
Analytical Parameters:			
TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-15-20
GX-0	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	9.7	0.00	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~9.5	0730	0805	270.39	2.5	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0730	270.39	0.00	10.37	8.36	0.814	0.15	-156	1.5	SP	Clear, NO, NS
0735	270.39	0.00	10.65	8.52	0.806	0.00	-157	1.2	SP	Clear, NO, NS
0740	270.39	0.00	10.77	8.65	0.538	0.00	-159	1.0	SP	Clear, NO, NS
0745	270.39	0.00	10.83	8.74	0.328	0.19	-161	0.9	SP	Clear, NO, NS
0750	270.39	0.00	10.89	8.80	0.284	0.37	-164	1.3	SP	Clear, NO, NS
0755	270.39	0.00	11.03	8.88	0.257	0.40	-169	0.0	SP	Clear, NO, NS
0800	270.39	0.00	11.11	8.96	0.251	0.42	-170	0.0	SP	Clear, NO, NS
0805	270.39	0.00	11.16	9.00	0.245	0.45	-175	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 0805
SR-GX0-WG-20200415	0810	3 x 40ml VOA Vials	Sample Finish Time: 0810
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-14-20
GX-1	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
									Site Name: NYSDEC Shore Realty Corp
PERMIT NUMBER									Site Location: Glenwood Landing, NY
NA	4.0	7.15	0.00	-	0.0	NM	NM	NM	Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~7.0	1245	1345	157.73	2.5	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1245	157.73	0.00	11.56	7.93	0.540	0.45	-26	158	SP	Clear, NO, NS
1250	157.73	0.00	11.68	7.91	0.512	0.28	-6	127	SP	Clear, NO, NS
1255	157.73	0.00	11.85	7.92	0.409	0.42	4	70.2	SP	Clear, NO, NS
1300	157.73	0.00	12.00	8.07	0.276	1.31	7	53.7	SP	Clear, NO, NS
1305	157.73	0.00	12.11	8.12	0.209	1.78	11	64.6	SP	Clear, NO, NS
1310	157.73	0.00	12.19	8.19	0.173	2.61	17	59.9	SP	Clear, NO, NS
1315	157.73	0.00	12.24	8.30	0.151	3.35	22	52.1	SP	Clear, NO, NS
1320	157.73	0.00	12.30	8.39	0.129	3.97	23	45.5	SP	Clear, NO, NS
1325	157.73	0.00	12.34	8.48	0.110	4.28	22	40.9	SP	Clear, NO, NS
1330	157.73	0.00	12.35	8.59	0.107	4.70	24	38.4	SP	Clear, NO, NS
1335	157.73	0.00	12.39	8.66	0.110	5.03	25	35.1	SP	Clear, NO, NS
1340	157.73	0.00	12.42	8.72	0.105	4.82	25	32.8	SP	Clear, NO, NS
1345	157.73	0.00	12.44	8.83	0.105	4.95	25	30.3	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1345
SR-GX1-WG-20200414	1350	3 x 40ml VOA Vials	Sample Finish Time: 1350
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-14-20
GX-2	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	11.4	0.00	-	NM	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~10.5	1110	1150	324.46	3	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1110	324.46	0.00	12.26	8.82	0.678	0.34	-207	0.0	SP	Clear, NO, NS
1115	324.46	0.00	11.87	8.96	0.590	0.93	-227	0.0	SP	Clear, NO, NS
1120	324.46	0.00	11.69	8.98	0.503	1.74	-228	0.0	SP	Clear, NO, NS
1125	324.46	0.00	11.63	9.06	0.394	1.84	-228	0.0	SP	Clear, NO, NS
1130	324.46	0.00	11.56	9.06	0.309	2.01	-222	0.0	SP	Clear, NO, NS
1135	324.46	0.00	11.56	8.99	0.275	1.98	-214	0.0	SP	Clear, NO, NS
1140	324.46	0.00	11.53	8.92	0.257	1.73	-207	0.0	SP	Clear, NO, NS
1145	324.46	0.00	11.52	8.98	0.249	1.89	-198	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1145
SR-GX2-WG-20200414	1150	3 x 40ml VOA Vials	Sample Finish Time: 1150
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-14-20
GX-3	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	9.89	2.69	-	NM	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~9.5	0945	1040	154.86	2.25	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0945	154.86	2.69	12.53	8.12	0.169	4.80	143	0.0	SP	Clear, NO, NS
0950	154.86	2.90	12.52	8.55	0.168	6.66	88	0.0	SP	Clear, NO, NS
0955	154.86	3.15	12.55	8.62	0.173	5.86	38	0.0	SP	Clear, NO, NS
1000	154.86	3.29	12.60	8.64	0.181	9.34	-1	0.0	SP	Clear, NO, NS
1005	154.86	3.53	12.55	8.68	0.188	2.19	-23	0.0	SP	Clear, NO, NS
1010	154.86	3.75	12.72	8.64	0.209	1.67	-52	0.0	SP	Clear, NO, NS
1015	154.86	3.97	12.44	8.58	0.240	1.18	-85	0.0	SP	Clear, NO, NS
1020	154.86	3.21	12.49	8.57	0.253	1.06	-89	0.0	SP	Clear, NO, NS
1025	154.86	3.45	12.45	8.53	0.288	0.87	-91	0.0	SP	Clear, NO, NS
1030	154.86	3.60	12.44	8.50	0.279	0.76	-94	0.0	SP	Clear, NO, NS
1035	154.86	3.78	12.47	8.49	0.269	0.70	-87	0.0	SP	Clear, NO, NS
1040	154.86	3.95	12.39	8.45	0.262	0.65	-95	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1040
SR-GX3-WG-20200414	1045	3 x 40ml VOA Vials	Sample Finish Time: 1045
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-14-20
GX-4	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	10.9	0.00	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~10.0	0820	0900	283.91	3	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0820	283.91	0.00	10.65	7.74	0.044	8.93	168	0.0	SP	Clear, NO, NS
0825	283.91	0.00	10.60	7.69	0.043	8.95	163	0.0	SP	Clear, NO, NS
0830	283.91	0.00	10.69	7.68	0.043	8.99	159	0.0	SP	Clear, NO, NS
0835	283.91	0.00	10.74	7.70	0.044	8.99	155	0.0	SP	Clear, NO, NS
0840	283.91	0.00	10.79	7.71	0.044	8.98	153	0.0	SP	Clear, NO, NS
0845	283.91	0.00	10.92	7.67	0.044	9.06	155	0.0	SP	Clear, NO, NS
0850	283.91	0.00	11.04	7.66	0.443	9.06	155	0.0	SP	Clear, NO, NS
0855	283.91	0.00	11.17	7.69	0.444	9.08	154	0.0	SP	Clear, NO, NS
0900	283.91	0.00	11.24	7.64	0	9.09	156	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 0900
SR-GX4-WG-20200414	0905	3 x 40ml VOA Vials	Sample Finish Time: 0905
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-14-20
A-23	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	NM	NM	NM	NM	NM	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	NM	0715	0750	270.39	2.5	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0715	270.39	NM	10.63	8.02	0.042	10.48	165	0.0	SP	Clear, NO, NS
0720	270.39	NM	11.01	8.00	0.042	10.52	168	0.0	SP	Clear, NO, NS
0725	270.39	NM	11.08	7.91	0.043	10.03	170	0.0	SP	Clear, NO, NS
0730	270.39	NM	11.03	7.73	0.046	9.62	175	0.0	SP	Clear, NO, NS
0735	270.39	NM	11.06	7.64	0.046	9.83	179	0.0	SP	Clear, NO, NS
0740	270.39	NM	11.09	7.56	0.046	9.88	183	0.0	SP	Clear, NO, NS
0745	270.39	NM	11.11	7.49	0.047	9.90	182	0.0	SP	Clear, NO, NS
0750	270.39	NM	11.14	7.40	0.047	9.94	188	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 0750
SR-A23-WG-20200414	0755	3 x 40ml VOA Vials	Sample Finish Time: 0755
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-13-20
SW-4	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
									Site Name: NYSDEC Shore Realty Corp
PERMIT NUMBER									Site Location: Glenwood Landing, NY
NA	2.0	26.9	4.94	-	0.0	NM	NM	NM	Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~25	1040	1120	260.25	2.75	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1040	260.25	4.94	12.27	6.17	0.111	10.68	275	0.0	SP	Clear, NO, NS
1045	260.25	5.34	12.79	6.34	0.100	10.67	262	0.0	SP	Clear, NO, NS
1050	260.25	5.44	13.22	6.60	0.092	10.71	248	0.0	SP	Clear, NO, NS
1055	260.25	5.51	11.92	6.75	0.087	10.67	252	0.0	SP	Clear, NO, NS
1100	260.25	5.41	11.87	6.75	0.088	10.55	252	0.0	SP	Clear, NO, NS
1105	260.25	5.47	11.92	6.73	0.088	9.77	254	0.0	SP	Clear, NO, NS
1110	260.25	5.53	11.92	6.72	0.086	10.60	256	0.0	SP	Clear, NO, NS
1115	260.25	5.59	11.90	6.72	0.084	9.95	256	0.0	SP	Clear, NO, NS
1120	260.25	5.65	11.85	6.71	0.085	10.28	256	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1120
SR-SW4-WG-20200413	1125	3 x 40ml VOA Vials	Sample Finish Time: 1125
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-13-20
SW-5	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
									Site Name: NYSDEC Shore Realty Corp
PERMIT NUMBER									Site Location: Glenwood Landing, NY
NA	2.0	32.0	6.46	-	0.0	NM	NM	NM	Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~30	0930	1015	252.36	3	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0930	252.36	6.46	13.01	6.69	0.211	8.09	247	0.0	SP	Clear, NO, NS
0935	252.36	6.70	12.96	6.55	0.204	7.86	252	0.0	SP	Clear, NO, NS
0940	252.36	7.04	12.84	6.52	0.200	7.70	254	0.0	SP	Clear, NO, NS
0945	252.36	7.28	12.99	6.55	0.203	7.61	254	0.0	SP	Clear, NO, NS
0950	252.36	7.52	12.96	6.55	0.201	7.69	255	0.0	SP	Clear, NO, NS
0955	252.36	7.85	12.93	6.53	0.204	7.62	257	0.0	SP	Clear, NO, NS
1000	252.36	8.10	12.90	6.54	0.202	7.61	258	0.0	SP	Clear, NO, NS
1005	252.36	8.26	12.87	6.55	0.200	7.59	258	0.0	SP	Clear, NO, NS
1010	252.36	8.51	12.85	6.56	0.203	7.65	259	0.0	SP	Clear, NO, NS
1015	252.36	8.79	12.83	6.56	0.204	7.55	261	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1015
SR-SW5-WG-20200413	1020	3 x 40ml VOA Vials	Sample Finish Time: 1020
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-13-20
SW-6	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
									Site Name: NYSDEC Shore Realty Corp
PERMIT NUMBER									Site Location: Glenwood Landing, NY
NA	2.0	27.35	10.32	-	0.0	NM	NM	NM	Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~26	0815	0855	189.27	2	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0815	189.27	10.32	13.11	6.77	0.244	6.99	224	0.0	SP	Clear, NO, NS
0820	189.27	10.39	13.15	6.66	0.255	7.05	228	0.0	SP	Clear, NO, NS
0825	189.27	10.43	13.20	6.58	0.258	7.05	236	0.0	SP	Clear, NO, NS
0830	189.27	10.49	13.28	6.54	0.280	7.48	242	0.0	SP	Clear, NO, NS
0835	189.27	10.55	13.40	6.55	0.283	9.55	246	0.0	SP	Clear, NO, NS
0840	189.27	10.60	13.42	6.52	0.325	9.39	248	0.0	SP	Clear, NO, NS
0845	189.27	10.64	13.50	6.52	0.337	9.30	249	0.0	SP	Clear, NO, NS
0850	189.27	10.68	13.54	6.51	0.353	9.22	249	0.0	SP	Clear, NO, NS
0855	189.27	10.72	13.55	6.51	0.366	9.15	249	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 0855
SR-SW6-WG-20200413	0900	3 x 40ml VOA Vials	Sample Finish Time: 0900
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-15-20
WP-5A	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	1.5	7.6	6.07	-	0.8	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~7	0835	0920	126.18	1.5	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0835	126.18	6.07	11.27	8.08	0.256	0.77	-65	126.0	SP	Clear, NO, NS
0840	126.18	6.34	10.77	7.94	0.259	6.54	-65	19.5	SP	Clear, NO, NS
0845	126.18	6.59	10.54	7.96	0.250	6.11	-63	0.00	SP	Clear, NO, NS
0850	126.18	6.93	10.63	8.04	0.253	5.91	-70	0.0	SP	Clear, NO, NS
0855	126.18	6.25	10.64	8.01	0.281	6.58	-68	0.9	SP	Clear, NO, NS
0900	126.18	6.49	10.56	7.95	0.311	6.16	-68	0.0	SP	Clear, NO, NS
0905	126.18	6.76	10.47	7.93	0.296	5.71	-63	0.0	SP	Clear, NO, NS
0910	126.18	7.01	10.39	7.87	0.285	5.44	-58	0.0	SP	Clear, NO, NS
0915	126.18	7.28	10.38	7.87	0.287	5.35	-59	0.0	SP	Clear, NO, NS
0920	126.18	7.56	10.35	7.85	0.282	5.17	-58	0.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 0920
SR-WP5A-WG-20200415	0925	3 x 40ml VOA Vials	Sample Finish Time: 0925
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-13-20
GX-5	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	15.5	0.50	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~15.0	1230	1320	151.42	2	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1230	151.42	0.50	14.24	7.44	0.028	8.44	215	23.3	SP	Clear, NO, NS
1235	151.42	0.78	14.30	7.68	0.026	7.01	214	10.5	SP	Clear, NO, NS
1240	151.42	0.78	14.34	7.82	0.025	9.92	209	19.5	SP	Clear, NO, NS
1245	151.42	0.79	14.34	7.93	0.024	8.26	205	7.7	SP	Clear, NO, NS
1250	151.42	0.79	14.38	7.99	0.025	9.33	202	4.8	SP	Clear, NO, NS
1255	151.42	0.80	14.36	8.03	0.026	9.63	200	4.2	SP	Clear, NO, NS
1300	151.42	0.81	14.36	8.06	0.026	9.05	197	3.1	SP	Clear, NO, NS
1305	151.42	0.82	14.34	8.09	0.026	8.89	195	2.8	SP	Clear, NO, NS
1310	151.42	0.83	14.35	8.04	0.026	9.10	193	2.5	SP	Clear, NO, NS
1315	151.42	0.83	14.33	8.11	0.027	9.23	190	2.7	SP	Clear, NO, NS
1320	151.42	0.85	14.36	8.10	0.027	9.09	189	2.0	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1320
SR-GX5-WG-20200413	1325	3 x 40ml VOA Vials	Sample Finish Time: 1325
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-15-20
GX-6	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
									Site Name: NYSDEC Shore Realty Corp
PERMIT NUMBER									Site Location: Glenwood Landing, NY
NA	6.0	15.8	1.92	-	0.0	NM	NM	NM	Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~15.0	1055	1135	165.61	1.75	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1055	165.61	1.92	11.03	11.28	0.344	0.00	-180	62.4	SP	Clear, NO, NS
1100	165.61	2.18	11.03	11.52	0.346	0.00	-184	44.3	SP	Clear, NO, NS
1105	165.61	2.31	11.05	11.54	0.346	0.00	-192	43.2	SP	Clear, NO, NS
1110	165.61	2.38	11.06	11.56	0.347	0.00	-206	41.2	SP	Clear, NO, NS
1115	165.61	2.44	11.05	11.57	0.348	0.00	-215	41.6	SP	Clear, NO, NS
1120	165.61	2.49	11.18	11.57	0.347	0.00	-225	40.9	SP	Clear, NO, NS
1125	165.61	2.54	11.00	11.62	0.347	0.00	-233	28.4	SP	Clear, NO, NS
1130	165.61	2.61	11.01	11.63	0.347	0.00	-236	27.8	SP	Clear, NO, NS
1135	165.61	2.67	11.04	11.66	0.348	0.00	-240	26.5	SP	Clear, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1135
SR-GX6-WG-20200415	1140	3 x 40ml VOA Vials	Sample Finish Time: 1140
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

TRC

Purging and Sampling Log

WELL NUMBER	WELL INFORMATION								Date: 04-15-20
GX-7	Well Diameter (inches)	Total (1) Depth (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Methane	Oxygen (%)	CO (ppm)	Personnel: JM/SP
PERMIT NUMBER									Site Name: NYSDEC Shore Realty Corp
NA	6.0	12.5	0.00	-	0.0	NM	NM	NM	Site Location: Glenwood Landing, NY
									Job Number: 386138.0000.0000 Phase 4

(1) Use a previously determined total depth. Confirm the total depth of well after sampling.
TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/m)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Peristaltic	Teflon-lined	~12.0	0950	1025	270.39	2.5	Rental Equipment: Pump: 033242 PID: 043720 HORIBA (HS/sensor): 39418/21202		

(2) Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										
	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%(3)		
Time	Flow Rate (ml/m)	Depth to Water (ft)	Temp (ºC)	pH (su)	Cond (mS/cm)	D.O. (ppm)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0950	270.39	0.00	11.71	8.58	0.223	0.22	-96	0.0	SP	Light tan, NO, NS
0955	270.39	0.00	11.74	8.60	0.223	0.18	-94	4.9	SP	Light tan, NO, NS
1000	270.39	0.00	11.82	8.57	0.226	1.43	-79	3.6	SP	Light tan, NO, NS
1005	270.39	0.00	11.87	8.59	0.226	1.21	-73	2.4	SP	Light tan, NO, NS
1010	270.39	0.00	11.83	8.59	0.227	1.20	-72	0.0	SP	Light tan, NO, NS
1015	270.39	0.00	11.77	8.58	0.228	1.11	-73	0.1	SP	Light tan, NO, NS
1020	270.39	0.00	11.71	8.58	0.228	1.02	-75	0.0	SP	Light tan, NO, NS
1025	270.39	0.00	11.68	8.58	0.229	0.97	-75	0.0	SP	Light tan, NO, NS

Sample Name:	Sample Time:	Number of Bottles:	Sample Start Time: 1025
SR-GX7-WG-20200415	1030	3 x 40ml VOA Vials	Sample Finish Time: 1030
Analytical Parameters: TCL VOCs, USEPA Method 8260			

NM - Not Measured NO - No Odor NS - No Sheen

(3) For values greater than 1.
Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 mins are within criteria above.
"x" - pH sensor malfunction

ATTACHMENT B

DATA USABILITY SUMMARY REPORT

Data Usability Summary Report

Site: Shore Realty Corp.
Laboratory: Eurofins TestAmerica, Edison, NJ
SDG No.s: 460-199824-1 and 460-199909-1
Parameter: Volatile Organic Compounds (VOCs)
Data Reviewer: Kristen Morin/TRC
Peer Reviewer: Liz Denly/TRC
Date: January 13, 2020

Samples Reviewed and Evaluation Summary

13 Groundwater Samples : SR-A23-WG-20191230, SR-GX-0-WG-20191230, SR-GX-1-WG-20191227, SR-GX-2-WG-20191227, SR-GX-3-WG-20191226, SR-GX-4-WG-20191226, SR-GX-5-WG-20191227, SR-GX-6-WG-20191227, SR-GX-7-WG-20191230, SR-WP5A-WG-20191230, SR-SW-4-WG-20191226, SR-SW-5-WG-20191226, SR-SW-6-WG-20191226

The above-listed groundwater samples were collected on December 26, 27, and 30, 2019 and were analyzed for VOCs by SW-846 Method 8260C. The data validation was performed in accordance with the following data validation guidelines modified for the SW-846 methodology utilized.

- EPA Region 2 Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SOP HW-24, Revision 4, September 2014
- EPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA-540-R-2017-002), January 2017

The data were evaluated based on the following parameters:

	• Overall Evaluation of Data and Potential Usability Issues
	• Data Completeness
*	• Holding Times and Sample Preservation
*	• Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
	• Initial and Continuing Calibrations
*	• Blanks
*	• Surrogate Recoveries
	• Laboratory Control Sample (LCS)/LCS Duplicate (LCSD) Results
NA	• Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
*	• Internal Standards
NA	• Field Duplicate Results
	• Sample Results and Reported Quantitation Limits (QLs)
*	• Target Compound Identification
*	• Tentatively Identified Compounds (TICs)

* - All criteria were met.
NA - Field duplicates and MS/MSDs were not submitted with this sample set.

Overall Evaluation of Data and Potential Usability Issues

All results are usable for project objectives. Qualifications applied to the data due to sampling error were not required. Qualifications applied to the data because of analytical error are discussed below.

- Potential uncertainty exists for select VOC results that were detected between the method detection limit (MDL) and QL. These results were qualified as estimated (J) in the associated samples. These results can be used for project objectives as estimated values, which may have a minor impact on the data usability.

- The nondetect results for select VOCs in all samples were qualified as estimated (UJ) due to continuing calibration nonconformances. These results can be used for project objectives as nondetects with estimated QLs, which may have a minor impact on the data usability.

- The positive result for isopropylbenzene in sample SR-GX-2-WG-20191227 was qualified as estimated (J+) with a potential high bias due to high recovery in the LCS. This result can be used for project objectives as an estimated value, which may have a minor impact on the data usability.

Data Completeness

The data packages were complete Level IV data deliverable packages with the following exceptions.

- The pH measurements for all samples were missing.
- Discrepancies were noted with the Login Sample Receipt Checklist in SDG 460-199824-1.

The laboratory was contacted during validation and provided the pH measurements via e-mail and a revised report to correct the checklist in SDG 460-199824-1.

Holding Times and Sample Preservation

Holding time and sample preservation criteria were met for the VOC analyses.

GC/MS Tunes

All criteria were met in the VOC analyses.

Initial and Continuing Calibrations

The percent relative standard deviations, coefficients of determination, and relative response factors (RRFs) were within the acceptance criteria in the initial calibrations associated with the samples in this data set. The RRFs were within the method acceptance criteria in the continuing calibration (CC) standards.

The following table summarizes the percent differences or percent drifts (%Ds) that did not meet the method acceptance criteria in the CC standards, the associated samples, and the validation actions.

CC	Compound	%D	Validation Actions
460-665750/2 12/29/2019 @ 18:48	Dichlorodifluoromethane	-34.9	The nondetect results for dichlorodifluoromethane, chloromethane, and 1,4-dioxane in the associated samples were qualified as estimated (UJ).
	Chloromethane	-21.1	
	1,4-Dioxane	85.1	
Associated samples:	SR-GX-1-WG-20191227, SR-GX-2-WG-20191227, SR-GX-3-WG-20191226, SR-GX-4-WG-20191226, SR-GX-5-WG-20191227, SR-GX-6-WG-20191227, SR-SW-4-WG-20191226, SR-SW-5-WG-20191226		
460-665924/3 12/30/2019 @ 19:19	Bromomethane	-29.7	The nondetect results for bromomethane and 1,4-dioxane in the associated sample were qualified as estimated (UJ).
	1,4-Dioxane	40.1	
Associated sample:	SR-SW-6-WG-20191226		
460-666120/3 12/31/2019 @ 17:58	Bromoform	-29.9	The nondetect results for bromoform in the associated samples were qualified as estimated (UJ).
Associated samples:	SR-A23-WG-20191230, SR-GX-0-WG-20191230, SR-GX-7-WG-20191230, SR-WP5A-WG-20191230		

Blanks

There were no target compounds detected in the method blanks associated with this sample set.

Surrogate Recoveries

The surrogate percent recoveries (%Rs) were withn the laboratory's acceptance limits.

LCS/LCSD Results

The following table summarizes the LCS/LCSD %Rs that did not meet the laboratory's acceptance criteria, the associated samples, and the validation actions. The relative percent differences (RPDs) were within the laboratory's acceptance criteria for all LCS/LCSD analyses.

LCS/LCSD ID	Compound	LCS %R	LCSD %R	QC Limits	Validation Actions
460-665750/3/ 460-665750/4	1,4-Dioxane	182	175	10-150	The positive result for isopropylbenzene in sample SR-GX-2-WG-20191227 was qualified as estimated (J+) with a potential high bias. Qualification was not required in the remaining associated samples since these VOCs were not detected.
	Isopropylbenzene	124	-	80-123	
	Styrene	122	-	80-120	
Associated samples:	SR-GX-1-WG-20191227, SR-GX-2-WG-20191227, SR-GX-3-WG-20191226, SR-GX-4-WG-20191226, SR-GX-5-WG-20191227, SR-GX-6-WG-20191227, SR-SW-4-WG-20191226, SR-SW-5-WG-20191226				
460-665924/4/ 460-665924/5	1,4-Dioxane	173	160	10-150	Qualification was not required since 1,4-dioxane was not detected in the associated sample.
Associated sample:	SR-SW-6-WG-20191226				
-Criteria met					

MS/MSD Results

MS/MSD analyses were not performed on any samples in this data set.

Internal Standards

All criteria were met in the VOC analyses.

Field Duplicate Results

There were no field duplicate pairs submitted with this sample set.

Sample Results and Reported Quantitation Limits

Select VOC results were reported between the MDL and QL. These results were qualified as estimated (J) in the associated samples by the laboratory.

Sample calculations were spot-checked; there were no errors noted. There were no dilutions performed on the samples in this data set.

The laboratory reported nondetect results at the MDL rather than the QL. The Form 1s were updated during validation to report all nondetect results at the QL.

Target Compound Identification

All criteria were met for the VOC analyses.

Tentatively Identified Compounds

There were no issues noted regarding VOC TIC identifications. There were no TICs in the VOC method blanks.

QUALIFIED FORM 1s

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-5-WG-20191227 Lab Sample ID: 460-199824-1

Matrix: Water Lab File ID: S029538.D

Analysis Method: 8260C Date Collected: 12/27/2019 10:35

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 03:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0 0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	50 ~~28~~	U J ✓	50	28
78-93-3	2-Butanone (MEK)	5.0 ~~1.9~~	U	5.0	1.9
591-78-6	2-Hexanone	~~1.1~~	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	~~1.3~~	U	5.0	1.3
67-64-1	Acetone	~~4.4~~	U	5.0	4.4
71-43-2	Benzene	1.0 0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U J ✓	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U J ✓	1.0	0.31

FORM I 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-5-WG-20191227 Lab Sample ID: 460-199824-1

Matrix: Water Lab File ID: S029538.D

Analysis Method: 8260C Date Collected: 12/27/2019 10:35

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 03:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	[illegible]	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
1868-53-7	Dibromofluoromethane (Surr)	98		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-5-WG-20191227 Lab Sample ID: 460-199824-1

Matrix: Water Lab File ID: S029538.D

Analysis Method: 8260C Date Collected: 12/27/2019 10:35

Sample wt/vol: 5 (mL) Date Analyzed: 12/30/2019 03:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-SW-5-WG-20191226 Lab Sample ID: 460-199824-2

Matrix: Water Lab File ID: S029539.D

Analysis Method: 8260C Date Collected: 12/26/2019 10:50

Sample wt/vol: 5 (mL) Date Analyzed: 12/30/2019 03:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U J ✓	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U J ✓	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U J ✓	1.0	0.31

1.0 ↓ 50 ↓ 5.0 ↓ 1.0 ↓

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-SW-5-WG-20191226 Lab Sample ID: 460-199824-2

Matrix: Water Lab File ID: S029539.D

Analysis Method: 8260C Date Collected: 12/26/2019 10:50

Sample wt/vol: 5 (mL) Date Analyzed: 12/30/2019 03:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-SW-5-WG-20191226 Lab Sample ID: 460-199824-2

Matrix: Water Lab File ID: S029539.D

Analysis Method: 8260C Date Collected: 12/26/2019 10:50

Sample wt/vol: 5 (mL) Date Analyzed: 12/30/2019 03:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-SW-4-WG-20191226 Lab Sample ID: 460-199824-3

Matrix: Water Lab File ID: S029540.D

Analysis Method: 8260C Date Collected: 12/26/2019 11:40

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 03:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

1.0 ↓ 50 ↓ 5.0 ↓ 1.0 ↓

J ✓ J ✓ J ✓

FORM I

GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-SW-4-WG-20191226 Lab Sample ID: 460-199824-3

Matrix: Water Lab File ID: S029540.D

Analysis Method: 8260C Date Collected: 12/26/2019 11:40

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 03:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.60	U	1.0	0.60
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	98		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-SW-4-WG-20191226 Lab Sample ID: 460-199824-3

Matrix: Water Lab File ID: S029540.D

Analysis Method: 8260C Date Collected: 12/26/2019 11:40

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 03:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-3-WG-20191226 Lab Sample ID: 460-199824-4

Matrix: Water Lab File ID: S029541.D

Analysis Method: 8260C Date Collected: 12/26/2019 13:55

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 04:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U J ✓	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U J ✓	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.49	J	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U J ✓	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-3-WG-20191226 Lab Sample ID: 460-199824-4

Matrix: Water Lab File ID: S029541.D

Analysis Method: 8260C Date Collected: 12/26/2019 13:55

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 04:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.60	U	1.0	0.60
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

1.0
5.0
1.0
1.0 U
0.225

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	93		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-3-WG-20191226 Lab Sample ID: 460-199824-4

Matrix: Water Lab File ID: S029541.D

Analysis Method: 8260C Date Collected: 12/26/2019 13:55

Sample wt/vol: 5 (mL) Date Analyzed: 12/30/2019 04:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-2-WG-20191227 Lab Sample ID: 460-199824-5

Matrix: Water Lab File ID: S029542.D

Analysis Method: 8260C Date Collected: 12/27/2019 11:15

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 04:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U J ✓	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	1.6		1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U J ✓	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	1.3		1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U J ✓	1.0	0.31

FORM I 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-2-WG-20191227 Lab Sample ID: 460-199824-5

Matrix: Water Lab File ID: S029542.D

Analysis Method: 8260C Date Collected: 12/27/2019 11:15

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 04:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	41		1.0	0.30
106-93-4	Ethylene Dibromide	1.0 ~~0.50~~	U	1.0	0.50
98-82-8	Isopropylbenzene	8.1	J+ ✓	1.0	0.34
79-20-9	Methyl acetate	5.0 ~~0.79~~	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0 ~~0.47~~	U	1.0	0.47
108-87-2	Methylcyclohexane	1.3		1.0	0.26
75-09-2	Methylene Chloride	1.0 ~~0.32~~	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	84		1.0	0.30
95-47-6	o-Xylene	20		1.0	0.36
100-42-5	Styrene	1.0 ~~0.42~~	U ✓	1.0	0.42
127-18-4	Tetrachloroethene	1.0 ~~0.25~~	U	1.0	0.25
108-88-3	Toluene	160		1.0	0.39
156-60-5	trans-1,2-Dichloroethene	1.0 ~~0.24~~	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
1868-53-7	Dibromofluoromethane (Surr)	97		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-2-WG-20191227 Lab Sample ID: 460-199824-5

Matrix: Water Lab File ID: S029542.D

Analysis Method: 8260C Date Collected: 12/27/2019 11:15

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 04:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

Number TICs Found: 1 TIC Result Total: 5

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
300-57-2	Benzene, 2-propenyl-	11.12	5.0	J N	95%

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-SW-6-WG-20191226 Lab Sample ID: 460-199824-6

Matrix: Water Lab File ID: S029591.D

Analysis Method: 8260C Date Collected: 12/26/2019 09:40

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 22:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665924 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

1.0 50 50 1.0 J ✓ J ✓

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-SW-6-WG-20191226 Lab Sample ID: 460-199824-6

Matrix: Water Lab File ID: S029591.D

Analysis Method: 8260C Date Collected: 12/26/2019 09:40

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 22:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665924 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.60	U	1.0	0.60
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

1.0
5.0
1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-SW-6-WG-20191226 Lab Sample ID: 460-199824-6

Matrix: Water Lab File ID: S029591.D

Analysis Method: 8260C Date Collected: 12/26/2019 09:40

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 22:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665924 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-4-WG-20191226 Lab Sample ID: 460-199824-7

Matrix: Water Lab File ID: S029545.D

Analysis Method: 8260C Date Collected: 12/26/2019 12:30

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 05:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U J ✓	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U J ✓	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U J ✓	1.0	0.31

1.0 → 50 → 5.0 → 1.0

FORM I 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-4-WG-20191226 Lab Sample ID: 460-199824-7

Matrix: Water Lab File ID: S029545.D

Analysis Method: 8260C Date Collected: 12/26/2019 12:30

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 05:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

1.0
5.0
1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	98		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-4-WG-20191226 Lab Sample ID: 460-199824-7

Matrix: Water Lab File ID: S029545.D

Analysis Method: 8260C Date Collected: 12/26/2019 12:30

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 05:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-6-WG-20191227 Lab Sample ID: 460-199824-8

Matrix: Water Lab File ID: S029544.D

Analysis Method: 8260C Date Collected: 12/27/2019 12:15

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 05:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U J	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U J	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-6-WG-20191227 Lab Sample ID: 460-199824-8

Matrix: Water Lab File ID: S029544.D

Analysis Method: 8260C Date Collected: 12/27/2019 12:15

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 05:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	103		77-124
1868-53-7	Dibromofluoromethane (Surr)	97		72-131
2037-26-5	Toluene-d8 (Surr)	106		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-6-WG-20191227 Lab Sample ID: 460-199824-8

Matrix: Water Lab File ID: S029544.D

Analysis Method: 8260C Date Collected: 12/27/2019 12:15

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 05:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-1-WG-20191227 Lab Sample ID: 460-199824-9

Matrix: Water Lab File ID: S029546.D

Analysis Method: 8260C Date Collected: 12/27/2019 13:05

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 05:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-1-WG-20191227 Lab Sample ID: 460-199824-9

Matrix: Water Lab File ID: S029546.D

Analysis Method: 8260C Date Collected: 12/27/2019 13:05

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 05:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	98		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Client Sample ID: SR-GX-1-WG-20191227 Lab Sample ID: 460-199824-9

Matrix: Water Lab File ID: S029546.D

Analysis Method: 8260C Date Collected: 12/27/2019 13:05

Sample wt/vol: 5(mL) Date Analyzed: 12/30/2019 05:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 665750 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-GX-7-WG-20191230 Lab Sample ID: 460-199909-1

Matrix: Water Lab File ID: TT11618.D

Analysis Method: 8260C Date Collected: 12/30/2019 08:15

Sample wt/vol: 5(mL) Date Analyzed: 12/31/2019 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U J ✓	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

1.0 ↓ 50 ↓ 5.0 ↓ 1.0 ↓

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-GX-7-WG-20191230 Lab Sample ID: 460-199909-1

Matrix: Water Lab File ID: TT11618.D

Analysis Method: 8260C Date Collected: 12/30/2019 08:15

Sample wt/vol: 5(mL) Date Analyzed: 12/31/2019 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0		1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.36	J	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		74-132
460-00-4	4-Bromofluorobenzene	107		77-124
1868-53-7	Dibromofluoromethane (Surr)	117		72-131
2037-26-5	Toluene-d8 (Surr)	106		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-GX-7-WG-20191230 Lab Sample ID: 460-199909-1

Matrix: Water Lab File ID: TT11618.D

Analysis Method: 8260C Date Collected: 12/30/2019 08:15

Sample wt/vol: 5(mL) Date Analyzed: 12/31/2019 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-GX-0-WG-20191230 Lab Sample ID: 460-199909-2

Matrix: Water Lab File ID: TT11619.D

Analysis Method: 8260C Date Collected: 12/30/2019 11:15

Sample wt/vol: 5(mL) Date Analyzed: 12/31/2019 21:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.74	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U J	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-GX-0-WG-20191230 Lab Sample ID: 460-199909-2

Matrix: Water Lab File ID: TT11619.D

Analysis Method: 8260C Date Collected: 12/30/2019 11:15

Sample wt/vol: 5 (mL) Date Analyzed: 12/31/2019 21:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0 ~~0.30~~	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0 ~~0.50~~	U	1.0	0.50
98-82-8	Isopropylbenzene	5.3		1.0	0.34
79-20-9	Methyl acetate	5.0 ~~0.79~~	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0 ~~0.47~~	U	1.0	0.47
108-87-2	Methylcyclohexane	2.9		1.0	0.26
75-09-2	Methylene Chloride	1.0 ~~0.32~~	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		74-132
460-00-4	4-Bromofluorobenzene	107		77-124
1868-53-7	Dibromofluoromethane (Surr)	115		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-GX-0-WG-20191230 Lab Sample ID: 460-199909-2

Matrix: Water Lab File ID: TT11619.D

Analysis Method: 8260C Date Collected: 12/30/2019 11:15

Sample wt/vol: 5(mL) Date Analyzed: 12/31/2019 21:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

Number TICs Found: 11 TIC Result Total: 82.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown Cycloalkane	5.73	5.3	J	
	Unknown Cycloalkane	6.08	5.1	J	
2207-04-7	Cyclohexane, 1,4-dimethyl-, trans-	6.35	12	J N	93%
590-66-9	Cyclohexane, 1,1-dimethyl-	6.54	6.2	J N	95%
6876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	6.76	17	J N	95%
2207-03-6	Cyclohexane, 1,3-dimethyl-, trans-	6.89	8.7	J N	91%
	Unknown	11.13	6.0	J	
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.54	5.1	J N	94%
767-58-8	Indan, 1-methyl-	11.63	5.5	J N	91%
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.88	5.2	J N	93%
874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	12.26	6.5	J N	92%

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-A23-WG-20191230 Lab Sample ID: 460-199909-3

Matrix: Water Lab File ID: TT11620.D

Analysis Method: 8260C Date Collected: 12/30/2019 12:20

Sample wt/vol: 5(mL) Date Analyzed: 12/31/2019 22:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	0.54	UJ	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-A23-WG-20191230 Lab Sample ID: 460-199909-3

Matrix: Water Lab File ID: TT11620.D

Analysis Method: 8260C Date Collected: 12/30/2019 12:20

Sample wt/vol: 5 (mL) Date Analyzed: 12/31/2019 22:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

1.0
5.0
1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		74-132
460-00-4	4-Bromofluorobenzene	108		77-124
1868-53-7	Dibromofluoromethane (Surr)	116		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-A23-WG-20191230 Lab Sample ID: 460-199909-3

Matrix: Water Lab File ID: TT11620.D

Analysis Method: 8260C Date Collected: 12/30/2019 12:20

Sample wt/vol: 5 (mL) Date Analyzed: 12/31/2019 22:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I

GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-WP5A-WG-20191230 Lab Sample ID: 460-199909-4

Matrix: Water Lab File ID: TT11621.D

Analysis Method: 8260C Date Collected: 12/30/2019 10:20

Sample wt/vol: 5(mL) Date Analyzed: 12/31/2019 22:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U J ✓	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

1.0 ↓ 50 ↓ 5.0 ↓ 1.0 ↓

FORM I 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-WP5A-WG-20191230 Lab Sample ID: 460-199909-4

Matrix: Water Lab File ID: TT11621.D

Analysis Method: 8260C Date Collected: 12/30/2019 10:20

Sample wt/vol: 5(mL) Date Analyzed: 12/31/2019 22:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	440		1.0	0.30
106-93-4	Ethylene Dibromide	1.0 ~~0.93~~	U	1.0	0.50
98-82-8	Isopropylbenzene	29		1.0	0.34
79-20-9	Methyl acetate	5.0 ~~3.9~~	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0 ~~0.47~~	U	1.0	0.47
108-87-2	Methylcyclohexane	40		1.0	0.26
75-09-2	Methylene Chloride	1.0 ~~0.32~~	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	440		1.0	0.30
95-47-6	o-Xylene	3.6		1.0	0.36
100-42-5	Styrene	1.0 ~~0.42~~	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0 ~~0.25~~	U	1.0	0.25
108-88-3	Toluene	0.38	J	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0 ~~0.24~~	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		74-132
460-00-4	4-Bromofluorobenzene	100		77-124
1868-53-7	Dibromofluoromethane (Surr)	114		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Client Sample ID: SR-WP5A-WG-20191230 Lab Sample ID: 460-199909-4

Matrix: Water Lab File ID: TT11621.D

Analysis Method: 8260C Date Collected: 12/30/2019 10:20

Sample wt/vol: 5(mL) Date Analyzed: 12/31/2019 22:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 666120 Units: ug/L

Number TICs Found: 15 TIC Result Total: 699

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown Cycloalkane	6.35	95	J	
6876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	6.76	43	J N	95%
2207-04-7	Cyclohexane, 1,4-dimethyl-, trans-	6.89	27	J N	97%
95-63-6	Benzene, 1,2,4-trimethyl-	10.54	24	J N	95%
	Unknown	11.13	54	J	
135-01-3	Benzene, 1,2-diethyl-	11.20	28	J N	97%
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.45	21	J N	97%
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.54	97	J N	97%
7525-62-4	Benzene, 1-ethenyl-3-ethyl-	11.63	44	J N	91%
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.88	58	J N	97%
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.92	30	J N	96%
874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	12.13	18	J N	93%
	Unknown	12.26	110	J	
	Unknown	12.55	23	J	
17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	12.63	27	J N	94%

QC NONCONFORMANCE DOCUMENTATION

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Lab Sample ID: CCVIS 460-665750/2 Calibration Date: 12/29/2019 18:48

Instrument ID: CVOAMS14 Calib Start Date: 12/15/2019 07:23

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/15/2019 11:49

Lab File ID: S029516.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0278	0.0386		6.22	20.0	-68.9*	20.0
Chlorotrifluoroethene	Ave	0.0900	0.0554		12.3	20.0	-38.4*	20.0
1,1-Difluoroethane	Ave	0.2018	0.1600		15.9	20.0	-20.7*	20.0
Dichlorodifluoromethane	Ave	0.3319	0.2161	0.1000	13.0	20.0	-34.9*	20.0
Chlorodifluoromethane	Ave	0.2484	0.2245		18.1	20.0	-9.6	20.0
Chloromethane	Ave	0.2857	0.2254	0.1000	15.8	20.0	-21.1*	20.0
Vinyl chloride	Ave	0.3984	0.3601	0.1000	18.1	20.0	-9.6	20.0
Butadiene	Ave	0.3471	0.3000		17.3	20.0	-13.6	20.0
Bromomethane	Ave	2.438	2.088	0.1000	17.1	20.0	-14.3	50.0
Chloroethane	Ave	3.402	3.324	0.1000	19.5	20.0	-2.3	50.0
Dichlorofluoromethane	Ave	0.4946	0.4982		20.6	20.0	2.8	20.0
Trichlorofluoromethane	Ave	0.4359	0.4266	0.1000	19.6	20.0	-2.1	20.0
Pentane	QuaF		0.0415		42.2	40.0	5.5	20.0
Ethanol	QuaF		0.4691		1740	800	117.4*	50.0
Ethyl ether	Ave	0.1864	0.1887		20.2	20.0	1.2	20.0
2-Methyl-1,3-butadiene	Ave	0.2127	0.2184		20.5	20.0	2.7	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2341	0.2343		20.0	20.0	0.1	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3809	0.3808		20.0	20.0	-0.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2669	0.2629	0.1000	19.7	20.0	-1.5	20.0
Acrolein	Ave	13.11	14.23		43.4	40.0	8.6	50.0
1,1-Dichloroethene	Ave	0.2578	0.2523	0.1000	19.6	20.0	-2.1	20.0
Acetone	Lin2		0.5752	0.0500	89.6	100	-10.4	50.0
Iodomethane	QuaF		0.2010		14.4	20.0	-27.8*	20.0
Carbon disulfide	Ave	0.7850	0.7935	0.1000	20.2	20.0	1.1	50.0
Isopropyl alcohol	QuaF		3.118		325	200	62.7*	50.0
Allyl chloride	Ave	0.1603	0.1661		20.7	20.0	3.6	20.0
Cyclopentene	Ave	0.6032	0.6222		20.6	20.0	3.2	20.0
Methyl acetate	Ave	0.1304	0.1329	0.1000	40.8	40.0	2.0	20.0
Acetonitrile	Ave	0.1134	0.1225		216	200	8.0	20.0
Methylene Chloride	Ave	0.2920	0.2869	0.1000	19.7	20.0	-1.7	20.0
2-Methyl-2-propanol	Ave	5.396	6.170		229	200	14.4	50.0
Methyl tert-butyl ether	Ave	0.6464	0.6453	0.1000	20.0	20.0	-0.2	20.0
trans-1,2-Dichloroethene	Ave	0.2955	0.2888	0.1000	19.5	20.0	-2.3	20.0
Acrylonitrile	Ave	0.0663	0.0666		201	200	0.4	20.0
Hexane	Ave	0.2958	0.3080		20.8	20.0	4.1	20.0
Isopropyl ether	Ave	0.7534	0.7937		21.1	20.0	5.4	20.0
1,1-Dichloroethane	Ave	0.4875	0.5074	0.2000	20.8	20.0	4.1	20.0
Vinyl acetate	Ave	0.6385	0.6293		39.4	40.0	-1.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2552	0.2627		20.6	20.0	2.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Lab Sample ID: CCVIS 460-665750/2 Calibration Date: 12/29/2019 18:48

Instrument ID: CVOAMS14 Calib Start Date: 12/15/2019 07:23

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/15/2019 11:49

Lab File ID: S029516.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.7246	0.7328		20.2	20.0	1.1	20.0
2,2-Dichloropropane	Ave	0.1037	0.1004		19.4	20.0	-3.2	20.0
cis-1,2-Dichloroethene	Ave	0.3120	0.3201	0.1000	20.5	20.0	2.6	20.0
2-Butanone (MEK)	Ave	1.958	1.887	0.0500	96.4	100	-3.6	50.0
Ethyl acetate	Ave	0.3082	0.2659		34.5	40.0	-13.7	20.0
Methyl acrylate	Ave	0.1798	0.1574		17.5	20.0	-12.5	20.0
Propionitrile	Ave	10.87	11.57		213	200	6.4	20.0
Chlorobromomethane	Ave	0.1505	0.1416		18.8	20.0	-5.9	20.0
Tetrahydrofuran	QuaF		0.3072		39.1	40.0	-2.2	20.0
Methacrylonitrile	Ave	0.2879	0.2857		195	200	-2.5	20.0
Chloroform	Ave	0.5099	0.5030	0.2000	19.7	20.0	-1.4	20.0
Cyclohexane	Ave	0.3915	0.3828	0.1000	19.6	20.0	-2.2	50.0
1,1,1-Trichloroethane	Ave	0.4470	0.4431	0.1000	19.8	20.0	-0.9	20.0
Carbon tetrachloride	Ave	0.4046	0.3825	0.1000	18.9	20.0	-5.4	20.0
1,1-Dichloropropene	Ave	0.4016	0.4075		20.3	20.0	1.5	20.0
Isobutyl alcohol	Ave	4.217	4.910		682	500	16.4	50.0
2,2,4-Trimethylpentane	Ave	0.4932	0.5423		22.0	20.0	9.9	20.0
Benzene	Ave	1.370	1.414	0.5000	20.6	20.0	3.2	20.0
Isopropyl acetate	Ave	0.1215	0.1128		18.6	20.0	-7.2	20.0
Tert-amyl methyl ether	Ave	0.6920	0.6797		19.6	20.0	-1.8	20.0
1,2-Dichloroethane	Ave	0.3486	0.3379	0.1000	19.4	20.0	-3.1	20.0
n-Heptane	Ave	0.2219	0.2263		20.4	20.0	2.0	20.0
n-Butanol	Ave	1.016	1.400		689	500	37.8	50.0
Trichloroethene	Ave	0.3279	0.2997	0.2000	18.3	20.0	-8.6	20.0
Methylcyclohexane	Ave	0.3711	0.3549	0.1000	19.1	20.0	-4.4	50.0
Ethyl acrylate	Ave	0.5163	0.5019		19.4	20.0	-2.8	20.0
1,2-Dichloropropane	Ave	0.2732	0.2762	0.1000	20.2	20.0	1.1	20.0
Methyl methacrylate	Ave	0.0566	0.0554		39.1	40.0	-2.1	20.0
1,4-Dioxane	Ave	0.6702	1.241		740	400	85.1*	50.0
Dibromomethane	Ave	0.1657	0.1636		19.7	20.0	-1.3	20.0
n-Propyl acetate	Ave	0.2613	0.2563		19.6	20.0	-1.9	20.0
Dichlorobromomethane	Ave	0.3665	0.3571	0.2000	19.5	20.0	-2.6	20.0
2-Nitropropane	Ave	0.0471	0.0369		31.3	40.0	-21.7*	20.0
2-Chloroethyl vinyl ether	Ave	0.0472	0.1041		44.2	20.0	120.4*	20.0
Epichlorohydrin	Ave	0.1961	0.1824		372	400	-7.0	20.0
cis-1,3-Dichloropropene	Ave	0.5248	0.4852	0.2000	18.5	20.0	-7.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.180	2.045	0.0500	93.8	100	-6.2	50.0
Toluene	Ave	1.485	1.469	0.4000	19.8	20.0	-1.1	20.0
trans-1,3-Dichloropropene	Ave	0.4684	0.4474	0.1000	19.1	20.0	-4.5	50.0
Ethyl methacrylate	Ave	0.3322	0.3193		19.2	20.0	-3.9	20.0
1,1,2-Trichloroethane	Ave	0.2486	0.2433	0.1000	19.6	20.0	-2.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Lab Sample ID: CCVIS 460-665924/3 Calibration Date: 12/30/2019 19:19

Instrument ID: CVOAMS14 Calib Start Date: 12/15/2019 07:23

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 12/15/2019 11:49

Lab File ID: S029582.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0278	0.0247		17.8	20.0	-11.1	20.0
Chlorotrifluoroethene	Ave	0.0900	0.0687		15.3	20.0	-23.6*	20.0
1,1-Difluoroethane	Ave	0.2018	0.1899		18.8	20.0	-5.9	20.0
Dichlorodifluoromethane	Ave	0.3319	0.3424	0.1000	20.6	20.0	3.2	20.0
Chlorodifluoromethane	Ave	0.2484	0.2494		20.1	20.0	0.4	20.0
Chloromethane	Ave	0.2857	0.2630	0.1000	18.4	20.0	-7.9	20.0
Vinyl chloride	Ave	0.3984	0.4152	0.1000	20.8	20.0	4.2	20.0
Butadiene	Ave	0.3471	0.3715		21.4	20.0	7.0	20.0
Bromomethane	Ave	2.438	1.713	0.1000	14.1	20.0	-29.7	50.0
Chloroethane	Ave	3.402	3.839	0.1000	22.6	20.0	12.8	50.0
Dichlorofluoromethane	Ave	0.4846	0.5012		20.7	20.0	3.4	20.0
Trichlorofluoromethane	Ave	0.4359	0.4692	0.1000	21.5	20.0	7.6	20.0
Pentane	QuaF		0.0426		43.4	40.0	8.5	20.0
Ethanol	QuaF		0.4762		1760	800	120.6*	50.0
Ethyl ether	Ave	0.1864	0.1894		20.3	20.0	1.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2127	0.2221		20.9	20.0	4.4	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2341	0.2559		21.9	20.0	9.3	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3809	0.4181		22.0	20.0	9.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2669	0.2787	0.1000	20.9	20.0	4.4	20.0
Acrolein	Ave	13.11	13.93		42.5	40.0	6.2	50.0
1,1-Dichloroethene	Ave	0.2578	0.2674	0.1000	20.7	20.0	3.7	20.0
Acetone	Lin2		0.5883	0.0500	91.7	100	-8.3	50.0
Iodomethane	QuaF		0.1984		14.2	20.0	-28.8*	20.0
Carbon disulfide	Ave	0.7850	0.8066	0.1000	20.6	20.0	2.8	50.0
Isopropyl alcohol	QuaF		3.297		344	200	71.9*	50.0
Allyl chloride	Ave	0.1603	0.1681		21.0	20.0	4.9	20.0
Cyclopentene	Ave	0.6032	0.6382		21.2	20.0	5.8	20.0
Methyl acetate	Ave	0.1304	0.1329	0.1000	40.8	40.0	1.9	20.0
Acetonitrile	Ave	0.1134	0.1145		202	200	0.9	20.0
Methylene Chloride	Ave	0.2920	0.2904	0.1000	19.9	20.0	-0.5	20.0
2-Methyl-2-propanol	Ave	5.396	6.011		223	200	11.4	50.0
Methyl tert-butyl ether	Ave	0.6464	0.6695	0.1000	20.7	20.0	3.6	20.0
trans-1,2-Dichloroethene	Ave	0.2955	0.3045	0.1000	20.6	20.0	3.0	20.0
Acrylonitrile	Ave	0.0663	0.0678		204	200	2.2	20.0
Hexane	Ave	0.2958	0.3143		21.2	20.0	6.2	20.0
Isopropyl ether	Ave	0.7534	0.8162		21.7	20.0	8.3	20.0
1,1-Dichloroethane	Ave	0.4875	0.5287	0.2000	21.7	20.0	8.5	20.0
Vinyl acetate	Ave	0.6385	0.6558		41.1	40.0	2.7	20.0
2-Chloro-1,3-butadiene	Ave	0.2552	0.2697		21.1	20.0	5.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199824-1

SDG No.:

Lab Sample ID: CCVIS 460-665924/3 Calibration Date: 12/30/2019 19:19

Instrument ID: CVOAMS14 Calib Start Date: 12/15/2019 07:23

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 12/15/2019 11:49

Lab File ID: S029582.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.7246	0.7611		21.0	20.0	5.0	20.0
2,2-Dichloropropane	Ave	0.1037	0.1058		20.4	20.0	2.0	20.0
cis-1,2-Dichloroethene	Ave	0.3120	0.3350	0.1000	21.5	20.0	7.4	20.0
2-Butanone (MEK)	Ave	1.958	1.956	0.0500	99.9	100	-0.0	50.0
Ethyl acetate	Ave	0.3082	0.2969		38.6	40.0	-3.7	20.0
Methyl acrylate	Ave	0.1798	0.1851		20.6	20.0	3.0	20.0
Propionitrile	Ave	10.87	12.65		233	200	16.4	20.0
Chlorobromomethane	Ave	0.1505	0.1570		20.9	20.0	4.3	20.0
Tetrahydrofuran	QuaF		0.3063		39.0	40.0	-2.5	20.0
Methacrylonitrile	Ave	0.0879	0.0880		200	200	0.2	20.0
Chloroform	Ave	0.5039	0.5242	0.1000	20.6	20.0	2.8	20.0
Cyclohexane	Ave	0.3915	0.4085	0.1000	20.9	20.0	4.3	50.0
1,1,1-Trichloroethane	Ave	0.4470	0.4699	0.1000	21.0	20.0	5.1	20.0
Carbon tetrachloride	Ave	0.4046	0.4012	0.1000	19.8	20.0	-0.8	20.0
1,1-Dichloropropene	Ave	0.4016	0.4199		20.9	20.0	4.6	20.0
Isobutyl alcohol	Ave	4.217	4.898		581	500	16.1	50.0
2,2,4-Trimethylpentane	Ave	0.4932	0.5504		22.3	20.0	11.6	20.0
Benzene	Ave	1.370	1.469	0.5000	21.5	20.0	7.3	20.0
Tert-amyl methyl ether	Ave	0.6920	0.7145		20.6	20.0	3.2	20.0
Isopropyl acetate	Ave	0.1215	0.1177		19.4	20.0	-3.1	20.0
1,2-Dichloroethane	Ave	0.3486	0.3535	0.1000	20.3	20.0	1.4	20.0
n-Heptane	Ave	0.2219	0.2335		21.0	20.0	5.2	20.0
n-Butanol	Ave	1.016	1.325		652	500	30.5	50.0
Trichloroethene	Ave	0.3279	0.3171	0.2000	19.3	20.0	-3.3	20.0
Methylcyclohexane	Ave	0.3711	0.3938	0.1000	21.2	20.0	6.1	50.0
Ethyl acrylate	Ave	0.5163	0.5280		20.4	20.0	2.2	20.0
1,2-Dichloropropane	Ave	0.2732	0.2934	0.1000	21.5	20.0	7.4	20.0
Methyl methacrylate	Ave	0.0566	0.0589		41.6	40.0	4.1	20.0
1,4-Dioxane	Ave	0.6702	0.9391		560	400	40.1	50.0
Dibromomethane	Ave	0.1657	0.1759		21.2	20.0	6.1	20.0
n-Propyl acetate	Ave	0.2613	0.2629		20.1	20.0	0.6	20.0
Dichlorobromomethane	Ave	0.3665	0.3723	0.2000	20.3	20.0	1.6	20.0
2-Nitropropane	Ave	0.0471	0.0384		32.6	40.0	-18.5	20.0
2-Chloroethyl vinyl ether	Ave	0.0472	0.1051		44.6	20.0	123.5*	20.0
Epichlorohydrin	Ave	0.1961	0.2032		414	400	3.6	20.0
cis-1,3-Dichloropropene	Ave	0.5248	0.5381	0.2000	20.5	20.0	2.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.180	2.337	0.0500	107	100	7.2	50.0
Toluene	Ave	1.485	1.576	0.4000	21.2	20.0	6.1	20.0
trans-1,3-Dichloropropene	Ave	0.4684	0.4633	0.1000	19.8	20.0	-1.1	50.0
Ethyl methacrylate	Ave	0.3322	0.3378		20.3	20.0	1.7	20.0
1,1,2-Trichloroethane	Ave	0.2486	0.2552	0.1000	20.5	20.0	2.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-199909-1

SDG No.:

Lab Sample ID: CCVIS 460-666120/3 Calibration Date: 12/31/2019 17:58

Instrument ID: CVOAMS17 Calib Start Date: 12/21/2019 10:52

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/21/2019 13:18

Lab File ID: TT11608.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.3975	0.4213	0.2000	21.2	20.0	6.0	20.0
1,3-Dichloropropane	Ave	0.5609	0.5300		18.9	20.0	-5.5	20.0
2-Hexanone	Ave	1.618	1.561	0.0500	96.5	100	-3.5	50.0
n-Butyl acetate	Ave	0.4449	0.3586		16.1	20.0	-19.4	20.0
Chlorodibromomethane	Ave	0.3887	0.3350	0.1000	17.2	20.0	-13.8	50.0
Ethylene Dibromide	Ave	0.3481	0.3468	0.1000	19.9	20.0	-0.4	20.0
Chlorobenzene	Ave	1.068	1.112	0.5000	20.8	20.0	4.1	20.0
Ethylbenzene	Ave	0.5773	0.6035	0.1000	20.9	20.0	4.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4305	0.4097		19.0	20.0	-4.8	20.0
m-Xylene & p-Xylene	Ave	0.7202	0.7354	0.1000	20.4	20.0	2.1	20.0
o-Xylene	Ave	0.7602	0.7584	0.3000	20.0	20.0	-0.2	20.0
n-Butyl acrylate	Ave	0.3131	0.2698		17.2	20.0	-13.8	20.0
Styrene	Ave	1.143	1.168	0.3000	20.4	20.0	2.2	20.0
Bromoform	Ave	0.2529	0.1774	0.1000	14.0	20.0	-29.9*	20.0
Amyl acetate (mixed isomers)	Ave	1.141	0.9240		16.2	20.0	-19.0	20.0
Isopropylbenzene	Ave	1.916	1.989	0.1000	20.8	20.0	3.8	20.0
Bromobenzene	Ave	0.8806	0.8914		20.2	20.0	1.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8326	0.7868	0.3000	18.9	20.0	-5.5	20.0
N-Propylbenzene	Ave	4.004	4.204		21.0	20.0	5.0	20.0
1,2,3-Trichloropropane	Ave	0.2544	0.2588		20.3	20.0	1.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2117	0.1281		12.1	20.0	-39.5*	20.0
2-Chlorotoluene	Ave	2.865	2.995		20.9	20.0	4.5	20.0
4-Ethyltoluene	Ave	3.494	3.674		21.0	20.0	5.2	20.0
1,3,5-Trimethylbenzene	Ave	3.043	3.304		21.7	20.0	8.6	20.0
4-Chlorotoluene	Ave	2.799	2.915		20.8	20.0	4.1	20.0
Butyl Methacrylate	Ave	1.103	0.9496		17.2	20.0	-13.9	20.0
tert-Butylbenzene	Ave	2.473	2.632		21.3	20.0	6.4	20.0
1,2,4-Trimethylbenzene	Ave	3.191	3.366		21.1	20.0	5.5	20.0
sec-Butylbenzene	Ave	3.731	4.040		21.7	20.0	8.3	20.0
1,3-Dichlorobenzene	Ave	1.664	1.744	0.6000	21.0	20.0	4.8	20.0
4-Isopropyltoluene	Ave	3.281	3.587		21.9	20.0	9.3	20.0
1,4-Dichlorobenzene	Ave	1.633	1.710	0.5000	20.9	20.0	4.7	20.0
1,2,3-Trimethylbenzene	Ave	3.359	3.469		20.6	20.0	3.2	20.0
Benzyl chloride	QuaF		1.287		12.4	20.0	-38.2	50.0
Indan	Ave	3.100	3.238		20.9	20.0	4.4	20.0
p-Diethylbenzene	Ave	1.896	2.002		21.1	20.0	5.6	20.0
n-Butylbenzene	Ave	1.628	1.808		22.2	20.0	11.1	20.0
1,2-Dichlorobenzene	Ave	1.674	1.807	0.4000	21.6	20.0	7.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.605	3.631		20.1	20.0	0.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2155	0.1808	0.0500	16.8	20.0	-16.1	50.0
1,3,5-Trichlorobenzene	Ave	1.434	1.526		21.3	20.0	6.4	20.0

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

Lab Sample ID: MB 460-665750/8
Matrix: Water
Analysis Batch: 665750

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/29/19 21:03	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/29/19 21:03	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			12/29/19 21:03	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/29/19 21:03	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*12/29/19 21:03*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*74 - 132*		*12/29/19 21:03*	*1*
4-Bromofluorobenzene	*97*		*77 - 124*		*12/29/19 21:03*	*1*
Dibromofluoromethane (Surr)	*98*		*72 - 131*		*12/29/19 21:03*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/29/19 21:03*	*1*

Lab Sample ID: LCS 460-665750/3
Matrix: Water
Analysis Batch: 665750

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-Trichloroethane	20.0	21.0		ug/L		105	75 - 125
1,1,2,2-Tetrachloroethane	20.0	20.2		ug/L		101	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.6		ug/L		103	59 - 150
1,1,2-Trichloroethane	20.0	20.5		ug/L		102	78 - 120
1,1-Dichloroethane	20.0	22.1		ug/L		111	77 - 123
1,1-Dichloroethene	20.0	21.0		ug/L		105	74 - 123
1,2,3-Trichlorobenzene	20.0	21.0		ug/L		105	78 - 131
1,2,4-Trichlorobenzene	20.0	21.7		ug/L		109	80 - 124
1,2-Dibromo-3-Chloropropane	20.0	17.1		ug/L		86	55 - 134
1,2-Dichlorobenzene	20.0	21.4		ug/L		107	80 - 120
1,2-Dichloroethane	20.0	20.5		ug/L		102	76 - 121
1,2-Dichloropropane	20.0	21.7		ug/L		108	77 - 123
1,3-Dichlorobenzene	20.0	21.3		ug/L		107	80 - 120
1,4-Dichlorobenzene	20.0	21.3		ug/L		107	80 - 120
1,4-Dioxane	400	727	*	ug/L		182	10 - 150
2-Butanone (MEK)	100	103		ug/L		103	64 - 120
2-Hexanone	100	89.7		ug/L		90	71 - 125
4-Methyl-2-pentanone (MIBK)	100	108		ug/L		108	78 - 124
Acetone	100	94.6		ug/L		95	39 - 150
Benzene	20.0	24.0		ug/L		120	77 - 121
Bromoform	20.0	21.0		ug/L		105	53 - 120
Bromomethane	20.0	20.0		ug/L		100	10 - 150
Carbon disulfide	20.0	21.2		ug/L		106	69 - 133
Carbon tetrachloride	20.0	19.9		ug/L		99	70 - 132
Chlorobenzene	20.0	21.7		ug/L		109	80 - 120
Chlorobromomethane	20.0	20.8		ug/L		104	77 - 127
Chlorodibromomethane	20.0	20.7		ug/L		103	73 - 120
Chloroethane	20.0	22.1		ug/L		110	52 - 150

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

Lab Sample ID: LCS 460-665750/3
Matrix: Water
Analysis Batch: 665750

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	20.0	20.9		ug/L		104	80 - 120
Chloromethane	20.0	16.3		ug/L		81	56 - 131
cis-1,2-Dichloroethene	20.0	21.4		ug/L		107	80 - 120
cis-1,3-Dichloropropene	20.0	23.4		ug/L		117	77 - 120
Cyclohexane	20.0	20.7		ug/L		104	56 - 150
Dichlorobromomethane	20.0	20.6		ug/L		103	76 - 120
Dichlorodifluoromethane	20.0	13.5		ug/L		67	50 - 131
Ethylbenzene	20.0	21.6		ug/L		108	80 - 120
Ethylene Dibromide	20.0	20.7		ug/L		104	80 - 120
Isopropylbenzene	20.0	24.8	*	ug/L		124	80 - 123
Methyl acetate	40.0	41.1		ug/L		103	66 - 144
Methyl tert-butyl ether	20.0	21.0		ug/L		105	79 - 122
Methylcyclohexane	20.0	20.6		ug/L		103	61 - 145
Methylene Chloride	20.0	20.6		ug/L		103	77 - 123
m-Xylene & p-Xylene	20.0	21.7		ug/L		109	80 - 120
o-Xylene	20.0	23.7		ug/L		118	80 - 120
Styrene	20.0	24.4	*	ug/L		122	80 - 120
Tetrachloroethene	20.0	21.6		ug/L		108	78 - 122
Toluene	20.0	21.6		ug/L		108	80 - 120
trans-1,2-Dichloroethene	20.0	21.2		ug/L		106	79 - 120
trans-1,3-Dichloropropene	20.0	19.6		ug/L		98	76 - 120
Trichloroethene	20.0	19.6		ug/L		98	77 - 120
Trichlorofluoromethane	20.0	21.1		ug/L		105	71 - 143
Vinyl chloride	20.0	19.5		ug/L		97	62 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*74 - 132*
4-Bromofluorobenzene	*108*		*77 - 124*
Dibromofluoromethane (Surr)	*98*		*72 - 131*
Toluene-d8 (Surr)	*110*		*80 - 120*

Lab Sample ID: LCSD 460-665750/4
Matrix: Water
Analysis Batch: 665750

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-Trichloroethane	20.0	18.4		ug/L		92	75 - 125	13	30
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		103	74 - 120	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.8		ug/L		89	59 - 150	15	30
1,1,2-Trichloroethane	20.0	19.5		ug/L		98	78 - 120	5	30
1,1-Dichloroethane	20.0	19.7		ug/L		99	77 - 123	12	30
1,1-Dichloroethene	20.0	17.8		ug/L		89	74 - 123	16	30
1,2,3-Trichlorobenzene	20.0	20.6		ug/L		103	78 - 131	2	30
1,2,4-Trichlorobenzene	20.0	21.4		ug/L		107	80 - 124	2	30
1,2-Dibromo-3-Chloropropane	20.0	18.1		ug/L		90	55 - 134	5	30
1,2-Dichlorobenzene	20.0	21.3		ug/L		106	80 - 120	1	30
1,2-Dichloroethane	20.0	19.0		ug/L		95	76 - 121	7	30
1,2-Dichloropropane	20.0	19.4		ug/L		97	77 - 123	11	30

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

Lab Sample ID: LCSD 460-665750/4
Matrix: Water
Analysis Batch: 665750

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
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	4	30
1,4-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	4	30
1,4-Dioxane	400	701	*	ug/L		175	10 - 150	4	30
2-Butanone (MEK)	100	97.3		ug/L		97	64 - 120	6	30
2-Hexanone	100	97.9		ug/L		98	71 - 125	9	30
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	78 - 124	6	30
Acetone	100	86.7		ug/L		87	39 - 150	9	30
Benzene	20.0	19.7		ug/L		99	77 - 121	20	30
Bromoform	20.0	18.9		ug/L		95	53 - 120	10	30
Bromomethane	20.0	15.6		ug/L		78	10 - 150	25	30
Carbon disulfide	20.0	18.4		ug/L		92	69 - 133	14	30
Carbon tetrachloride	20.0	17.1		ug/L		85	70 - 132	15	30
Chlorobenzene	20.0	19.7		ug/L		98	80 - 120	10	30
Chlorobromomethane	20.0	19.4		ug/L		97	77 - 127	7	30
Chlorodibromomethane	20.0	19.4		ug/L		97	73 - 120	7	30
Chloroethane	20.0	17.7		ug/L		89	52 - 150	22	30
Chloroform	20.0	18.9		ug/L		95	80 - 120	10	30
Chloromethane	20.0	14.3		ug/L		71	56 - 131	13	30
cis-1,2-Dichloroethene	20.0	19.0		ug/L		95	80 - 120	12	30
cis-1,3-Dichloropropene	20.0	19.6		ug/L		98	77 - 120	18	30
Cyclohexane	20.0	17.8		ug/L		89	56 - 150	15	30
Dichlorobromomethane	20.0	18.8		ug/L		94	76 - 120	9	30
Dichlorodifluoromethane	20.0	11.7		ug/L		59	50 - 131	14	30
Ethylbenzene	20.0	19.5		ug/L		97	80 - 120	11	30
Ethylene Dibromide	20.0	19.7		ug/L		99	80 - 120	5	30
Isopropylbenzene	20.0	20.4		ug/L		102	80 - 123	19	30
Methyl acetate	40.0	40.4		ug/L		101	66 - 144	2	30
Methyl tert-butyl ether	20.0	20.0		ug/L		100	79 - 122	5	30
Methylcyclohexane	20.0	17.5		ug/L		88	61 - 145	16	30
Methylene Chloride	20.0	18.8		ug/L		94	77 - 123	9	30
m-Xylene & p-Xylene	20.0	19.7		ug/L		99	80 - 120	9	30
o-Xylene	20.0	20.2		ug/L		101	80 - 120	16	30
Styrene	20.0	20.9		ug/L		105	80 - 120	15	30
Tetrachloroethene	20.0	18.4		ug/L		92	78 - 122	16	30
Toluene	20.0	19.1		ug/L		96	80 - 120	12	30
trans-1,2-Dichloroethene	20.0	18.4		ug/L		92	79 - 120	14	30
trans-1,3-Dichloropropene	20.0	18.9		ug/L		94	76 - 120	4	30
Trichloroethene	20.0	17.2		ug/L		86	77 - 120	13	30
Trichlorofluoromethane	20.0	16.7		ug/L		83	71 - 143	23	30
Vinyl chloride	20.0	16.3		ug/L		82	62 - 138	18	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*74 - 132*
4-Bromofluorobenzene	*98*		*77 - 124*
Dibromofluoromethane (Surr)	*96*		*72 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: MB 460-665924/9
Matrix: Water
Analysis Batch: 665924

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/30/19 21:39	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/30/19 21:39	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			12/30/19 21:39	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/30/19 21:39	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*12/30/19 21:39*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*74 - 132*		*12/30/19 21:39*	*1*
4-Bromofluorobenzene	*95*		*77 - 124*		*12/30/19 21:39*	*1*
Dibromofluoromethane (Surr)	*104*		*72 - 131*		*12/30/19 21:39*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/30/19 21:39*	*1*

Lab Sample ID: LCS 460-665924/4
Matrix: Water
Analysis Batch: 665924

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-Trichloroethane	20.0	19.0		ug/L		95	75 - 125
1,1,2,2-Tetrachloroethane	20.0	19.3		ug/L		97	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.8		ug/L		94	59 - 150
1,1,2-Trichloroethane	20.0	20.3		ug/L		102	78 - 120
1,1-Dichloroethane	20.0	18.7		ug/L		93	77 - 123
1,1-Dichloroethene	20.0	18.2		ug/L		91	74 - 123
1,2,3-Trichlorobenzene	20.0	20.8		ug/L		104	78 - 131
1,2,4-Trichlorobenzene	20.0	20.5		ug/L		102	80 - 124
1,2-Dibromo-3-Chloropropane	20.0	17.8		ug/L		89	55 - 134
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
1,2-Dichloroethane	20.0	19.2		ug/L		96	76 - 121
1,2-Dichloropropane	20.0	19.5		ug/L		98	77 - 123
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120
1,4-Dichlorobenzene	20.0	19.7		ug/L		98	80 - 120
1,4-Dioxane	400	693	*	ug/L		173	10 - 150
2-Butanone (MEK)	100	98.8		ug/L		99	64 - 120
2-Hexanone	100	116		ug/L		116	71 - 125
4-Methyl-2-pentanone (MIBK)	100	122		ug/L		122	78 - 124
Acetone	100	100		ug/L		100	39 - 150
Benzene	20.0	20.7		ug/L		103	77 - 121
Bromoform	20.0	19.7		ug/L		98	53 - 120
Bromomethane	20.0	16.4		ug/L		82	10 - 150
Carbon disulfide	20.0	18.2		ug/L		91	69 - 133
Carbon tetrachloride	20.0	18.1		ug/L		91	70 - 132
Chlorobenzene	20.0	19.7		ug/L		98	80 - 120
Chlorobromomethane	20.0	20.1		ug/L		100	77 - 127
Chlorodibromomethane	20.0	20.4		ug/L		102	73 - 120
Chloroethane	20.0	24.1		ug/L		120	52 - 150

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

Lab Sample ID: LCSD 460-665924/5
Matrix: Water
Analysis Batch: 665924

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
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120	0	30
1,4-Dichlorobenzene	20.0	20.2		ug/L		101	80 - 120	3	30
1,4-Dioxane	400	639	*	ug/L		160	10 - 150	8	30
2-Butanone (MEK)	100	90.8		ug/L		91	64 - 120	8	30
2-Hexanone	100	109		ug/L		109	71 - 125	6	30
4-Methyl-2-pentanone (MIBK)	100	112		ug/L		112	78 - 124	8	30
Acetone	100	101		ug/L		101	39 - 150	1	30
Benzene	20.0	19.8		ug/L		99	77 - 121	4	30
Bromoform	20.0	18.2		ug/L		91	53 - 120	8	30
Bromomethane	20.0	14.0		ug/L		70	10 - 150	16	30
Carbon disulfide	20.0	19.3		ug/L		96	69 - 133	6	30
Carbon tetrachloride	20.0	18.6		ug/L		93	70 - 132	3	30
Chlorobenzene	20.0	20.0		ug/L		100	80 - 120	1	30
Chlorobromomethane	20.0	19.2		ug/L		96	77 - 127	4	30
Chlorodibromomethane	20.0	19.3		ug/L		96	73 - 120	6	30
Chloroethane	20.0	21.6		ug/L		108	52 - 150	11	30
Chloroform	20.0	20.0		ug/L		100	80 - 120	3	30
Chloromethane	20.0	16.2		ug/L		81	56 - 131	3	30
cis-1,2-Dichloroethene	20.0	19.0		ug/L		95	80 - 120	2	30
cis-1,3-Dichloropropene	20.0	19.9		ug/L		100	77 - 120	4	30
Cyclohexane	20.0	19.3		ug/L		96	56 - 150	4	30
Dichlorobromomethane	20.0	19.7		ug/L		98	76 - 120	3	30
Dichlorodifluoromethane	20.0	18.3		ug/L		92	50 - 131	2	30
Ethylbenzene	20.0	19.9		ug/L		100	80 - 120	1	30
Ethylene Dibromide	20.0	19.8		ug/L		99	80 - 120	8	30
Isopropylbenzene	20.0	21.0		ug/L		105	80 - 123	5	30
Methyl acetate	40.0	41.6		ug/L		104	66 - 144	6	30
Methyl tert-butyl ether	20.0	20.6		ug/L		103	79 - 122	4	30
Methylcyclohexane	20.0	19.1		ug/L		95	61 - 145	5	30
Methylene Chloride	20.0	19.2		ug/L		96	77 - 123	2	30
m-Xylene & p-Xylene	20.0	20.0		ug/L		100	80 - 120	5	30
o-Xylene	20.0	20.5		ug/L		102	80 - 120	3	30
Styrene	20.0	20.8		ug/L		104	80 - 120	5	30
Tetrachloroethene	20.0	19.6		ug/L		98	78 - 122	1	30
Toluene	20.0	19.5		ug/L		97	80 - 120	4	30
trans-1,2-Dichloroethene	20.0	19.5		ug/L		98	79 - 120	4	30
trans-1,3-Dichloropropene	20.0	18.7		ug/L		94	76 - 120	5	30
Trichloroethene	20.0	18.3		ug/L		91	77 - 120	7	30
Trichlorofluoromethane	20.0	20.6		ug/L		103	71 - 143	7	30
Vinyl chloride	20.0	19.0		ug/L		95	62 - 138	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*74 - 132*
4-Bromofluorobenzene	*100*		*77 - 124*
Dibromofluoromethane (Surr)	*100*		*72 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Data Usability Summary Report

Site: Shore Realty Corp.
Laboratory: Eurofins TestAmerica, Edison, NJ
SDG No.: 460-207058-1
Parameter: Volatile Organic Compounds (VOCs)
Data Reviewer: Kristen Morin/TRC
Peer Reviewer: Liz Denly/TRC
Date: April 29, 2020

Samples Reviewed and Evaluation Summary

14 Groundwater Samples : SR-A23-WG-20200414, SR-GX0-WG-20200415, SR-GX1-WG-20200414, SR-GX2-WG-20200414, SR-GX3-WG-20200414, SR-GX4-WG-20200414, SR-GX5-WG-20200413, SR-GX6-WG-20200415, SR-GX7-WG-20200415, SR-SW4-WG-20200413, SR-SW5-WG-20200413, SR-SW6-WG-20200413, SR-WP5A-WG-20200415, SR-DUP-WG-20200414*

1 Trip Blank : SR-Trip Blank-20200414

*Field duplicate of SR-GX2-WG-20200414

The above-listed groundwater and trip blank samples were collected on April 13-15, 2020 and were analyzed for VOCs by SW-846 Method 8260C. The data validation was performed in accordance with the following data validation guidelines modified for the SW-846 methodology utilized.

- EPA Region 2 Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SOP HW-24, Revision 4, September 2014
- EPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA-540-R-2017-002), January 2017

The data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
* • Data Completeness
* • Holding Times and Sample Preservation
* • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
* • Surrogate Recoveries
* • Laboratory Control Sample (LCS)/LCS Duplicate (LCSD) Results
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
* • Internal Standards
* • Field Duplicate Results
- Sample Results and Reported Quantitation Limits (QLs)
* • Target Compound Identification
* • Tentatively Identified Compounds (TICs)

* - All criteria were met.

Overall Evaluation of Data and Potential Usability Issues

All results are usable for project objectives. Qualifications applied to the data due to sampling error are discussed below.

- The positive results for acetone in sample SR-WP5A-WG-20200415 and m-xylene & p-xylene in sample SR-GX2-WG-20200414 were qualified as nondetects (U) due to trip blank contamination. These results can be used for project objectives as nondetects, which may have a minor impact on the data usability.

Qualifications applied to the data because of analytical error are discussed below.

- Potential uncertainty exists for select VOC results that were detected between the method detection limit (MDL) and QL. These results were qualified as estimated (J) in the associated samples. These results can be used for project objectives as estimated values, which may have a minor impact on the data usability.

- The nondetect results for select VOCs in all samples were qualified as estimated (UJ) due to continuing calibration nonconformances. These results can be used for project objectives as nondetects with estimated QLs, which may have a minor impact on the data usability.

- The nondetect result for 1,4-dioxane was qualified as estimated (UJ) with a potential low bias in sample SR-GX5-WG-20200413 due to low recovery in the MS analysis. This result can be used for project objectives as a nondetect with an estimated QL, which may have a minor impact on the data usability.

Data Completeness

The data package was a complete Level IV data deliverable package.

Holding Times and Sample Preservation

Holding time and sample preservation criteria were met for the VOC analyses.

GC/MS Tunes

All criteria were met in the VOC analyses.

Initial and Continuing Calibrations

The percent relative standard deviations, coefficients of determination, and relative response factors (RRFs) were within the acceptance criteria in the initial calibration associated with the samples in this data set. The RRFs were within the method acceptance criteria in the continuing calibration (CC) standards.

The following table summarizes the percent differences or percent drifts (%Ds) that did not meet the method acceptance criteria in the CC standards, the associated samples, and the validation actions.

CC	Compound	%D	Validation Actions
460-688426/3 4/17/20	Dichlorodifluoromethane	-20.2	The nondetect results for these VOCs were qualified as estimated (UJ) in the associated samples.
	Bromomethane	20.2	
	Trichlorofluoromethane	24.2	
	Carbon tetrachloride	-22.7	
	1,4-Dioxane	-30.7	
Associated samples:	SR-A23-WG-20200414, SR-GX0-WG-20200415, SR-GX1-WG-20200414, SR-GX2-WG-20200414, SR-GX3-WG-20200414, SR-GX4-WG-20200414, SR-GX6-WG-20200415, SR-GX7-WG-20200415, SR-SW4-WG-20200413, SR-SW5-WG-20200413, SR-SW6-WG-20200413, SR-DUP-WG20200414, SR-Trip Blank-20200414		
460-688477/3 4/18/20	Carbon tetrachloride	-30.5	The nondetect results for these VOCs were qualified as estimated (UJ) in the associated samples.
	1,4-Dioxane	-41.2	
	trans-1,3-Dichloropropene	-21.2	
	Bromoform	-22.6	
	1,2-Dibromo-3-Chloropropane	-22.6	
Associated samples:	SR-GX5-WG-20200413, SR-WP5A-WG-20200415		

Blanks

Target compounds were not detected in the laboratory method blanks. The following table lists the concentrations of the compounds that were detected in the trip blank the resulting validation actions.

Blank ID (Associated samples)	Compound	Blank Concentration (µg/L)	2x Blank Concentration (µg/L)	QL (µg/L)	Validation Action
SR-Trip Blank-20200414 (all samples in this data set)	Acetone	6.5	13	5.0	The positive result for acetone in sample SR-WP5A-WG-20200415 was qualified as nondetect (U) at the reported concentration since the result was <2x the blank concentration. No qualification was required for the remaining associated samples since acetone was not detected.
	m-Xylene & p-Xylene	0.51 J	1.02	1.0	The positive result for m-xylene & p-xylene in sample SR-GX2-WG-20200414 was qualified as nondetect (U) at the QL since the result was < the QL. No qualification was required for the remaining associated samples since m-xylene & p-xylene was either not detected or detected at a concentration >2x the blank contamination.

Surrogate Recoveries

The surrogate percent recoveries (%Rs) were withn the laboratory's acceptance limits.

LCS/LCSD Results

The LCS/LCSD %Rs and relative percent differences (RPDs) were within the laboratory's acceptance criteria.

MS/MSD Results

MS/MSD analyses were performed on sample SR-GX5-WG-20200413. The table below summarizes the %R that was outside of the laboratory's acceptance criteria and the validation actions. The RPDs were within the laboratory's acceptance criteria.

MS/MSD Sample ID	Compound	MS %R	MSD %R	RPD (%)	QC Limits %R/RPD	Validation Action
SR-GX5-WG-20200413	1,4-Dioxane	67	-	-	70-142/30	The nondetect result for 1,4-dioxane was qualified as estimated (UJ) with a potential low bias in sample SR-GX5-WG-20200413.
-: Met criteria						

Internal Standards

All criteria were met in the VOC analyses.

Field Duplicate Results

Samples SR-GX2-WG-20200414/SR-DUP-WG-20200414 were submitted as the field duplicate pair with this sample set. Both RPDs were not calculable (NC) due to a nondetect result in one of the two samples. The following table summarizes the detected results; all criteria were met.

Compound	QLs (µg/L)	SR-GX2-WG-20200414 (µg/L)	SR-DUP-WG-20200414 (µg/L)	RPD (%)	Validation Action
Ethylbenzene	1.0	0.53 J	1.0 U	NC	No validation action was required since all criteria were met.
Isopropylbenzene	1.0	0.52 J	1.0 U	NC	

Criteria:

- When both results are ≥ 5x the QL, RPDs must be ≤ 30%.
- When one or both results are < 5x the QL, absolute difference must be < the QL.

Sample Results and Reported Quantitation Limits

Select VOC results were reported between the MDL and QL. These results were qualified as estimated (J) in the associated samples by the laboratory.

Sample calculations were spot-checked; there were no errors noted.

A 5-fold dilution was performed on sample SR-WP5A-WG-20200415 due to concentrations of target analytes that would have exceeded the calibration range if analyzed undiluted.

Target Compound Identification

All criteria were met for the VOC analyses.

Tentatively Identified Compounds

There were no issues noted regarding VOC TIC identifications. There were no TICs in the VOC method blanks or trip blank.

QUALIFIED FORM 1s

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-SW6-WG-20200413 Lab Sample ID: 460-207058-1

Matrix: Water Lab File ID: F94947.D

Analysis Method: 8260C Date Collected: 04/13/2020 09:00

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 01:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U J	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U J	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U J	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U J	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-SW6-WG-20200413 Lab Sample ID: 460-207058-1

Matrix: Water Lab File ID: F94947.D

Analysis Method: 8260C Date Collected: 04/13/2020 09:00

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 01:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U J	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-SW6-WG-20200413 Lab Sample ID: 460-207058-1

Matrix: Water Lab File ID: F94947.D

Analysis Method: 8260C Date Collected: 04/13/2020 09:00

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 01:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-SW5-WG-20200413 Lab Sample ID: 460-207058-2

Matrix: Water Lab File ID: F94948.D

Analysis Method: 8260C Date Collected: 04/13/2020 10:20

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 01:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U J	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U J	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U J	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U J	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-SW5-WG-20200413 Lab Sample ID: 460-207058-2

Matrix: Water Lab File ID: F94948.D

Analysis Method: 8260C Date Collected: 04/13/2020 10:20

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 01:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	UJ	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-SW5-WG-20200413 Lab Sample ID: 460-207058-2

Matrix: Water Lab File ID: F94948.D

Analysis Method: 8260C Date Collected: 04/13/2020 10:20

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 01:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-SW4-WG-20200413 Lab Sample ID: 460-207058-3

Matrix: Water Lab File ID: F94949.D

Analysis Method: 8260C Date Collected: 04/13/2020 11:25

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 01:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U J	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U J	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U J	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U J	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-SW4-WG-20200413 Lab Sample ID: 460-207058-3

Matrix: Water Lab File ID: F94949.D

Analysis Method: 8260C Date Collected: 04/13/2020 11:25

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 01:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U J	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-SW4-WG-20200413 Lab Sample ID: 460-207058-3

Matrix: Water Lab File ID: F94949.D

Analysis Method: 8260C Date Collected: 04/13/2020 11:25

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 01:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX5-WG-20200413 Lab Sample ID: 460-207058-4

Matrix: Water Lab File ID: F94973.D

Analysis Method: 8260C Date Collected: 04/13/2020 13:25

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 13:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688477 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	UJ	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	UJ	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	UJ	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	UJ	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX5-WG-20200413 Lab Sample ID: 460-207058-4

Matrix: Water Lab File ID: F94973.D

Analysis Method: 8260C Date Collected: 04/13/2020 13:25

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 13:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688477 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	UJ	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX5-WG-20200413 Lab Sample ID: 460-207058-4

Matrix: Water Lab File ID: F94973.D

Analysis Method: 8260C Date Collected: 04/13/2020 13:25

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 13:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688477 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-A23-WG-20200414 Lab Sample ID: 460-207058-5

Matrix: Water Lab File ID: F94950.D

Analysis Method: 8260C Date Collected: 04/14/2020 07:55

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 02:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U J	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U J	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U J	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U J	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-A23-WG-20200414 Lab Sample ID: 460-207058-5

Matrix: Water Lab File ID: F94950.D

Analysis Method: 8260C Date Collected: 04/14/2020 07:55

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 02:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	UJ	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-A23-WG-20200414 Lab Sample ID: 460-207058-5

Matrix: Water Lab File ID: F94950.D

Analysis Method: 8260C Date Collected: 04/14/2020 07:55

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 02:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX4-WG-20200414 Lab Sample ID: 460-207058-6

Matrix: Water Lab File ID: F94951.D

Analysis Method: 8260C Date Collected: 04/14/2020 09:05

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 02:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	UJ	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	UJ	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	UJ	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	UJ	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX4-WG-20200414 Lab Sample ID: 460-207058-6

Matrix: Water Lab File ID: F94951.D

Analysis Method: 8260C Date Collected: 04/14/2020 09:05

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 02:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	UJ	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX4-WG-20200414 Lab Sample ID: 460-207058-6

Matrix: Water Lab File ID: F94951.D

Analysis Method: 8260C Date Collected: 04/14/2020 09:05

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 02:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX3-WG-20200414 Lab Sample ID: 460-207058-7

Matrix: Water Lab File ID: F94952.D

Analysis Method: 8260C Date Collected: 04/14/2020 10:45

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 03:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U J	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	UJ	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	UJ	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	0.60	J	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	UJ	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX3-WG-20200414 Lab Sample ID: 460-207058-7

Matrix: Water Lab File ID: F94952.D

Analysis Method: 8260C Date Collected: 04/14/2020 10:45

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 03:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	0.54	J	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	0.32	J	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	UJ	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX3-WG-20200414 Lab Sample ID: 460-207058-7

Matrix: Water Lab File ID: F94952.D

Analysis Method: 8260C Date Collected: 04/14/2020 10:45

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 03:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX2-WG-20200414 Lab Sample ID: 460-207058-8

Matrix: Water Lab File ID: F94953.D

Analysis Method: 8260C Date Collected: 04/14/2020 11:50

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 03:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U J	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U J	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U J	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	UJ	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX2-WG-20200414 Lab Sample ID: 460-207058-8

Matrix: Water Lab File ID: F94953.D

Analysis Method: 8260C Date Collected: 04/14/2020 11:50

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 03:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.53	J	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	0.52	J	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	~~0.45~~ ~~J~~ ~~1.0~~	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U J	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	113		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX2-WG-20200414 Lab Sample ID: 460-207058-8

Matrix: Water Lab File ID: F94953.D

Analysis Method: 8260C Date Collected: 04/14/2020 11:50

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 03:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-DUP-WG20200414 Lab Sample ID: 460-207058-9

Matrix: Water Lab File ID: F94954.D

Analysis Method: 8260C Date Collected: 04/14/2020 08:30

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 03:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U J	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U J	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	UJ	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	UJ	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-DUP-WG20200414 Lab Sample ID: 460-207058-9

Matrix: Water Lab File ID: F94954.D

Analysis Method: 8260C Date Collected: 04/14/2020 08:30

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 03:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	UJ	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-DUP-WG20200414 Lab Sample ID: 460-207058-9

Matrix: Water Lab File ID: F94954.D

Analysis Method: 8260C Date Collected: 04/14/2020 08:30

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 03:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-Trip Blank-20200414 Lab Sample ID: 460-207058-10

Matrix: Water Lab File ID: F94945.D

Analysis Method: 8260C Date Collected: 04/14/2020 09:00

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 00:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	UJ	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	6.5		5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	UJ	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	UJ	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	UJ	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-Trip Blank-20200414 Lab Sample ID: 460-207058-10

Matrix: Water Lab File ID: F94945.D

Analysis Method: 8260C Date Collected: 04/14/2020 09:00

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 00:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.51	J	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	UJ	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-Trip Blank-20200414 Lab Sample ID: 460-207058-10

Matrix: Water Lab File ID: F94945.D

Analysis Method: 8260C Date Collected: 04/14/2020 09:00

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 00:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX1-WG-20200414 Lab Sample ID: 460-207058-11

Matrix: Water Lab File ID: F94955.D

Analysis Method: 8260C Date Collected: 04/14/2020 13:50

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 04:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U J	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U J	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U J	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U J	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX1-WG-20200414 Lab Sample ID: 460-207058-11

Matrix: Water Lab File ID: F94955.D

Analysis Method: 8260C Date Collected: 04/14/2020 13:50

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 04:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U J	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX1-WG-20200414 Lab Sample ID: 460-207058-11

Matrix: Water Lab File ID: F94955.D

Analysis Method: 8260C Date Collected: 04/14/2020 13:50

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 04:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX0-WG-20200415 Lab Sample ID: 460-207058-12

Matrix: Water Lab File ID: F94956.D

Analysis Method: 8260C Date Collected: 04/15/2020 08:10

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 04:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U J	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U J	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	UJ	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	UJ	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX0-WG-20200415 Lab Sample ID: 460-207058-12

Matrix: Water Lab File ID: F94956.D

Analysis Method: 8260C Date Collected: 04/15/2020 08:10

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 04:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	UJ	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX0-WG-20200415 Lab Sample ID: 460-207058-12

Matrix: Water Lab File ID: F94956.D

Analysis Method: 8260C Date Collected: 04/15/2020 08:10

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 04:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX6-WG-20200415 Lab Sample ID: 460-207058-13

Matrix: Water Lab File ID: F94957.D

Analysis Method: 8260C Date Collected: 04/15/2020 11:40

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 05:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U J	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U J	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	UJ	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U J	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX6-WG-20200415 Lab Sample ID: 460-207058-13

Matrix: Water Lab File ID: F94957.D

Analysis Method: 8260C Date Collected: 04/15/2020 11:40

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 05:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	UJ	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX6-WG-20200415 Lab Sample ID: 460-207058-13

Matrix: Water Lab File ID: F94957.D

Analysis Method: 8260C Date Collected: 04/15/2020 11:40

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 05:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX7-WG-20200415 Lab Sample ID: 460-207058-14

Matrix: Water Lab File ID: F94958.D

Analysis Method: 8260C Date Collected: 04/15/2020 10:30

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 05:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	UJ	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	UJ	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	UJ	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	UJ	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX7-WG-20200415 Lab Sample ID: 460-207058-14

Matrix: Water Lab File ID: F94958.D

Analysis Method: 8260C Date Collected: 04/15/2020 10:30

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 05:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.4		1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	0.40	J	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	5.0		1.0	0.30
95-47-6	o-Xylene	1.0		1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	UJ	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-GX7-WG-20200415 Lab Sample ID: 460-207058-14

Matrix: Water Lab File ID: F94958.D

Analysis Method: 8260C Date Collected: 04/15/2020 10:30

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 05:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688426 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-WP5A-WG-20200415 Lab Sample ID: 460-207058-15

Matrix: Water Lab File ID: F94974.D

Analysis Method: 8260C Date Collected: 04/15/2020 00:25

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 14:16

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688477 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	1.2
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.6
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	2.2
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.3
75-35-4	1,1-Dichloroethene	5.0	U	5.0	1.3
87-61-6	1,2,3-Trichlorobenzene	5.0	U	5.0	1.8
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	UJ	5.0	1.9
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	2.2
107-06-2	1,2-Dichloroethane	5.0	U	5.0	2.2
78-87-5	1,2-Dichloropropane	5.0	U	5.0	1.8
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	1.7
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	1.7
123-91-1	1,4-Dioxane	250	U J	250	140
78-93-3	2-Butanone (MEK)	25	U	25	9.3
591-78-6	2-Hexanone	25	U	25	5.7
108-10-1	4-Methyl-2-pentanone (MIBK)	25	U	25	6.5
67-64-1	Acetone	27	U	25	22
71-43-2	Benzene	5.0	U	5.0	1.0
75-25-2	Bromoform	5.0	U J	5.0	2.7
74-83-9	Bromomethane	5.0	U	5.0	2.8
75-15-0	Carbon disulfide	5.0	U	5.0	4.1
56-23-5	Carbon tetrachloride	5.0	U J	5.0	1.0
108-90-7	Chlorobenzene	5.0	U	5.0	1.9
74-97-5	Chlorobromomethane	5.0	U	5.0	2.1
124-48-1	Chlorodibromomethane	5.0	U	5.0	1.4
75-00-3	Chloroethane	5.0	U	5.0	1.6
67-66-3	Chloroform	5.0	U	5.0	1.6
74-87-3	Chloromethane	5.0	U	5.0	2.0
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	1.1
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	1.1
110-82-7	Cyclohexane	2.9	J	5.0	1.6
75-27-4	Dichlorobromomethane	5.0	U	5.0	1.7
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-WP5A-WG-20200415 Lab Sample ID: 460-207058-15

Matrix: Water Lab File ID: F94974.D

Analysis Method: 8260C Date Collected: 04/15/2020 00:25

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 14:16

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688477 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	660		5.0	1.5
106-93-4	Ethylene Dibromide	5.0	U	5.0	2.5
98-82-8	Isopropylbenzene	47		5.0	1.7
79-20-9	Methyl acetate	25	U	25	3.9
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	2.3
108-87-2	Methylcyclohexane	32		5.0	1.3
75-09-2	Methylene Chloride	5.0	U	5.0	1.6
179601-23-1	m-Xylene & p-Xylene	1700		5.0	1.5
95-47-6	o-Xylene	58		5.0	1.8
100-42-5	Styrene	5.0	U	5.0	2.1
127-18-4	Tetrachloroethene	5.0	U	5.0	1.2
108-88-3	Toluene	5.0	U	5.0	1.9
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	1.2
10061-02-6	trans-1,3-Dichloropropene	5.0	U J	5.0	2.4
79-01-6	Trichloroethene	5.0	U	5.0	1.6
75-69-4	Trichlorofluoromethane	5.0	U	5.0	1.6
75-01-4	Vinyl chloride	5.0	U	5.0	0.86

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Client Sample ID: SR-WP5A-WG-20200415 Lab Sample ID: 460-207058-15

Matrix: Water Lab File ID: F94974.D

Analysis Method: 8260C Date Collected: 04/15/2020 00:25

Sample wt/vol: 5(mL) Date Analyzed: 04/18/2020 14:16

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 688477 Units: ug/L

Number TICs Found: 10 TIC Result Total: 598

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	6.87	85	J N	93%
6876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	7.30	52	J N	95%
624-29-3	Cyclohexane, 1,4-dimethyl-, cis-	7.43	42	J N	93%
95-63-6	Benzene, 1,2,4-trimethyl-	10.67	50	J N	94%
135-01-3	Benzene, 1,2-diethyl-	11.09	49	J N	95%
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.39	84	J N	97%
768-49-0	Benzene, (2-methyl-1-propenyl)-	11.46	40	J N	83%
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.62	44	J N	95%
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.90	120	J N	95%
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.20	32	J N	89%

QC NONCONFORMANCE DOCUMENTATION

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Lab Sample ID: CCVIS 460-688426/3 Calibration Date: 04/17/2020 21:23

Instrument ID: CVOAMS6 Calib Start Date: 03/27/2020 09:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/27/2020 14:36

Lab File ID: F94938.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4557	0.3636	0.1000	16.0	20.0	-20.2*	20.0
Chloromethane	Ave	0.4134	0.4184	0.1000	20.2	20.0	1.2	20.0
Butadiene	Ave	0.3802	0.3631		19.1	20.0	-4.5	20.0
Vinyl chloride	Ave	0.4246	0.4451	0.1000	21.0	20.0	4.8	20.0
Bromomethane	Ave	0.2444	0.2940	0.1000	24.0	20.0	20.2	50.0
Chloroethane	Ave	0.2064	0.2463	0.1000	23.9	20.0	19.3	50.0
Dichlorofluoromethane	Ave	0.5363	0.5765		21.5	20.0	7.5	20.0
Trichlorofluoromethane	Ave	0.4052	0.5034	0.1000	24.8	20.0	24.2*	20.0
Pentane	Qua2		3.800		70.2	40.0	75.4* NA	20.0
Ethanol	Ave	0.0336	0.0280		667	800	-16.7	50.0
Ethyl ether	Ave	0.2140	0.2130		19.9	20.0	-0.5	20.0
2-Methyl-1,3-butadiene	Ave	0.2673	0.2324		17.4	20.0	-13.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3087	0.2951	0.1000	19.1	20.0	-4.4	20.0
Acrolein	QuaF		0.4503		19.5	40.0	-51.3* NA	50.0
1,1-Dichloroethene	Ave	0.2938	0.2700	0.1000	18.4	20.0	-8.1	20.0
Acetone	Ave	0.8420	0.7050	0.0500	83.7	100	-16.3	50.0
Iodomethane	Ave	0.5198	0.5304		20.4	20.0	2.0	20.0
Isopropyl alcohol	Lin2		0.2792		106	200	-47.1 NA	50.0
Carbon disulfide	Ave	1.176	1.073	0.1000	18.3	20.0	-8.7	50.0
Allyl chloride	Ave	0.5333	0.4714		17.7	20.0	-11.6	20.0
Methyl acetate	Ave	0.2259	0.2022	0.1000	35.8	40.0	-10.5	20.0
Cyclopentene	Ave	0.7647	0.6723		17.6	20.0	-12.1	20.0
Acetonitrile	Ave	1.253	2.468		394	200	97.0* NA	20.0
Methylene Chloride	Ave	0.3665	0.3184	0.1000	17.4	20.0	-13.1	20.0
2-Methyl-2-propanol	Ave	0.8237	0.6302		153	200	-23.5 NA	50.0
Methyl tert-butyl ether	Ave	0.8186	0.7200	0.1000	17.6	20.0	-12.0	20.0
trans-1,2-Dichloroethene	Ave	0.3082	0.2796	0.1000	18.1	20.0	-9.3	20.0
Acrylonitrile	Ave	0.1214	0.1178		194	200	-3.0	20.0
Hexane	Ave	0.2384	0.2473		20.7	20.0	3.7	20.0
Isopropyl ether	Ave	0.8437	0.8168		19.4	20.0	-3.2	20.0
1,1-Dichloroethane	Ave	0.4737	0.4767	0.2000	20.1	20.0	0.6	20.0
Vinyl acetate	QuaF		0.0479		51.2	40.0	28.0* NA	20.0
2-Chloro-1,3-butadiene	Ave	0.2478	0.2628		21.2	20.0	6.0	20.0
Tert-butyl ethyl ether	Ave	0.8490	0.7382		17.4	20.0	-13.1	20.0
2,2-Dichloropropane	Qua2		0.0887		16.3	20.0	-18.4	20.0
cis-1,2-Dichloroethene	Ave	0.3005	0.3101	0.1000	20.6	20.0	3.2	20.0
2-Butanone (MEK)	Ave	0.3066	0.3077	0.0500	100	100	0.4	50.0
Ethyl acetate	Ave	0.2582	0.2195		34.0	40.0	-15.0	20.0
Methyl acrylate	Ave	0.2873	0.2728		19.0	20.0	-5.1	20.0
Propionitrile	Ave	1.494	2.487		333	200	66.4* NA	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Lab Sample ID: CCVIS 460-688426/3 Calibration Date: 04/17/2020 21:23

Instrument ID: CVOAMS6 Calib Start Date: 03/27/2020 09:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/27/2020 14:36

Lab File ID: F94938.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobromomethane	Ave	0.1399	0.1607		23.0	20.0	14.9	20.0
Tetrahydrofuran	Lin2		0.3740		41.3	40.0	3.2	20.0
Methacrylonitrile	Ave	0.1099	0.1134		206	200	3.1	20.0
Chloroform	Ave	0.4341	0.4547	0.2000	20.9	20.0	4.7	20.0
Cyclohexane	Ave	0.5268	0.4771	0.1000	18.1	20.0	-9.4	50.0
1,1,1-Trichloroethane	Ave	0.4367	0.3701	0.1000	17.0	20.0	-15.2	20.0
Carbon tetrachloride	Ave	0.3533	0.2730	0.1000	15.5	20.0	-22.7*	20.0
1,1-Dichloropropene	Ave	0.3446	0.3716		21.6	20.0	7.8	20.0
Isobutyl alcohol	Ave	0.2950	0.1971		334	500	-33.2 NA	50.0
Benzene	Ave	1.583	1.628	0.5000	20.6	20.0	2.8	20.0
Isopropyl acetate	Ave	0.7525	0.6638		17.6	20.0	-11.8	20.0
Tert-amyl methyl ether	Ave	0.8955	0.7858		17.5	20.0	-12.3	20.0
1,2-Dichloroethane	Ave	0.3171	0.3139	0.1000	19.8	20.0	-1.0	20.0
n-Heptane	Ave	0.2361	0.2246		19.0	20.0	-4.8	20.0
n-Butanol	Ave	0.2542	0.1583		311	500	-37.7 NA	50.0
Trichloroethene	Ave	0.2439	0.2446	0.2000	20.1	20.0	0.3	20.0
Ethyl acrylate	Ave	0.6940	0.6014		17.3	20.0	-13.3	20.0
Methylcyclohexane	Ave	0.5897	0.5260	0.1000	17.8	20.0	-10.8	50.0
1,2-Dichloropropane	Ave	0.2504	0.2535	0.1000	20.2	20.0	1.2	20.0
Methyl methacrylate	Ave	0.0682	0.0556		32.6	40.0	-18.4	20.0
1,4-Dioxane	Ave	1.154	0.7998		277	400	-30.7	50.0
Dibromomethane	Ave	0.1462	0.1567		21.4	20.0	7.2	20.0
n-Propyl acetate	Ave	0.3053	0.2590		17.0	20.0	-15.2	20.0
Dichlorobromomethane	Ave	0.2950	0.2694	0.2000	18.3	20.0	-8.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1253	0.1185		19.0	20.0	-5.5	20.0
2-Nitropropane	Ave	0.0544	0.0242		17.8	40.0	-55.5* NA	20.0
Epichlorohydrin	Ave	0.2407	0.1977		329	400	-17.8	20.0
cis-1,3-Dichloropropene	Ave	0.5304	0.4716	0.2000	17.8	20.0	-11.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.456	2.401	0.0500	97.8	100	-2.2	50.0
Toluene	Ave	1.550	1.513	0.4000	19.5	20.0	-2.4	20.0
trans-1,3-Dichloropropene	Ave	0.4707	0.3992	0.1000	17.0	20.0	-15.2	50.0
Ethyl methacrylate	Ave	0.5029	0.3699		14.7	20.0	-26.5* NA	20.0
1,1,2-Trichloroethane	Ave	0.2531	0.2563	0.1000	20.2	20.0	1.2	20.0
Tetrachloroethene	Ave	0.3439	0.3655	0.2000	21.3	20.0	6.3	20.0
1,3-Dichloropropane	Ave	0.5009	0.4924		19.7	20.0	-1.7	20.0
2-Hexanone	Ave	1.450	1.354	0.0500	93.4	100	-6.6	50.0
n-Butyl acetate	Ave	0.5317	0.4133		15.5	20.0	-22.3* NA	20.0
Chlorodibromomethane	Ave	0.2917	0.2605	0.1000	17.9	20.0	-10.7	50.0
Ethylene Dibromide	Ave	0.2958	0.2832	0.1000	19.2	20.0	-4.2	20.0
Chlorobenzene	Ave	0.9320	0.9683	0.5000	20.8	20.0	3.9	20.0
Ethylbenzene	Ave	0.5778	0.5615	0.1000	19.4	20.0	-2.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Lab Sample ID: CCVIS 460-688477/3 Calibration Date: 04/18/2020 10:59

Instrument ID: CVOAMS6 Calib Start Date: 03/27/2020 09:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/27/2020 14:36

Lab File ID: F94966.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.8490	0.7127		16.8	20.0	-16.1	20.0
2,2-Dichloropropane	Qua2		0.0870		16.0	20.0	-19.9	20.0
cis-1,2-Dichloroethene	Ave	0.3005	0.3075	0.1000	20.5	20.0	2.3	20.0
2-Butanone (MEK)	Ave	0.3066	0.2759	0.0500	90.0	100	-10.0	50.0
Ethyl acetate	Ave	0.2582	0.2207		34.2	40.0	-14.5	20.0
Methyl acrylate	Ave	0.2873	0.2790		19.4	20.0	-2.9	20.0
Propionitrile	Ave	1.494	2.473		331	200	65.5* NA	20.0
Chlorobromomethane	Ave	0.1399	0.1553		22.2	20.0	11.0	20.0
Tetrahydrofuran	Lin2		0.3501		38.5	40.0	-3.7	20.0
Methacrylonitrile	Ave	0.1099	0.1102		200	200	0.2	20.0
Chloroform	Ave	0.4341	0.4362	0.2000	20.1	20.0	0.5	20.0
Cyclohexane	Ave	0.5268	0.4338	0.1000	16.5	20.0	-17.6	50.0
1,1,1-Trichloroethane	Ave	0.4367	0.3549	0.1000	16.3	20.0	-18.7	20.0
Carbon tetrachloride	Ave	0.3533	0.2457	0.1000	13.9	20.0	-30.5*	20.0
1,1-Dichloropropene	Ave	0.3446	0.3370		19.6	20.0	-2.2	20.0
Isobutyl alcohol	Ave	0.2950	0.2123		360	500	-28.0 NA	50.0
Benzene	Ave	1.583	1.571	0.5000	19.8	20.0	-0.8	20.0
Isopropyl acetate	Ave	0.7525	0.6670		17.7	20.0	-11.4	20.0
Tert-amyl methyl ether	Ave	0.8955	0.7980		17.8	20.0	-10.9	20.0
1,2-Dichloroethane	Ave	0.3171	0.3077	0.1000	19.4	20.0	-3.0	20.0
n-Heptane	Ave	0.2361	0.2124		18.0	20.0	-10.0	20.0
n-Butanol	Ave	0.2542	0.1387		273	500	-45.4 NA	50.0
Trichloroethene	Ave	0.2439	0.2404	0.2000	19.7	20.0	-1.4	20.0
Ethyl acrylate	Ave	0.6940	0.5693		16.4	20.0	-18.0	20.0
Methylcyclohexane	Ave	0.5897	0.4877	0.1000	16.5	20.0	-17.3	50.0
1,2-Dichloropropane	Ave	0.2504	0.2356	0.1000	18.8	20.0	-5.9	20.0
Methyl methacrylate	Ave	0.0682	0.0552		32.4	40.0	-19.0	20.0
1,4-Dioxane	Ave	1.154	0.6789		235	400	-41.2	50.0
Dibromomethane	Ave	0.1462	0.1549		21.2	20.0	6.0	20.0
n-Propyl acetate	Ave	0.3053	0.2448		16.0	20.0	-19.8	20.0
Dichlorobromomethane	Ave	0.2950	0.2647	0.2000	17.9	20.0	-10.3	20.0
2-Chloroethyl vinyl ether	Ave	0.1253	0.1076		17.2	20.0	-14.1	20.0
2-Nitropropane	Ave	0.0544	0.0234		17.2	40.0	-56.9* NA	20.0
Epichlorohydrin	Ave	0.2407	0.1826		304	400	-24.1* NA	20.0
cis-1,3-Dichloropropene	Ave	0.5304	0.4479	0.2000	16.9	20.0	-15.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.456	2.212	0.0500	90.1	100	-9.9	50.0
Toluene	Ave	1.550	1.454	0.4000	18.8	20.0	-6.2	20.0
trans-1,3-Dichloropropene	Ave	0.4707	0.3711	0.1000	15.8	20.0	-21.2	50.0
Ethyl methacrylate	Ave	0.5029	0.3598		14.3	20.0	-28.5* NA	20.0
1,1,2-Trichloroethane	Ave	0.2531	0.2449	0.1000	19.4	20.0	-3.2	20.0
Tetrachloroethene	Ave	0.3439	0.3596	0.2000	20.9	20.0	4.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-207058-1

SDG No.:

Lab Sample ID: CCVIS 460-688477/3 Calibration Date: 04/18/2020 10:59

Instrument ID: CVOAMS6 Calib Start Date: 03/27/2020 09:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/27/2020 14:36

Lab File ID: F94966.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.5009	0.4738		18.9	20.0	-5.4	20.0
2-Hexanone	Ave	1.450	1.242	0.0500	85.6	100	-14.4	50.0
n-Butyl acetate	Ave	0.5317	0.3889		14.6	20.0	-26.9* NA	20.0
Chlorodibromomethane	Ave	0.2917	0.2458	0.1000	16.9	20.0	-15.7	50.0
Ethylene Dibromide	Ave	0.2958	0.2813	0.1000	19.0	20.0	-4.9	20.0
Chlorobenzene	Ave	0.9320	0.9501	0.5000	20.4	20.0	1.9	20.0
Ethylbenzene	Ave	0.5778	0.5439	0.1000	18.8	20.0	-5.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3657	0.3101		17.0	20.0	-15.2	20.0
m-Xylene & p-Xylene	Ave	0.7165	0.6634	0.1000	18.5	20.0	-7.4	20.0
n-Butyl acrylate	Ave	0.3183	0.1981		12.4	20.0	-37.8* NA	20.0
o-Xylene	Ave	0.7581	0.7316	0.3000	19.3	20.0	-3.5	20.0
Styrene	Ave	1.166	1.111	0.3000	19.0	20.0	-4.8	20.0
Amyl acetate (mixed isomers)	Ave	1.198	0.7601		12.7	20.0	-36.6* NA	20.0
Bromoform	Ave	0.1888	0.1462	0.1000	15.5	20.0	-22.6*	20.0
Isopropylbenzene	Ave	2.022	1.875	0.1000	18.5	20.0	-7.3	20.0
Bromobenzene	Ave	0.6854	0.6768		19.8	20.0	-1.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7671	0.7374	0.3000	19.2	20.0	-3.9	20.0
N-Propylbenzene	Ave	3.979	3.584		18.0	20.0	-9.9	20.0
1,2,3-Trichloropropane	Ave	0.2403	0.2168		18.0	20.0	-9.8	20.0
trans-1,4-Dichloro-2-butene	Lin2		0.1724		15.3	20.0	-23.5* NA	20.0
2-Chlorotoluene	Ave	2.728	2.385		17.5	20.0	-12.6	20.0
4-Ethyltoluene	Ave	3.315	3.006		18.1	20.0	-9.3	20.0
1,3,5-Trimethylbenzene	Ave	2.921	2.489		17.0	20.0	-14.8	20.0
4-Chlorotoluene	Ave	2.357	2.082		17.7	20.0	-11.7	20.0
Butyl Methacrylate	Ave	1.064	0.6116		11.5	20.0	-42.5* NA	20.0
tert-Butylbenzene	Ave	2.192	1.934		17.6	20.0	-11.8	20.0
1,2,4-Trimethylbenzene	Ave	3.129	2.616		16.7	20.0	-16.4	20.0
sec-Butylbenzene	Ave	3.766	3.307		17.6	20.0	-12.2	20.0
1,3-Dichlorobenzene	Ave	1.434	1.468	0.6000	20.5	20.0	2.4	20.0
4-Isopropyltoluene	Ave	3.174	2.920		18.4	20.0	-8.0	20.0
1,4-Dichlorobenzene	Ave	1.477	1.482	0.5000	20.1	20.0	0.3	20.0
1,2,3-Trimethylbenzene	Ave	3.240	2.795		17.3	20.0	-13.7	20.0
Benzyl chloride	Ave	1.728	0.9449		10.9	20.0	-45.3 NA	50.0
Indan	Ave	3.051	2.833		18.6	20.0	-7.1	20.0
p-Diethylbenzene	Ave	2.069	1.740		16.8	20.0	-15.9	20.0
n-Butylbenzene	Ave	1.853	1.604		17.3	20.0	-13.5	20.0
1,2-Dichlorobenzene	Ave	1.605	1.548	0.4000	19.3	20.0	-3.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.327	2.901		17.4	20.0	-12.8	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1902	0.1472	0.0500	15.5	20.0	-22.6	50.0
1,3,5-Trichlorobenzene	Ave	1.306	1.216		18.6	20.0	-6.9	20.0
1,2,4-Trichlorobenzene	Ave	1.250	1.148	0.2000	18.4	20.0	-8.2	20.0

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

Lab Sample ID: 460-207058-4 MS
Matrix: Water
Analysis Batch: 688426

Client Sample ID: SR-GX5-WG-20200413
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1.0	U	20.0	16.2		ug/L		81	68 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	19.1		ug/L		96	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	17.7		ug/L		88	59 - 142
1,1,2-Trichloroethane	1.0	U	20.0	19.2		ug/L		96	74 - 125
1,1-Dichloroethane	1.0	U	20.0	18.8		ug/L		94	73 - 130
1,1-Dichloroethene	1.0	U	20.0	17.0		ug/L		85	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	18.1		ug/L		90	53 - 144
1,2,4-Trichlorobenzene	1.0	U	20.0	18.8		ug/L		94	64 - 132
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	15.1		ug/L		76	41 - 143
1,2-Dichlorobenzene	1.0	U	20.0	20.0		ug/L		100	79 - 122
1,2-Dichloroethane	1.0	U	20.0	19.1		ug/L		95	75 - 121
1,2-Dichloropropane	1.0	U	20.0	18.8		ug/L		94	76 - 126
1,3-Dichlorobenzene	1.0	U	20.0	20.6		ug/L		103	80 - 121
1,4-Dichlorobenzene	1.0	U	20.0	20.2		ug/L		101	80 - 118
1,4-Dioxane	50	U	400	266	*	ug/L		67	70 - 142
2-Butanone (MEK)	5.0	U	100	89.8		ug/L		90	69 - 128
2-Hexanone	5.0	U	100	87.1		ug/L		87	74 - 127
4-Methyl-2-pentanone (MIBK)	5.0	U	100	91.0		ug/L		91	78 - 125
Acetone	5.0	U	100	76.4		ug/L		76	61 - 134
Benzene	1.0	U	20.0	19.7		ug/L		99	78 - 126
Bromoform	1.0	U	20.0	15.1		ug/L		75	38 - 144
Bromomethane	1.0	U	20.0	20.8		ug/L		104	10 - 150
Carbon disulfide	1.0	U	20.0	15.8		ug/L		79	64 - 138
Carbon tetrachloride	1.0	U	20.0	14.5		ug/L		73	56 - 131
Chlorobenzene	1.0	U	20.0	20.2		ug/L		101	80 - 119
Chlorobromomethane	1.0	U	20.0	22.0		ug/L		110	73 - 126
Chlorodibromomethane	1.0	U	20.0	17.1		ug/L		86	58 - 130
Chloroethane	1.0	U	20.0	22.2		ug/L		111	29 - 150
Chloroform	1.0	U	20.0	19.7		ug/L		98	78 - 125
Chloromethane	1.0	U	20.0	20.8		ug/L		104	38 - 150
cis-1,2-Dichloroethene	1.0	U	20.0	19.8		ug/L		99	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	16.4		ug/L		82	74 - 125
Cyclohexane	1.0	U	20.0	17.1		ug/L		86	67 - 133
Dichlorobromomethane	1.0	U	20.0	17.5		ug/L		88	72 - 121
Dichlorodifluoromethane	1.0	U	20.0	15.0		ug/L		75	31 - 150
Ethylbenzene	1.0	U	20.0	19.4		ug/L		97	78 - 120
Ethylene Dibromide	1.0	U	20.0	18.8		ug/L		94	69 - 126
Isopropylbenzene	1.0	U	20.0	18.6		ug/L		93	79 - 125
Methyl acetate	5.0	U	40.0	33.2		ug/L		83	70 - 127
Methyl tert-butyl ether	1.0	U	20.0	16.0		ug/L		80	65 - 131
Methylcyclohexane	1.0	U	20.0	16.9		ug/L		85	60 - 139
Methylene Chloride	1.0	U	20.0	16.7		ug/L		83	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	18.9		ug/L		95	78 - 123
o-Xylene	1.0	U	20.0	18.6		ug/L		93	78 - 122
Styrene	1.0	U	20.0	18.5		ug/L		92	75 - 127
Tetrachloroethene	1.0	U	20.0	20.9		ug/L		104	70 - 127
Toluene	1.0	U	20.0	18.8		ug/L		94	78 - 119
trans-1,2-Dichloroethene	1.0	U	20.0	17.4		ug/L		87	74 - 126